

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026347.D
 Acq On : 27 Jun 2023 12:14
 Operator : SY/MD
 Sample : 03421-06
 Misc : 5.20g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4644

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Title : SFAM01.0

Signal : TIC: VW026347.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	68	78	90	rBV	173709	448831	2.29%	0.244%
2	2.893	158	165	179	rVV	129998	358533	1.83%	0.195%
3	4.021	339	350	359	rBV	298892	944199	4.82%	0.513%
4	4.119	359	366	382	rVB	196161	548887	2.80%	0.298%
5	4.393	400	411	420	rBV	22427	68613	0.35%	0.037%
6	5.783	628	639	646	rBV6	9485	33431	0.17%	0.018%
7	7.075	842	851	859	rBV	123985	352401	1.80%	0.191%
8	7.167	860	866	880	rVB	87783	252124	1.29%	0.137%
9	7.648	935	945	958	rVV	494767	1203635	6.15%	0.654%
10	7.929	984	991	1002	rBV2	23597	67420	0.34%	0.037%
11	8.032	1002	1008	1017	rVV3	20973	50645	0.26%	0.028%
12	8.154	1019	1028	1037	rBV2	75721	172421	0.88%	0.094%
13	8.276	1037	1048	1064	rVV2	1005729	3001289	15.33%	1.630%
14	8.429	1065	1073	1077	rVV7	20170	57171	0.29%	0.031%
15	8.490	1077	1083	1091	rVV4	29920	104228	0.53%	0.057%
16	8.575	1091	1097	1104	rVB4	28794	70289	0.36%	0.038%
17	8.703	1111	1118	1124	rVB4	10497	25740	0.13%	0.014%
18	8.843	1132	1141	1152	rBV	1094393	2187043	11.17%	1.188%
19	9.069	1170	1178	1184	rBV3	13400	35210	0.18%	0.019%
20	9.148	1184	1191	1203	rVB	102765	216531	1.11%	0.118%
21	9.276	1204	1212	1217	rVV	716091	1651530	8.43%	0.897%
22	9.331	1217	1221	1226	rVV2	546477	1124924	5.74%	0.611%
23	9.380	1226	1229	1238	rVV	357933	666669	3.40%	0.362%
24	9.471	1238	1244	1248	rVV	18226	38389	0.20%	0.021%
25	9.605	1256	1266	1274	rVV2	220178	600008	3.06%	0.326%
26	9.752	1282	1290	1299	rBV2	294942	609712	3.11%	0.331%
27	9.898	1307	1314	1318	rBV	210665	398206	2.03%	0.216%
28	9.953	1318	1323	1326	rVV2	155661	307812	1.57%	0.167%
29	9.989	1326	1329	1332	rVV	122075	206993	1.06%	0.112%
30	10.032	1332	1336	1341	rVV	350773	624339	3.19%	0.339%
31	10.093	1341	1346	1360	rVB5	203684	615398	3.14%	0.334%
32	10.245	1362	1371	1376	rVB2	67442	140524	0.72%	0.076%
33	10.319	1376	1383	1398	rBV	1420232	2856752	14.59%	1.552%
34	10.447	1400	1404	1406	rBV2	30459	41114	0.21%	0.022%
35	10.495	1407	1412	1420	rVB3	84817	223247	1.14%	0.121%
36	10.581	1420	1426	1430	rBV	219119	402663	2.06%	0.219%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Title : SFAM01.0

37	10.666	1435	1440	1447	rVB	126147	228325	1.17%	0.124%
38	10.764	1449	1456	1460	rBV4	99161	235288	1.20%	0.128%
39	10.843	1465	1469	1475	rVB	123903	211418	1.08%	0.115%
40	10.928	1476	1483	1491	rBV2	635606	1268178	6.48%	0.689%
41	11.032	1495	1500	1508	rBV	225496	446629	2.28%	0.243%
42	11.111	1508	1513	1516	rBV2	85672	135735	0.69%	0.074%
43	11.178	1519	1524	1527	rVV	209503	350424	1.79%	0.190%
44	11.227	1527	1532	1537	rVV2	391275	788820	4.03%	0.428%
45	11.288	1538	1542	1544	rVV3	168052	323933	1.65%	0.176%
46	11.337	1545	1550	1554	rVV	460435	985235	5.03%	0.535%
47	11.373	1554	1556	1562	rVV3	263894	651650	3.33%	0.354%
48	11.434	1563	1566	1573	rVV3	267980	486199	2.48%	0.264%
49	11.507	1573	1578	1588	rVB	372488	666789	3.40%	0.362%
50	11.629	1590	1598	1606	rBV	1137154	2057082	10.50%	1.117%
51	11.763	1616	1620	1623	rBV2	125436	194609	0.99%	0.106%
52	11.818	1623	1629	1633	rVV3	205501	412060	2.10%	0.224%
53	11.873	1633	1638	1642	rVV	523799	943992	4.82%	0.513%
54	11.916	1642	1645	1650	rVB2	297638	452172	2.31%	0.246%
55	11.971	1650	1654	1656	rBV2	108741	161244	0.82%	0.088%
56	12.062	1664	1669	1673	rVB3	319003	551502	2.82%	0.300%
57	12.135	1674	1681	1687	rBV3	907302	2107737	10.76%	1.145%
58	12.184	1687	1689	1692	rVV2	209477	242433	1.24%	0.132%
59	12.251	1692	1700	1704	rVB	1683921	2905238	14.83%	1.578%
60	12.361	1704	1718	1726	rBV3	1515286	5610570	28.65%	3.047%
61	12.501	1735	1741	1748	rVB3	991308	2371565	12.11%	1.288%
62	12.587	1751	1755	1758	rBV	366684	599182	3.06%	0.325%
63	12.696	1765	1773	1777	rBV3	1015569	2306983	11.78%	1.253%
64	12.745	1778	1781	1782	rVV3	281109	309613	1.58%	0.168%
65	12.776	1782	1786	1792	rVB3	1333327	2537945	12.96%	1.379%
66	12.855	1792	1799	1804	rBV6	809105	1950796	9.96%	1.060%
67	12.940	1805	1813	1818	rBV6	1944143	5344315	27.29%	2.903%
68	13.038	1826	1829	1831	rBV3	217144	300446	1.53%	0.163%
69	13.074	1831	1835	1839	rVV	1209826	1702763	8.69%	0.925%
70	13.123	1839	1843	1847	rBV3	895920	1638036	8.36%	0.890%
71	13.184	1851	1853	1857	rVB2	527855	781031	3.99%	0.424%
72	13.288	1863	1870	1875	rBV	2024150	3812861	19.47%	2.071%
73	13.342	1875	1879	1882	rVV2	1573033	2558208	13.06%	1.390%
74	13.373	1882	1884	1886	rVV3	735838	939984	4.80%	0.511%
75	13.410	1886	1890	1892	rVV2	1477736	2608120	13.32%	1.417%
76	13.446	1892	1896	1907	rVV5	2967090	9196364	46.96%	4.995%

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 Title : SFAM01.0

77	13.556	1911	1914	1916	rVV	760286	1102686	5.63%	0.599%
78	13.599	1916	1921	1931	rVB2	2138893	5389306	27.52%	2.927%
79	13.696	1931	1937	1941	rBV4	1336709	2821386	14.41%	1.532%
80	13.763	1945	1948	1952	rVB2	820510	1119524	5.72%	0.608%
81	13.873	1961	1966	1970	rBV3	3029794	5361562	27.38%	2.912%
82	13.916	1970	1973	1979	rVV3	1684328	2802391	14.31%	1.522%
83	13.977	1979	1983	1987	rVB2	1646378	2341268	11.96%	1.272%
84	14.190	2014	2018	2022	rBV	1363281	2157772	11.02%	1.172%
85	14.257	2025	2029	2035	rVB4	2325381	3917924	20.01%	2.128%
86	14.312	2035	2038	2042	rVB3	1144371	1623190	8.29%	0.882%
87	14.379	2043	2049	2054	rBV3	5517100	10639494	54.33%	5.779%
88	14.495	2063	2068	2072	rBV4	2396395	5136348	26.23%	2.790%
89	14.543	2074	2076	2081	rVB3	2459516	3251438	16.60%	1.766%
90	14.653	2091	2094	2103	rVB2	1222112	1943530	9.92%	1.056%
91	14.732	2103	2107	2112	rBV4	1485992	3005989	15.35%	1.633%
92	14.793	2113	2117	2121	rVV	2867689	5177626	26.44%	2.812%
93	14.848	2122	2126	2135	rVB4	3207924	5727648	29.25%	3.111%
94	14.921	2135	2138	2142	rBV2	1102038	1852084	9.46%	1.006%
95	15.117	2167	2170	2174	rVB4	1124108	1454357	7.43%	0.790%
96	15.318	2198	2203	2210	rVB	11671232	19583817	100.00%	10.637%
97	15.391	2210	2215	2220	rBV4	1786334	3953533	20.19%	2.147%
98	15.568	2240	2244	2249	rBV5	1105740	2182135	11.14%	1.185%
99	15.623	2250	2253	2256	rBV3	638562	877163	4.48%	0.476%
100	16.275	2355	2360	2368	rVB	4493499	8602472	43.93%	4.673%

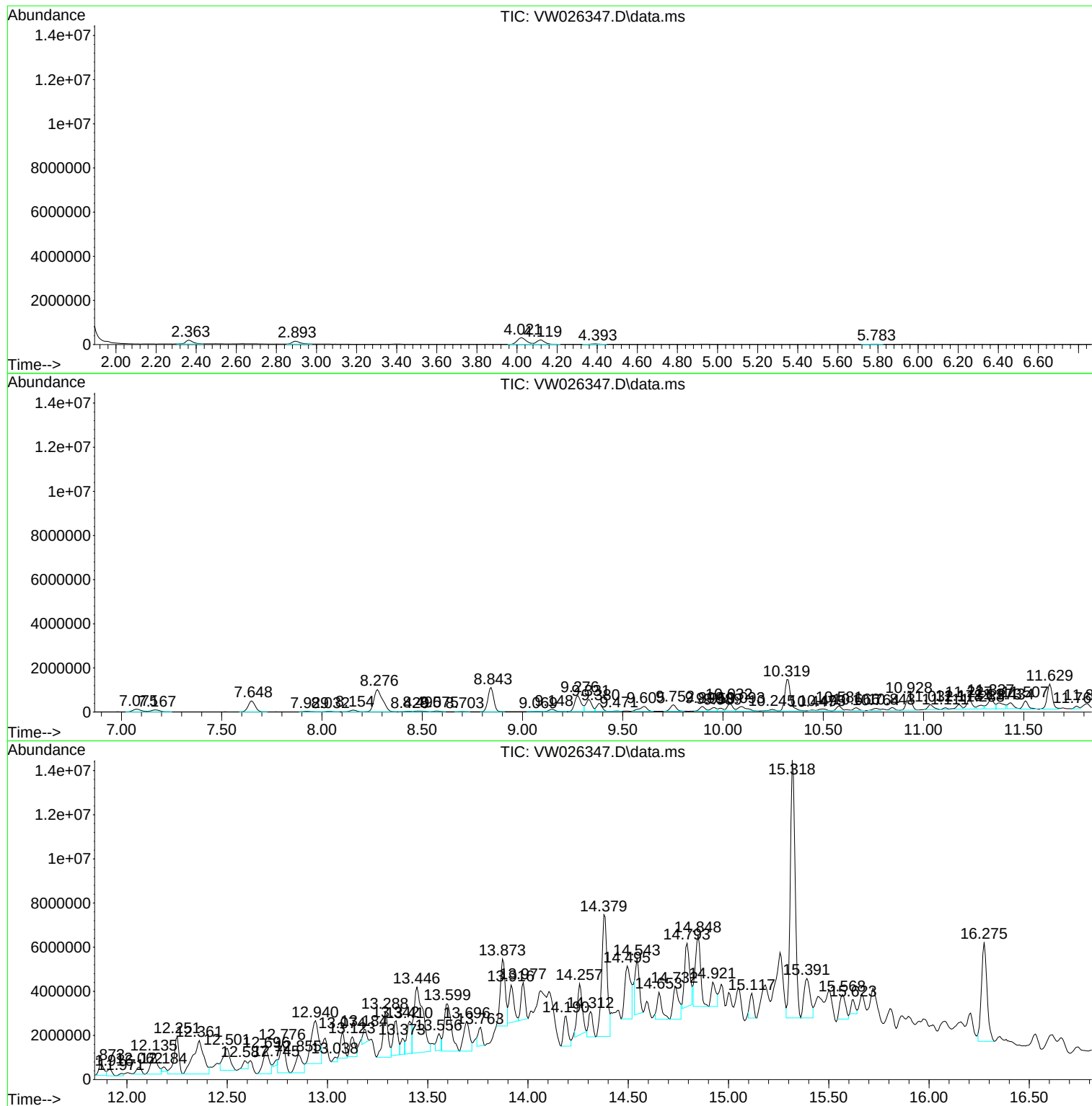
Sum of corrected areas: 184107038

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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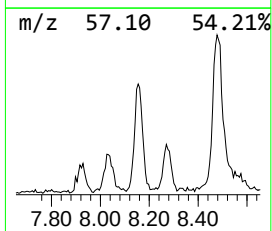
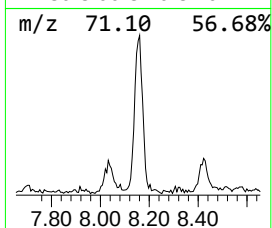
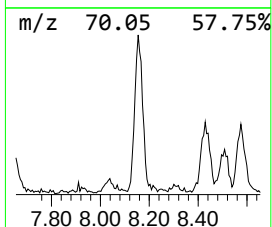
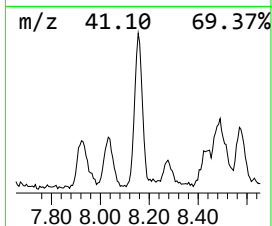
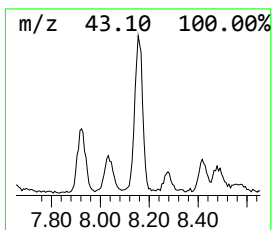
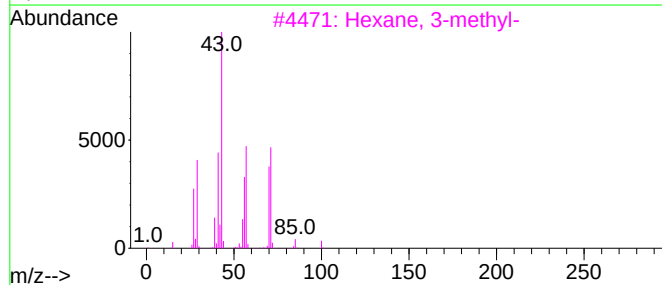
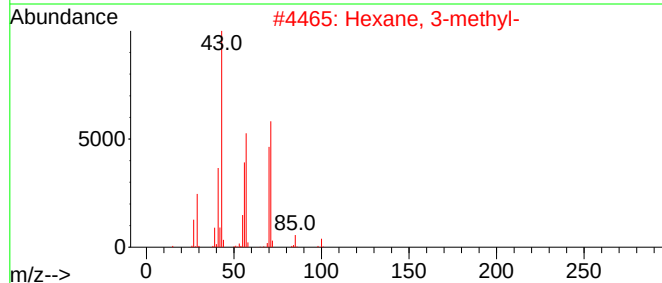
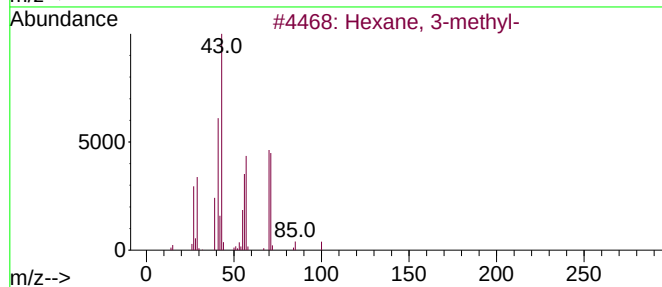
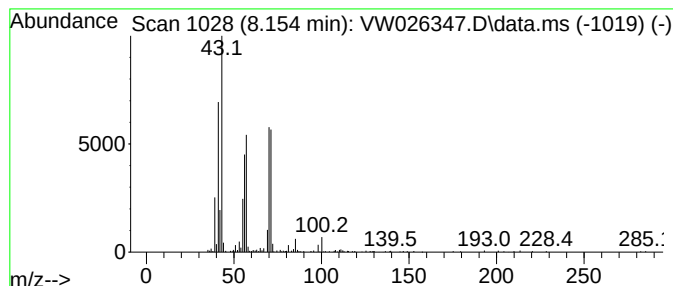
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.154	1.97 ug/L	172421	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	87
3			Hexane, 3-methyl-	100	C7H16	000589-34-4	80
4			Heptane	100	C7H16	000142-82-5	59
5			Heptane	100	C7H16	000142-82-5	53



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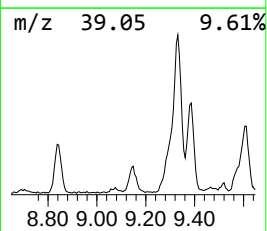
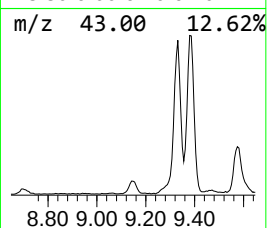
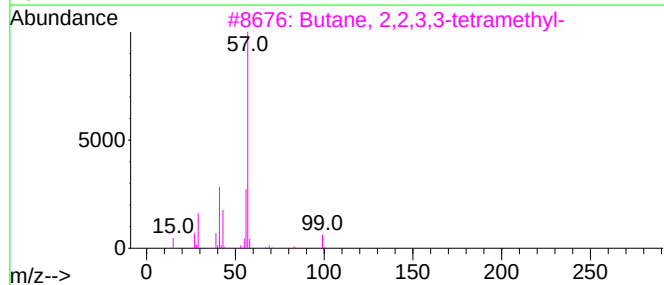
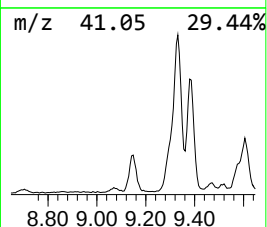
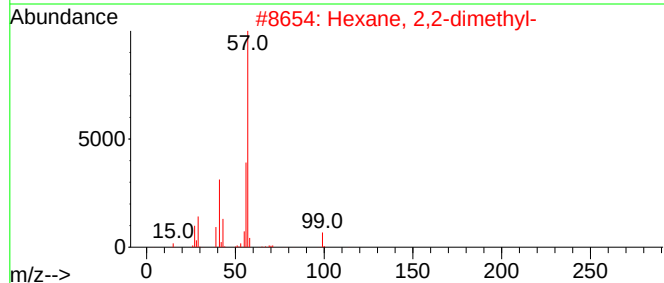
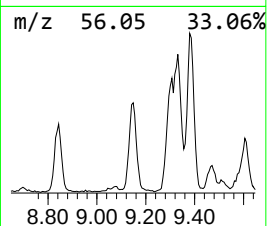
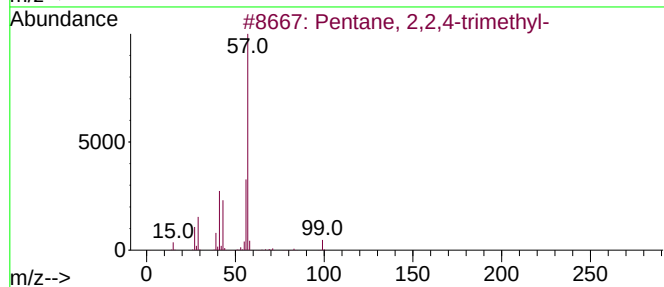
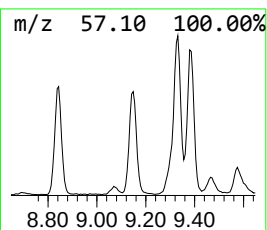
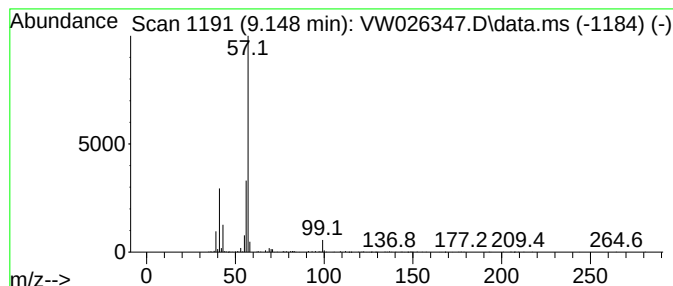
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.148	2.48 ug/L	216531	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
2		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
4		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
5		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59



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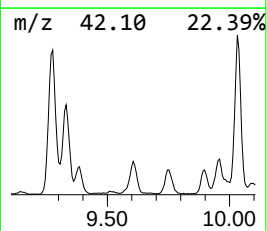
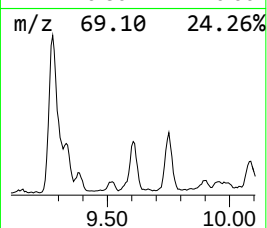
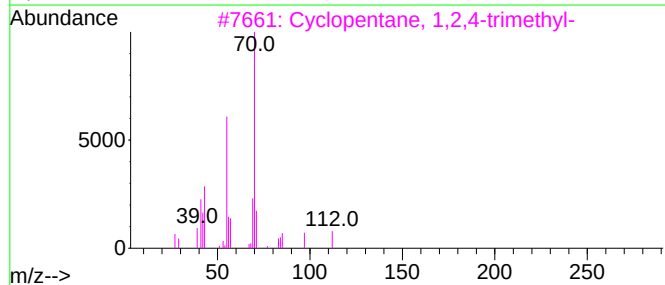
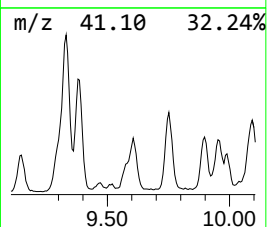
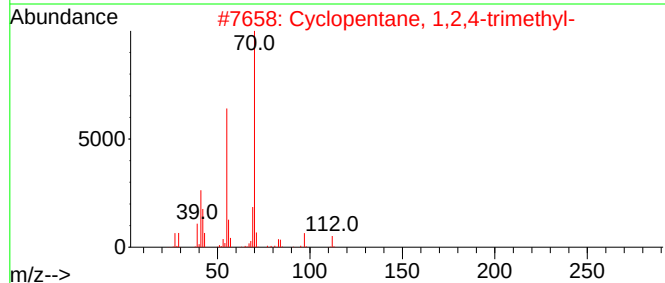
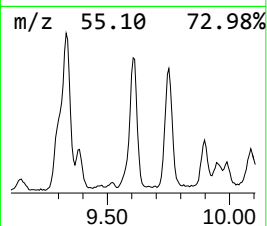
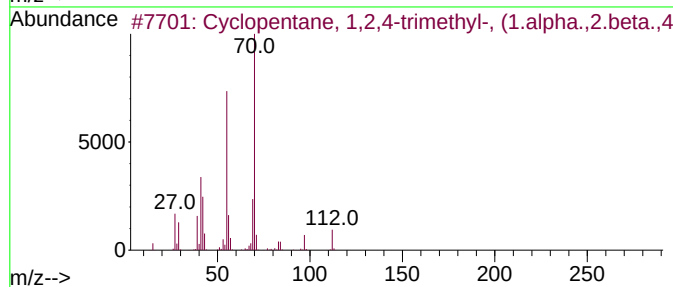
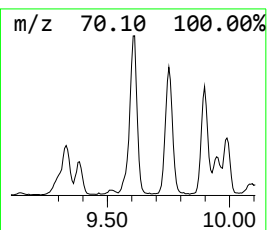
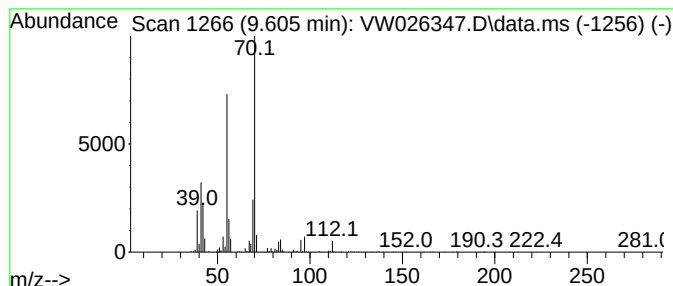
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic9.605 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.605	6.86 ug/L	600008	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
2			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
4			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	86
5			Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

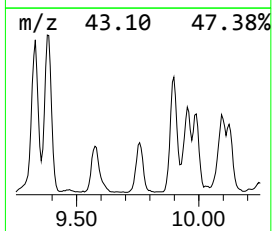
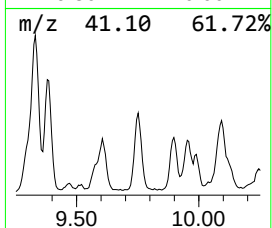
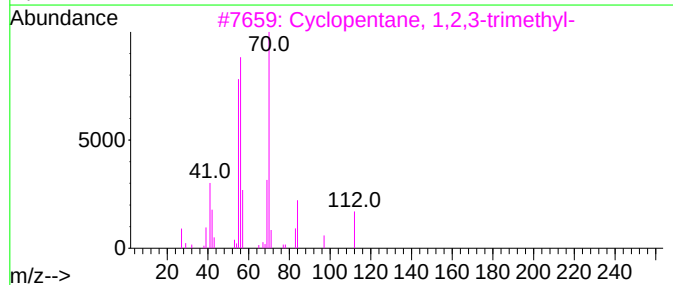
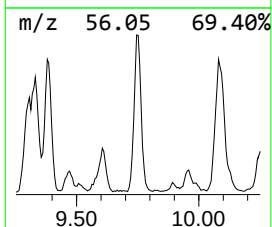
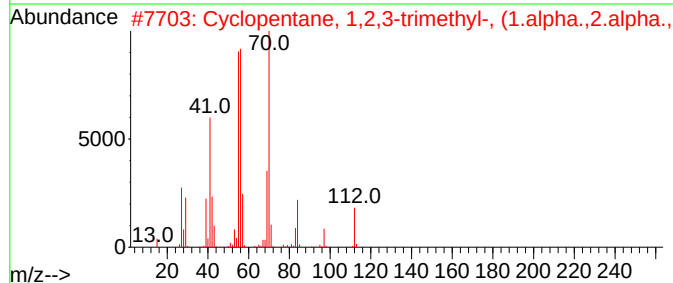
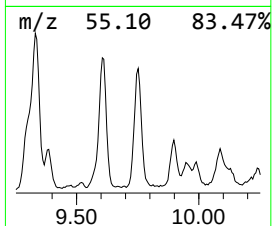
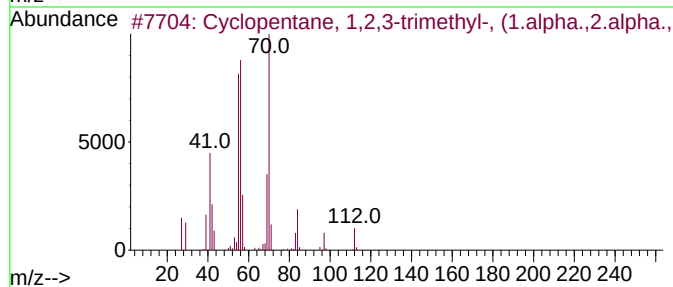
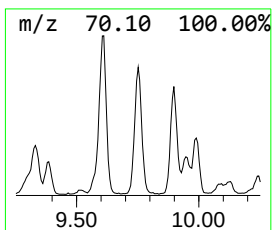
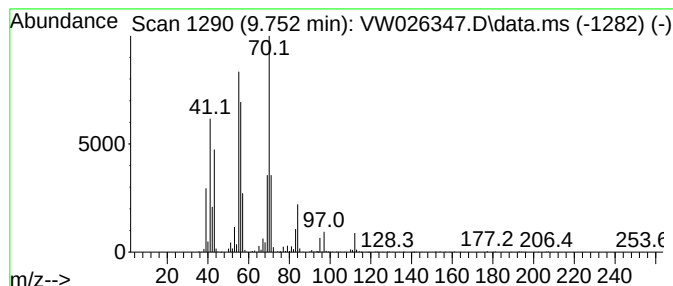
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic9.752 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	6.97 ug/L	609712	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
2			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
3			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002815-57-8	80
4			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72
5			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

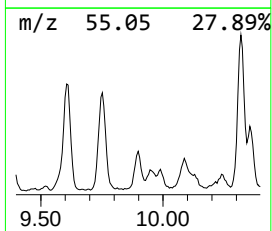
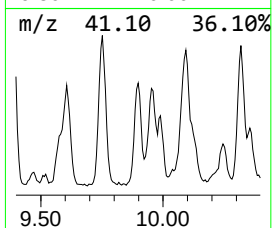
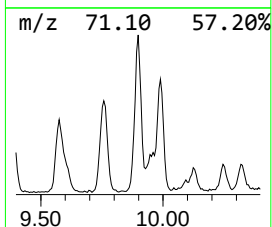
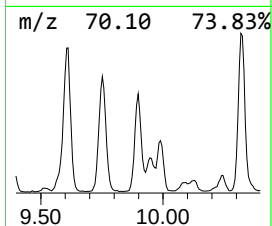
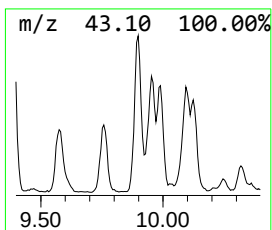
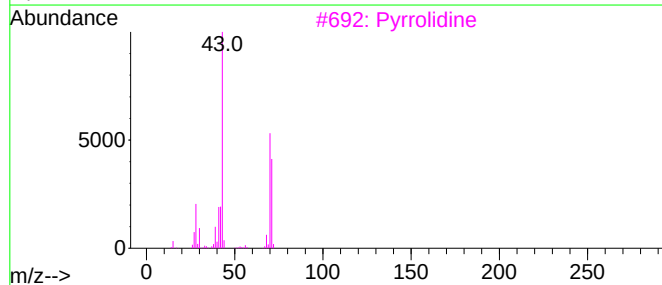
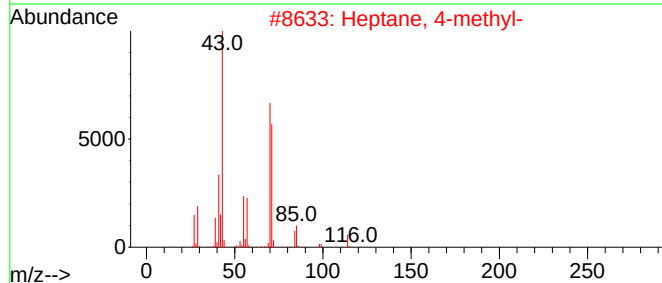
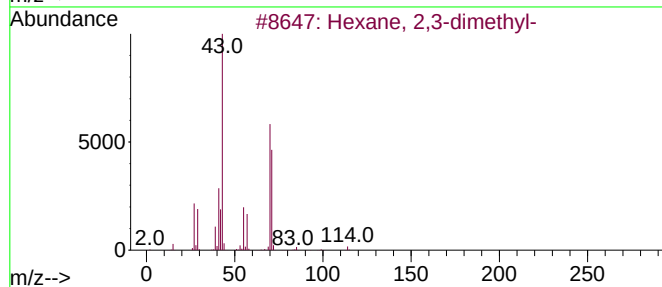
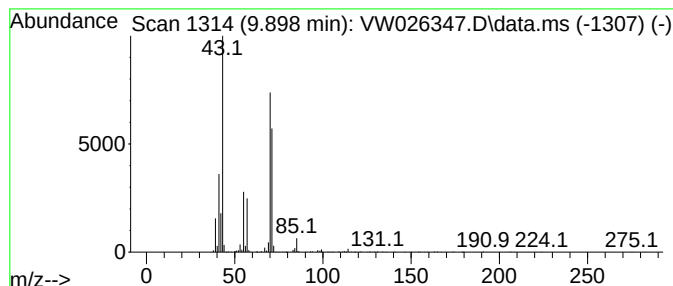
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.898	4.55 ug/L	398206	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	Pyrrolidine	71	C4H9N	000123-75-1	78
4	Diisooamyl ether	158	C10H22O	000544-01-4	78
5	Butanoic acid, 3-methylbutyl ester	158	C9H18O2	000106-27-4	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

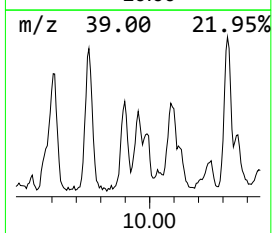
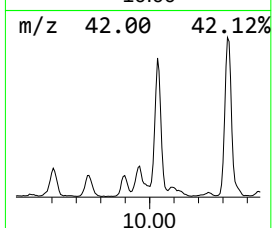
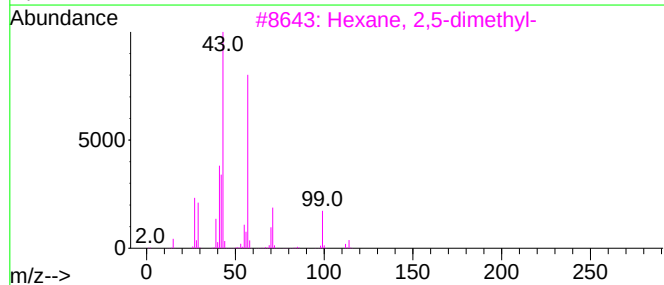
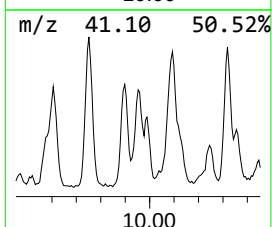
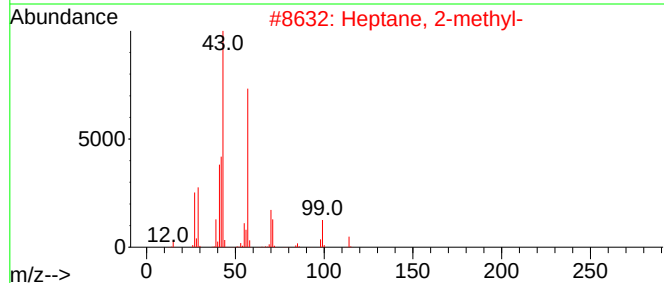
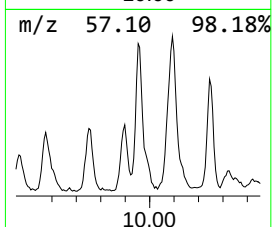
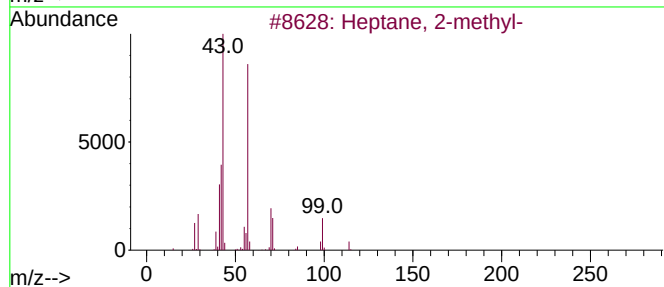
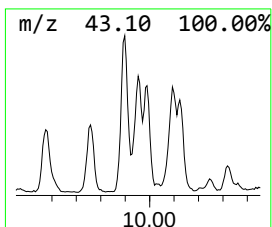
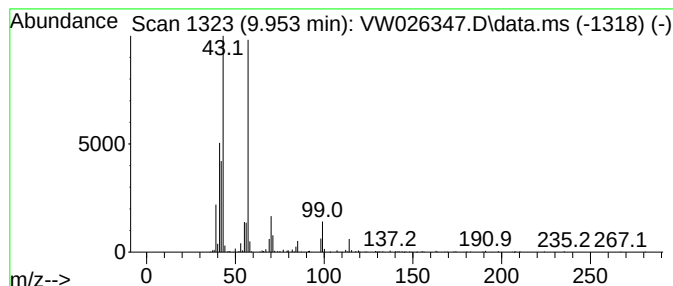
Instrument :
MSVOA_W
ClientSampleId :
A4644

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.953	3.52 ug/L	307812	1,4-Difluorobenzene	8.843	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	80
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

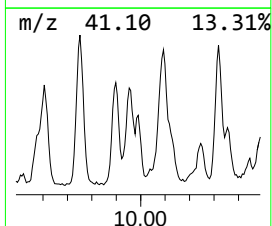
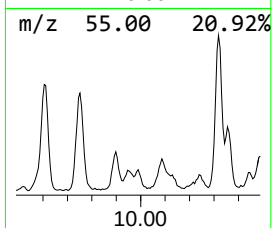
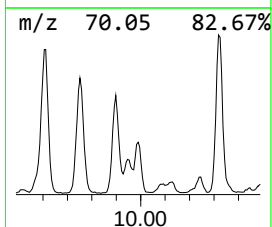
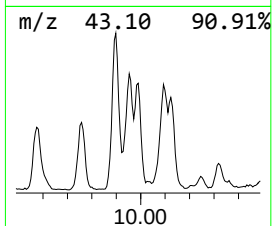
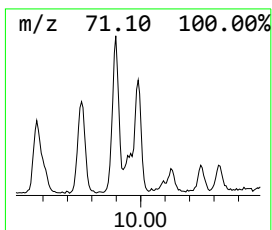
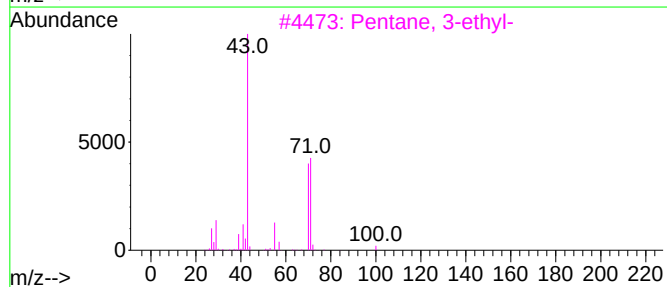
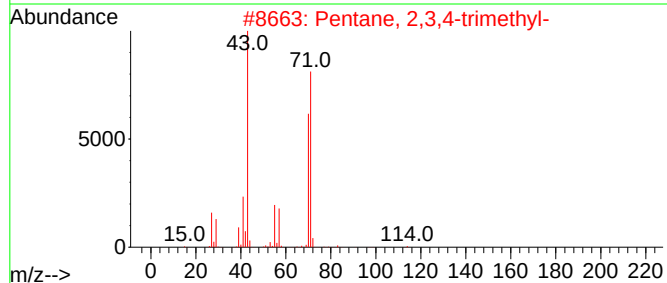
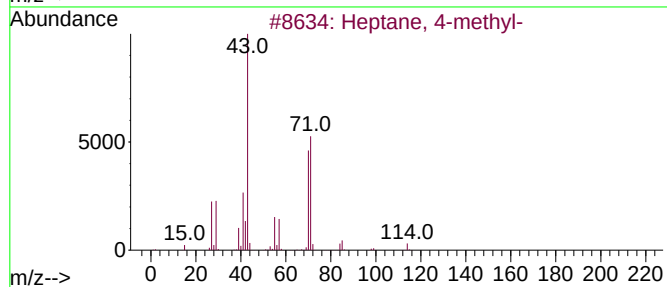
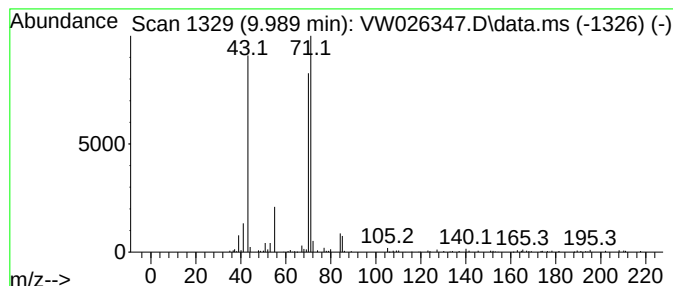
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.989	2.37 ug/L	206993	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 4-methyl-	114	C8H18	000589-53-7	83
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
3			Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
5			1-Butanol, 3-methyl-, carbonate ...	202	C11H22O3	002050-95-5	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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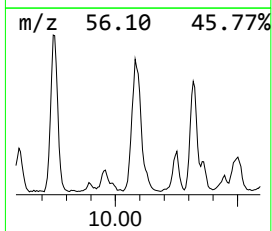
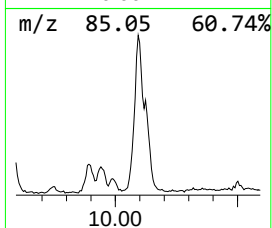
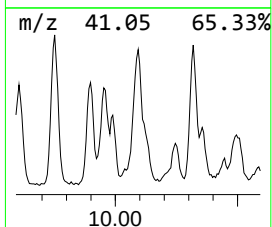
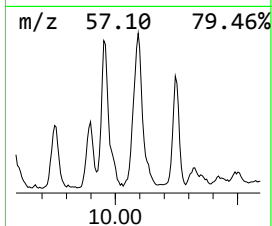
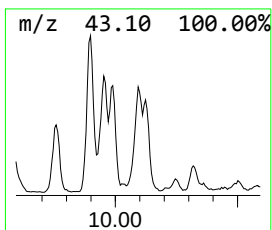
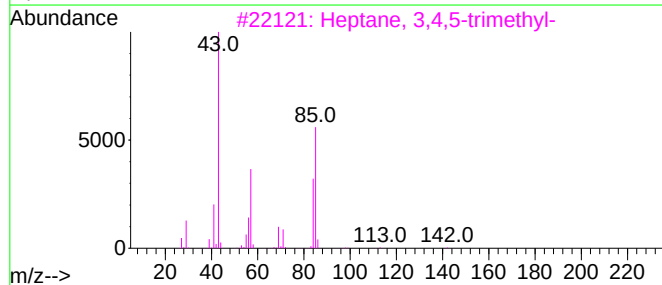
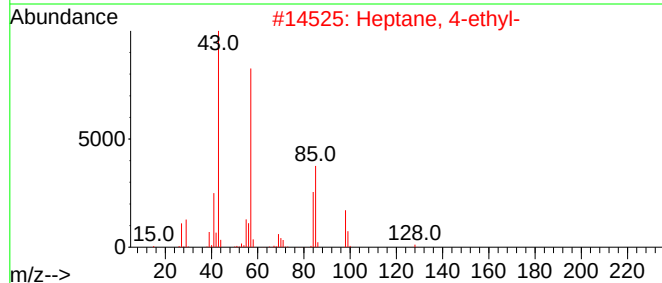
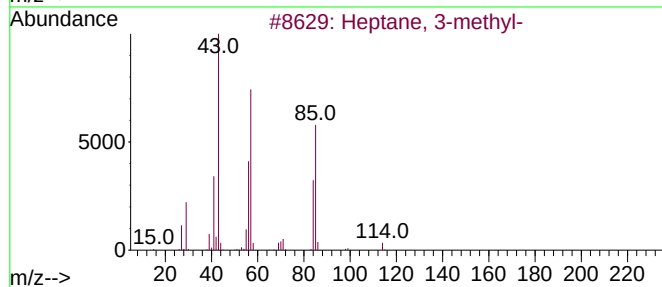
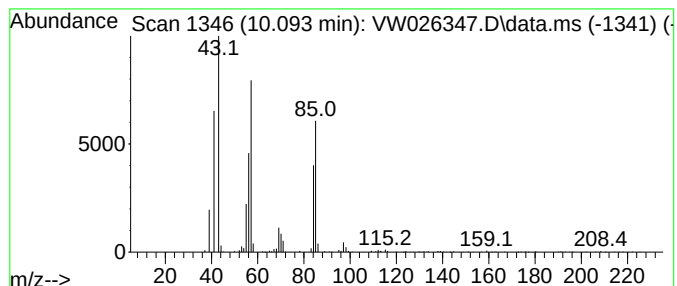
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	7.03 ug/L	615398	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	78
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	59
3			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
4			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59
5			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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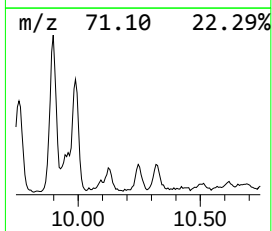
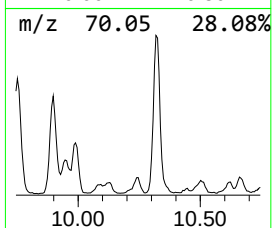
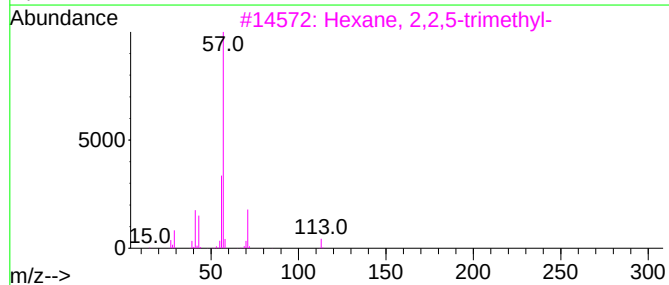
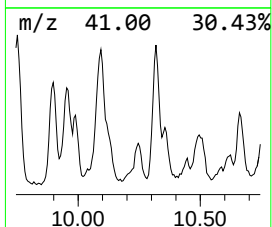
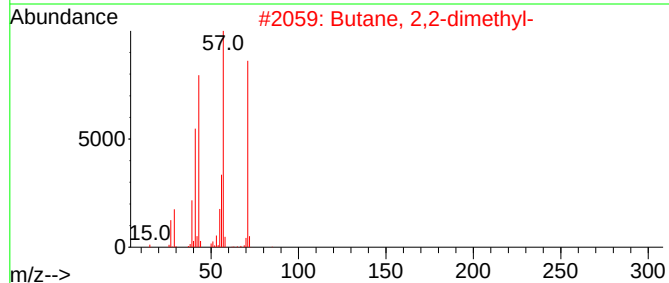
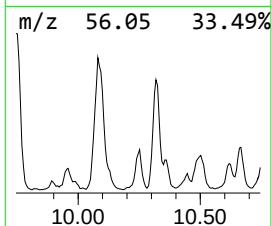
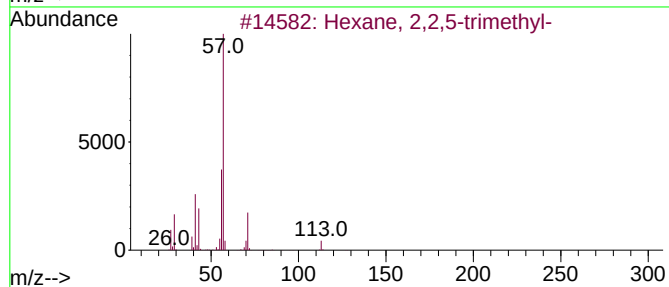
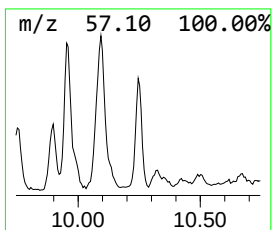
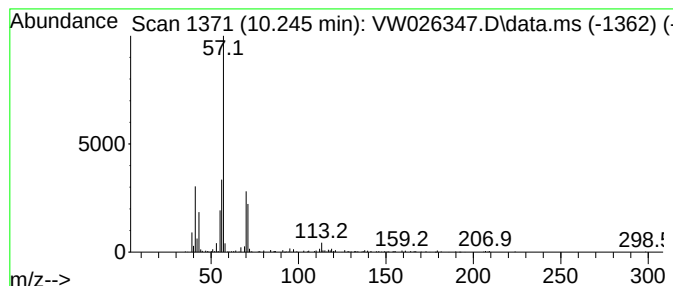
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.246	1.71 ug/L	140524	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
2			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50
3			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	42
4			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	42
5			Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

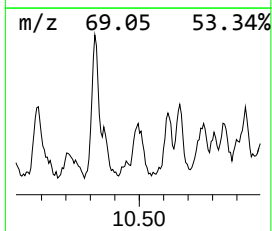
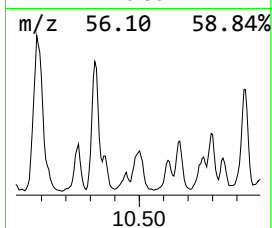
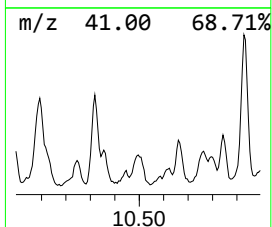
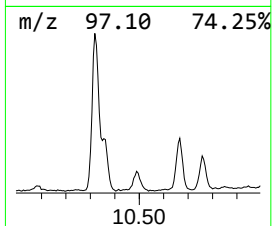
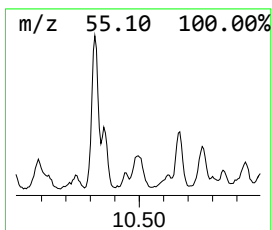
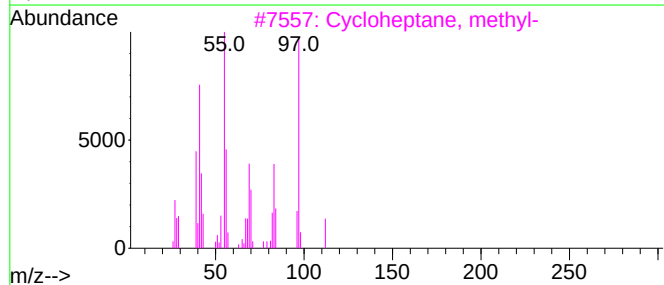
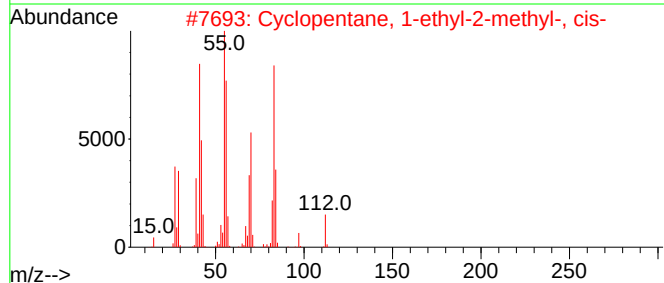
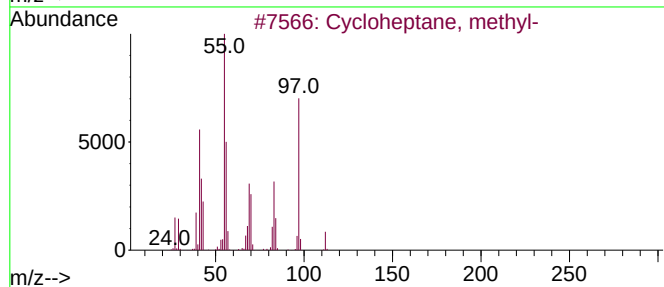
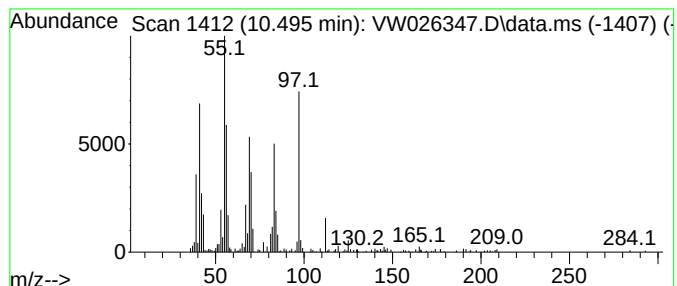
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic10.495 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.495	2.71 ug/L	223247	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloheptane, methyl-	112	C8H16	004126-78-7	64
2			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	60
3			Cycloheptane, methyl-	112	C8H16	004126-78-7	49
4			1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1010338-28-2	46
5			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

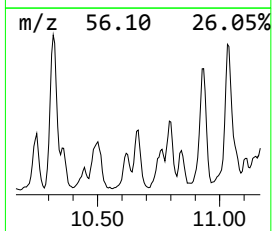
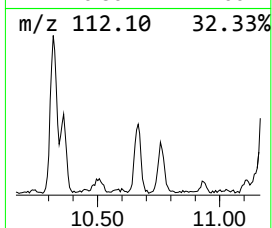
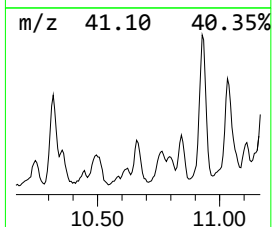
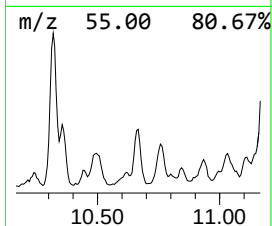
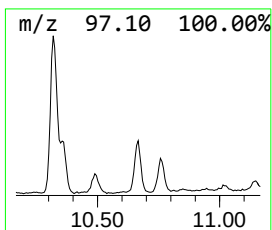
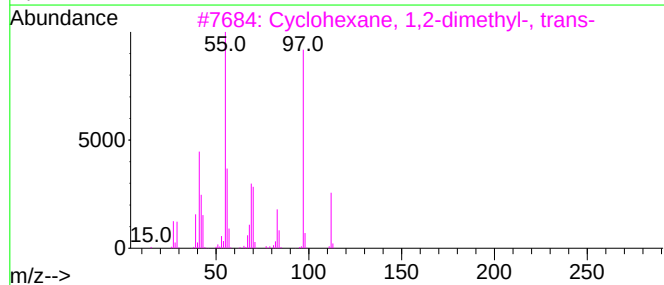
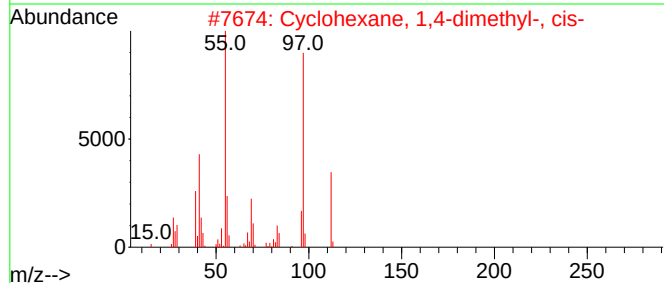
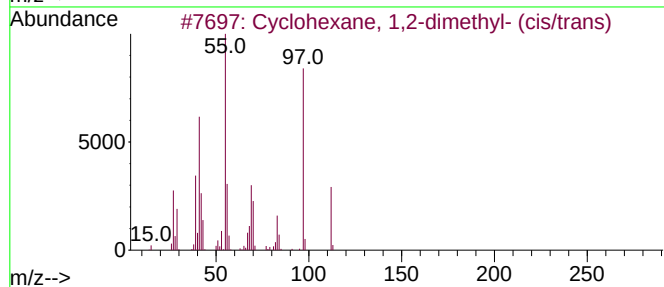
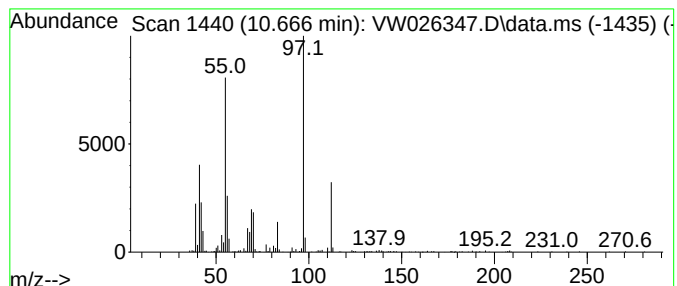
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic10.666 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	2.77 ug/L	228325	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
2			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
5			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

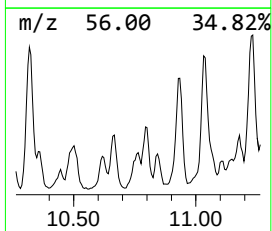
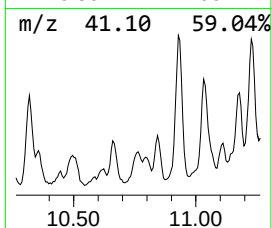
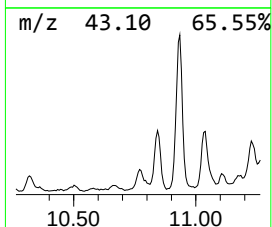
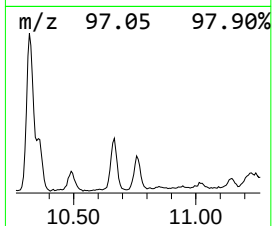
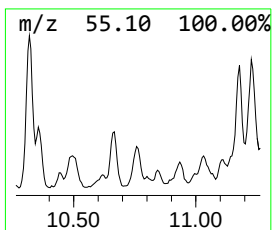
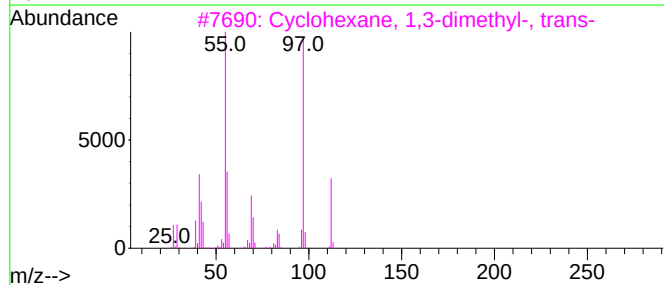
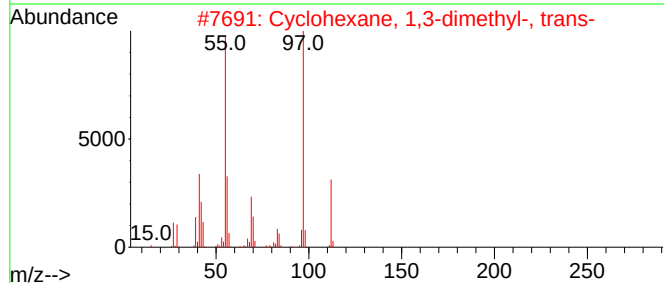
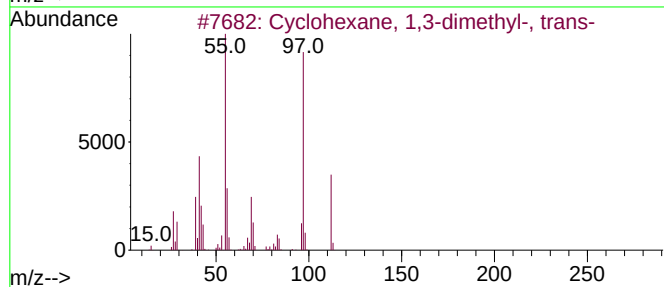
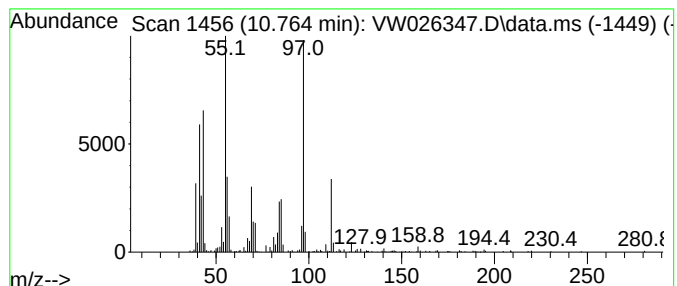
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic10.764 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.764	2.86 ug/L	235288	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
5			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

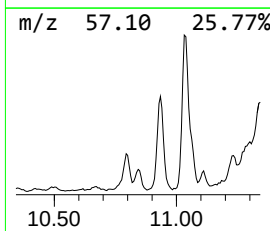
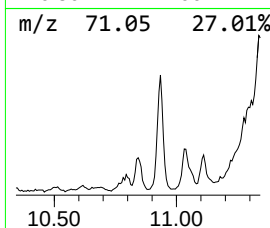
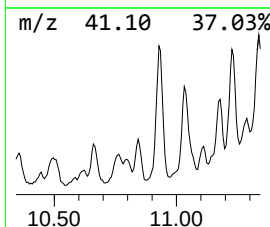
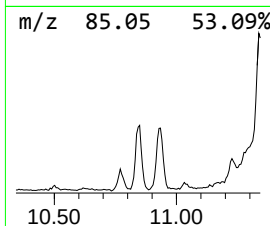
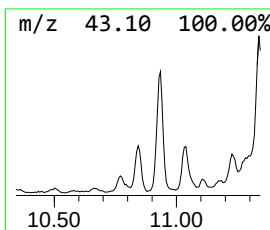
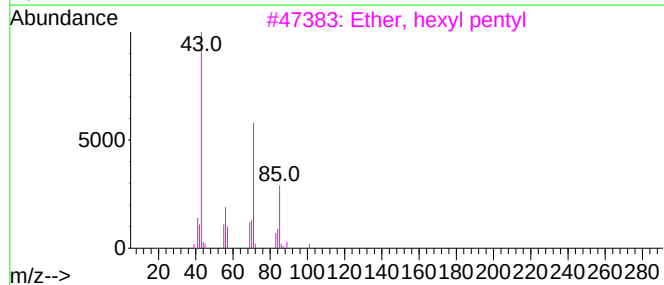
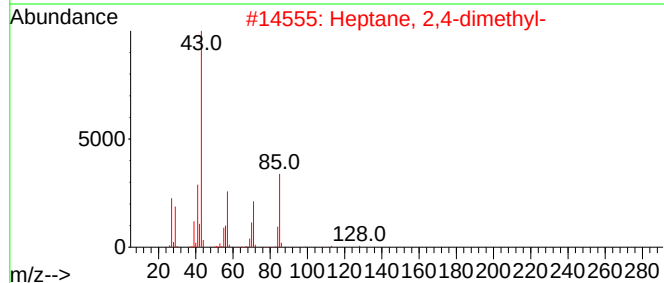
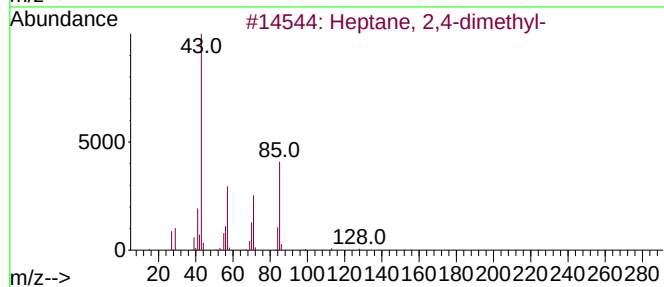
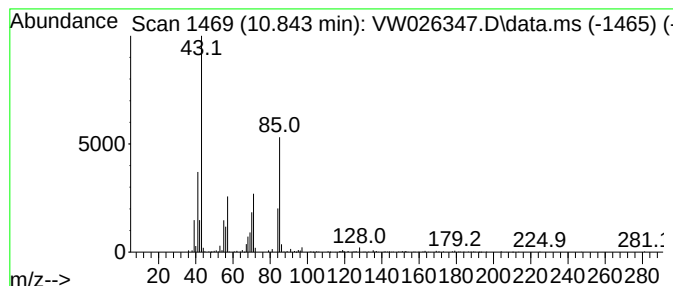
Instrument :
MSVOA_W
ClientSampleId :
A4644

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.843	2.57 ug/L	211418	Chlorobenzene-d5			11.629
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	80
2	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	78
3	Ether, hexyl pentyl		172	C11H24O	032357-83-8	72
4	Hexane, 2,3,5-trimethyl-		128	C9H20	001069-53-0	68
5	Octane, 4-methyl-		128	C9H20	002216-34-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

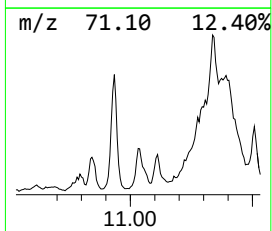
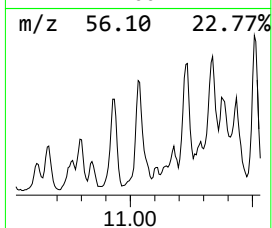
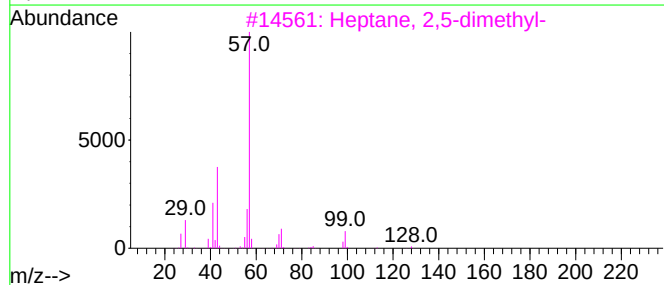
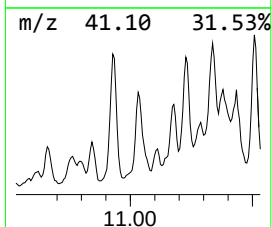
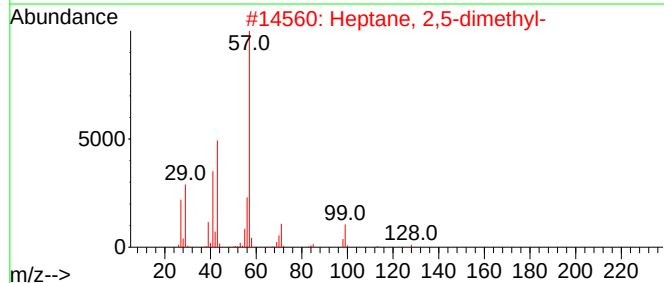
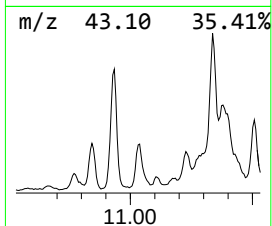
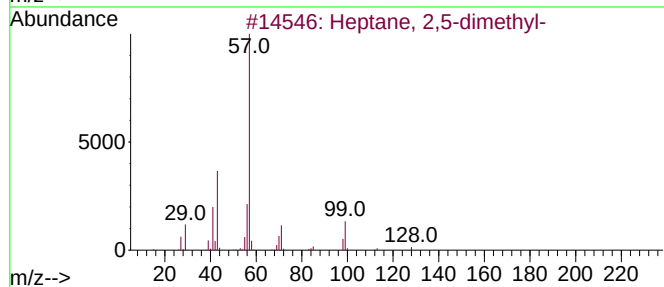
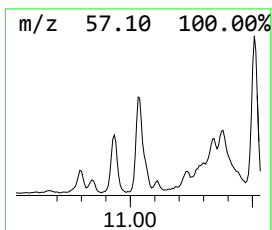
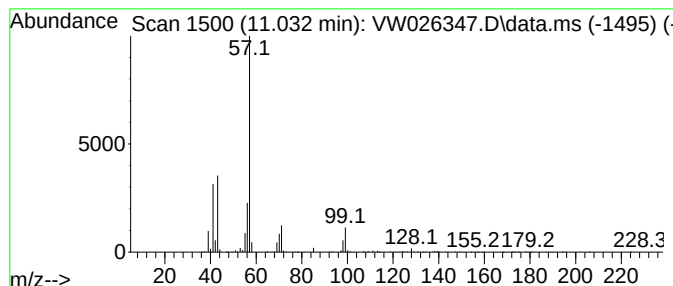
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.032	5.43 ug/L	446629	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
4			Octane, 3-methyl-	128	C9H20	002216-33-3	90
5			Octane, 3-methyl-	128	C9H20	002216-33-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

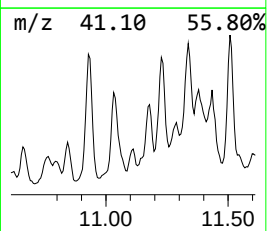
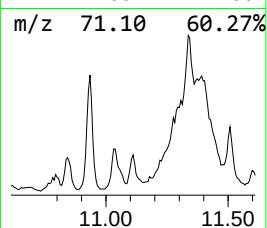
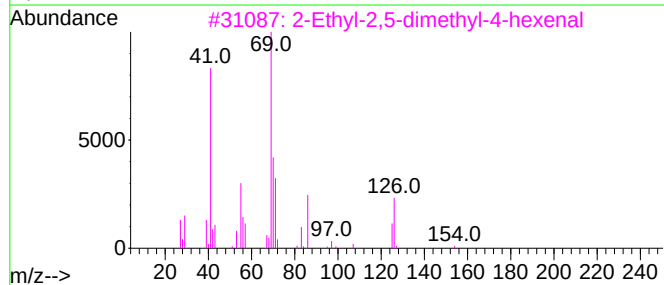
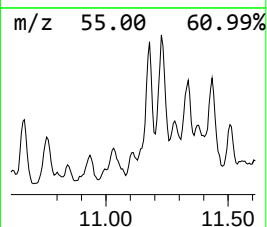
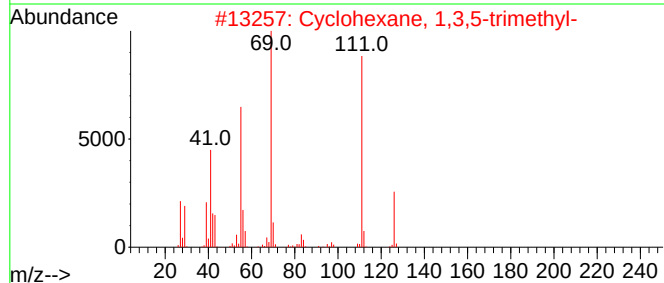
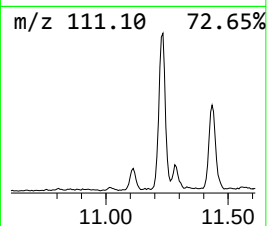
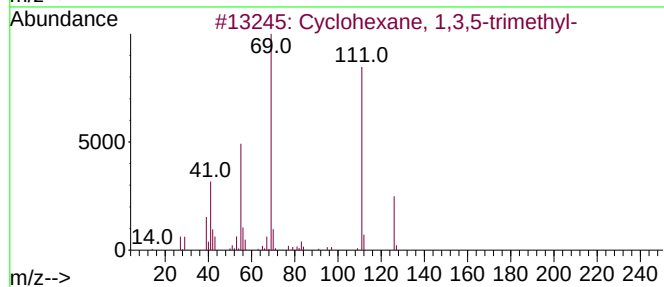
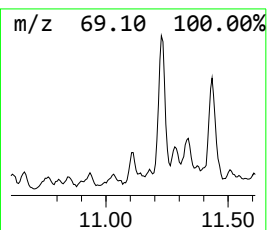
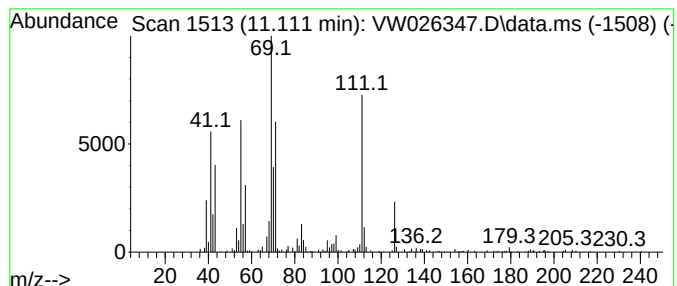
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic11.111 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.111	1.65 ug/L	135735	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	60
2		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	53
3		2-Ethyl-2,5-dimethyl-4-hexenal	154	C10H18O	1010433-27-1	52
4		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	52
5		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

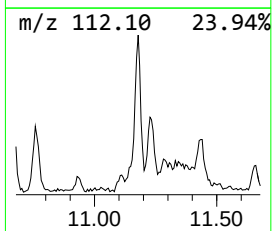
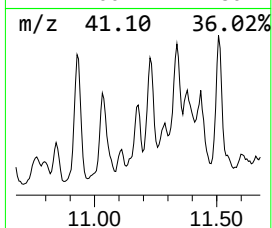
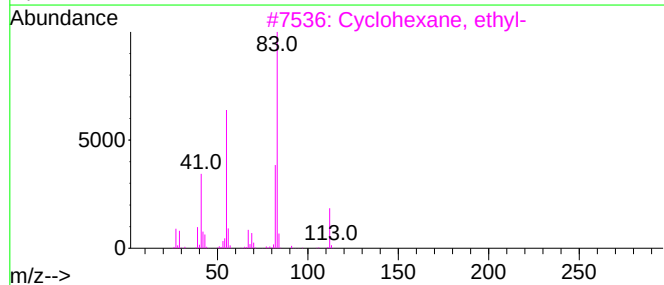
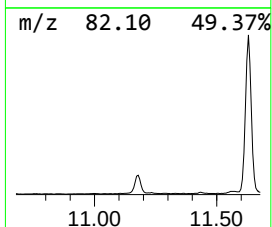
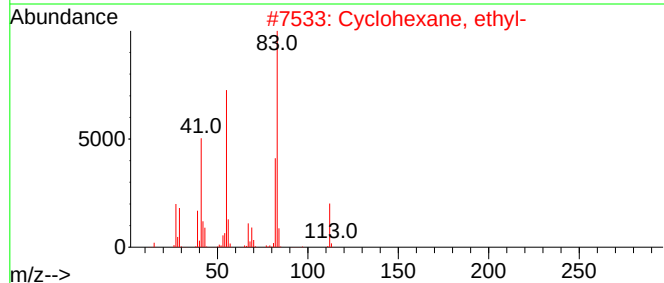
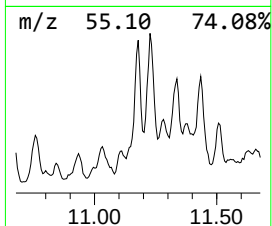
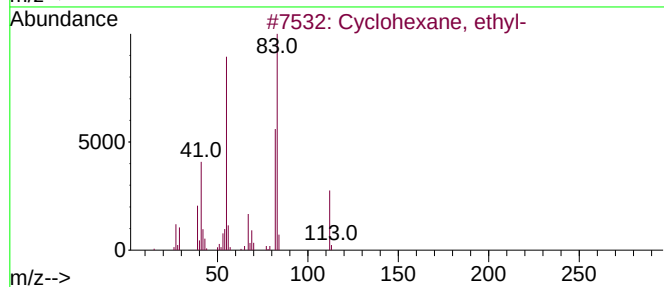
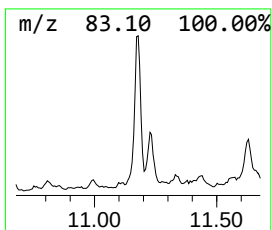
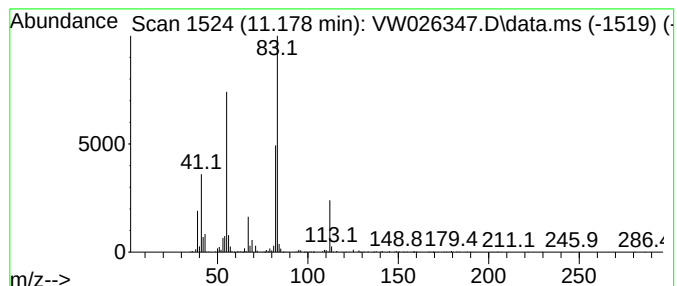
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Cyclic11.178 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	4.26 ug/L	350424	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

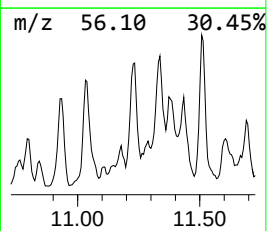
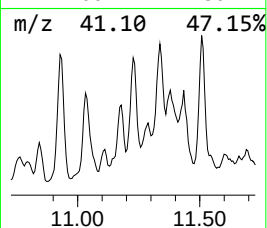
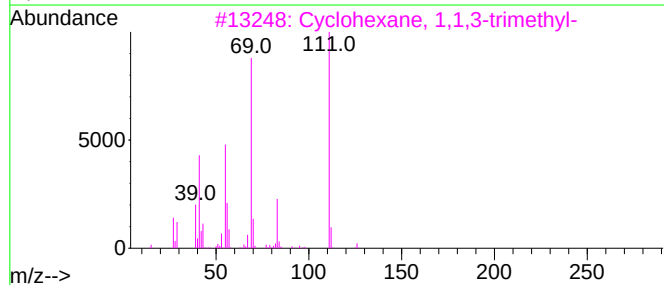
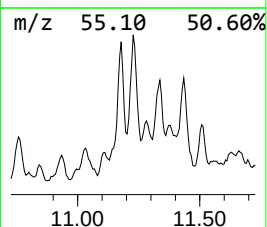
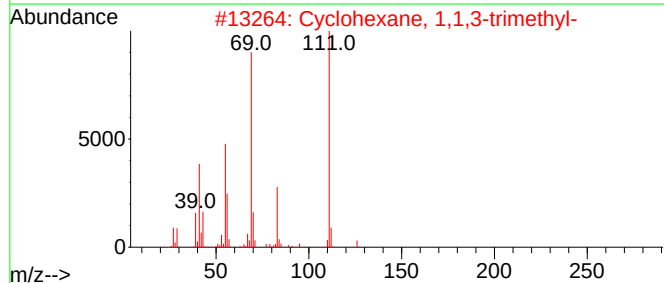
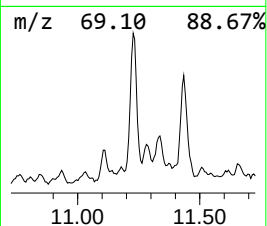
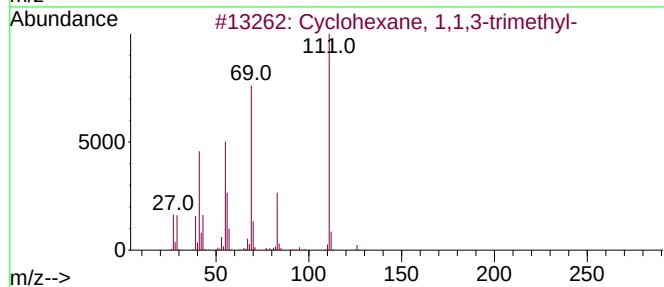
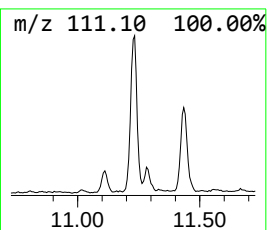
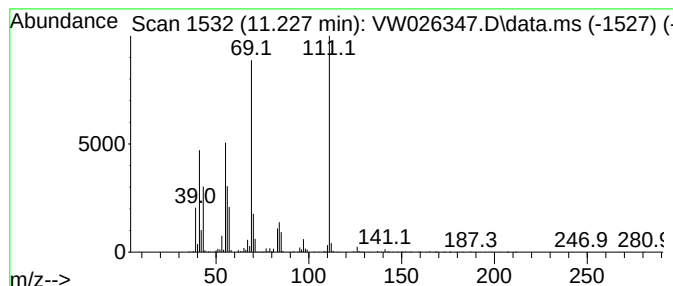
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic11.227 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	9.59 ug/L	788820	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
5			2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

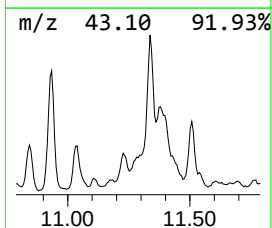
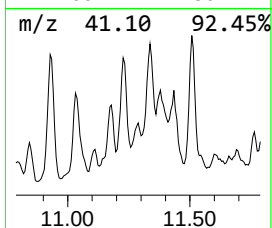
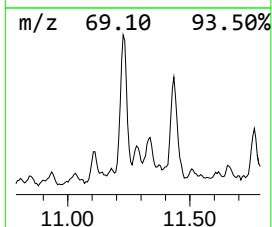
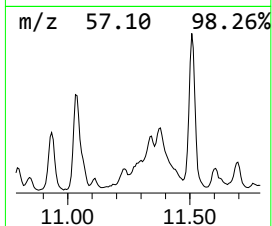
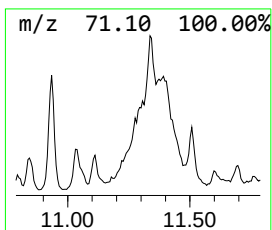
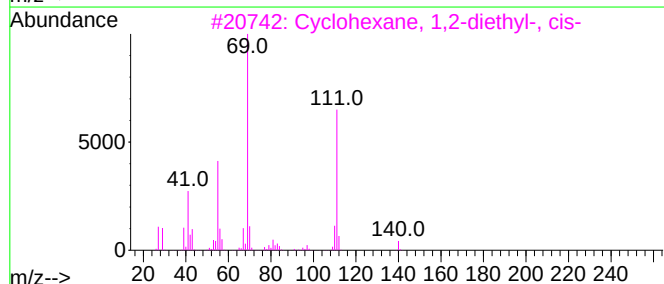
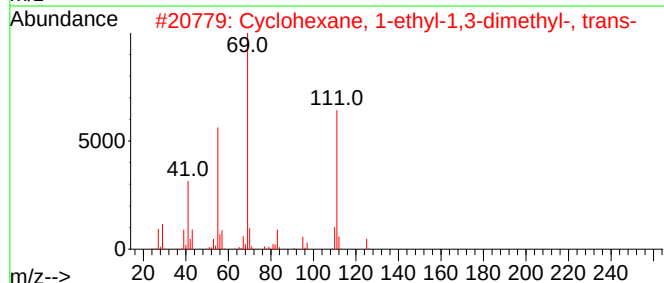
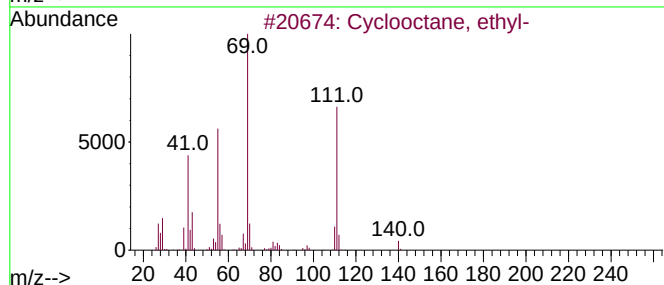
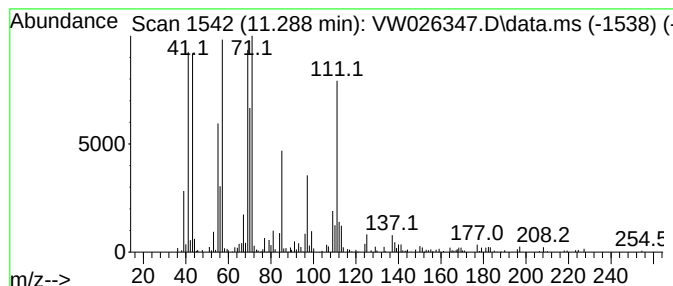
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Cyclic11.288 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.288	3.94 ug/L	323933	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, ethyl-	140	C10H20	013152-02-8	43
2	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	38
3	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	38
4	Cyclooctane, ethyl-	140	C10H20	013152-02-8	38
5	3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

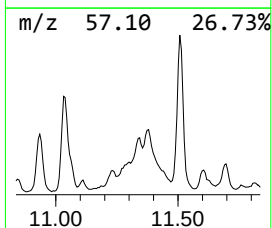
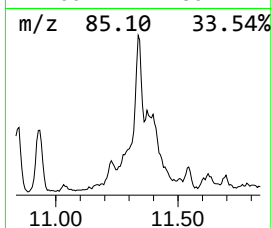
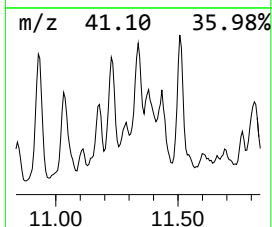
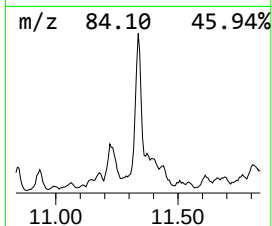
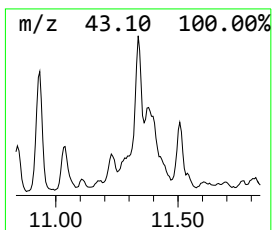
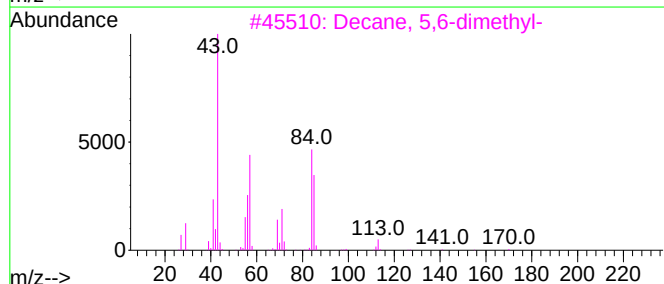
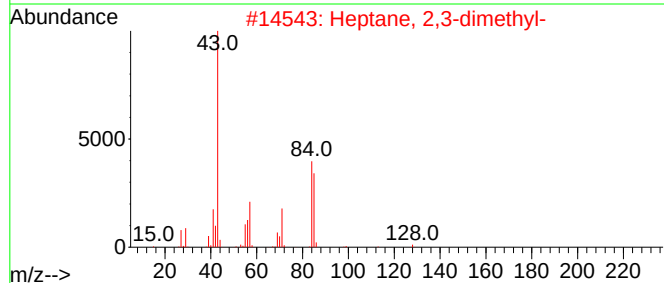
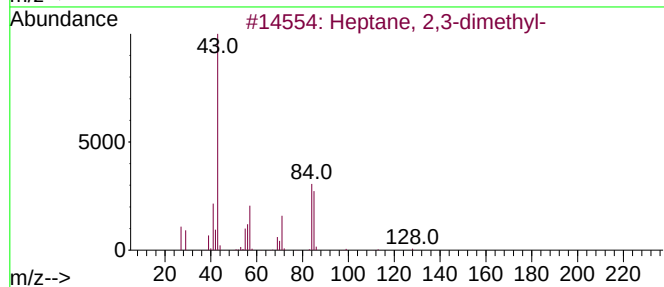
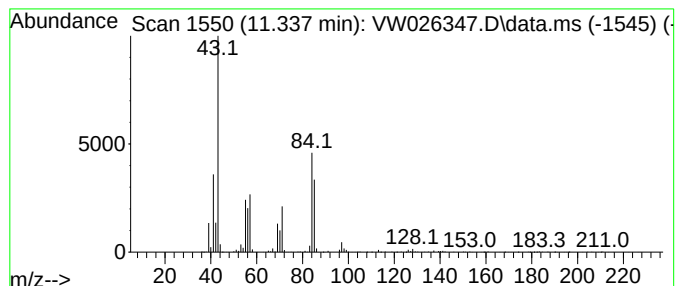
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.337	11.97 ug/L	985235	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	87
2	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	87
3	Decane, 5,6-dimethyl-		170	C12H26	001636-43-7	72
4	Hexane, 3-ethyl-		114	C8H18	000619-99-8	72
5	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

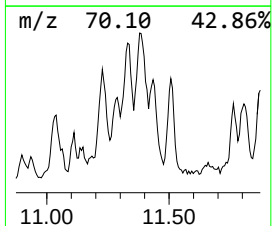
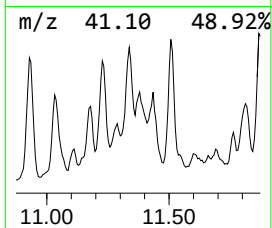
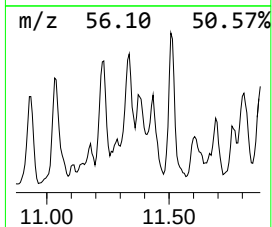
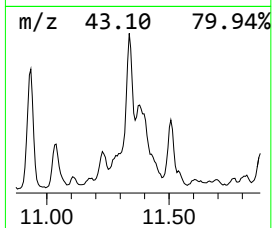
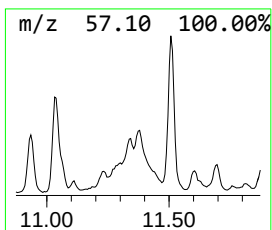
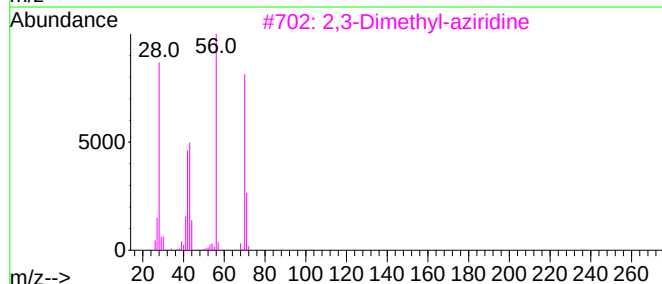
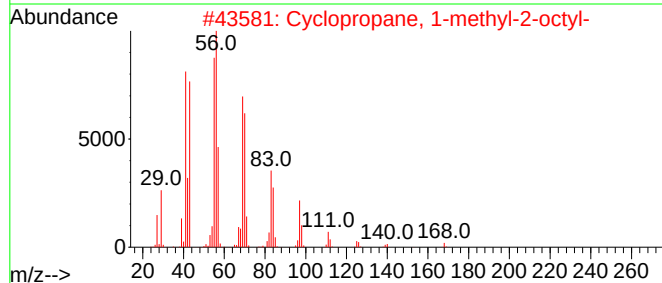
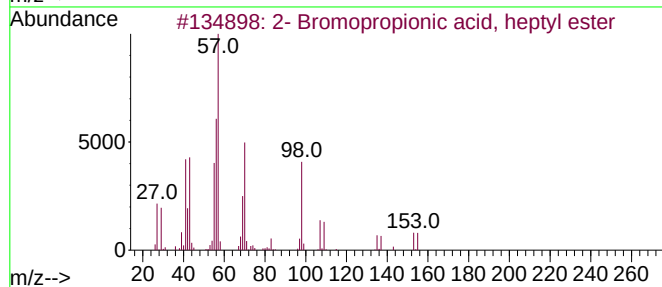
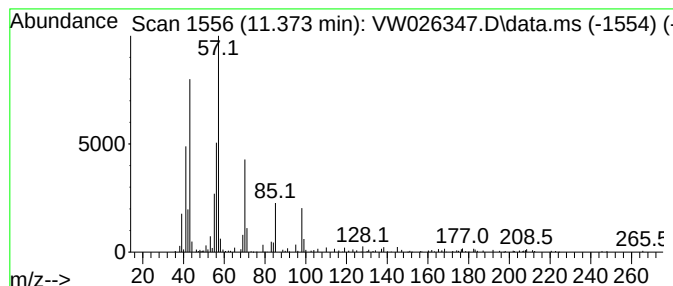
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 2- Bromopropionic acid, hep... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.373	7.92 ug/L	651650	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2- Bromopropionic acid, heptyl e...		250	C10H19BrO2	038674-99-6	59
2	Cyclopropane, 1-methyl-2-octyl-		168	C12H24	037617-26-8	47
3	2,3-Dimethyl-aziridine		71	C4H9N	002549-68-0	47
4	1-Octene, 3,7-dimethyl-		140	C10H20	004984-01-4	46
5	Pentane, 2,4-dimethyl-		100	C7H16	000108-08-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

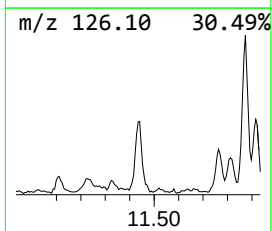
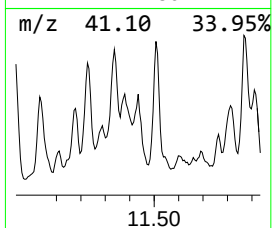
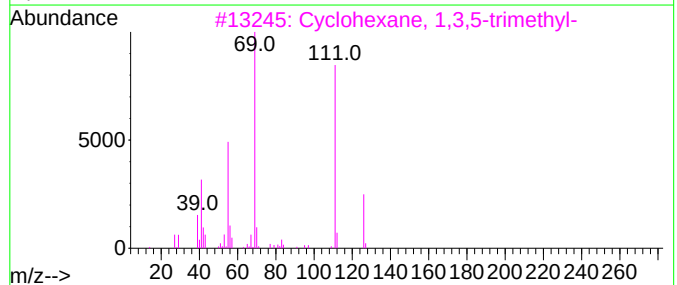
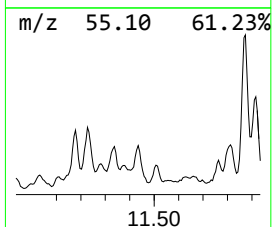
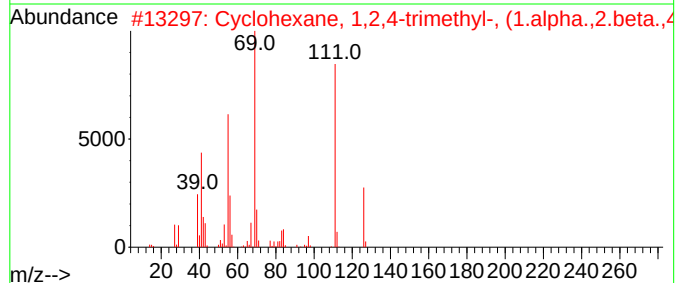
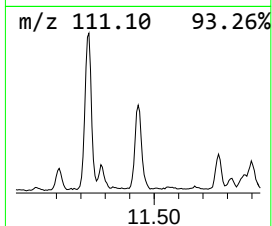
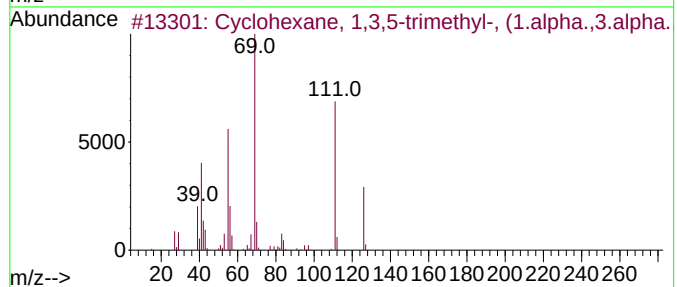
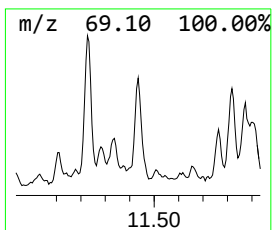
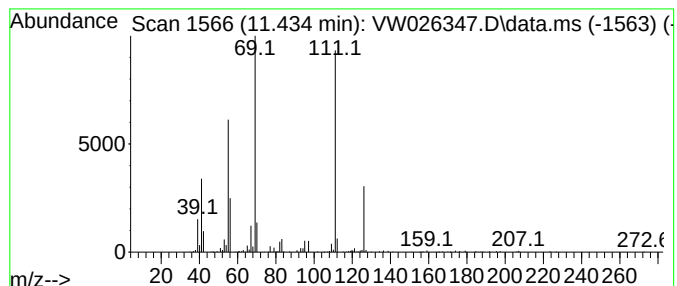
Instrument :
MSVOA_W
ClientSampleId :
A4644

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Cyclic11.434 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.434	5.91 ug/L	486199	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...		126	C9H18	001795-26-2	91
2	Cyclohexane, 1,2,4-trimethyl-, (...		126	C9H18	007667-60-9	86
3	Cyclohexane, 1,3,5-trimethyl-		126	C9H18	001839-63-0	86
4	Cyclohexane, 1,3,5-trimethyl-, (...		126	C9H18	001795-27-3	86
5	Cyclohexane, 1,3,5-trimethyl-		126	C9H18	001839-63-0	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

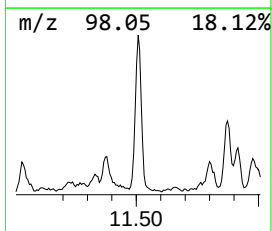
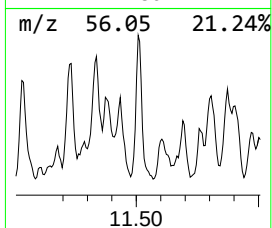
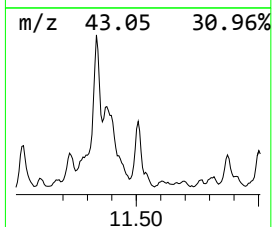
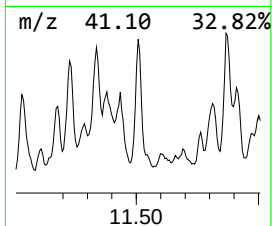
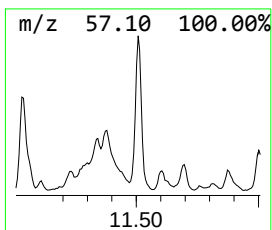
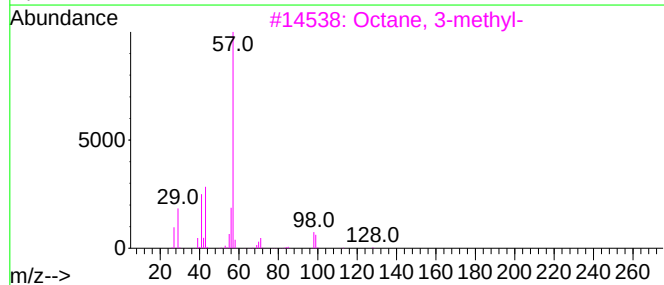
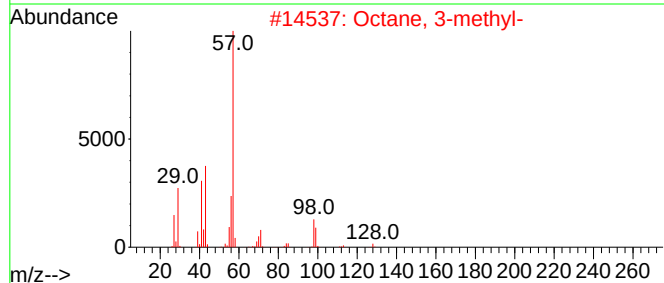
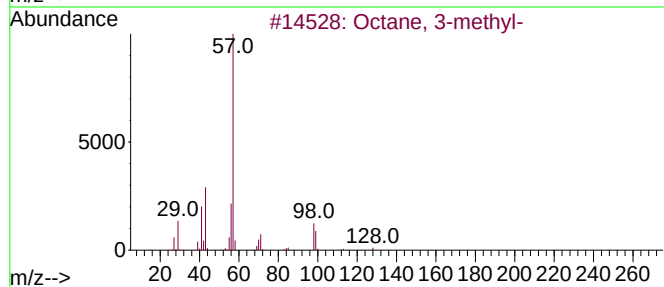
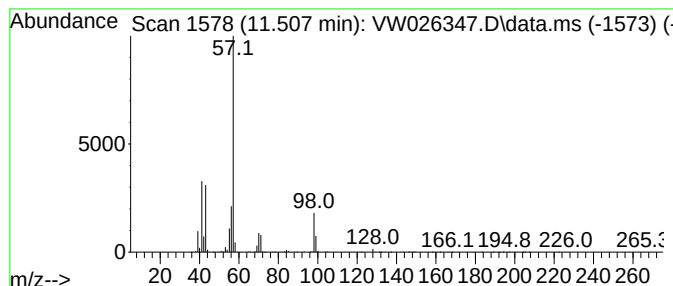
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.507	8.10 ug/L	666789	Chlorobenzene-d5			11.629
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	90
2		Octane, 3-methyl-	128	C9H20	002216-33-3	86
3		Octane, 3-methyl-	128	C9H20	002216-33-3	80
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
5		Heptane, 4-propyl-	142	C10H22	003178-29-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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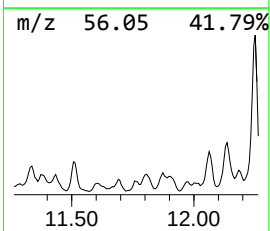
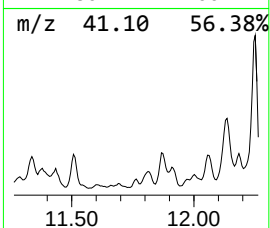
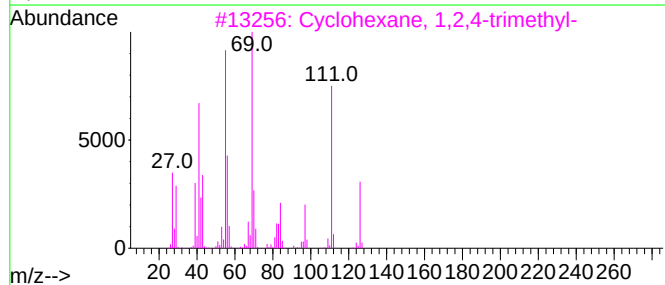
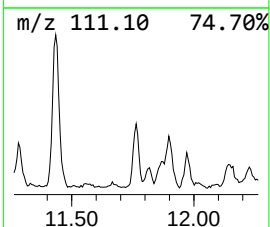
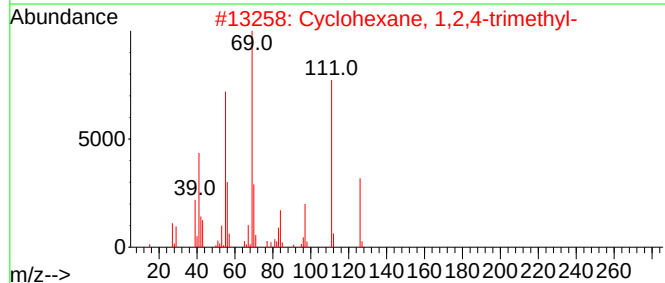
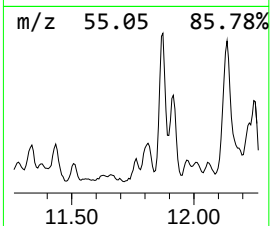
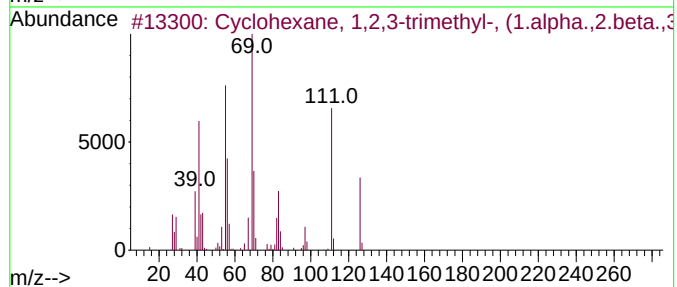
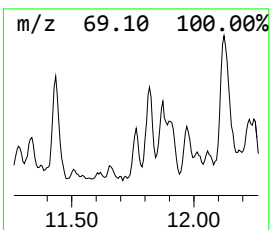
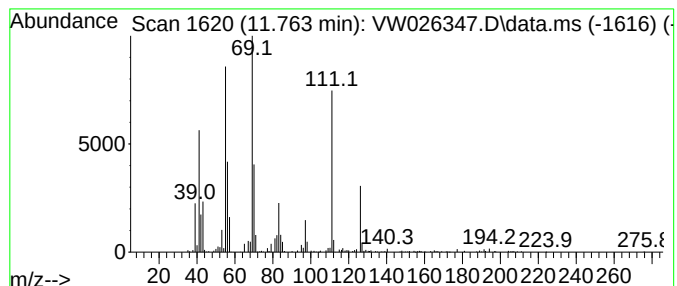
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Cyclic11.764 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.764	2.37 ug/L	194609	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	94
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
5			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

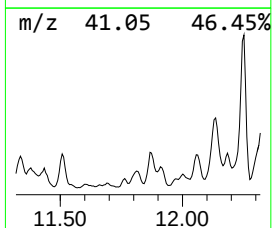
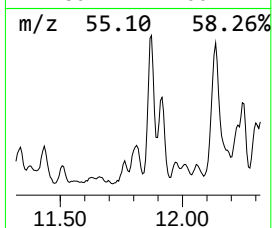
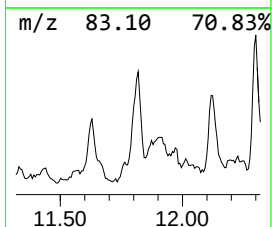
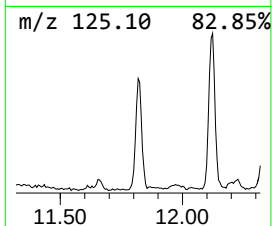
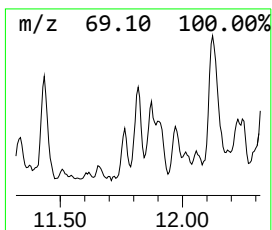
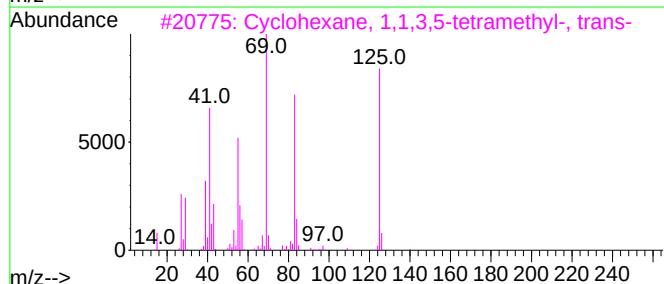
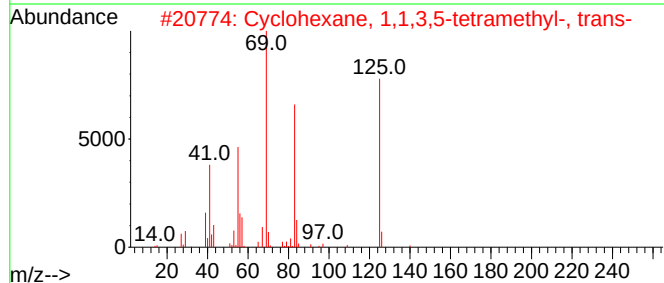
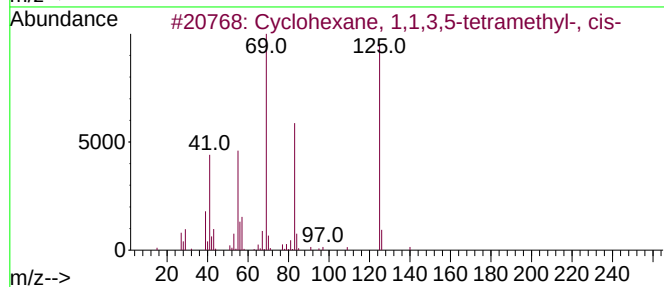
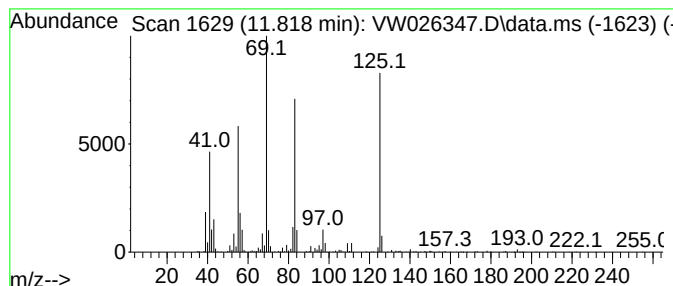
Instrument :
MSVOA_W
ClientSampleId :
A4644

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Cyclic11.818 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.818	5.01 ug/L	412060	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	87
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	87
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	80
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
5	(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-03-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

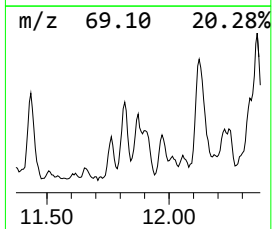
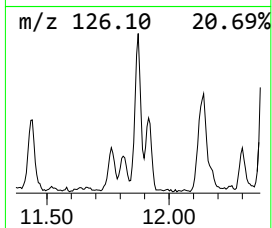
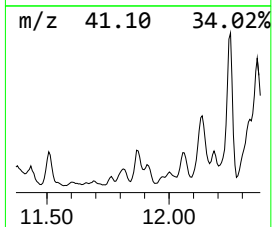
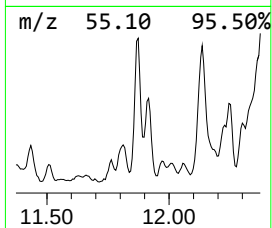
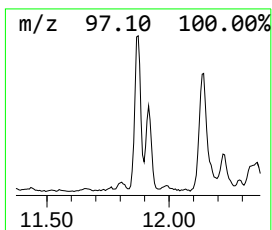
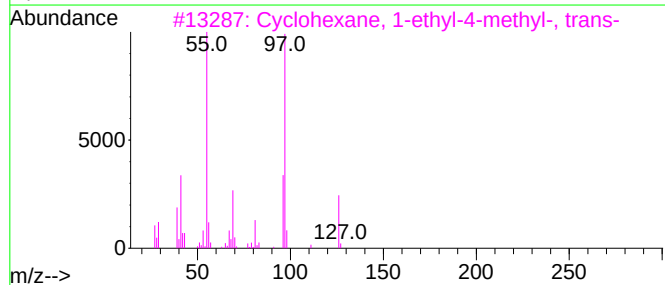
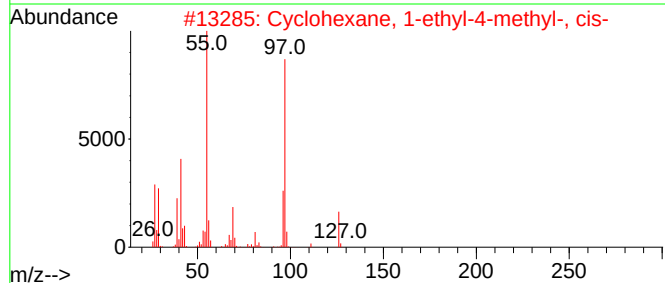
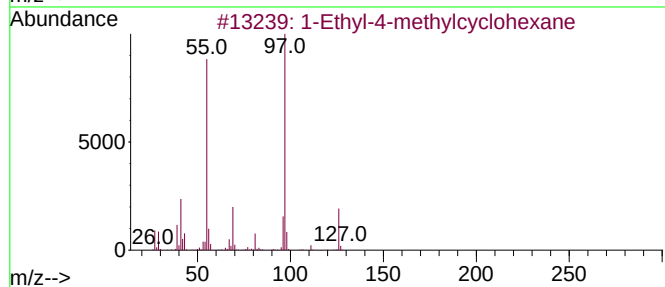
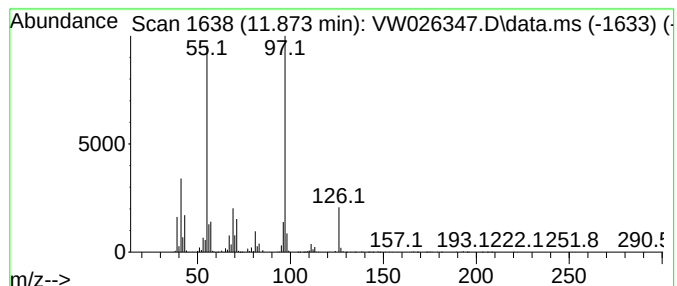
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Cyclic11.873 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.873	11.47 ug/L	943992	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	93
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	81
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	81
4			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
5			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

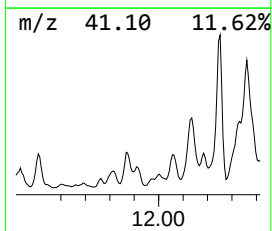
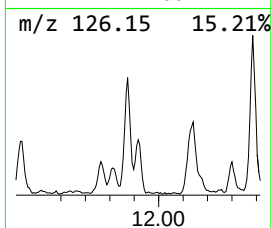
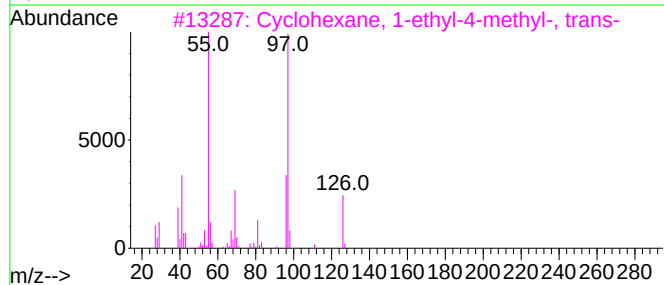
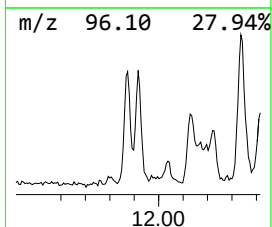
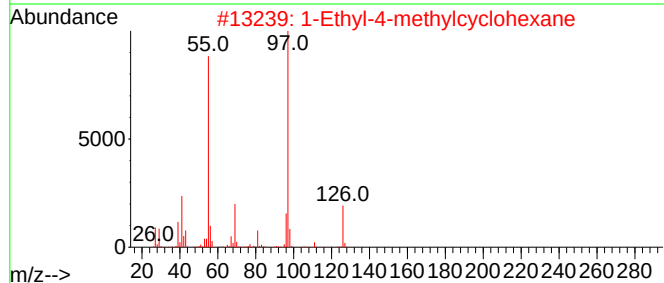
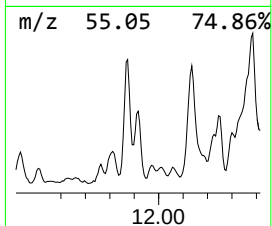
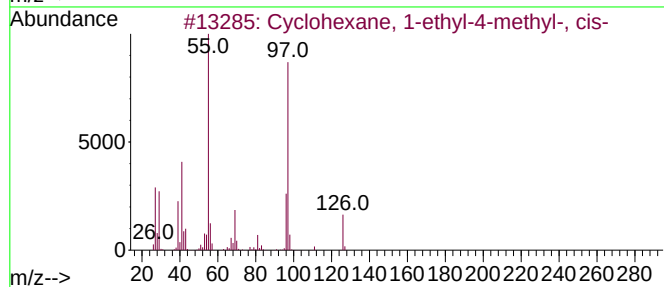
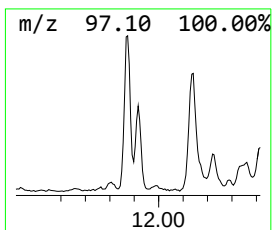
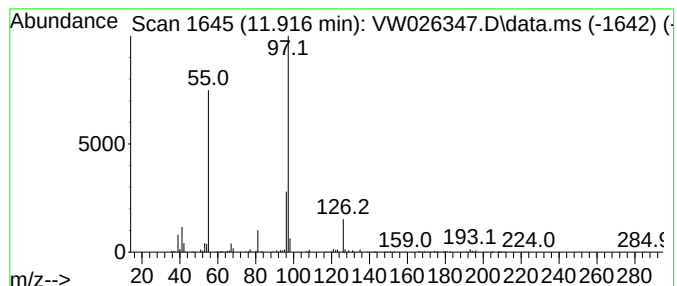
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Cyclic11.916 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.916	5.50 ug/L	452172	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	78
4	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64
5	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

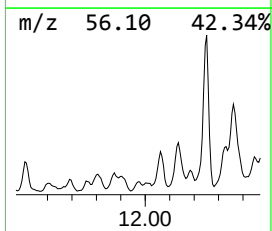
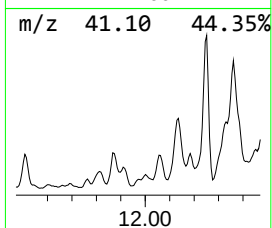
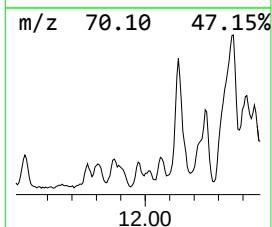
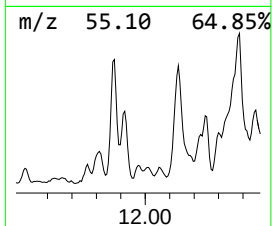
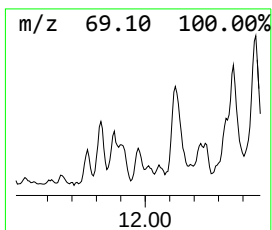
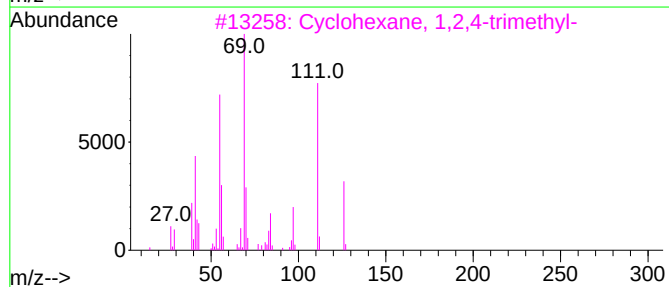
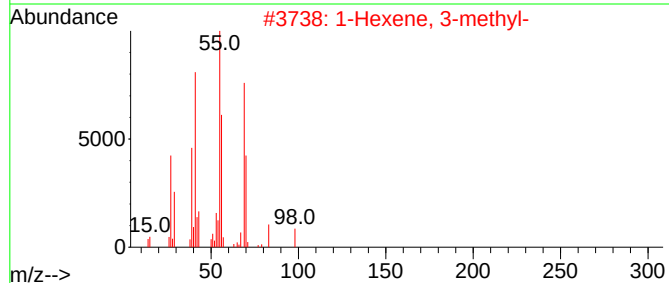
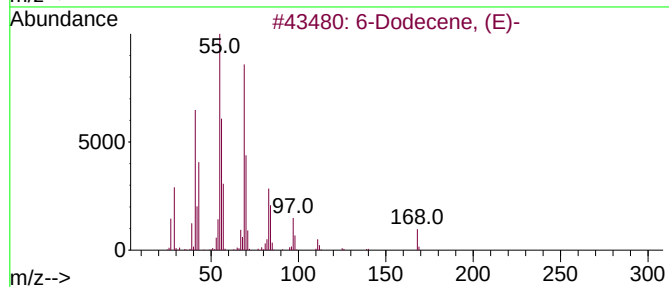
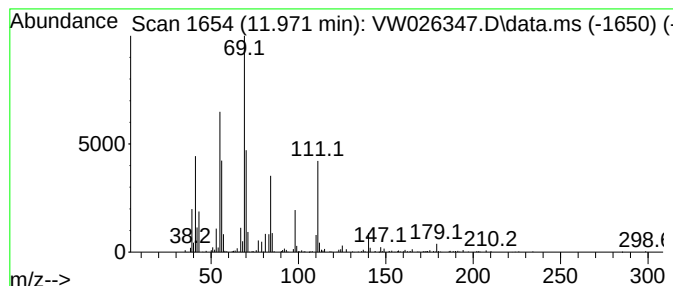
Instrument :
MSVOA_W
ClientSampleId :
A4644

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.971	1.96 ug/L	161244	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	6-Dodecene, (E)-		168	C12H24	007206-17-9	59
2	1-Hexene, 3-methyl-		98	C7H14	003404-61-3	58
3	Cyclohexane, 1,2,4-trimethyl-		126	C9H18	002234-75-5	50
4	Cyclopropane, 1,1-diethyl-		98	C7H14	001003-19-6	47
5	(R)-(+)-3-Methylcyclopentanone		98	C6H10O	006672-30-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

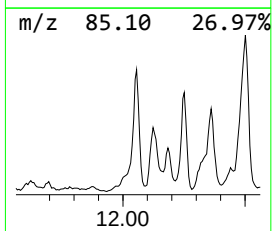
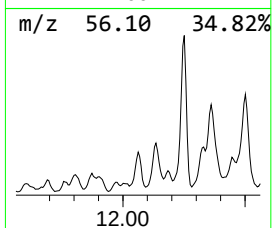
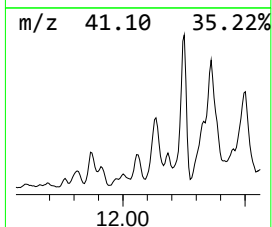
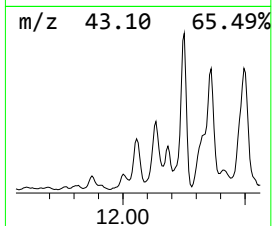
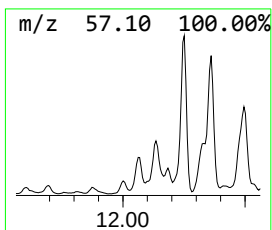
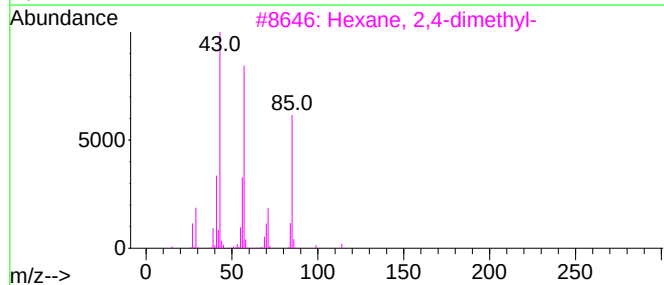
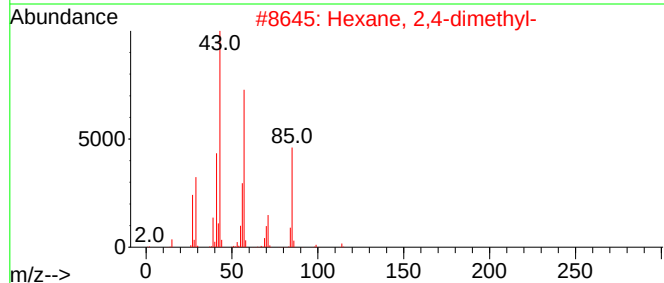
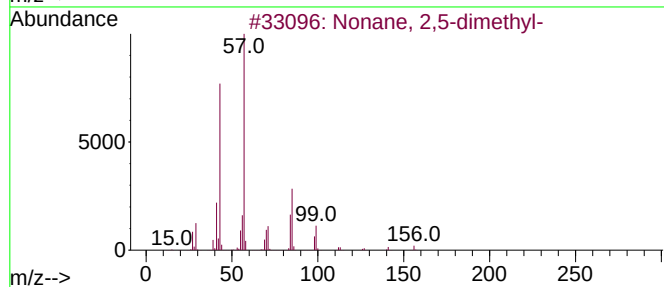
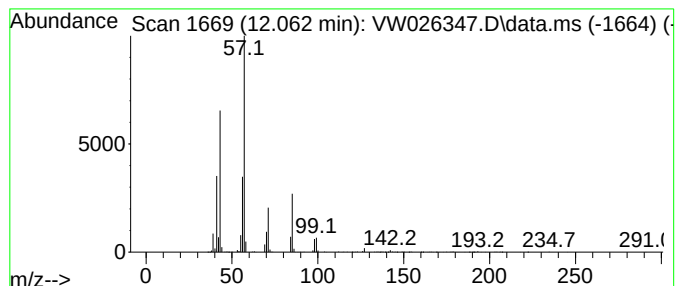
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.062	6.70 ug/L	551502	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 2,5-dimethyl-		156	C11H24	017302-27-1	59
2	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	53
3	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	53
4	Heptane, 2,2,3,3,5,6,6-heptamethyl-		198	C14H30	007225-67-4	53
5	Dodecane		170	C12H26	000112-40-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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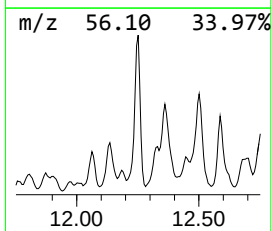
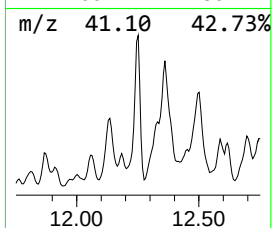
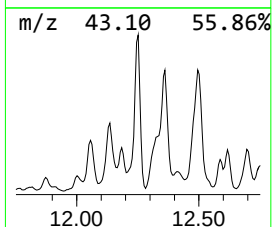
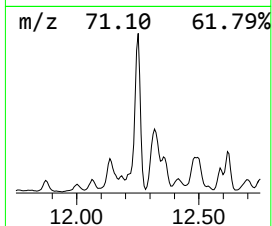
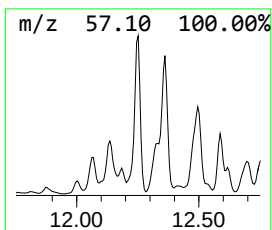
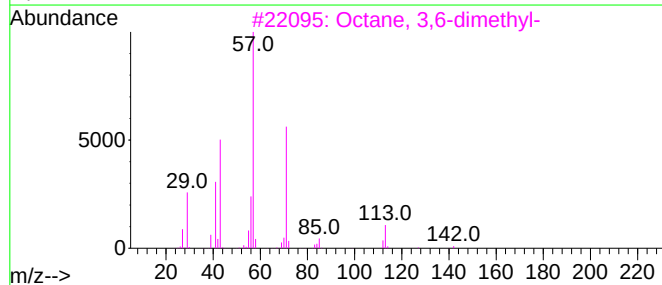
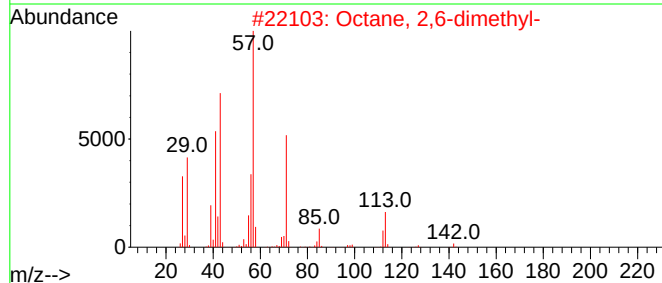
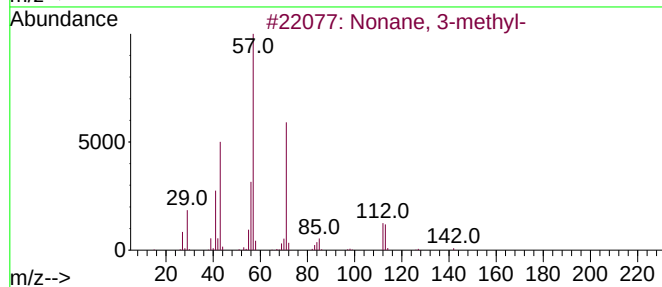
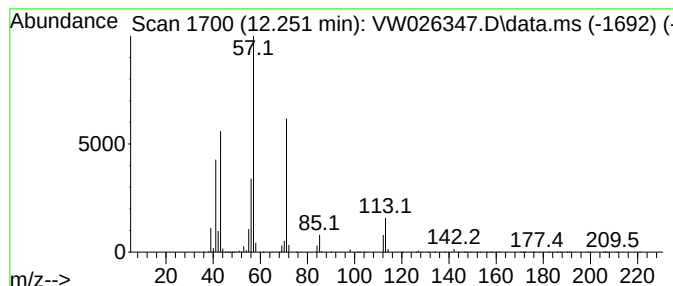
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	35.31 ug/L	2905240	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	90
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	90
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

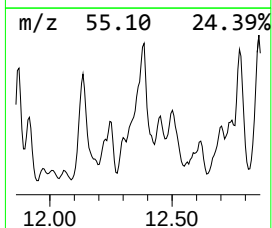
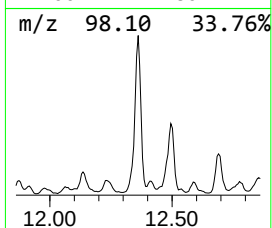
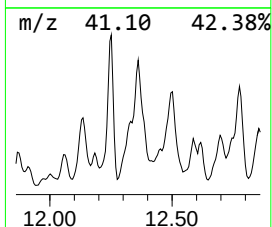
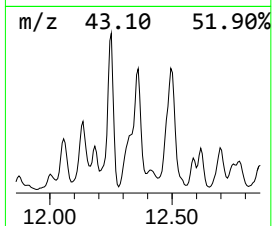
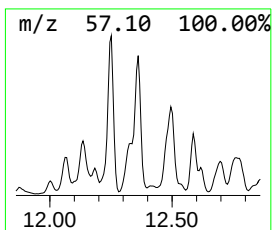
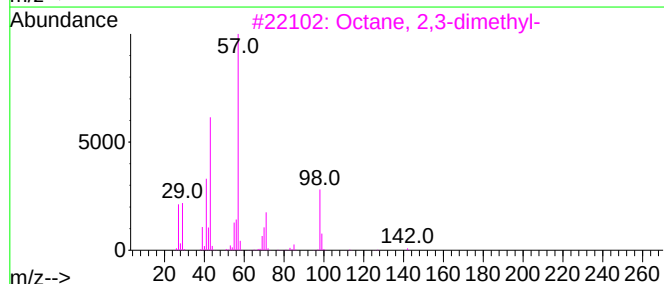
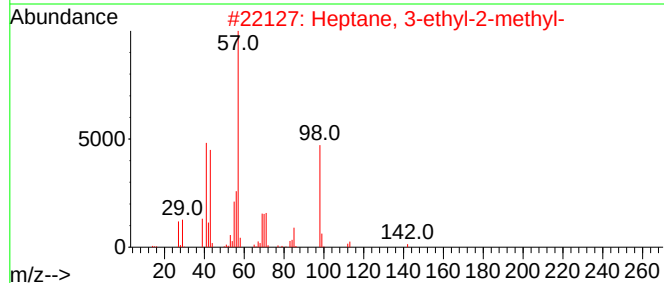
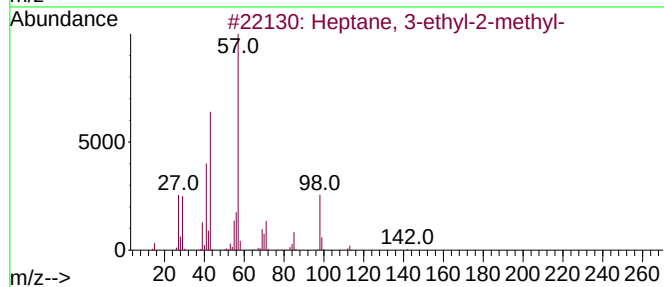
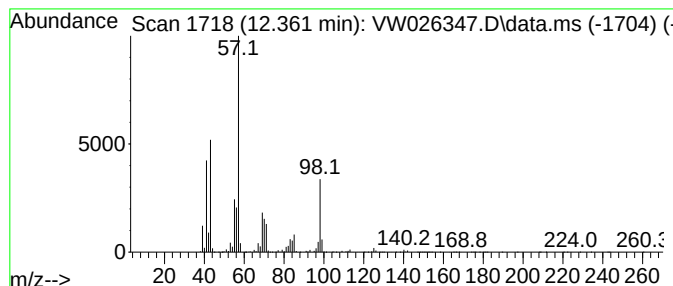
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MSVOA_W
ClientSampleId :
A4644

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.361	68.19 ug/L	5610570	Chlorobenzene-d5			11.629
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	91
2	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	83
3	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	64
4	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	64
5	3-Undecene, 6-methyl-, (E)-		168	C12H24	074630-52-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

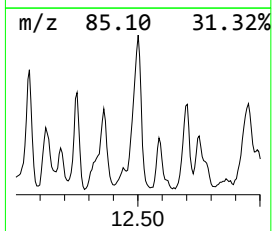
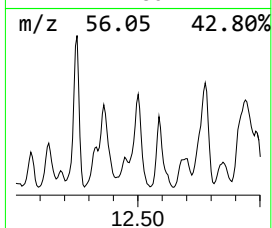
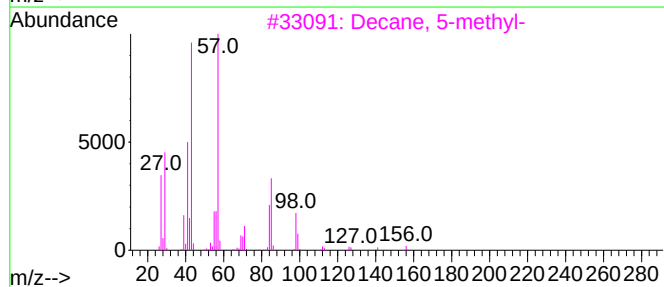
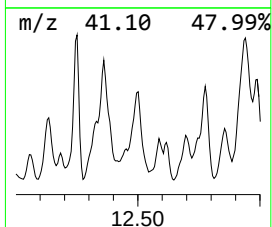
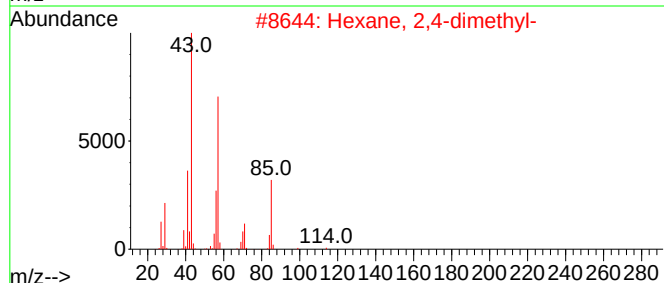
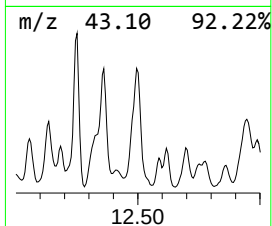
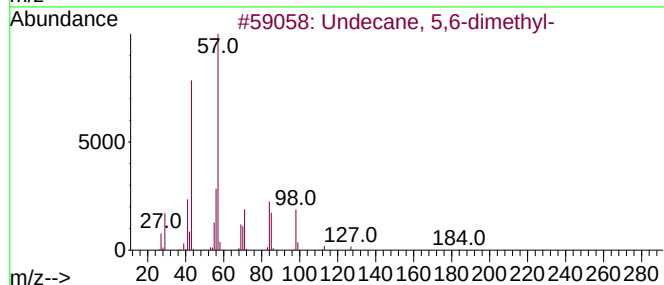
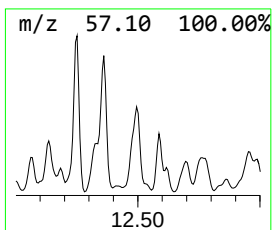
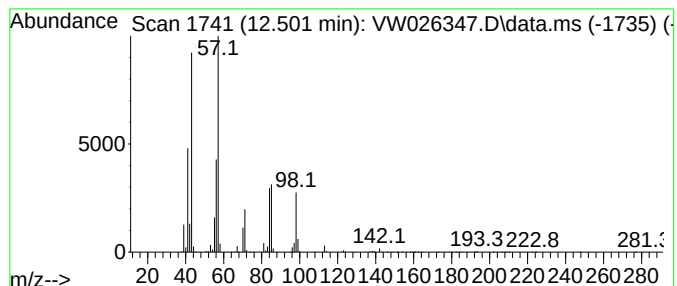
Instrument :
MSVOA_W
ClientSampleId :
A4644

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.501	28.82 ug/L	2371570	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-		184	C13H28	017615-91-7	64
2	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	64
3	Decane, 5-methyl-		156	C11H24	013151-35-4	47
4	Nonane		128	C9H20	000111-84-2	47
5	Heptane, 4-ethyl-		128	C9H20	002216-32-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

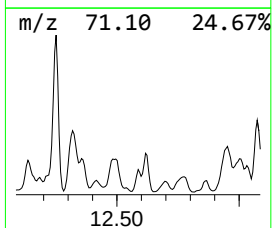
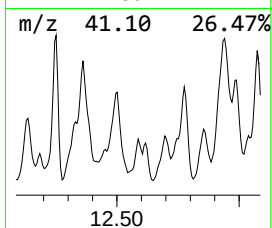
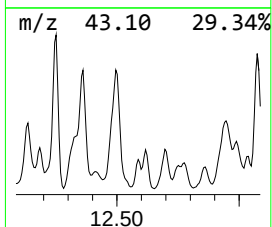
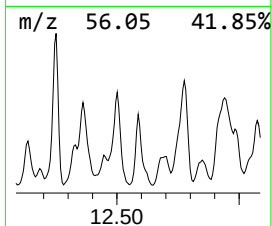
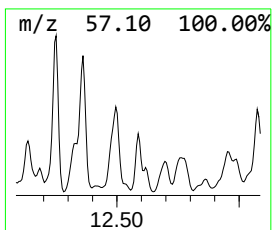
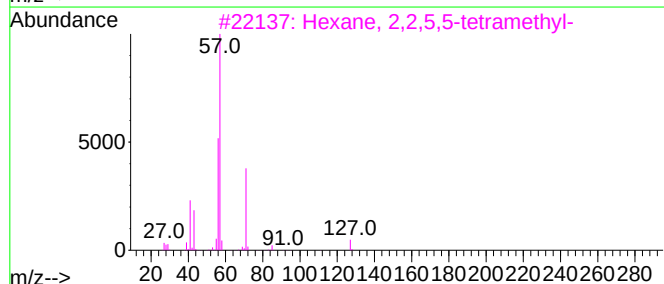
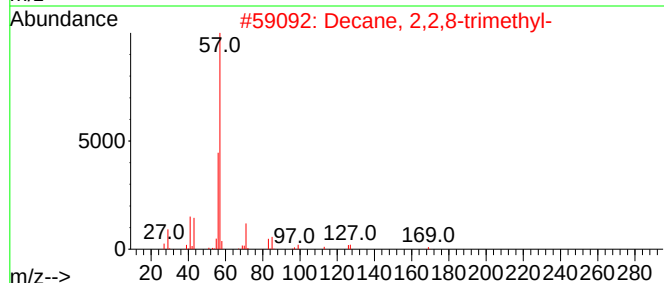
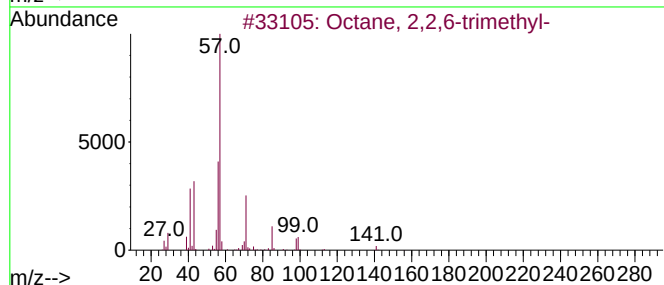
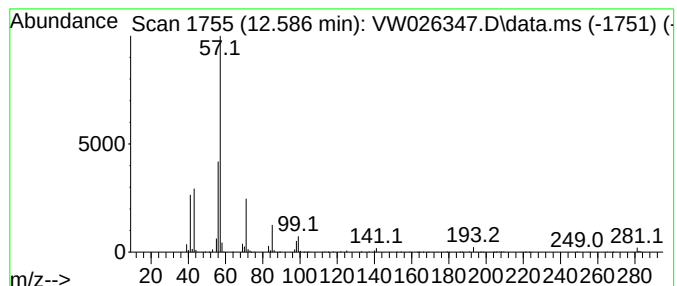
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MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.586	7.28 ug/L	599182	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-		156	C11H24	062016-28-8	64
2	Decane, 2,2,8-trimethyl-		184	C13H28	062238-01-1	59
3	Hexane, 2,2,5,5-tetramethyl-		142	C10H22	001071-81-4	59
4	Hexane, 2,2,5-trimethyl-		128	C9H20	003522-94-9	53
5	Pentane, 2,2,3,4-tetramethyl-		128	C9H20	001186-53-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

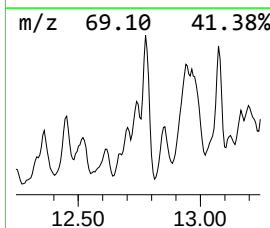
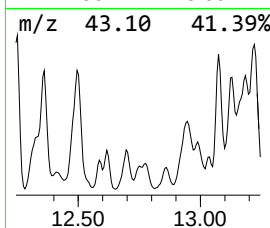
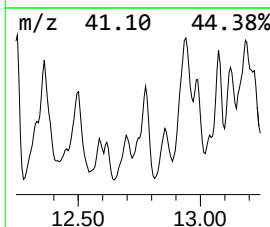
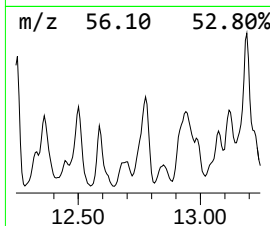
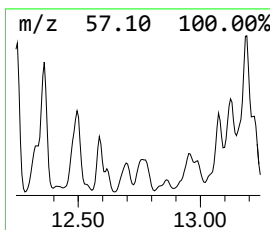
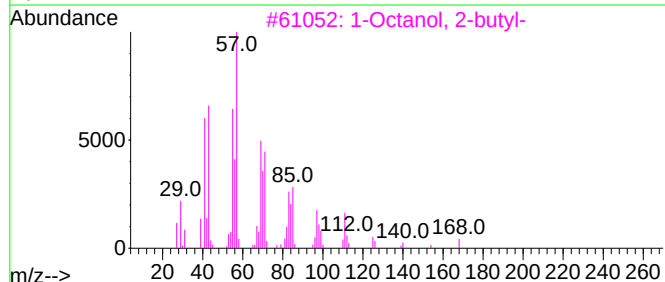
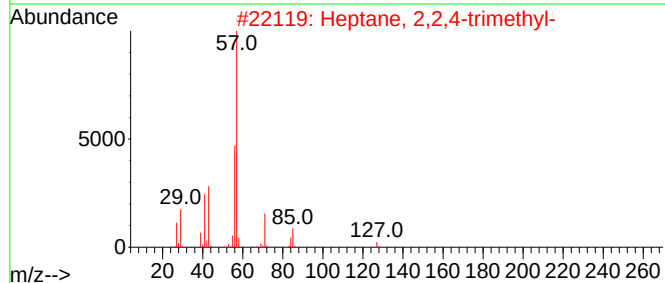
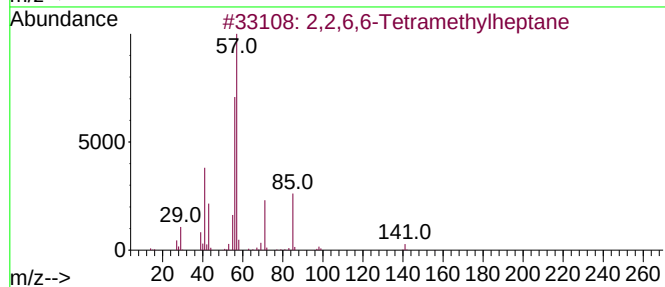
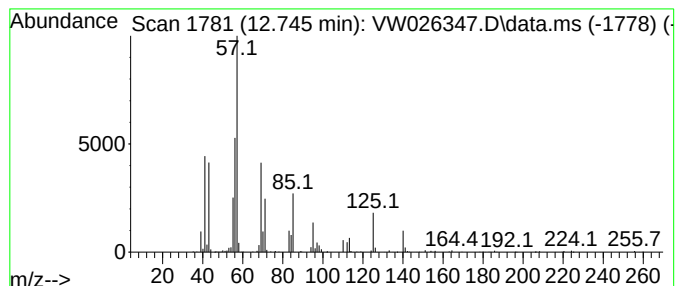
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.745	7.02 ug/L	309613	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	50
2		Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	47
3		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	47
4		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	43
5		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

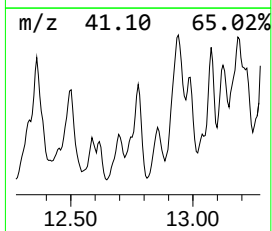
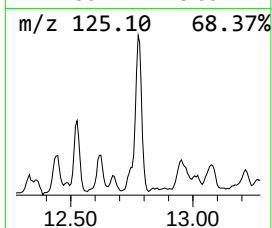
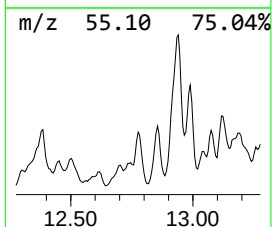
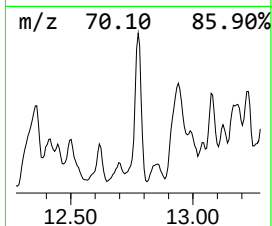
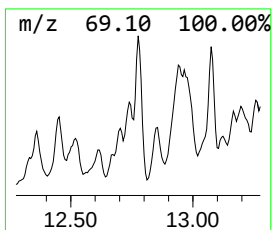
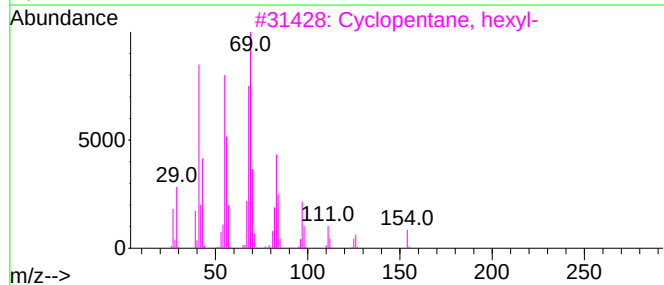
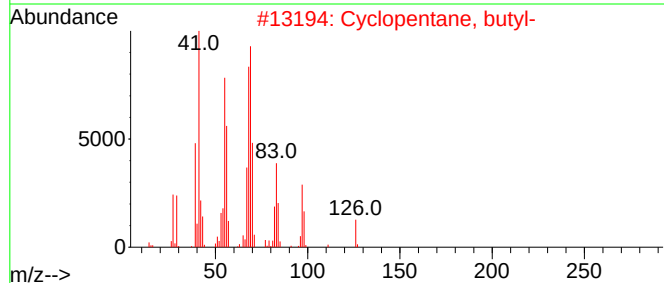
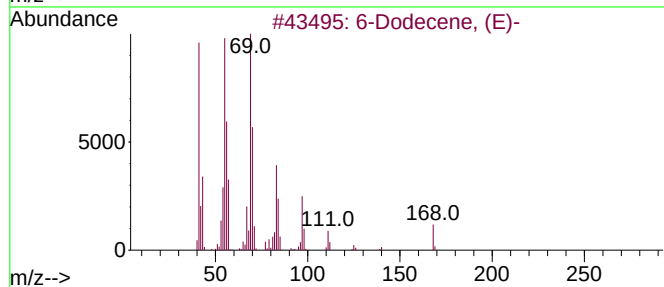
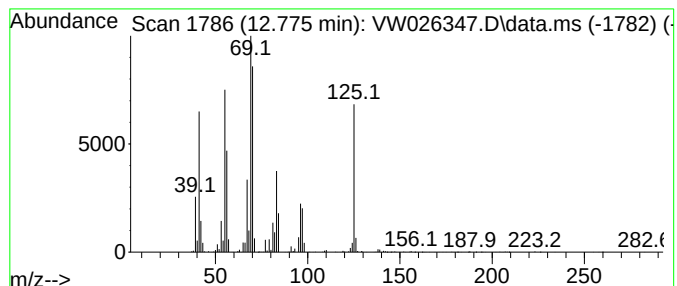
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	57.54 ug/L	2537950	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-Dodecene, (E)-	168	C12H24	007206-17-9	53
2		Cyclopentane, butyl-	126	C9H18	002040-95-1	50
3		Cyclopentane, hexyl-	154	C11H22	004457-00-5	50
4		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	43
5		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

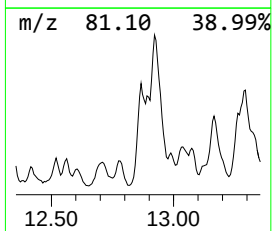
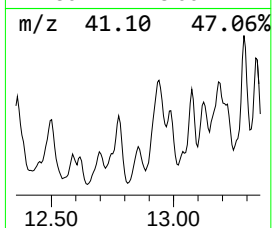
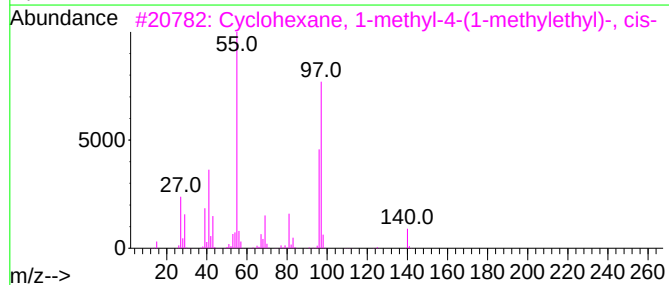
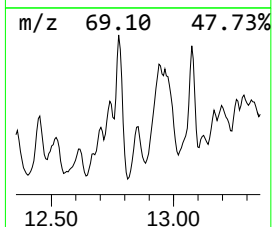
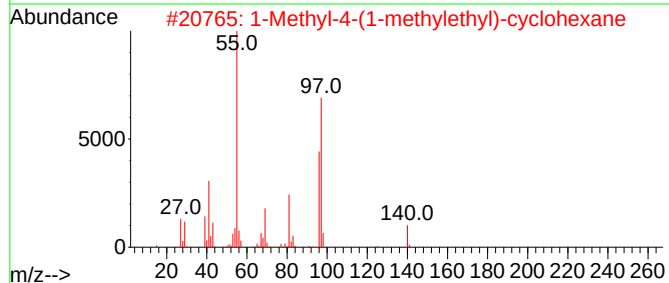
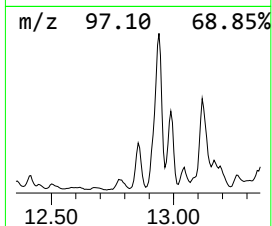
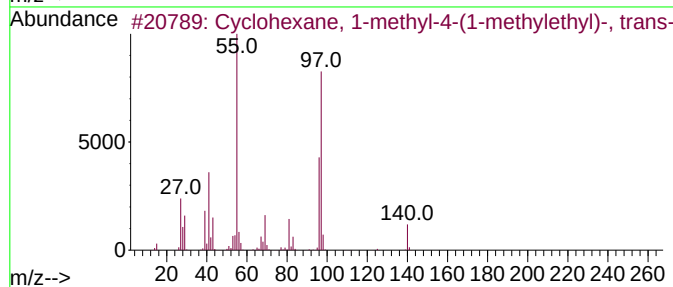
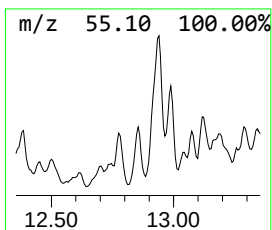
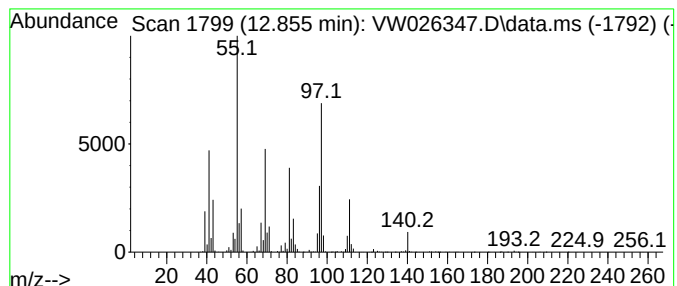
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Cyclic12.855 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	44.23 ug/L	1950800	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
2			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	58
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58
4			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	52
5			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

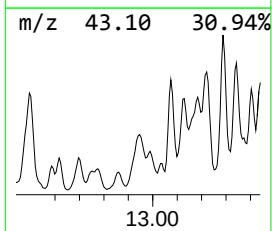
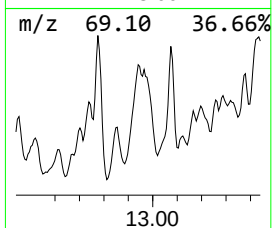
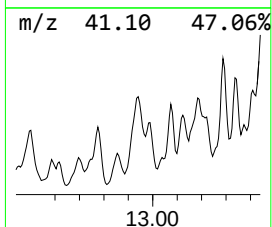
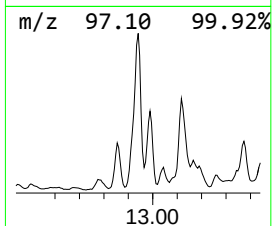
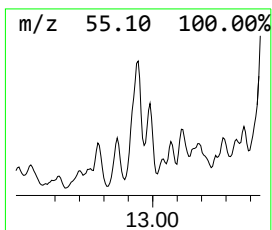
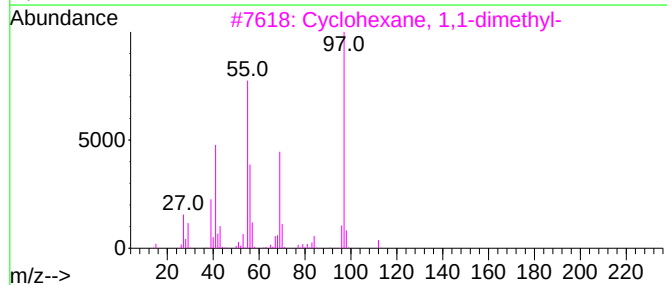
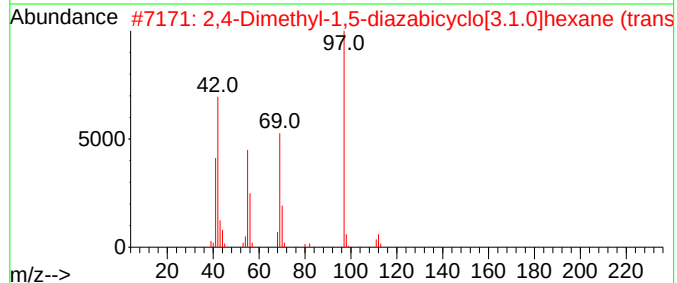
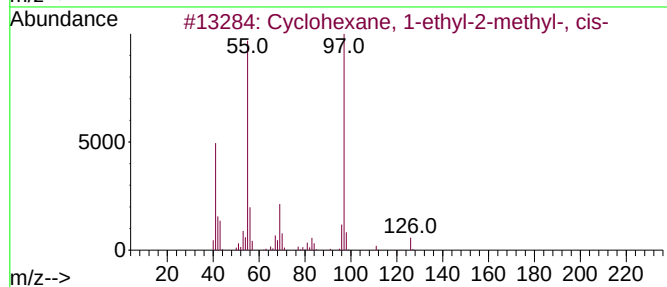
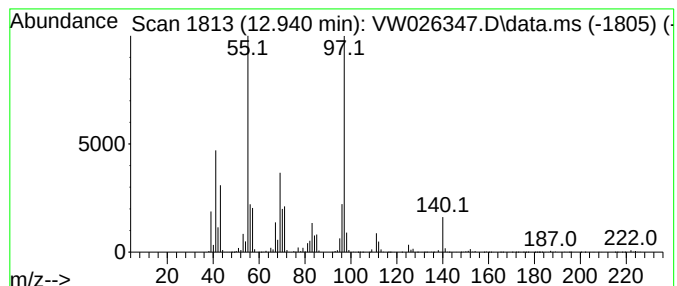
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Cyclic12.940 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	121.17 ug/L	5344320	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	58
2			2,4-Dimethyl-1,5-diazabicyclo[3.0.0]hexane (trans)	112	C6H12N2	1000283-20-9	52
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
4			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	49
5			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

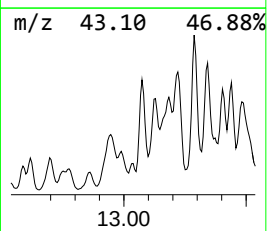
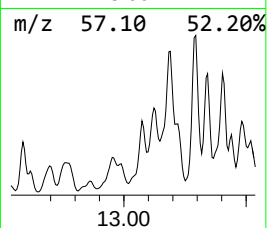
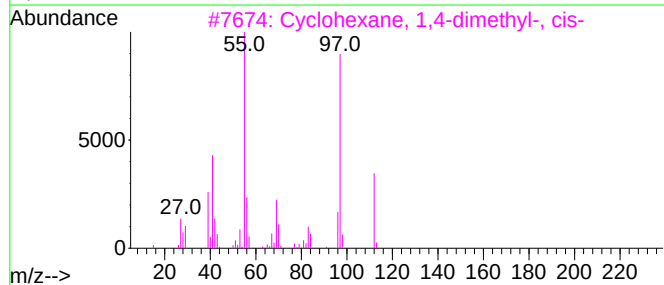
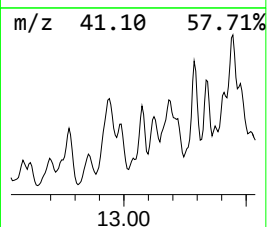
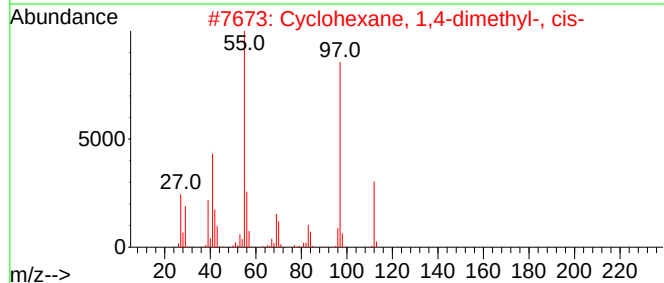
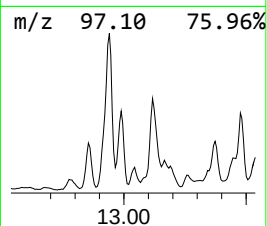
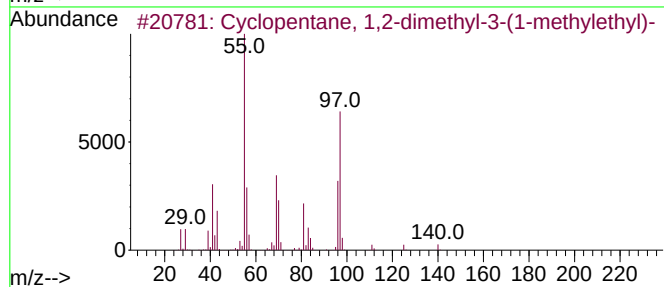
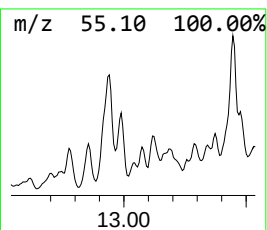
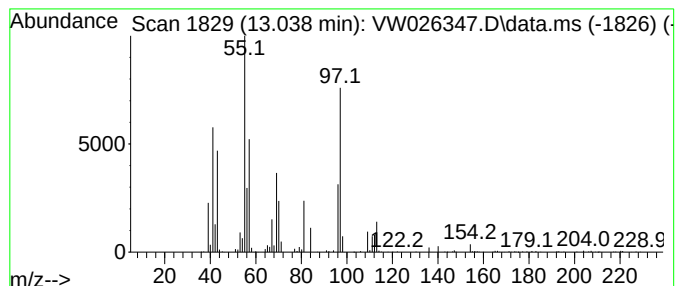
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Cyclic13.038 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.038	6.81 ug/L	300446	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	87
2			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	64
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	64
4			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	64
5			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

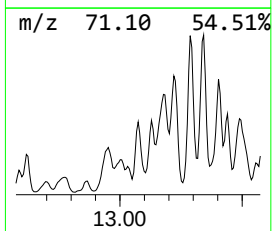
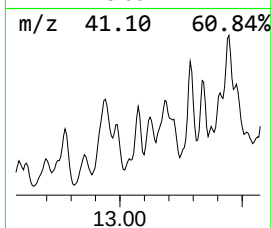
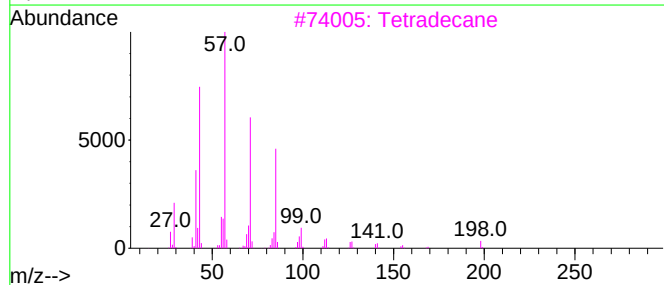
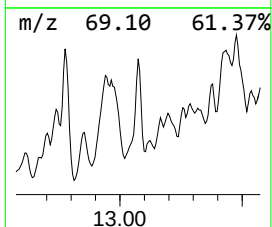
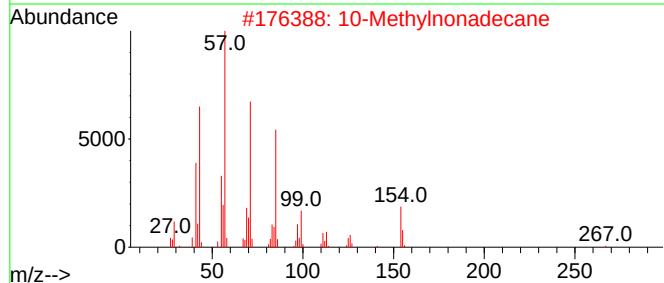
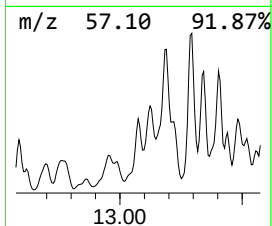
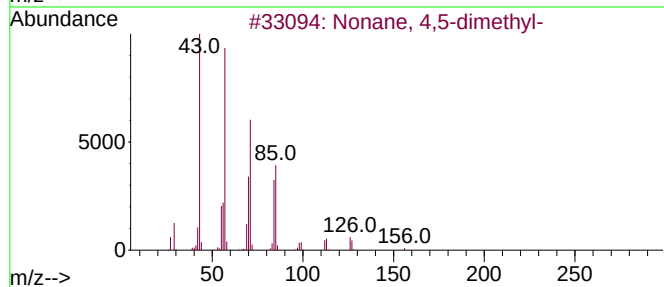
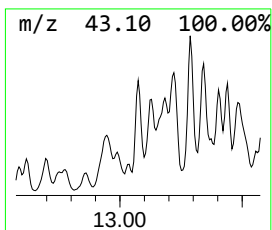
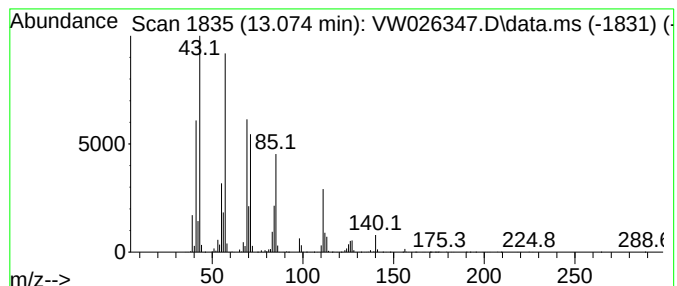
Instrument :
MSVOA_W
ClientSampleId :
A4644

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.074	38.60 ug/L	1702760	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-		156	C11H24	017302-23-7	70
2	10-Methylnonadecane		282	C20H42	056862-62-5	58
3	Tetradecane		198	C14H30	000629-59-4	53
4	Dodecane, 5-methyl-		184	C13H28	017453-93-9	50
5	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

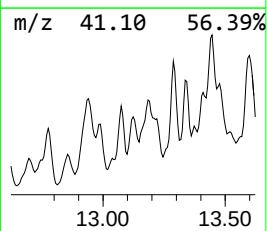
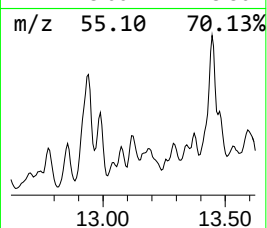
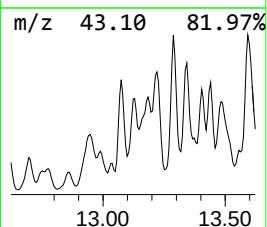
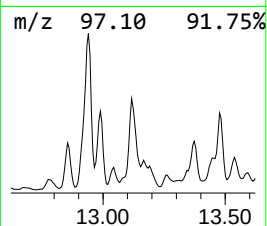
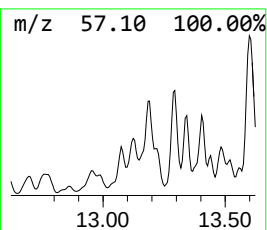
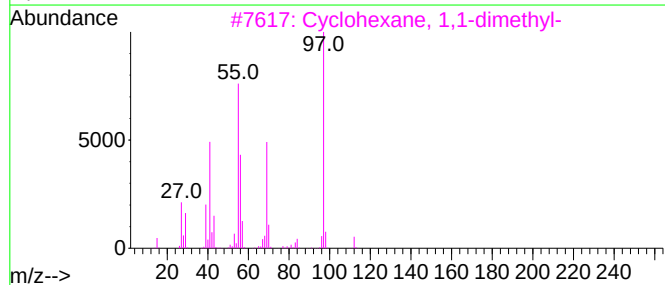
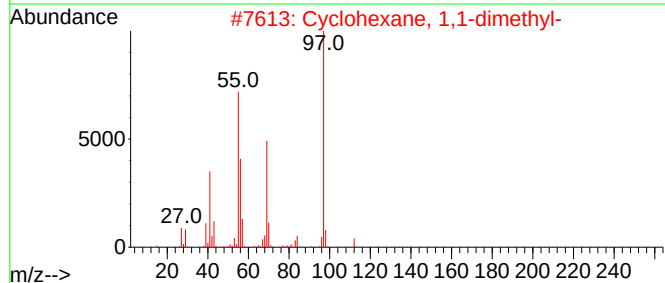
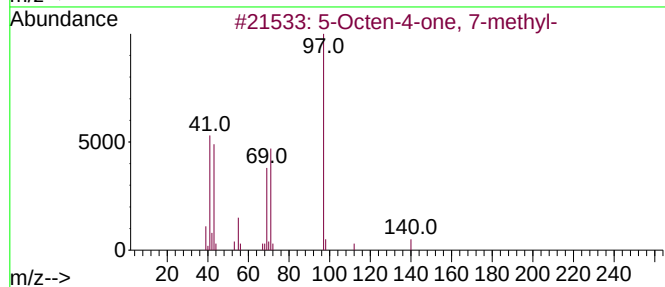
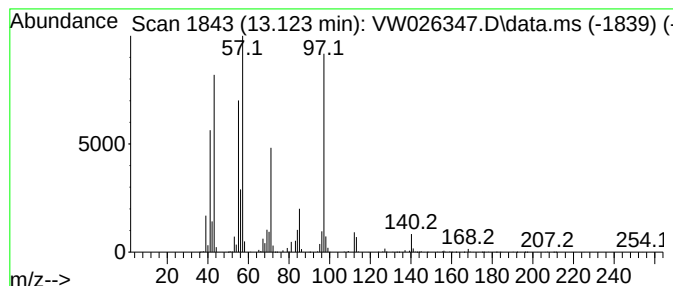
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	37.14 ug/L	1638040	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	49
2		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
3		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43
4		Decane, 2-methyl-	156	C11H24	006975-98-0	41
5		1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

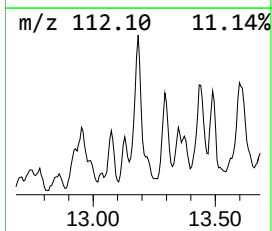
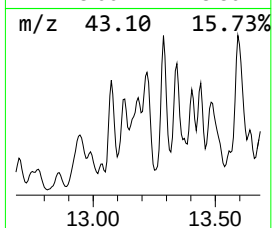
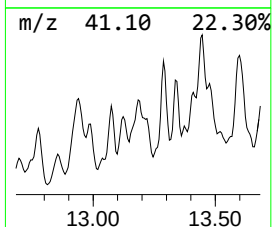
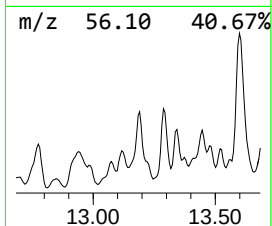
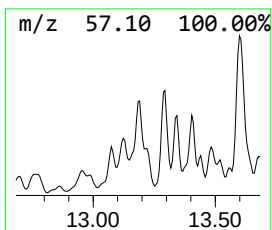
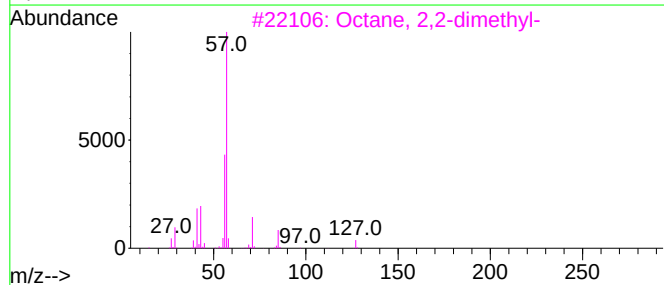
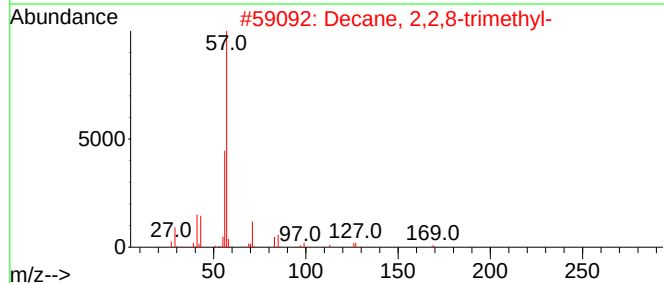
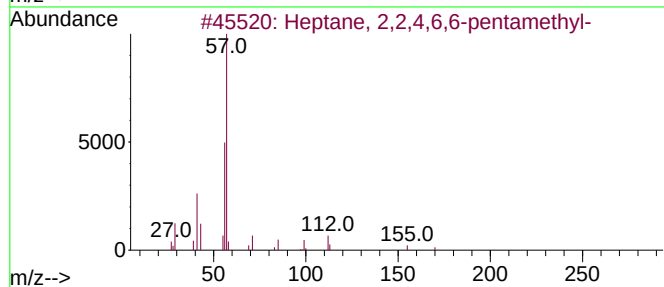
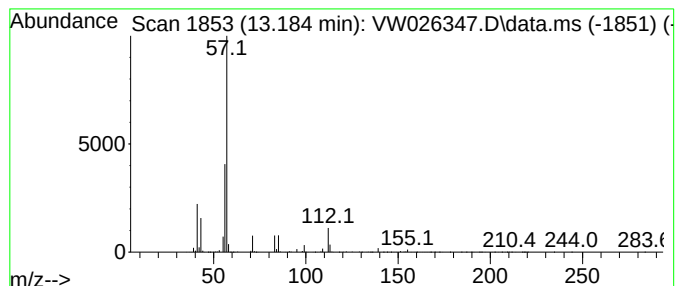
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.184	17.71 ug/L	781031	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	56
2		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	53
3		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	53
4		Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	53
5		Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

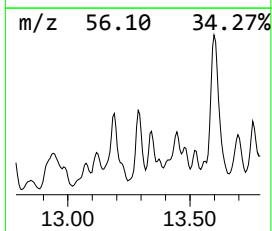
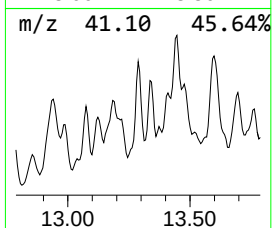
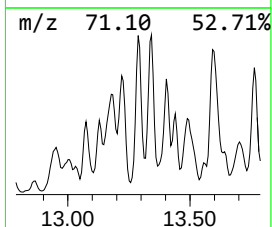
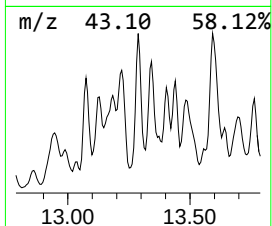
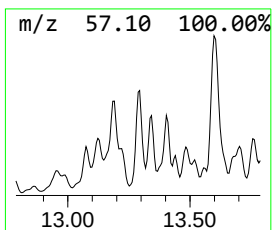
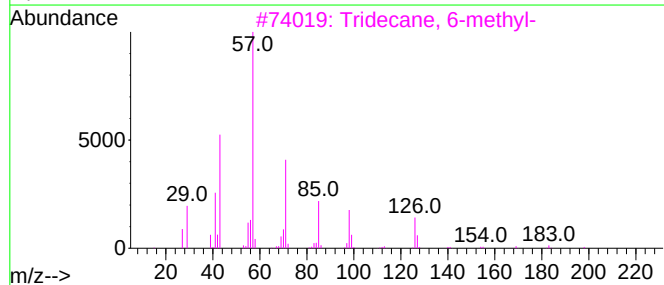
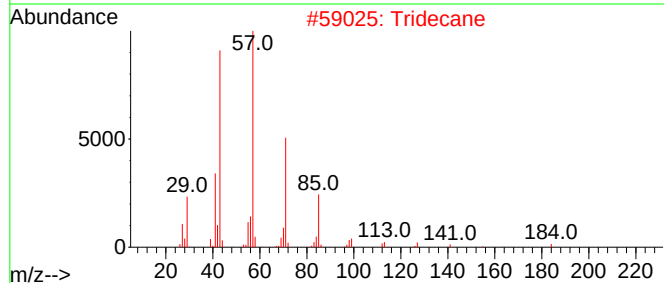
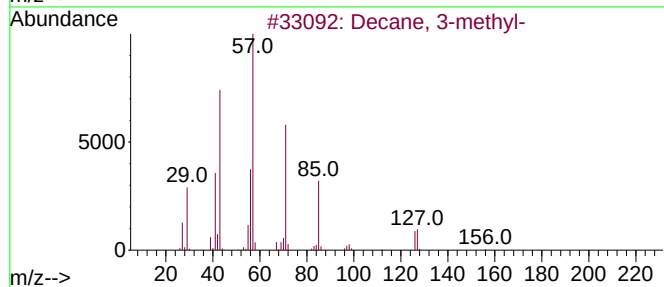
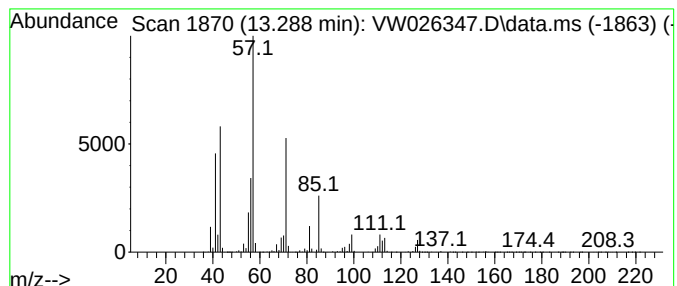
Instrument :
MSVOA_W
ClientSampleId :
A4644

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.288	86.44 ug/L	3812860	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-		156	C11H24	013151-34-3	74
2	Tridecane		184	C13H28	000629-50-5	64
3	Tridecane, 6-methyl-		198	C14H30	013287-21-3	59
4	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	59
5	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

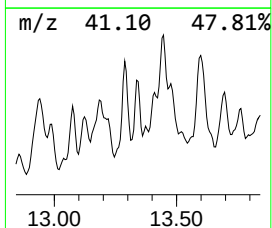
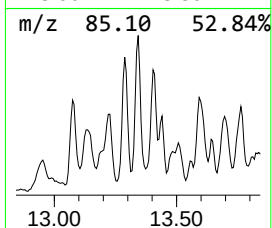
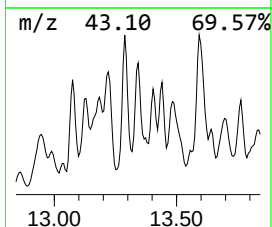
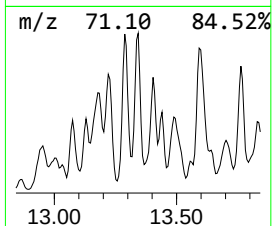
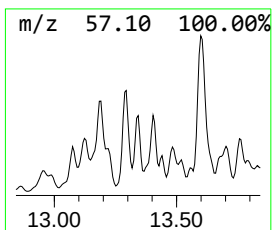
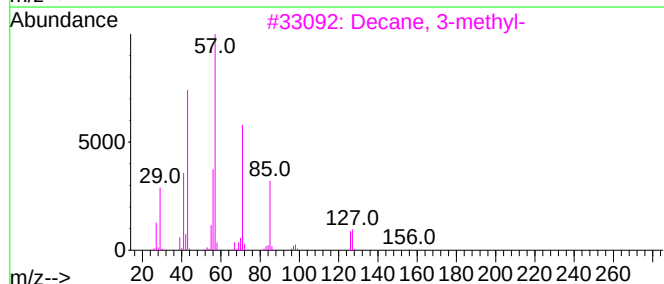
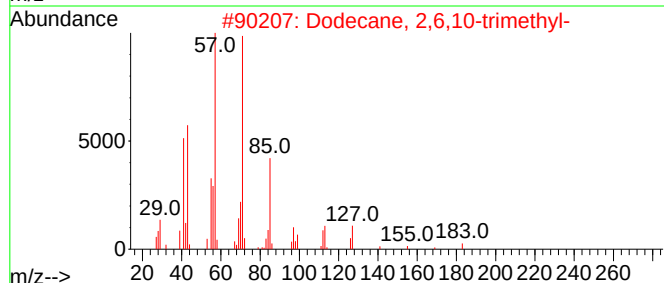
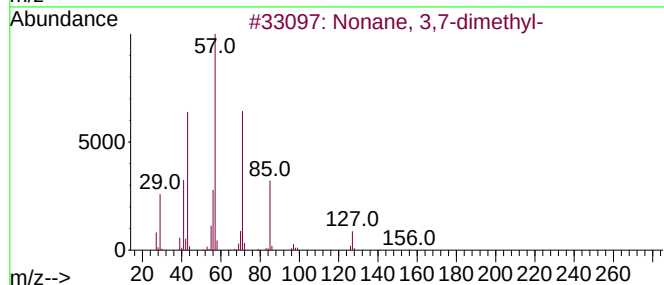
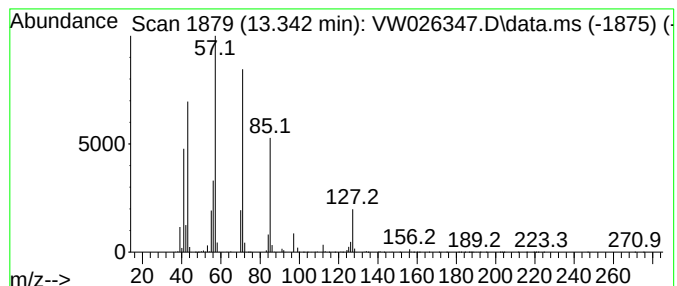
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.342	58.00 ug/L	2558210	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	90
2	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	83
3	Decane, 3-methyl-		156	C11H24	013151-34-3	80
4	Decane, 3-methyl-		156	C11H24	013151-34-3	72
5	Undecane, 2,9-dimethyl-		184	C13H28	017301-26-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

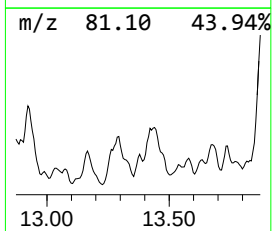
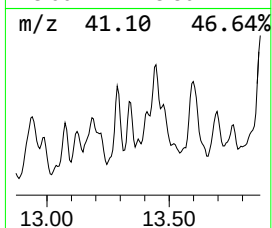
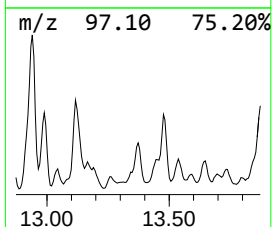
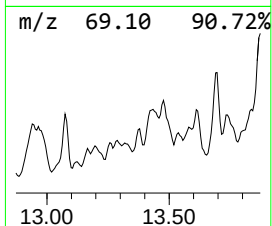
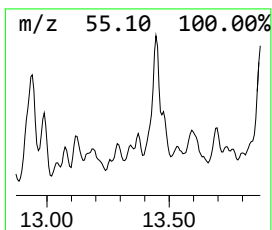
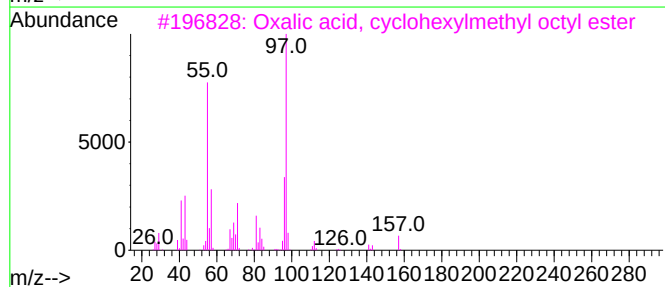
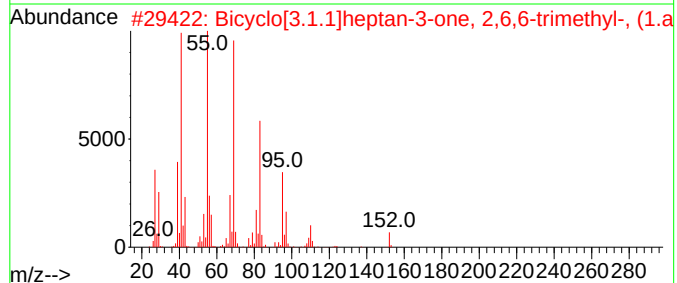
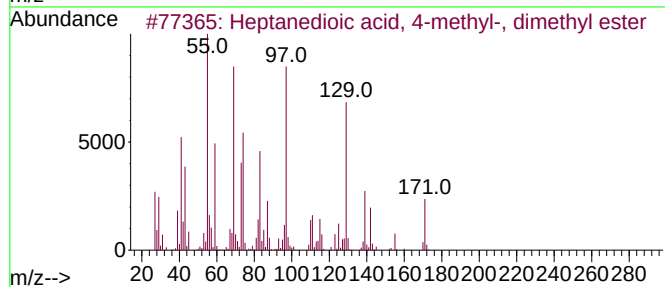
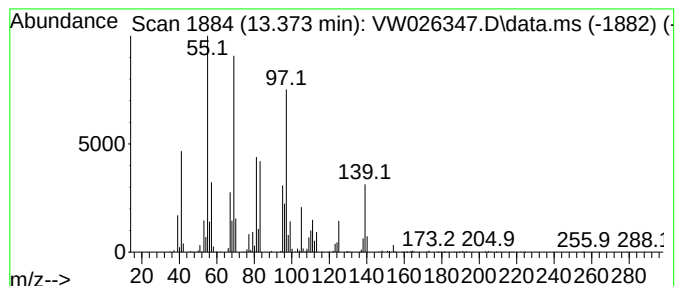
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 Heptanedioic acid, 4-methyl... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.373	21.31 ug/L	939984	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanedioic acid, 4-methyl-, di...	202	C10H18O4	004751-49-9	72
2			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
3			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	27
4			Shikimic acid, methyl ester	188	C8H12O5	040983-58-2	27
5			Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

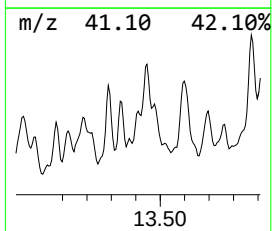
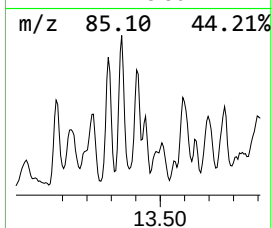
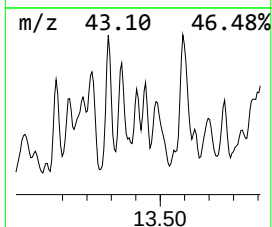
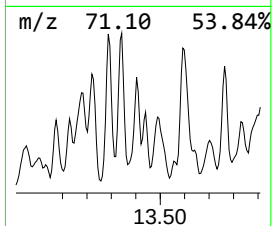
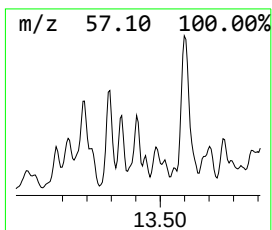
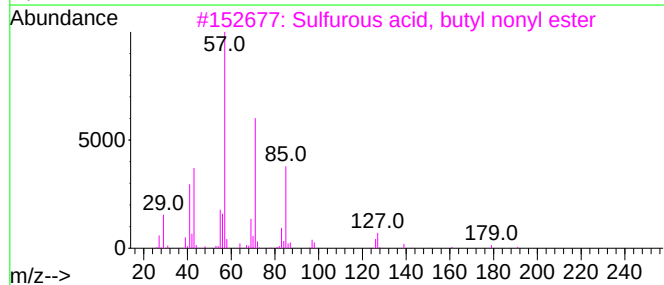
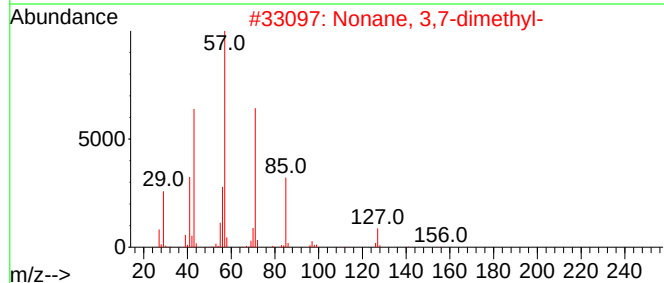
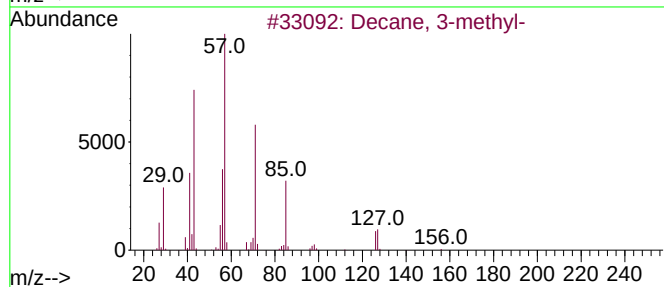
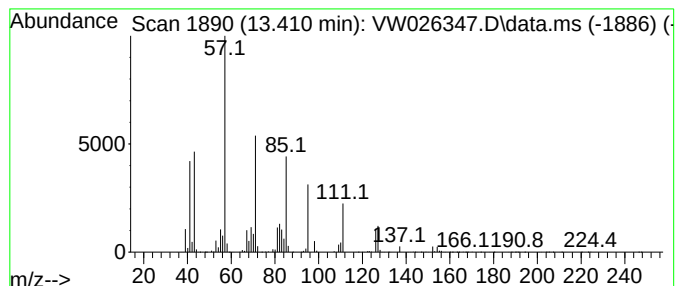
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MSVOA_W
ClientSampleId :
A4644

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.410	59.13 ug/L	2608120	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-		156	C11H24	013151-34-3	70
2	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	52
3	Sulfurous acid, butyl nonyl ester		264	C13H28O3S	1000309-17-6	50
4	Decane, 3-methyl-		156	C11H24	013151-34-3	50
5	Nonane, 5-methyl-5-propyl-		184	C13H28	017312-75-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

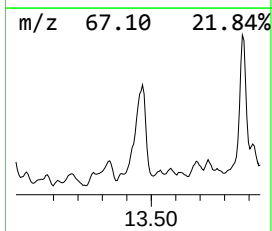
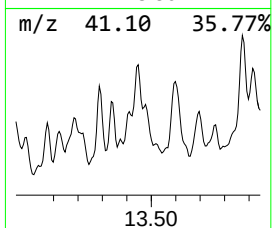
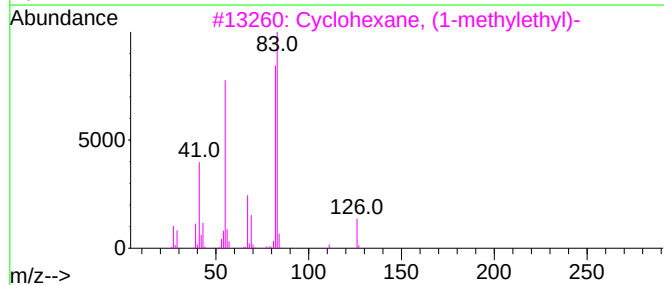
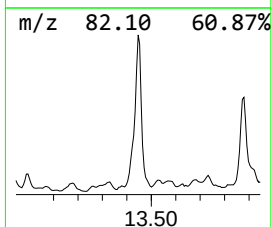
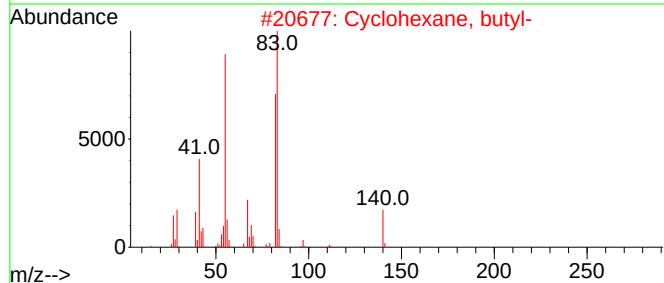
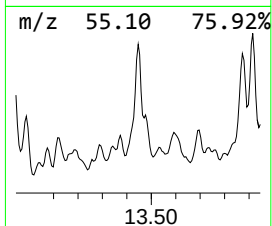
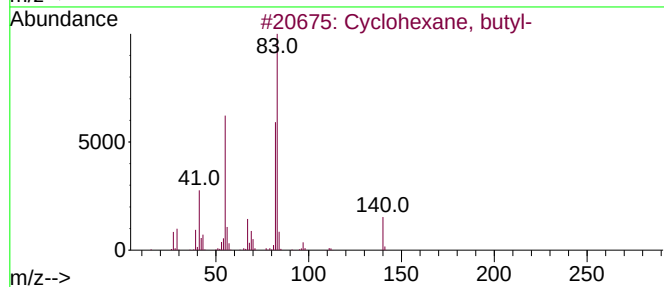
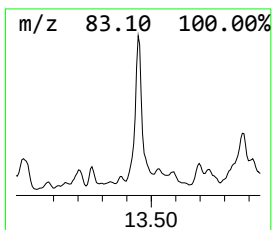
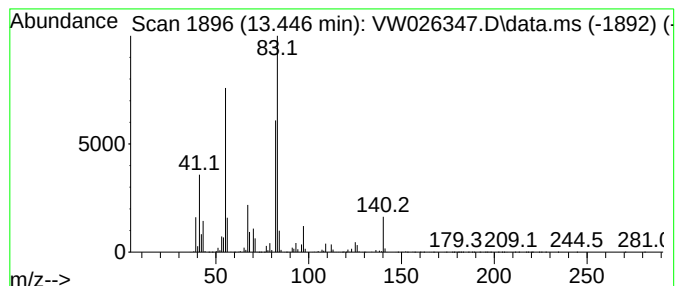
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Cyclic13.446 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	208.50 ug/L	9196360	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

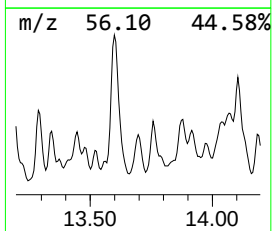
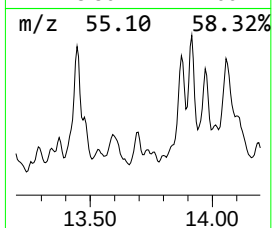
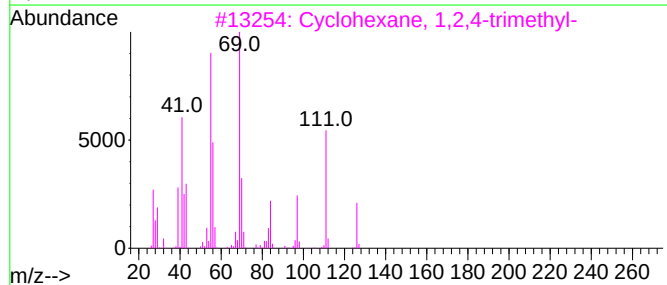
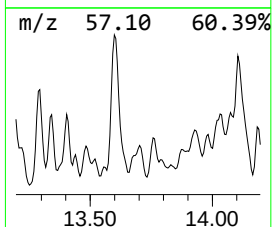
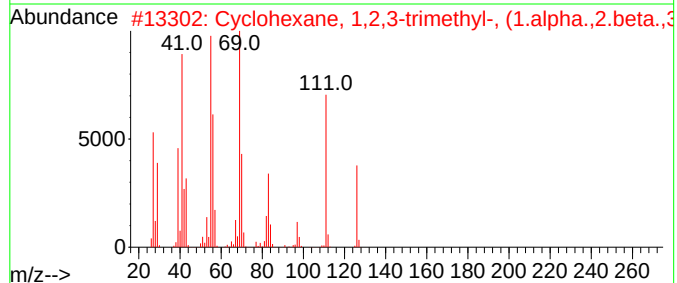
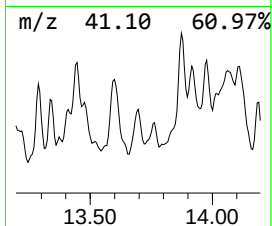
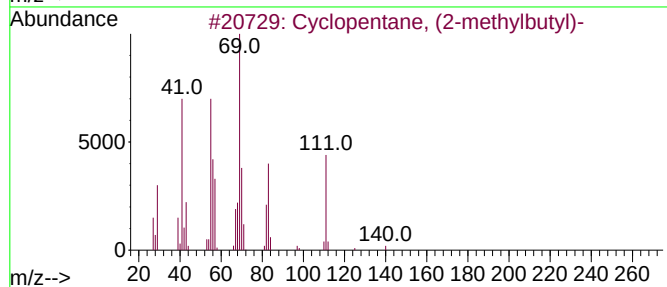
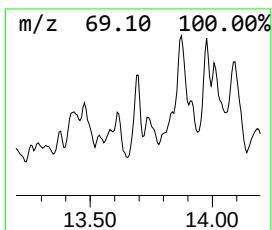
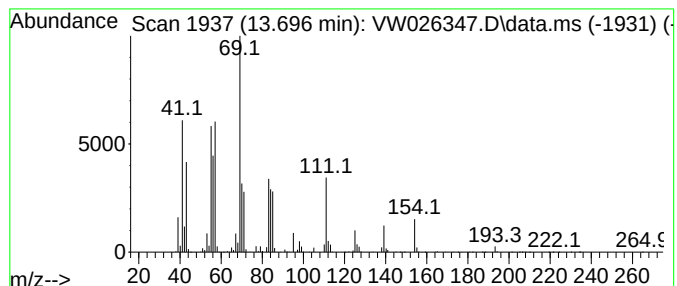
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Cyclic13.696 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	63.97 ug/L	2821390	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	70
2			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	64
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	58
4			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
5			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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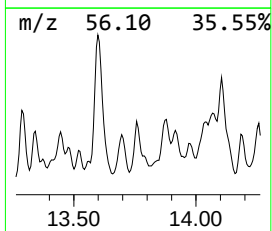
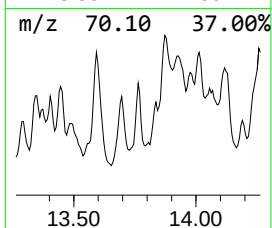
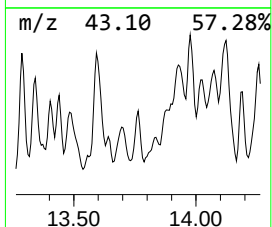
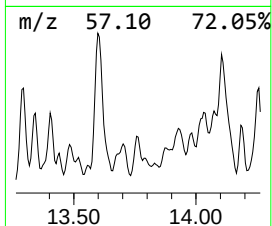
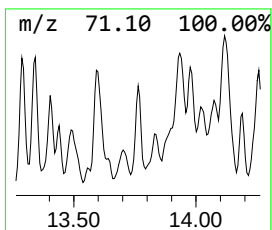
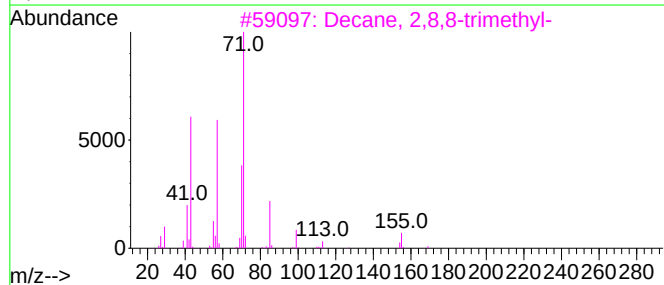
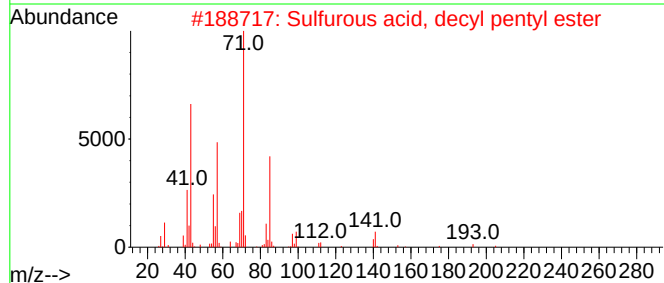
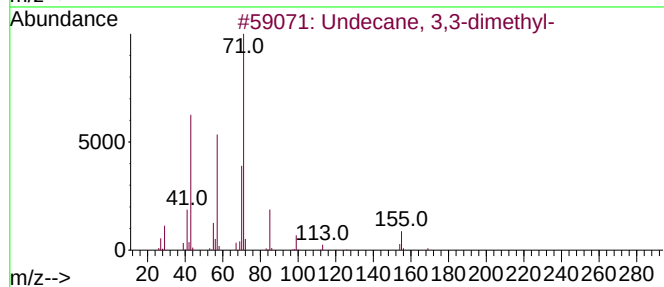
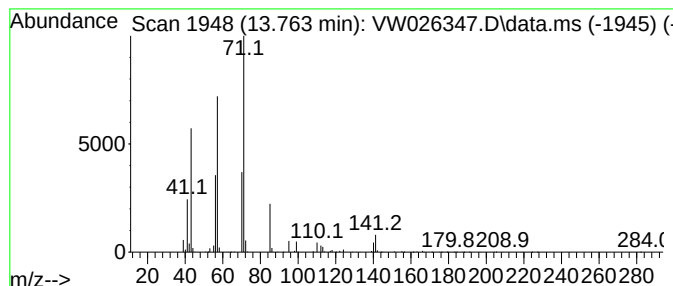
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.763	25.38 ug/L	1119520	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	64
2		Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	64
3		Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	53
4		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
5		Sulfurous acid, 2-pentyl undecyl...	306	C16H34O3S	1000309-16-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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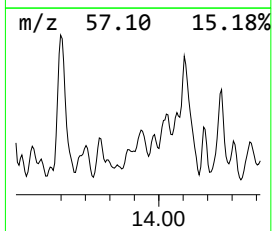
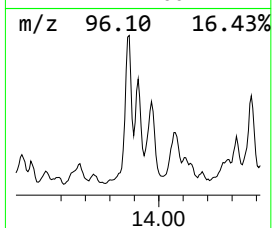
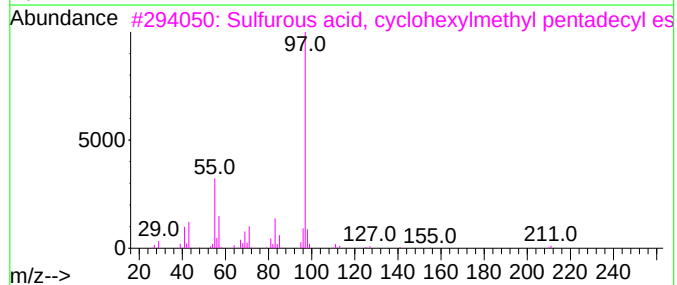
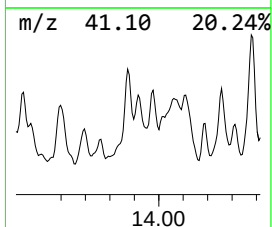
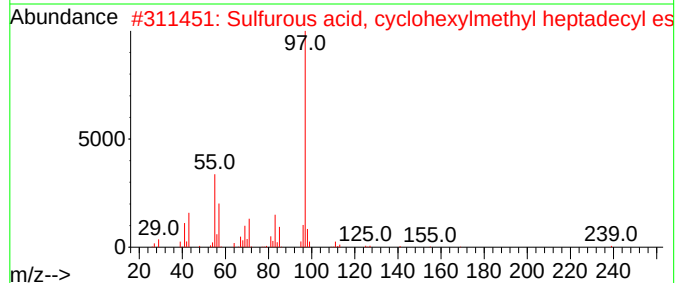
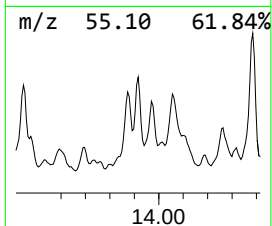
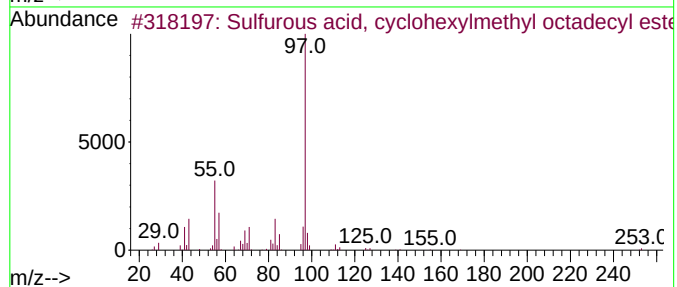
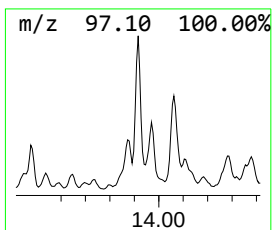
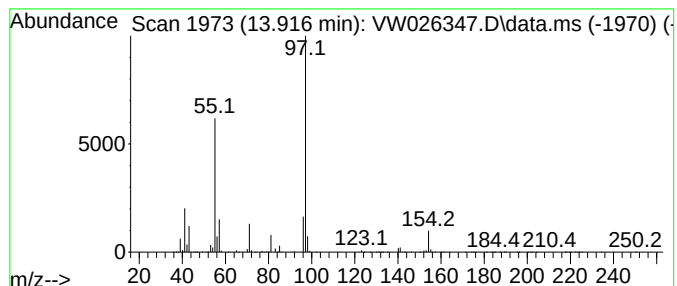
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 Sulfurous acid, cyclohexylm... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	63.54 ug/L	2802390	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	56
2			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	56
3			Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	56
4			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	53
5			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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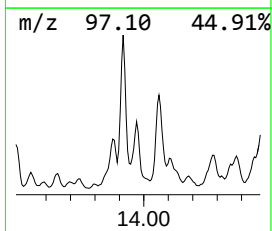
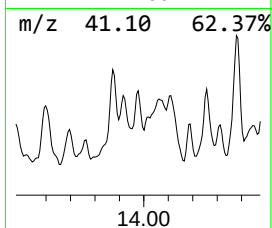
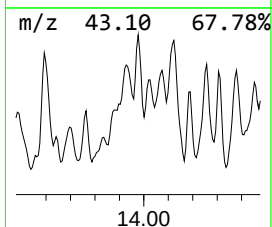
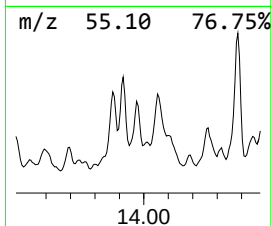
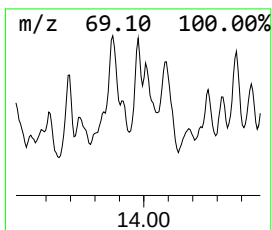
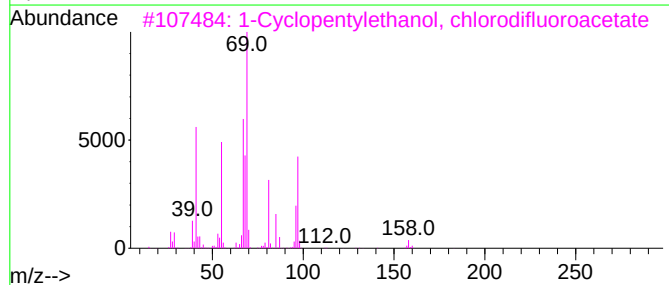
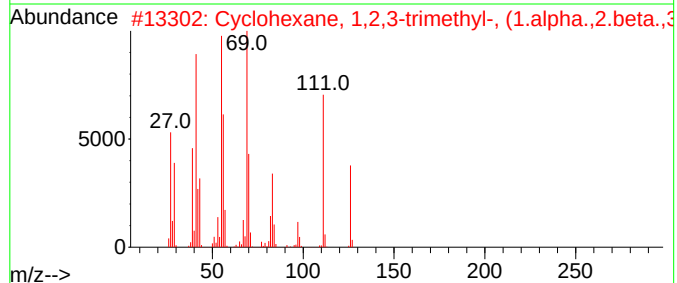
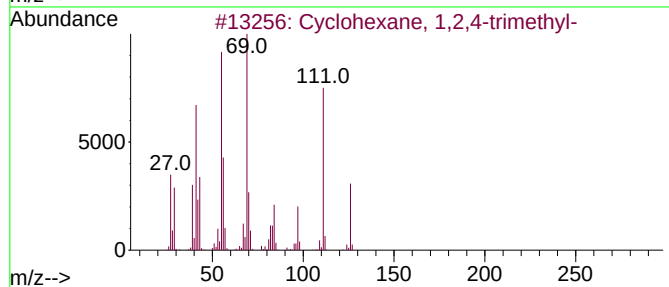
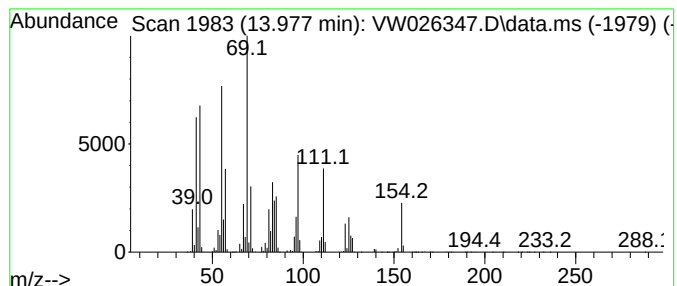
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Cyclic13.977 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	53.08 ug/L	2341270	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	60
2			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	46
3			1-Cyclopentylethanol, chlorodifl...	226	C9H13ClF2O2	1000376-25-2	38
4			Crotyl methacrylate	140	C8H12O2	007376-45-6	38
5			Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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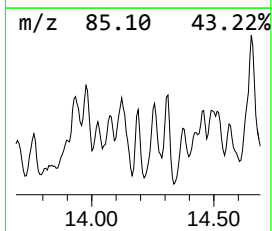
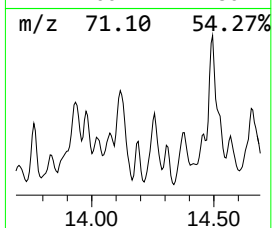
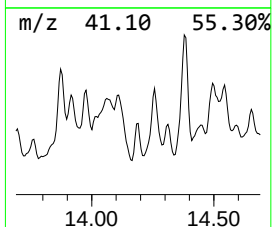
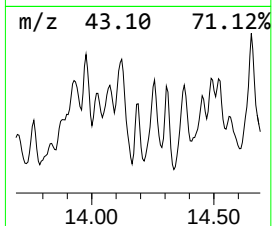
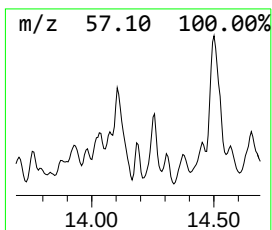
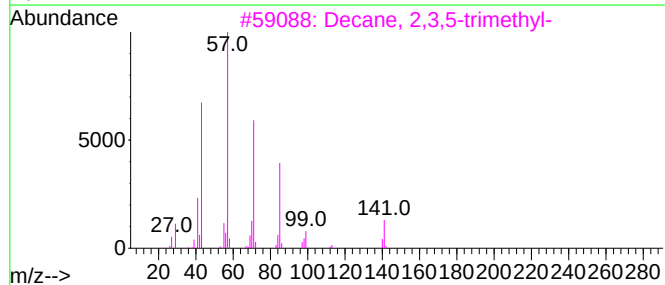
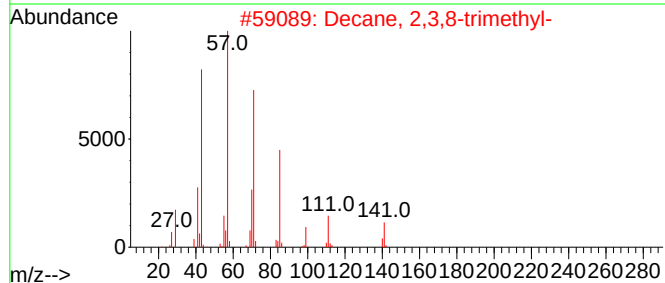
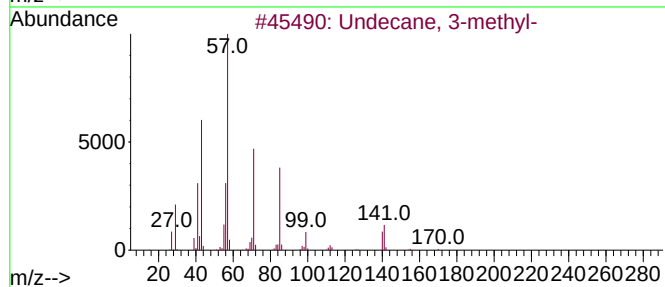
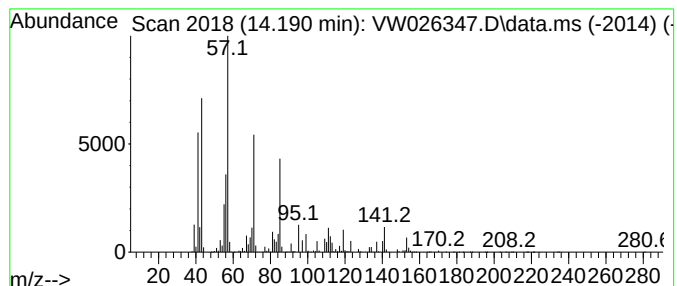
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	48.92 ug/L	2157770	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	68
2			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	58
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
5			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

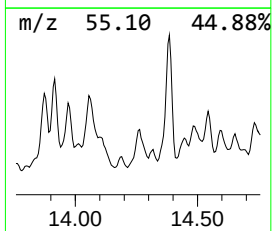
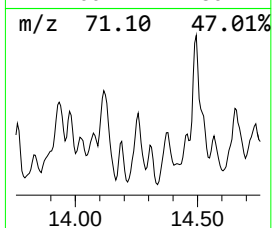
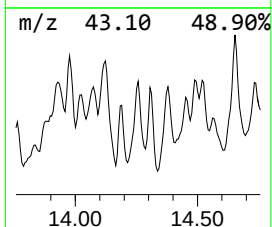
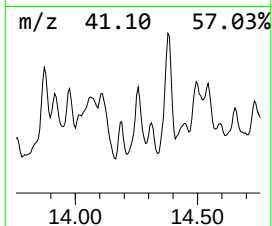
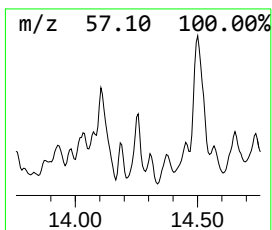
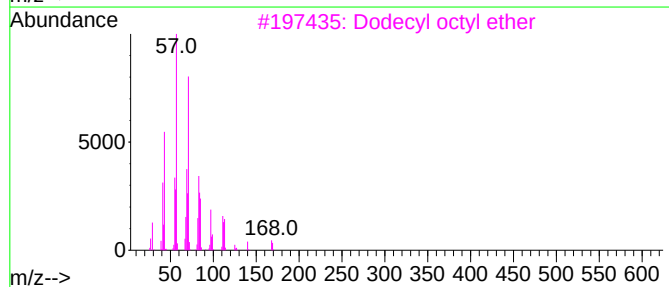
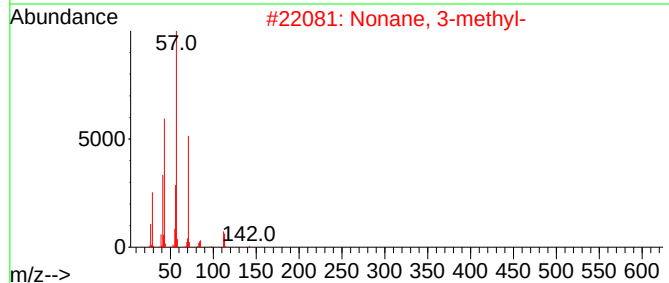
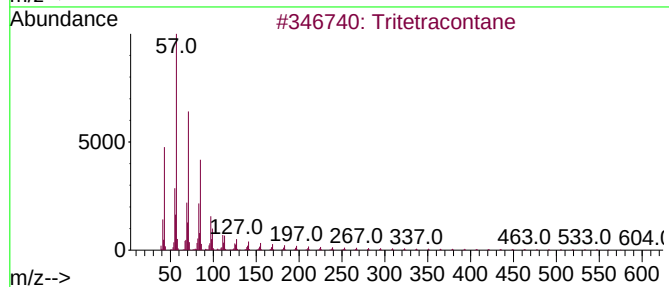
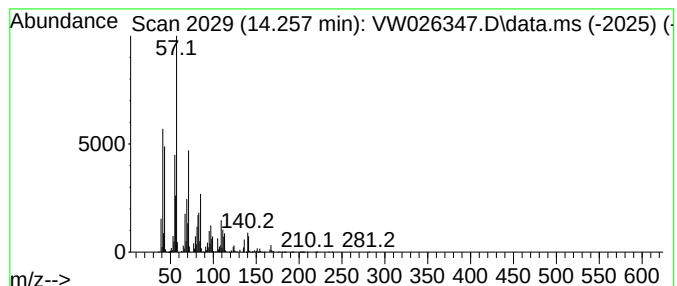
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	88.83 ug/L	3917920	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	50
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	49
3			Dodecyl octyl ether	298	C20H42O	1000406-38-4	49
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49
5			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

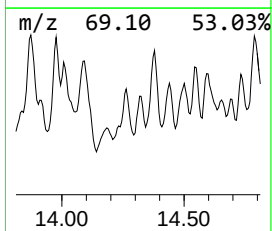
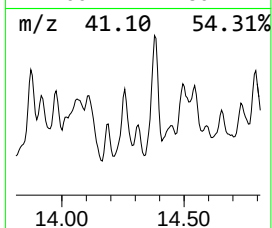
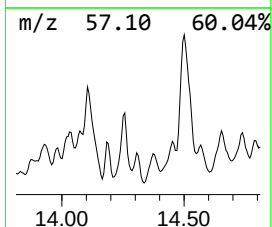
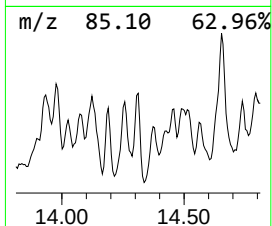
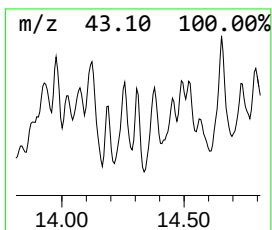
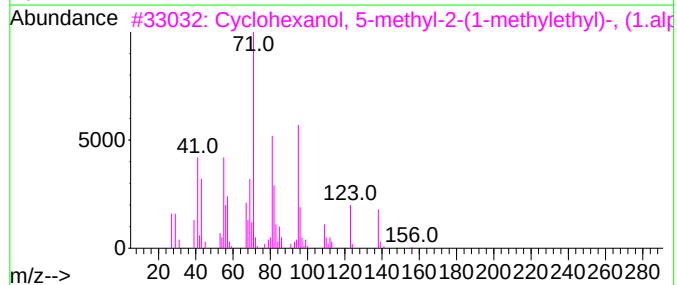
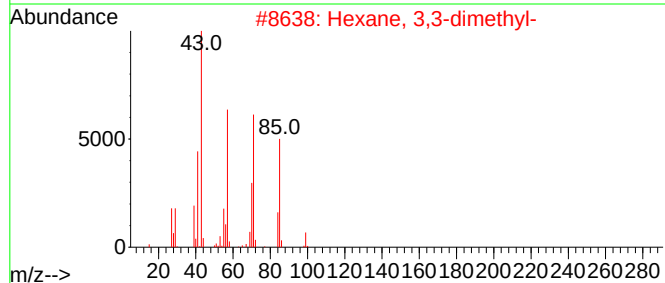
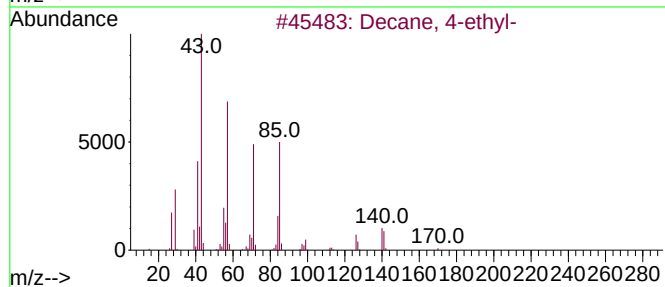
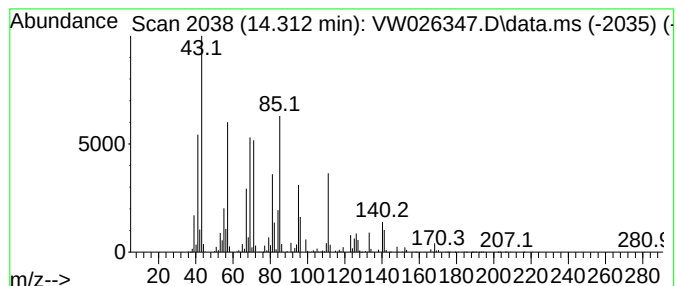
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	36.80 ug/L	1623190	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-ethyl-	170	C12H26	001636-44-8	92
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43
3			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	27
4			3-Methyl-2-butenic acid, 2-tetr...	184	C10H16O3	1010279-23-1	18
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

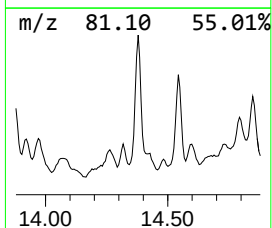
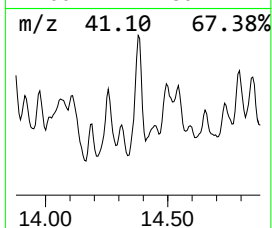
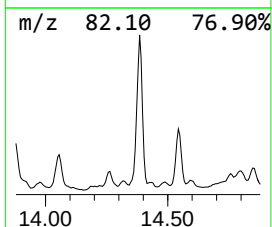
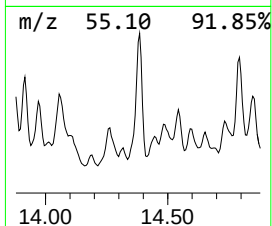
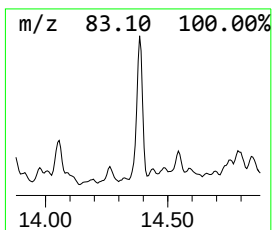
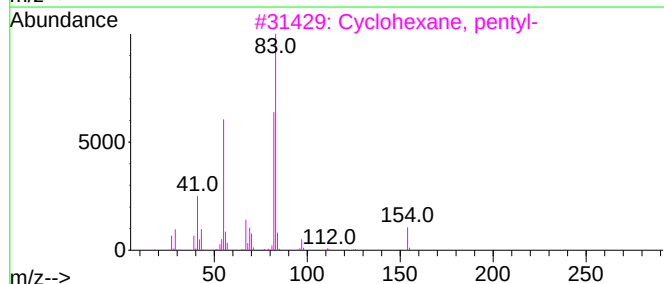
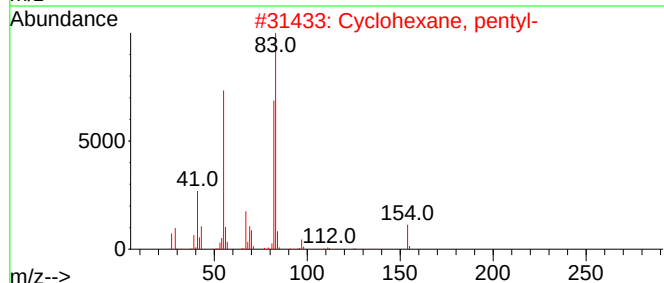
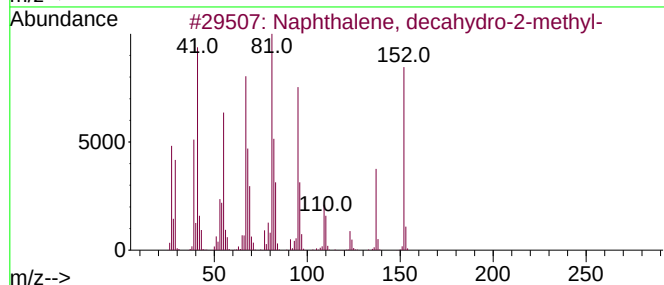
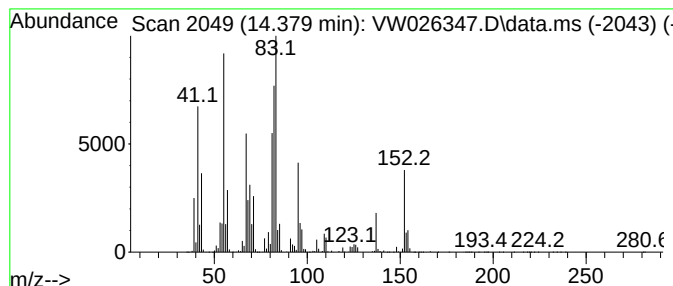
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	241.22 ug/L	10639500	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	49
5			Furan, 2-hexyl-	152	C10H16O	003777-70-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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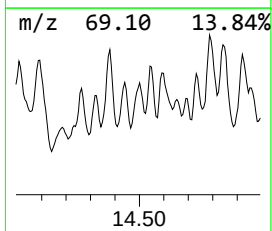
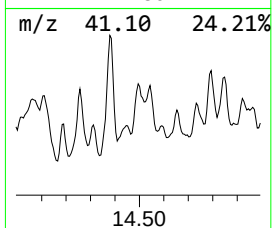
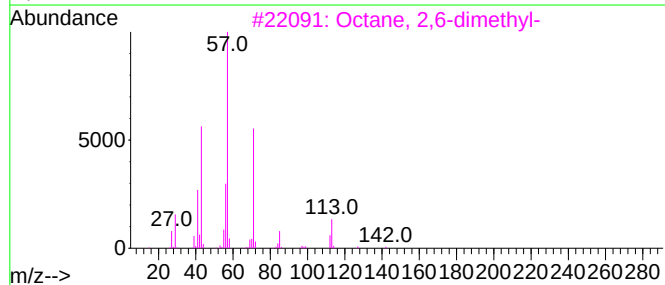
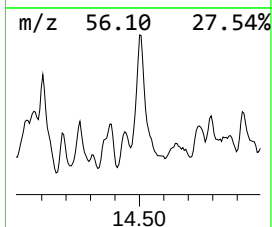
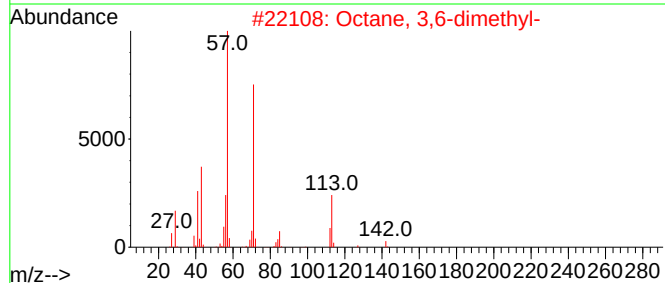
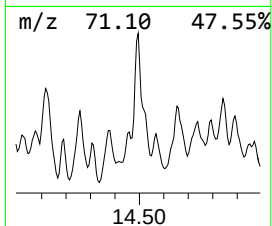
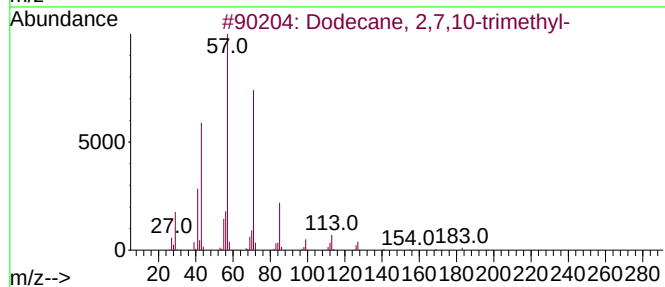
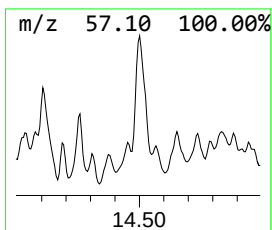
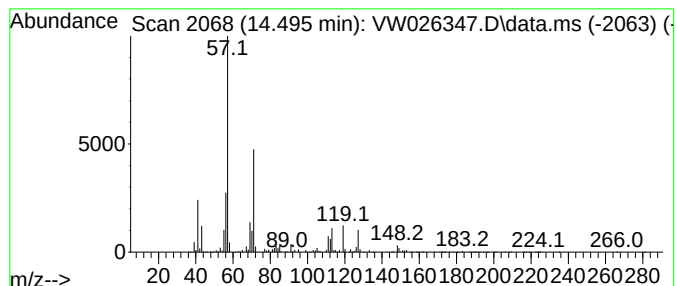
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	116.45 ug/L	5136350	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
4			Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	50
5			Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

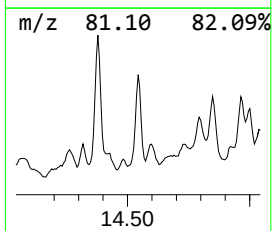
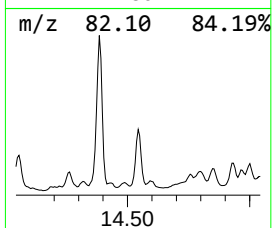
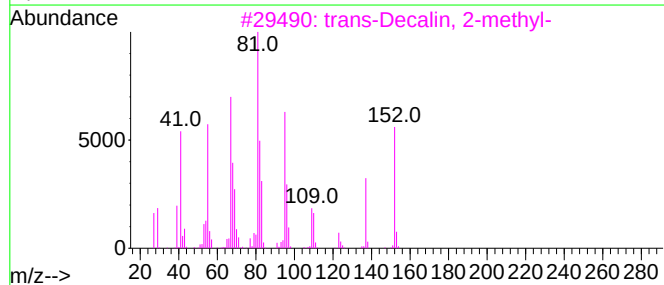
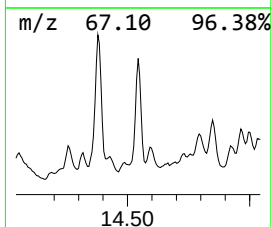
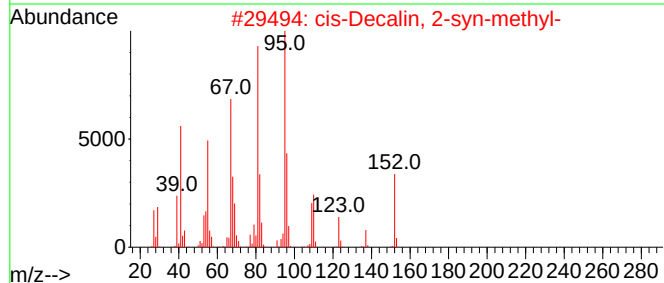
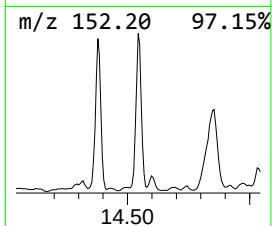
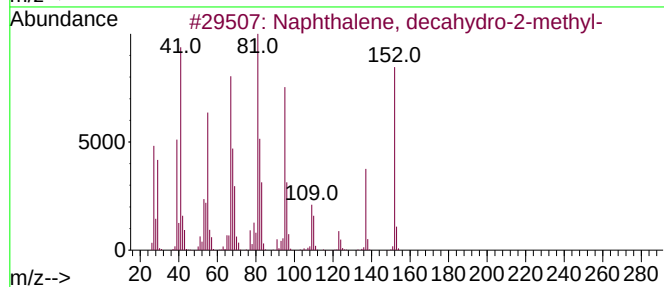
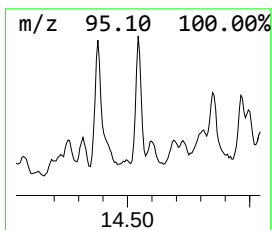
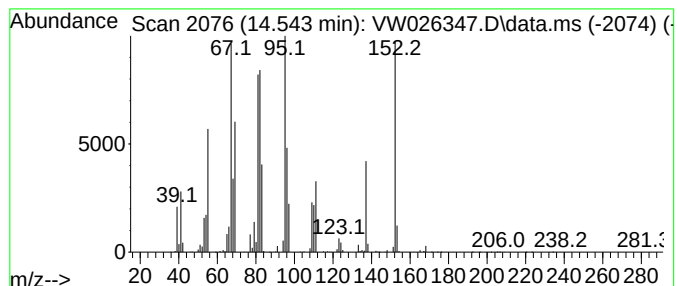
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 cis-Decalin, 2-syn-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.544	73.72 ug/L	3251440	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	90
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	47
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

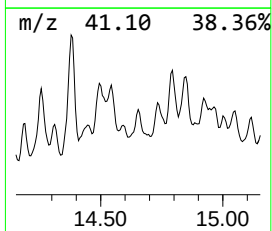
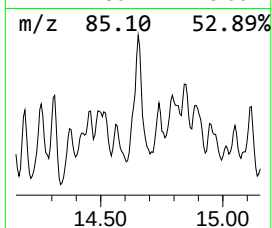
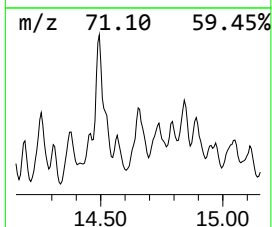
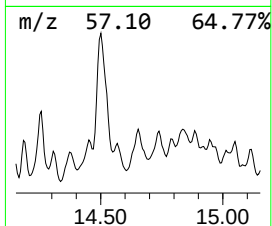
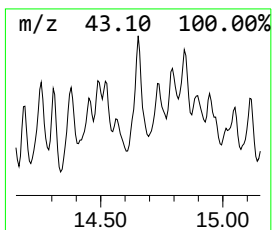
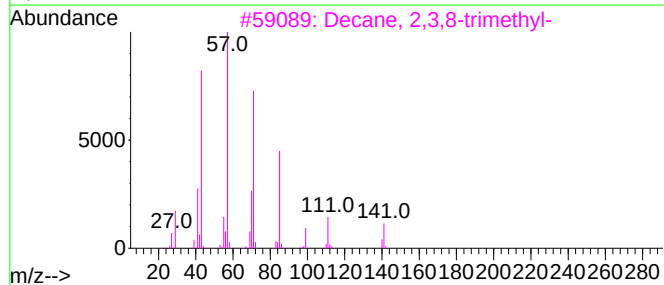
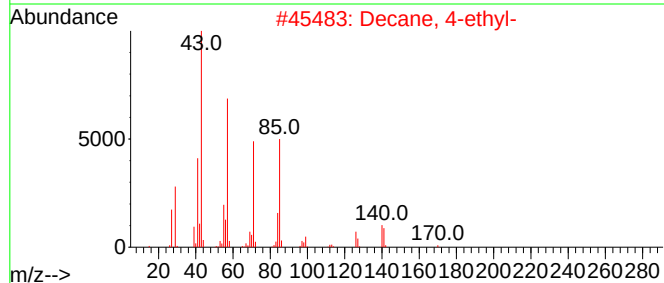
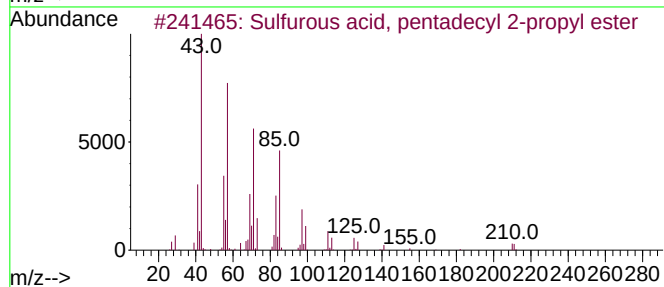
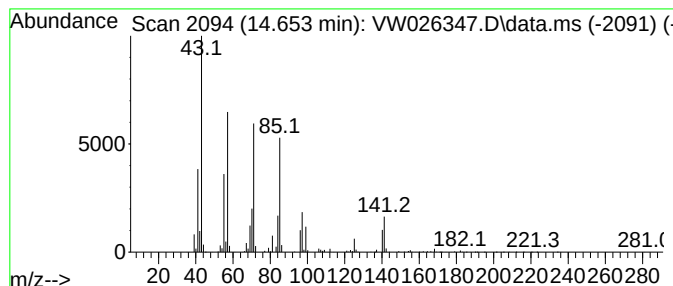
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 Sulfurous acid, pentadecyl ... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	44.06 ug/L	1943530	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	59
2			Decane, 4-ethyl-	170	C12H26	001636-44-8	53
3			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	52
4			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	47
5			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

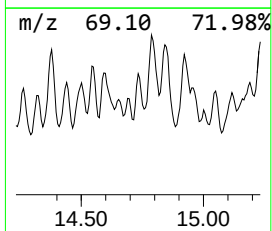
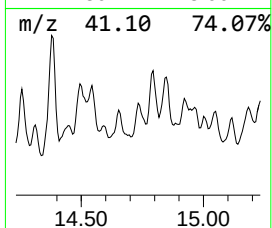
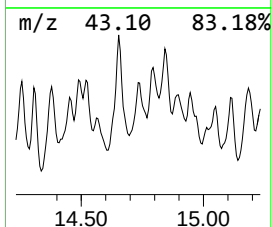
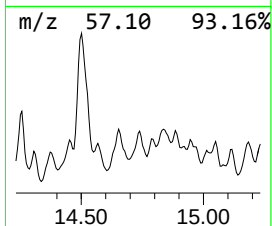
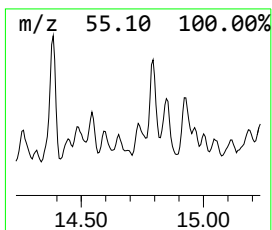
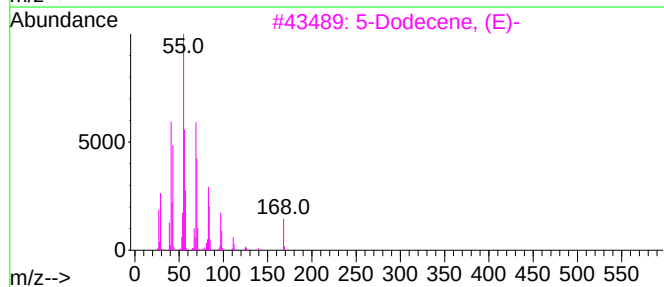
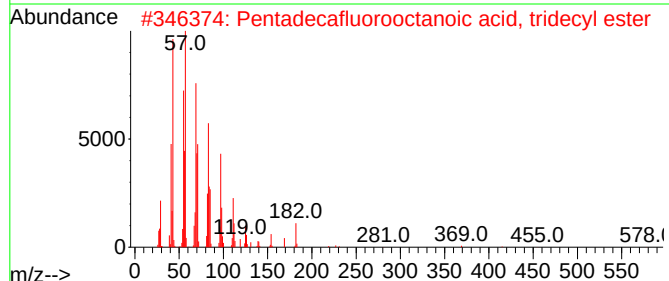
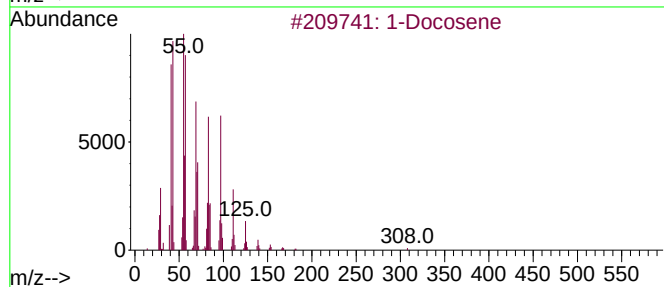
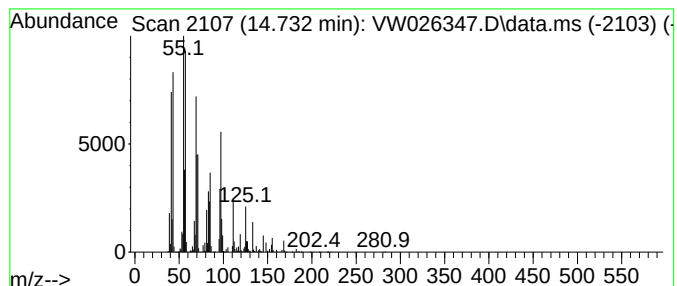
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	68.15 ug/L	3005990	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	80
2	Pentadecafluorooctanoic acid, tr...		596	C21H27F15O2	1000406-04-3	64
3	5-Dodecene, (E)-		168	C12H24	007206-16-8	46
4	5-Dodecene, (E)-		168	C12H24	007206-16-8	46
5	5-Undecene, 8-methyl-, (E)-		168	C12H24	039546-85-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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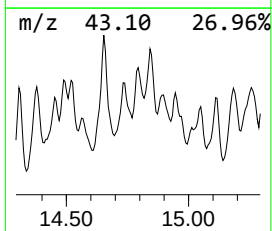
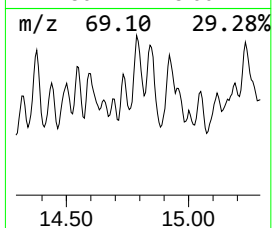
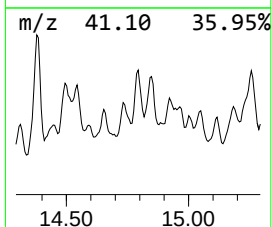
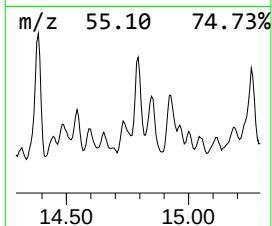
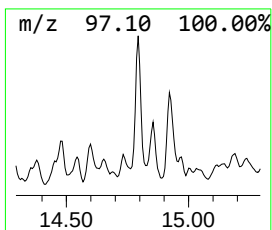
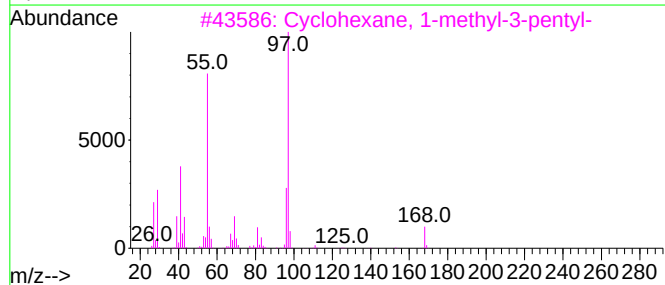
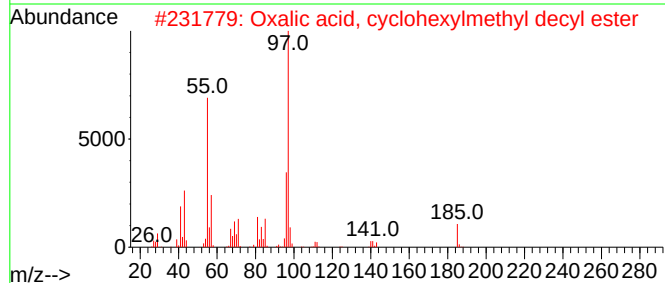
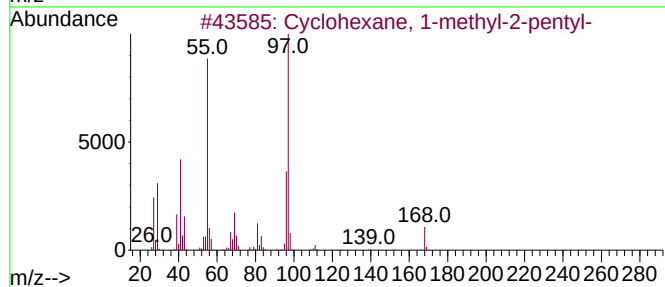
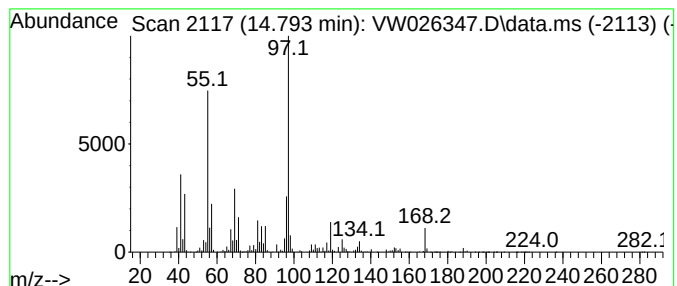
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 (DEL) Alkane: Cyclic14.793 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	117.39 ug/L	5177630	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	68
2			Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	64
3			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	64
4			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	62
5			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

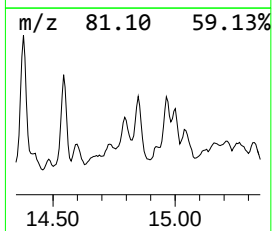
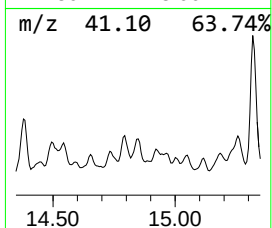
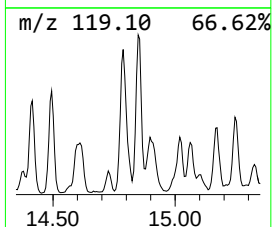
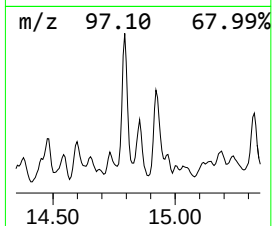
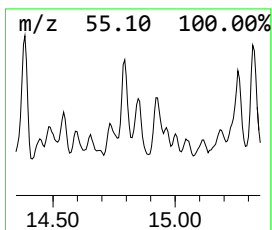
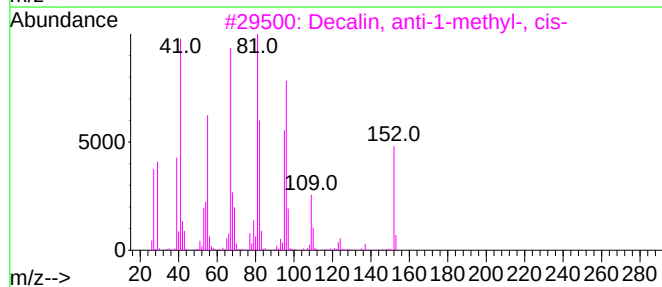
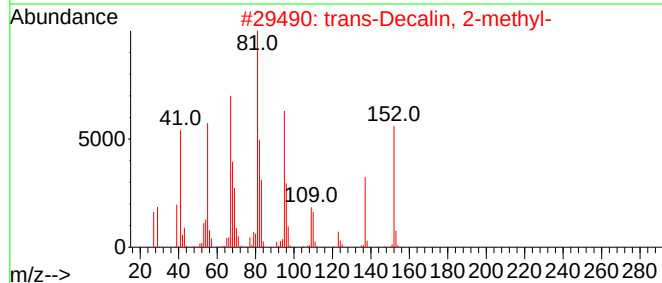
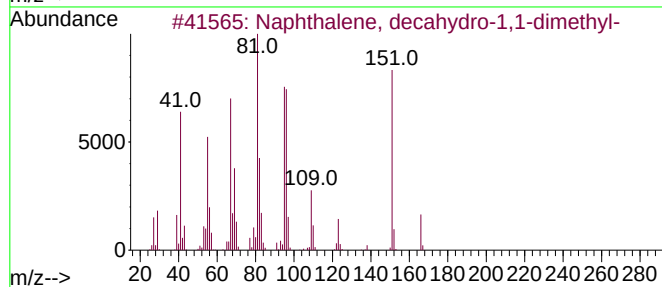
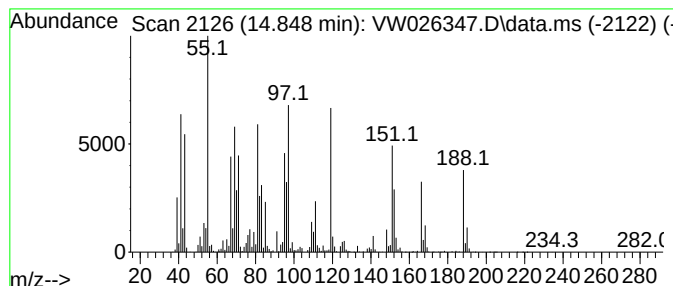
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	129.86 ug/L	5727650	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	27
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	25
3			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	25
4			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	25
5			Cyclohexane, 1,1'-hexylidenebis-	250	C18H34	055030-20-1	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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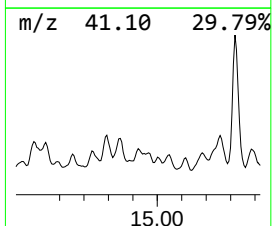
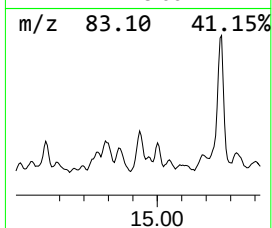
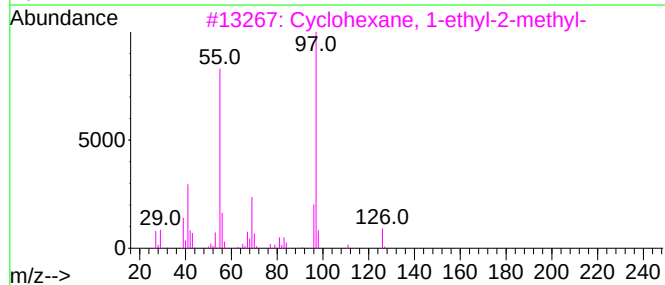
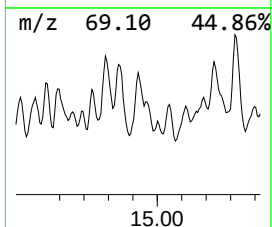
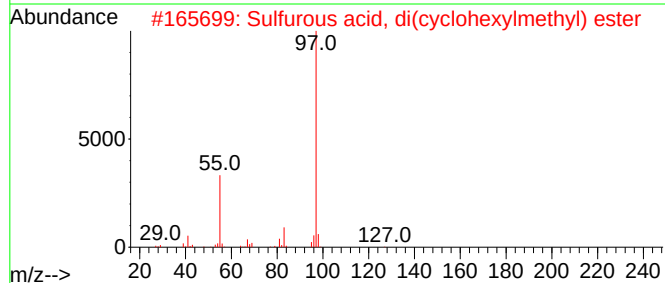
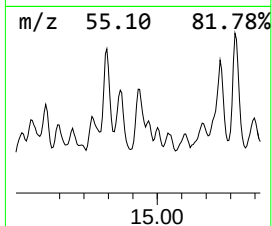
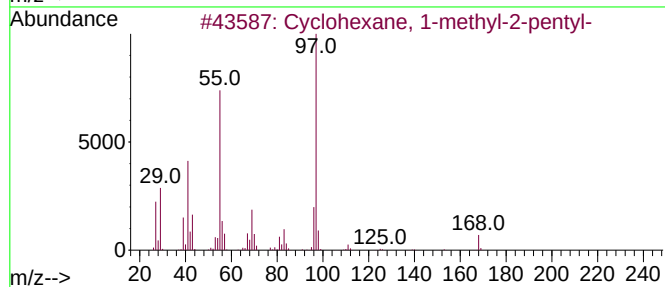
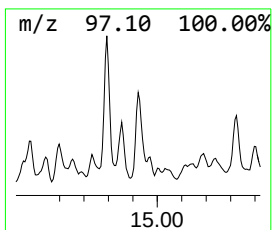
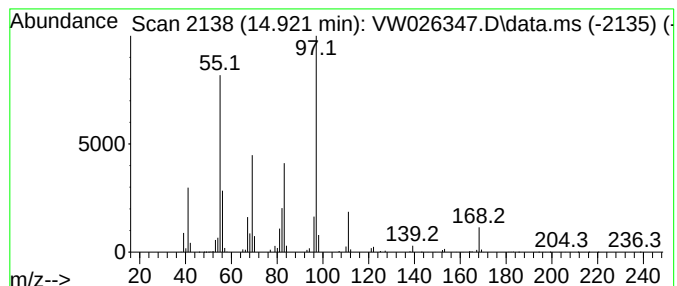
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 (DEL) Alkane: Cyclic14.922 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	41.99 ug/L	1852080	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	52
2			Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1010309-22-7	50
3			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	49
4			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	47
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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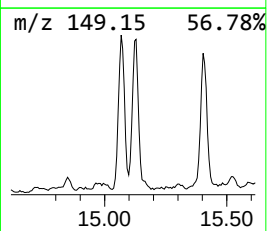
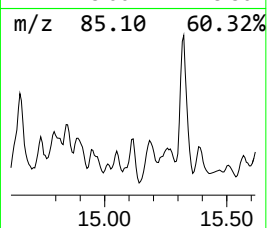
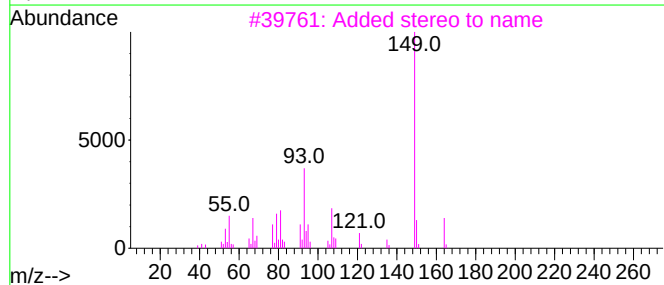
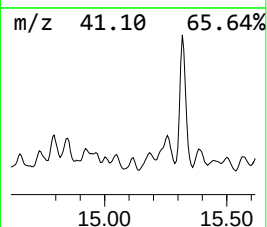
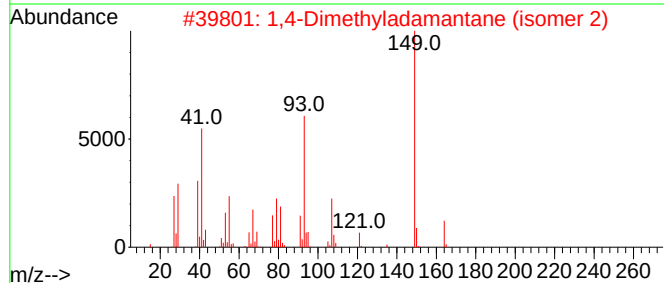
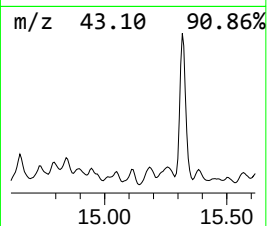
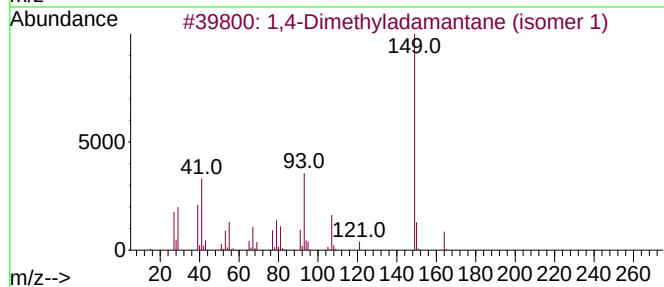
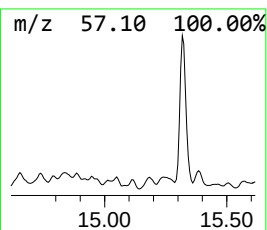
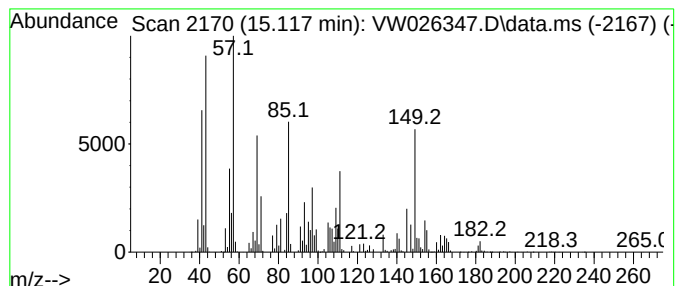
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 unknown-03 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.117	32.97 ug/L	1454360	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	25
2		1,4-Dimethyladamantane (isomer 2)	164	C12H20	1000460-67-1	15
3		Added stereo to name	164	C12H20	024145-89-9	11
4		3-Chloromethyl-2,4,6-trimethylph...	184	C10H13ClO	099187-90-3	11
5		Added stereo to name	164	C12H20	024145-88-8	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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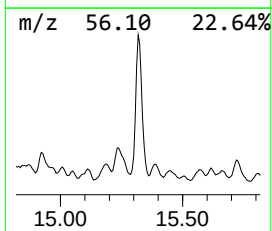
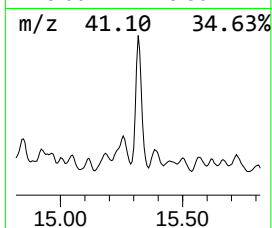
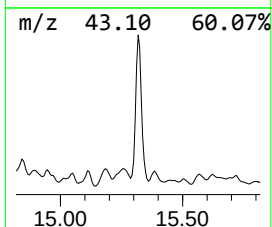
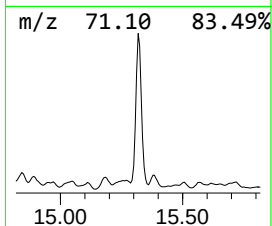
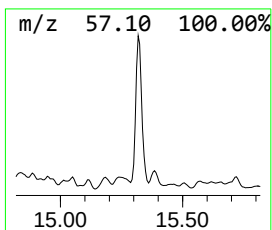
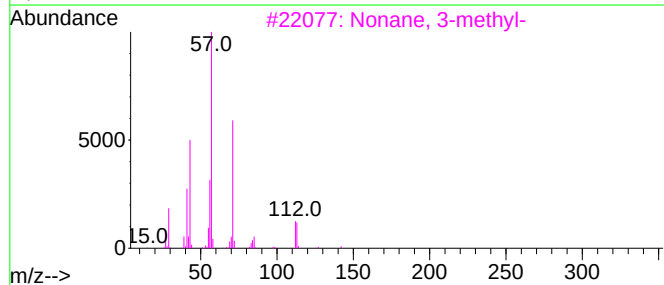
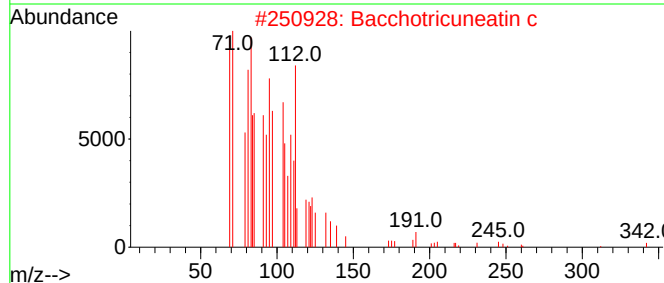
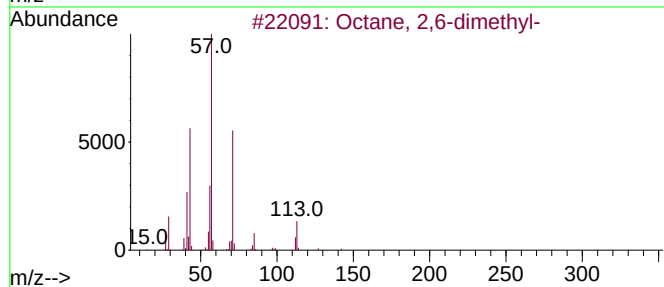
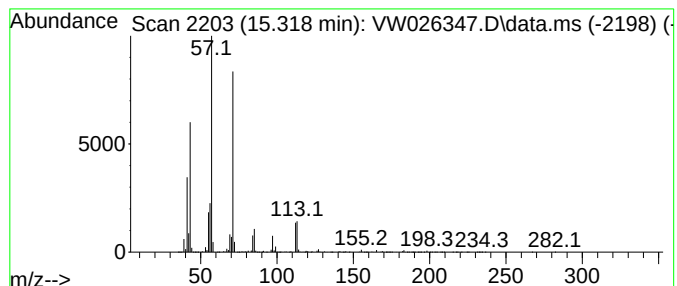
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	444.00 ug/L	19583800	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	83	
2	Bacchotricuneatin c		342	C20H2205	066563-30-2	72	
3	Nonane, 3-methyl-		142	C10H22	005911-04-6	72	
4	Sulfurous acid, dodecyl 2-ethylh...		362	C20H4203S	1000309-19-5	72	
5	Oxalic acid, bis(2-ethylhexyl) e...		314	C18H3404	1000309-39-0	64	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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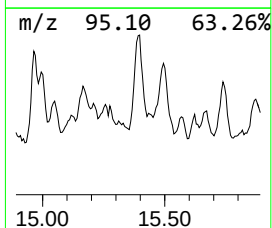
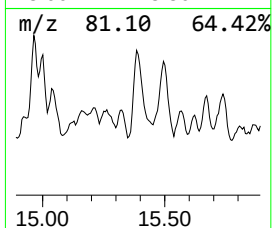
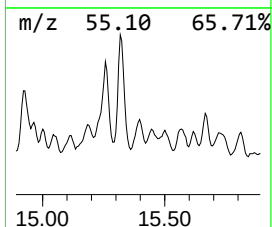
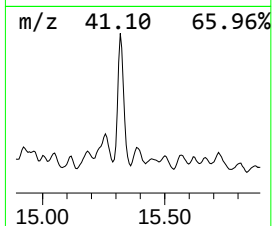
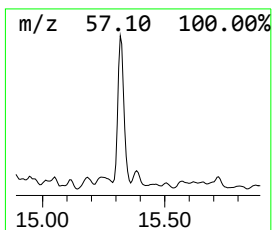
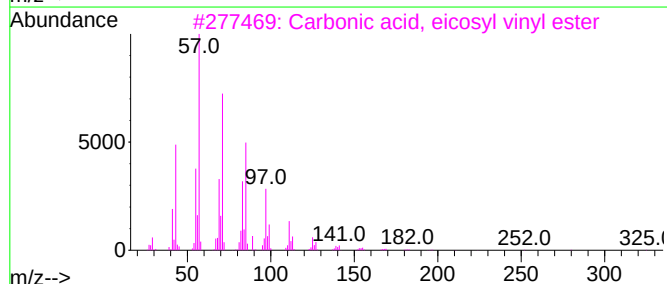
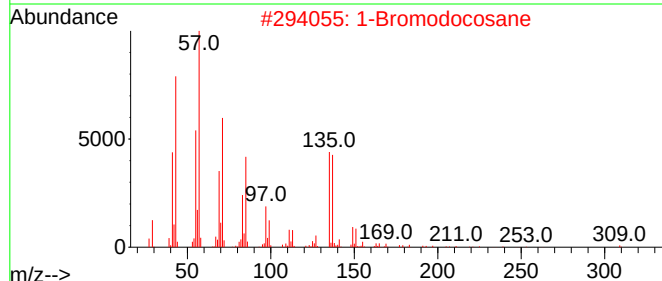
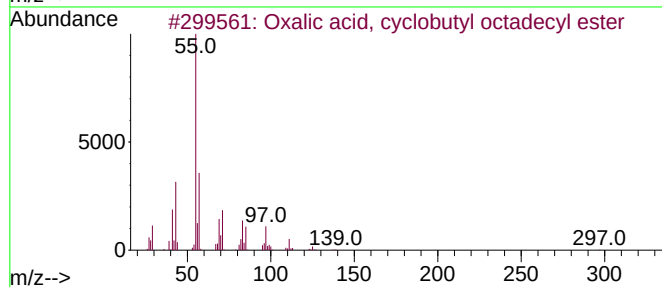
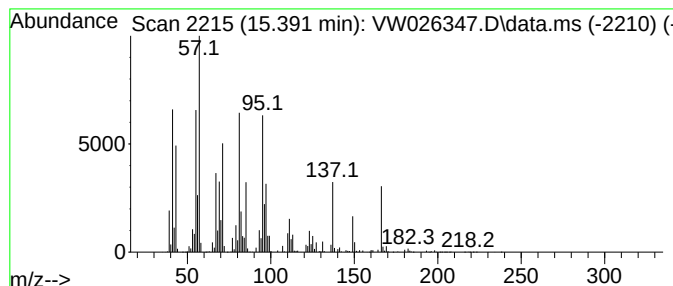
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	89.63 ug/L	3953530	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclobutyl octadecyl...	396	C24H44O4	1000309-70-8	38
2			1-Bromodocosane	388	C22H45Br	006938-66-5	35
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	30
4			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	25
5			Isobutyl octacosyl ether	467	C32H66O	1000406-33-4	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

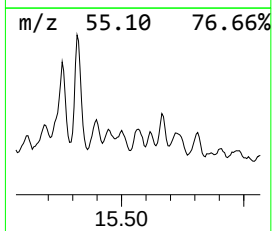
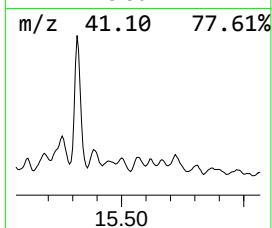
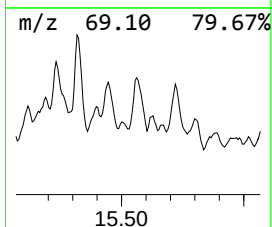
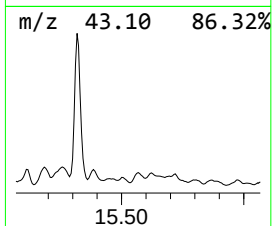
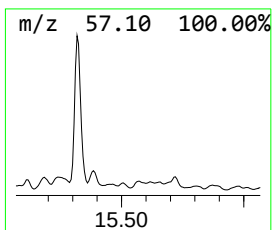
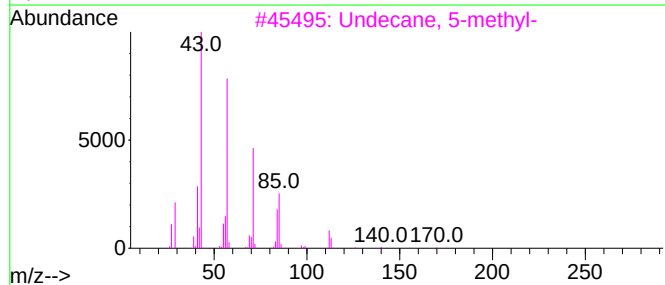
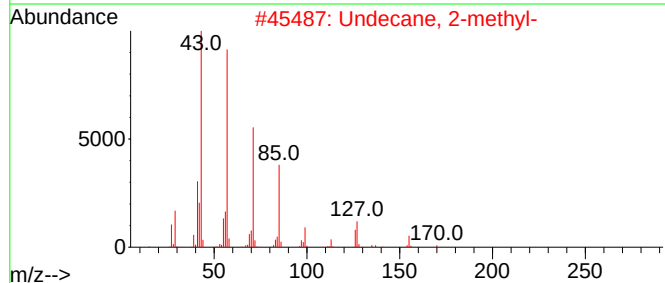
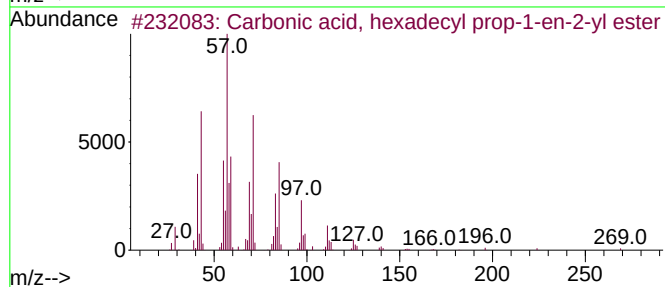
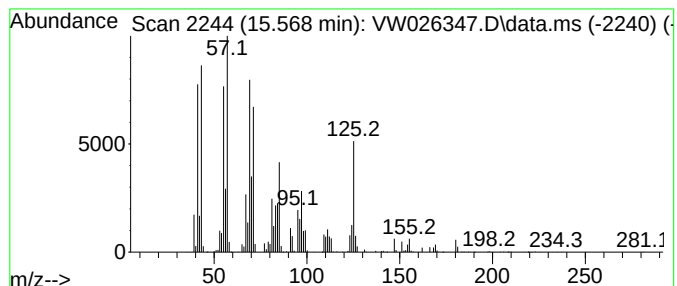
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 65 unknown-05 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.568	49.47 ug/L	2182140	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	38
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	35
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	30
4			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	30
5			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

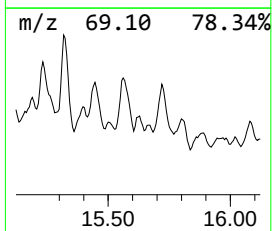
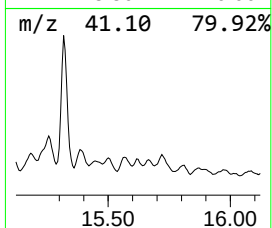
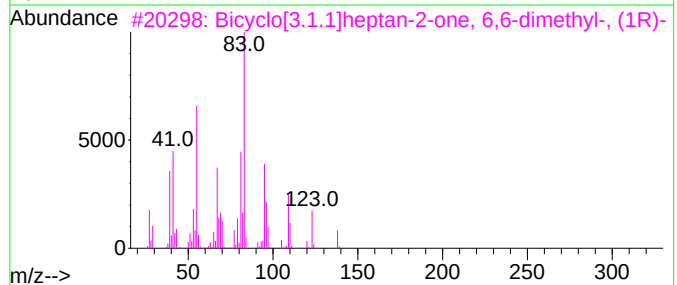
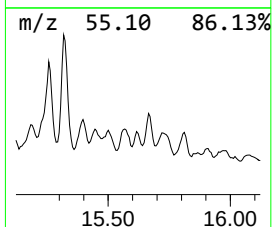
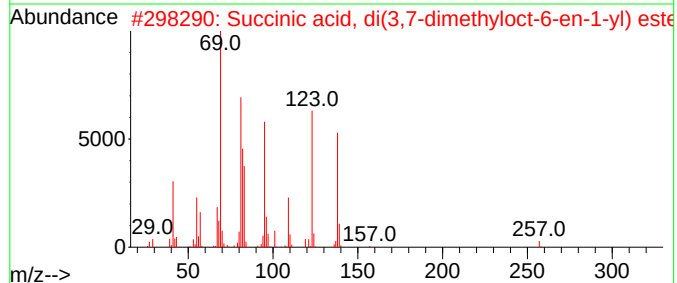
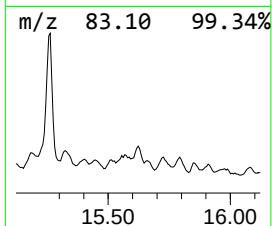
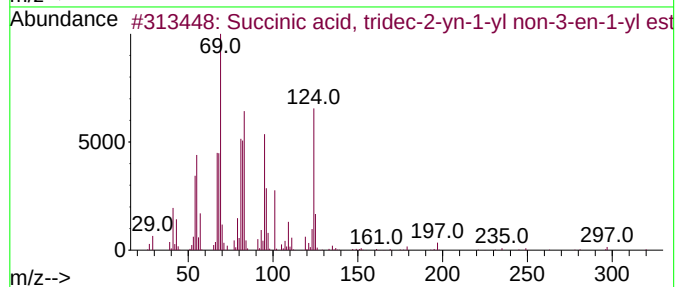
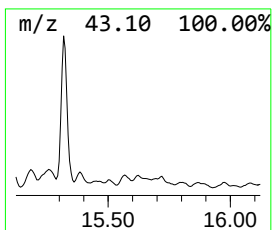
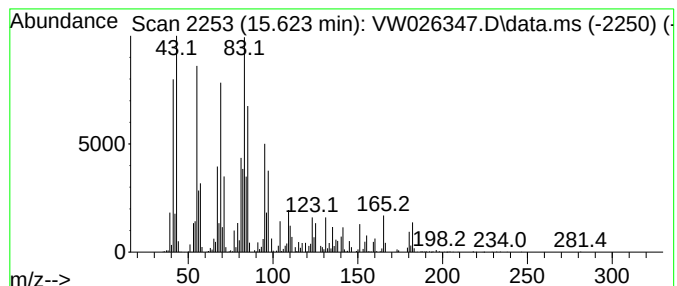
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 66 Succinic acid, tridec-2-yn-... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.623	19.89 ug/L	877163	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Succinic acid, tridec-2-yn-1-yl ...	420	C26H44O4	1010391-10-5	52
2			Succinic acid, di(3,7-dimethyloc...	394	C24H42O4	1000353-35-2	46
3			Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	46
4			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	42
5			2-Tridecenal, (E)-	196	C13H24O	007069-41-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

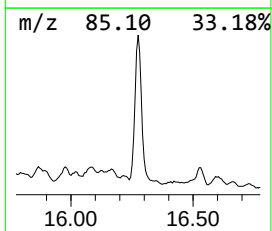
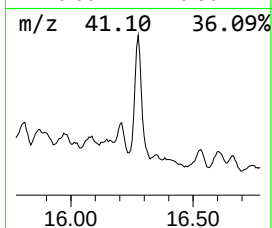
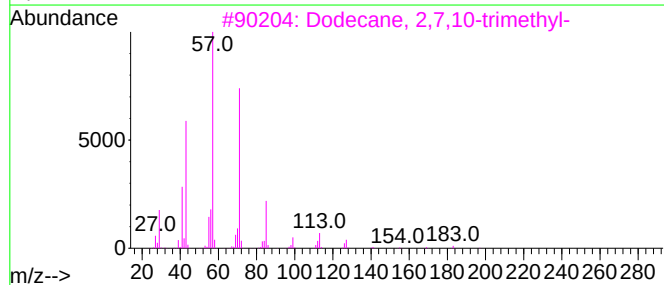
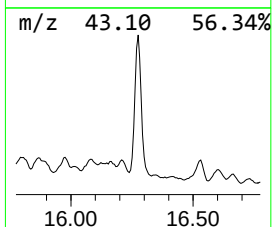
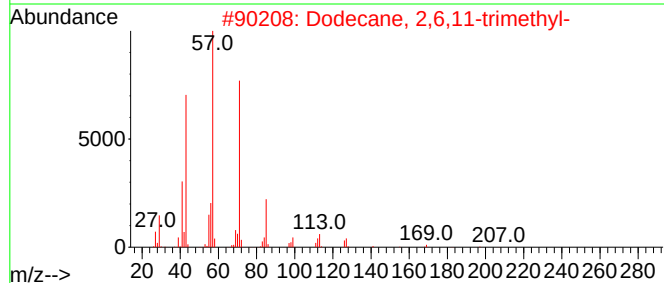
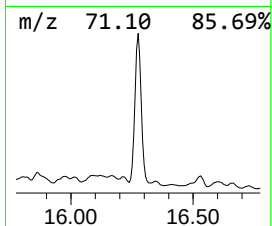
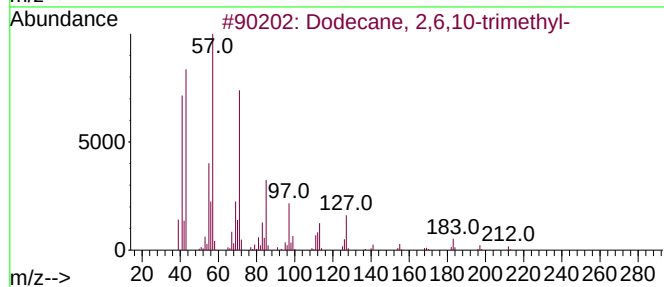
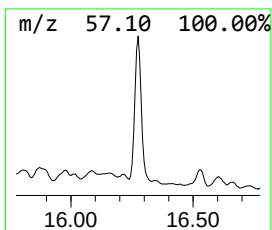
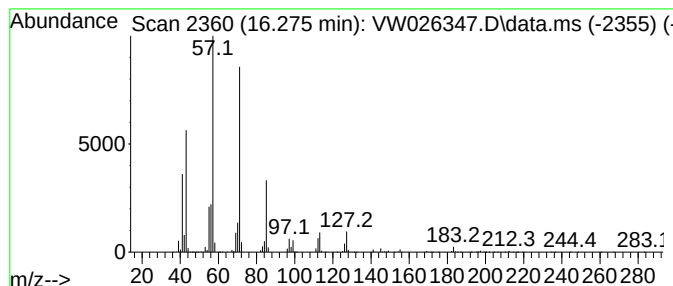
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	195.03 ug/L	8602470	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026347.D
Acq On : 27 Jun 2023 12:14
Operator : SY/MD
Sample : 03421-06
Misc : 5.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4644

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

						--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc	
(DEL) Alkane: S...	8.154	2.0	ug/L	172421	1	8.843	2187040	25.0	
(DEL) Alkane: S...	9.148	2.5	ug/L	216531	1	8.843	2187040	25.0	
(DEL) Alkane: C...	9.605	6.9	ug/L	600008	1	8.843	2187040	25.0	
(DEL) Alkane: C...	9.752	7.0	ug/L	609712	1	8.843	2187040	25.0	
(DEL) Alkane: S...	9.898	4.5	ug/L	398206	1	8.843	2187040	25.0	
(DEL) Alkane: S...	9.953	3.5	ug/L	307812	1	8.843	2187040	25.0	
(DEL) Alkane: S...	9.989	2.4	ug/L	206993	1	8.843	2187040	25.0	
(DEL) Alkane: S...	10.093	7.0	ug/L	615398	1	8.843	2187040	25.0	
(DEL) Alkane: S...	10.246	1.7	ug/L	140524	2	11.629	2057080	25.0	
(DEL) Alkane: C...	10.495	2.7	ug/L	223247	2	11.629	2057080	25.0	
(DEL) Alkane: C...	10.666	2.8	ug/L	228325	2	11.629	2057080	25.0	
(DEL) Alkane: C...	10.764	2.9	ug/L	235288	2	11.629	2057080	25.0	
(DEL) Alkane: S...	10.843	2.6	ug/L	211418	2	11.629	2057080	25.0	
(DEL) Alkane: S...	11.032	5.4	ug/L	446629	2	11.629	2057080	25.0	
(DEL) Alkane: C...	11.111	1.6	ug/L	135735	2	11.629	2057080	25.0	
(DEL) Alkane: C...	11.178	4.3	ug/L	350424	2	11.629	2057080	25.0	
(DEL) Alkane: C...	11.227	9.6	ug/L	788820	2	11.629	2057080	25.0	
(DEL) Alkane: C...	11.288	3.9	ug/L	323933	2	11.629	2057080	25.0	
(DEL) Alkane: S...	11.337	12.0	ug/L	985235	2	11.629	2057080	25.0	
2- Bromopropion...	11.373	7.9	ug/L	651650	2	11.629	2057080	25.0	
(DEL) Alkane: C...	11.434	5.9	ug/L	486199	2	11.629	2057080	25.0	
(DEL) Alkane: S...	11.507	8.1	ug/L	666789	2	11.629	2057080	25.0	
(DEL) Alkane: C...	11.764	2.4	ug/L	194609	2	11.629	2057080	25.0	
(DEL) Alkane: C...	11.818	5.0	ug/L	412060	2	11.629	2057080	25.0	
(DEL) Alkane: C...	11.873	11.5	ug/L	943992	2	11.629	2057080	25.0	
(DEL) Alkane: C...	11.916	5.5	ug/L	452172	2	11.629	2057080	25.0	
(DEL) Alkane: S...	11.971	2.0	ug/L	161244	2	11.629	2057080	25.0	
(DEL) Alkane: S...	12.062	6.7	ug/L	551502	2	11.629	2057080	25.0	
(DEL) Alkane: S...	12.251	35.3	ug/L	2905240	2	11.629	2057080	25.0	
(DEL) Alkane: S...	12.361	68.2	ug/L	5610570	2	11.629	2057080	25.0	
(DEL) Alkane: S...	12.501	28.8	ug/L	2371570	2	11.629	2057080	25.0	
(DEL) Alkane: S...	12.586	7.3	ug/L	599182	2	11.629	2057080	25.0	
(DEL) Alkane: S...	12.745	7.0	ug/L	309613	3	13.556	1102690	25.0	
(DEL) Alkane: S...	12.775	57.5	ug/L	2537950	3	13.556	1102690	25.0	
(DEL) Alkane: C...	12.855	44.2	ug/L	1950800	3	13.556	1102690	25.0	
(DEL) Alkane: C...	12.940	121.2	ug/L	5344320	3	13.556	1102690	25.0	
(DEL) Alkane: C...	13.038	6.8	ug/L	300446	3	13.556	1102690	25.0	
(DEL) Alkane: S...	13.074	38.6	ug/L	1702760	3	13.556	1102690	25.0	
unknown-01	13.123	37.1	ug/L	1638040	3	13.556	1102690	25.0	
(DEL) Alkane: S...	13.184	17.7	ug/L	781031	3	13.556	1102690	25.0	
(DEL) Alkane: S...	13.288	86.4	ug/L	3812860	3	13.556	1102690	25.0	
(DEL) Alkane: S...	13.342	58.0	ug/L	2558210	3	13.556	1102690	25.0	
Heptanedioic ac...	13.373	21.3	ug/L	939984	3	13.556	1102690	25.0	
(DEL) Alkane: S...	13.410	59.1	ug/L	2608120	3	13.556	1102690	25.0	
(DEL) Alkane: C...	13.446	208.5	ug/L	9196360	3	13.556	1102690	25.0	
(DEL) Alkane: C...	13.696	64.0	ug/L	2821390	3	13.556	1102690	25.0	
(DEL) Alkane: S...	13.763	25.4	ug/L	1119520	3	13.556	1102690	25.0	
Sulfurous acid,...	13.916	63.5	ug/L	2802390	3	13.556	1102690	25.0	
(DEL) Alkane: C...	13.977	53.1	ug/L	2341270	3	13.556	1102690	25.0	
(DEL) Alkane: S...	14.190	48.9	ug/L	2157770	3	13.556	1102690	25.0	
(DEL) Alkane: S...	14.257	88.8	ug/L	3917920	3	13.556	1102690	25.0	
(DEL) Alkane: S...	14.312	36.8	ug/L	1623190	3	13.556	1102690	25.0	

Naphthalene, de...	14.379	241.2	ug/L	10639500	3	13.556	1102690	25.0
(DEL) Alkane: S...	14.495	116.5	ug/L	5136350	3	13.556	1102690	25.0
cis-Decalin, 2-...	14.544	73.7	ug/L	3251440	3	13.556	1102690	25.0
Sulfurous acid,...	14.653	44.1	ug/L	1943530	3	13.556	1102690	25.0
(DEL) Alkane: S...	14.733	68.2	ug/L	3005990	3	13.556	1102690	25.0
(DEL) Alkane: C...	14.793	117.4	ug/L	5177630	3	13.556	1102690	25.0
unknown-02	14.848	129.9	ug/L	5727650	3	13.556	1102690	25.0
(DEL) Alkane: C...	14.922	42.0	ug/L	1852080	3	13.556	1102690	25.0
unknown-03	15.117	33.0	ug/L	1454360	3	13.556	1102690	25.0
(DEL) Alkane: S...	15.318	444.0	ug/L	19583800	3	13.556	1102690	25.0
unknown-04	15.391	89.6	ug/L	3953530	3	13.556	1102690	25.0
unknown-05	15.568	49.5	ug/L	2182140	3	13.556	1102690	25.0
Succinic acid, ...	15.623	19.9	ug/L	877163	3	13.556	1102690	25.0
(DEL) Alkane: S...	16.275	195.0	ug/L	8602470	3	13.556	1102690	25.0

Instrument :

MSVOA_W

ClientSampleId :

A4644