

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026376.D
 Acq On : 28 Jun 2023 00:49
 Operator : SY/MD
 Sample : 03420-15
 Misc : 5.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46F0

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: VW026376.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	71	78	97	rVB	172808	453591	6.26%	0.453%
2	2.814	148	152	156	rBV	7075	11883	0.16%	0.012%
3	2.899	158	166	181	rVB	154657	421442	5.82%	0.421%
4	3.387	241	246	253	rBV4	6092	14988	0.21%	0.015%
5	4.021	339	350	361	rBV	347537	1116808	15.41%	1.116%
6	4.118	361	366	382	rVB	102466	285493	3.94%	0.285%
7	4.387	402	410	421	rBV	20024	63441	0.88%	0.063%
8	4.923	489	498	507	rBV2	16343	62119	0.86%	0.062%
9	5.941	658	665	667	rBV8	6164	10899	0.15%	0.011%
10	7.075	842	851	859	rBV	114988	320163	4.42%	0.320%
11	7.173	860	867	882	rVV3	43937	140569	1.94%	0.140%
12	7.648	934	945	958	rBV	578945	1434376	19.80%	1.433%
13	7.923	985	990	992	rBV5	5718	10311	0.14%	0.010%
14	8.026	1000	1007	1013	rBV8	6247	12257	0.17%	0.012%
15	8.160	1021	1029	1036	rBV2	16455	38428	0.53%	0.038%
16	8.276	1037	1048	1063	rVV2	1137013	3397584	46.89%	3.394%
17	8.441	1066	1075	1076	rVV8	7749	19342	0.27%	0.019%
18	8.477	1076	1081	1091	rVV2	15832	53155	0.73%	0.053%
19	8.569	1091	1096	1103	rVV9	10539	23884	0.33%	0.024%
20	8.703	1110	1118	1122	rBV7	7211	19001	0.26%	0.019%
21	8.843	1132	1141	1151	rBV	1267001	2557631	35.30%	2.555%
22	9.069	1174	1178	1185	rVB4	7359	14107	0.19%	0.014%
23	9.148	1185	1191	1195	rBV4	5137	10312	0.14%	0.010%
24	9.276	1202	1212	1218	rBV	820096	1700228	23.47%	1.698%
25	9.331	1218	1221	1226	rVV	100180	193428	2.67%	0.193%
26	9.380	1226	1229	1236	rVB2	31418	61122	0.84%	0.061%
27	9.611	1262	1267	1272	rVB	23438	44271	0.61%	0.044%
28	9.752	1284	1290	1298	rVB2	46031	97140	1.34%	0.097%
29	9.898	1308	1314	1319	rBV	45367	87387	1.21%	0.087%
30	9.989	1325	1329	1331	rBV	28091	39944	0.55%	0.040%
31	10.032	1331	1336	1342	rVV	329072	554758	7.66%	0.554%
32	10.245	1367	1371	1376	rVB2	37510	61766	0.85%	0.062%
33	10.325	1376	1384	1398	rBV	1527177	2892303	39.92%	2.889%
34	10.447	1400	1404	1406	rBV5	15623	23836	0.33%	0.024%
35	10.501	1406	1413	1420	rVB4	45276	122689	1.69%	0.123%
36	10.575	1420	1425	1430	rBV	203116	364595	5.03%	0.364%

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

37	10.666	1435	1440	1448	rVB2	71069	131265	1.81%	0.131%
38	10.764	1449	1456	1460	rBV5	57772	135579	1.87%	0.135%
39	10.843	1465	1469	1474	rVB	91372	149220	2.06%	0.149%
40	10.928	1474	1483	1491	rBV2	661436	1268054	17.50%	1.267%
41	11.032	1495	1500	1508	rVB	203693	396205	5.47%	0.396%
42	11.111	1508	1513	1516	rBV3	72724	124490	1.72%	0.124%
43	11.178	1519	1524	1527	rVV	134170	209148	2.89%	0.209%
44	11.227	1527	1532	1538	rVV	413713	756804	10.45%	0.756%
45	11.282	1538	1541	1544	rVV2	71723	112347	1.55%	0.112%
46	11.337	1544	1550	1554	rVV2	379448	698241	9.64%	0.697%
47	11.379	1554	1557	1558	rVV2	153506	199585	2.75%	0.199%
48	11.434	1562	1566	1573	rVB	258600	479105	6.61%	0.479%
49	11.507	1573	1578	1583	rBV	259287	421955	5.82%	0.422%
50	11.629	1590	1598	1607	rBV	1389871	2467124	34.05%	2.464%
51	11.763	1616	1620	1623	rBV	125292	191792	2.65%	0.192%
52	11.812	1623	1628	1633	rVV4	237790	465512	6.43%	0.465%
53	11.873	1633	1638	1642	rVV	502648	921504	12.72%	0.921%
54	11.916	1642	1645	1650	rVB3	314387	489382	6.75%	0.489%
55	11.971	1650	1654	1657	rBV2	109277	196596	2.71%	0.196%
56	12.056	1663	1668	1673	rVB3	243541	452686	6.25%	0.452%
57	12.135	1673	1681	1687	rBV4	803740	1845628	25.47%	1.844%
58	12.184	1687	1689	1692	rVV2	159078	186979	2.58%	0.187%
59	12.251	1692	1700	1704	rVB	1107552	1978155	27.30%	1.976%
60	12.361	1704	1718	1726	rBV4	1028483	4149186	57.27%	4.145%
61	12.501	1735	1741	1752	rVB4	647092	1640491	22.64%	1.639%
62	12.617	1752	1760	1765	rVB3	376461	964132	13.31%	0.963%
63	12.696	1765	1773	1777	rBV3	815631	1794423	24.77%	1.793%
64	12.745	1778	1781	1782	rBV3	122967	139083	1.92%	0.139%
65	12.775	1782	1786	1792	rVB3	816661	1557092	21.49%	1.555%
66	12.855	1792	1799	1804	rBV5	483059	1191856	16.45%	1.191%
67	12.940	1804	1813	1818	rBV5	1272854	3652532	50.41%	3.649%
68	12.989	1818	1821	1826	rVB2	640567	971218	13.40%	0.970%
69	13.044	1826	1830	1832	rBV2	337668	518259	7.15%	0.518%
70	13.074	1832	1835	1839	rVB	659450	900554	12.43%	0.900%
71	13.123	1839	1843	1846	rBV3	493051	840324	11.60%	0.839%
72	13.159	1846	1849	1856	rVB4	871699	1437921	19.85%	1.436%
73	13.287	1863	1870	1874	rBV	957162	1681405	23.21%	1.680%
74	13.336	1875	1878	1882	rBV2	571152	808649	11.16%	0.808%
75	13.373	1882	1884	1887	rBV3	134268	129883	1.79%	0.130%
76	13.446	1887	1896	1899	rBV6	1248215	2629172	36.29%	2.626%

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 Title : SFAM01.0

77	13.556	1910	1914	1917	rBV	731537	1064707	14.70%	1.064%
78	13.592	1917	1920	1931	rVB3	713085	1680392	23.19%	1.679%
79	13.696	1931	1937	1941	rBV5	543946	1150822	15.88%	1.150%
80	13.873	1957	1966	1970	rBV4	1756135	4415085	60.94%	4.410%
81	13.915	1970	1973	1979	rVV5	792842	1453632	20.06%	1.452%
82	13.976	1979	1983	1987	rVV3	714305	1099143	15.17%	1.098%
83	14.190	2014	2018	2023	rBV3	661594	1145772	15.81%	1.145%
84	14.257	2025	2029	2035	rVB4	926353	1510367	20.85%	1.509%
85	14.312	2035	2038	2042	rVB3	412137	556578	7.68%	0.556%
86	14.379	2043	2049	2054	rBV3	2164357	4062386	56.07%	4.058%
87	14.488	2064	2067	2069	rBV3	300985	435617	6.01%	0.435%
88	14.543	2073	2076	2081	rVB3	968501	1481733	20.45%	1.480%
89	14.653	2091	2094	2098	rBV	414647	545325	7.53%	0.545%
90	14.732	2104	2107	2112	rBV4	466714	779687	10.76%	0.779%
91	14.793	2112	2117	2120	rVV	1261201	2252530	31.09%	2.250%
92	14.842	2121	2125	2131	rVB4	1591002	3514430	48.51%	3.511%
93	15.116	2167	2170	2173	rBV3	330163	400259	5.52%	0.400%
94	15.257	2191	2193	2198	rVB	1057389	1430978	19.75%	1.429%
95	15.318	2198	2203	2210	rVB	4524225	7245267	100.00%	7.238%
96	15.391	2210	2215	2220	rBV5	678055	1522004	21.01%	1.520%
97	15.568	2240	2244	2249	rBV5	438437	854201	11.79%	0.853%
98	15.622	2250	2253	2255	rBV3	328715	460439	6.36%	0.460%
99	15.720	2266	2269	2277	rVB6	829947	1633204	22.54%	1.631%
100	16.275	2355	2360	2369	rVB	1754164	3393514	46.84%	3.390%

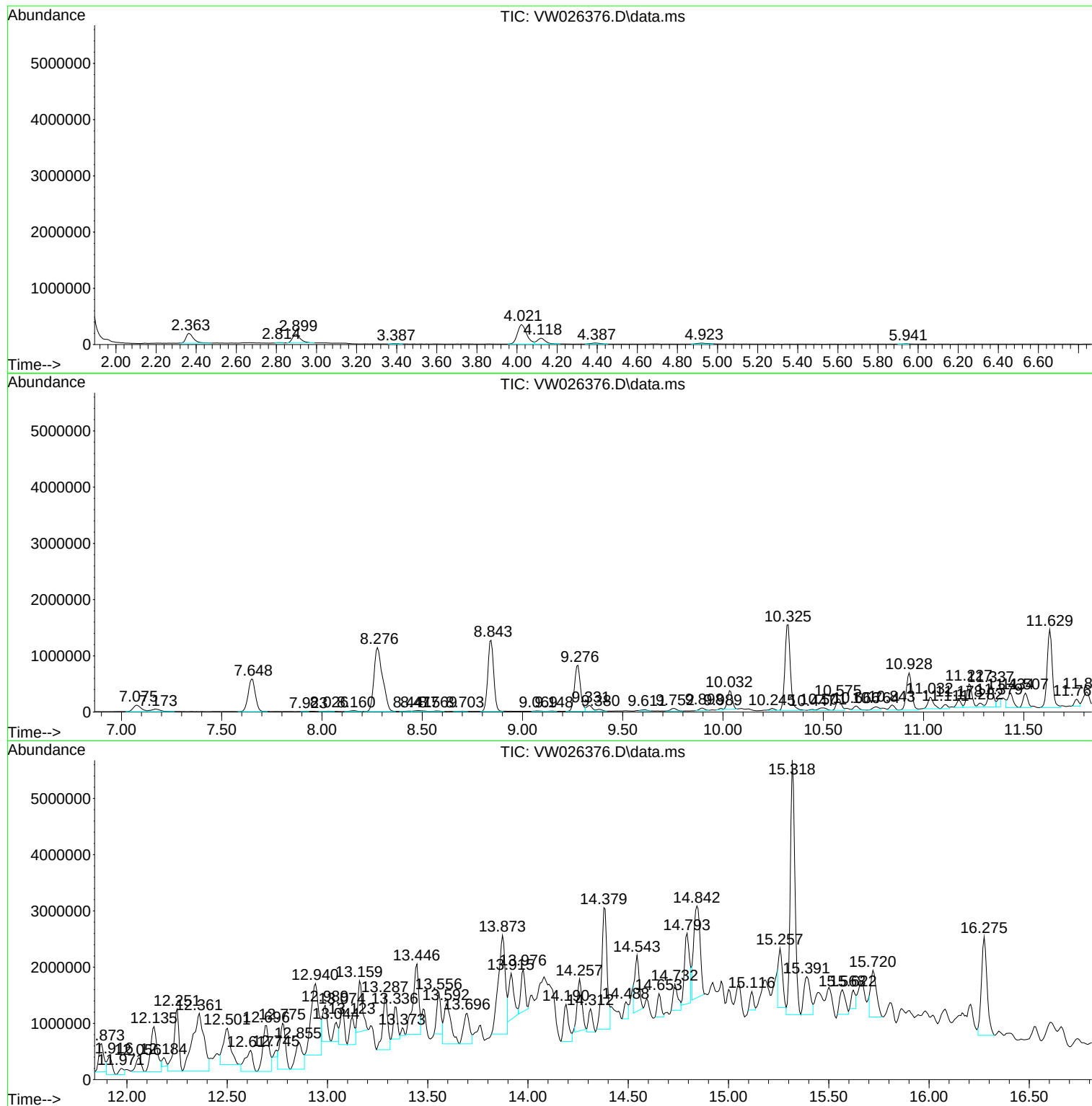
Sum of corrected areas: 100106859

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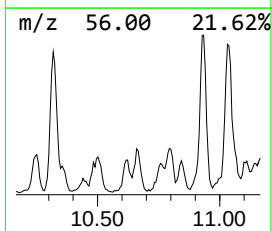
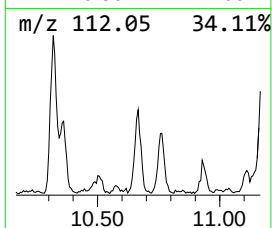
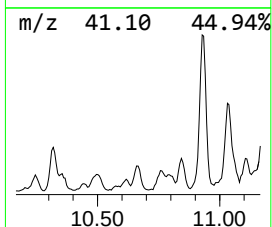
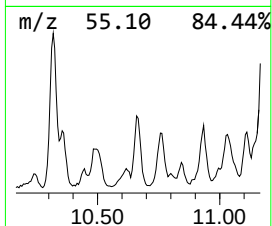
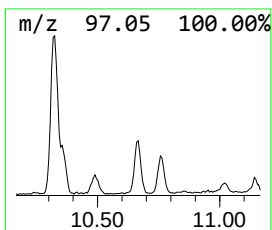
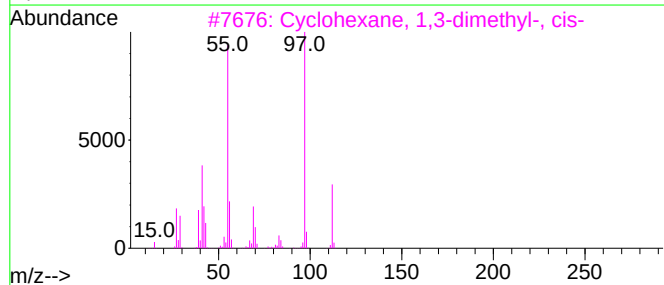
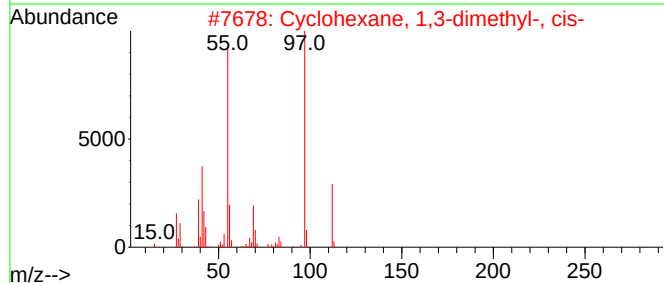
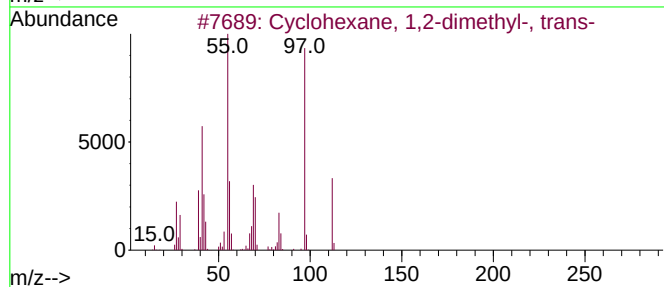
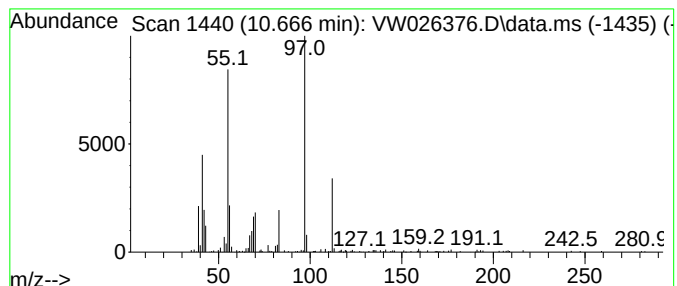
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic10.666 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	1.33 ug/L	131265	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
2			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	00638-04-0	87
3			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	00638-04-0	80
4			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	00624-29-3	80
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	00624-29-3	80



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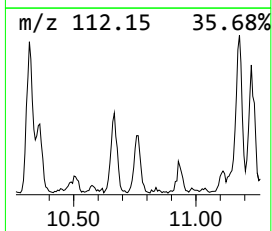
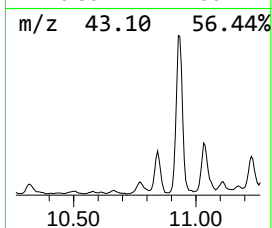
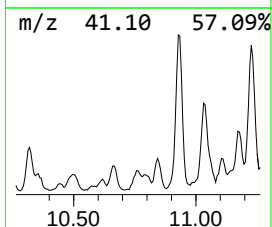
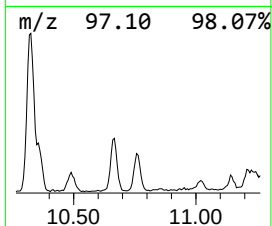
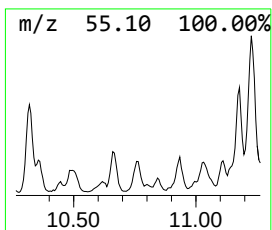
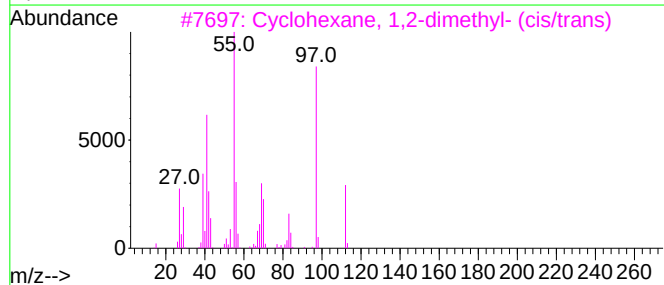
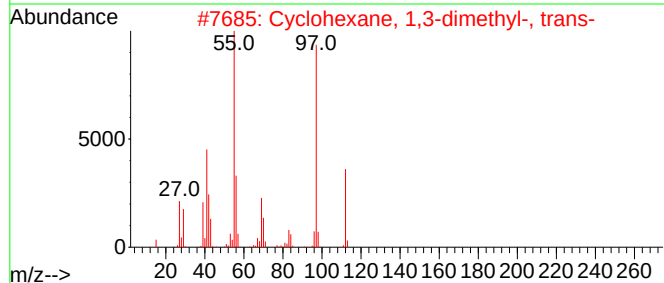
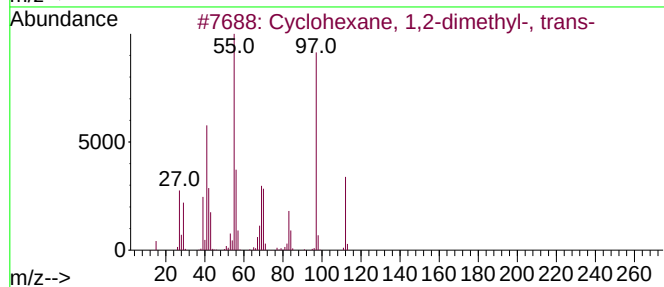
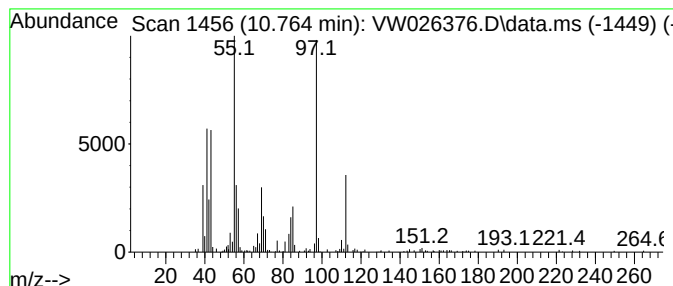
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic10.764 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.764	1.37 ug/L	135579	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	83
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
3			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	81
4			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81



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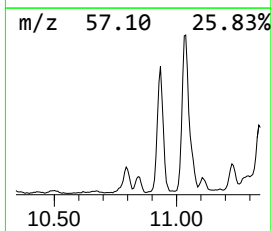
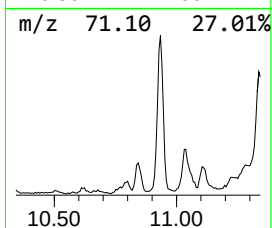
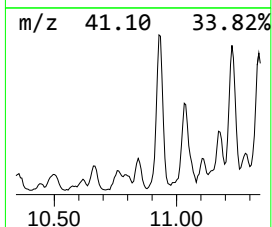
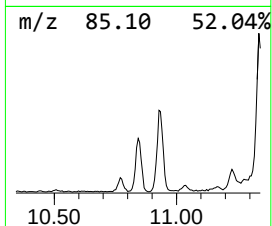
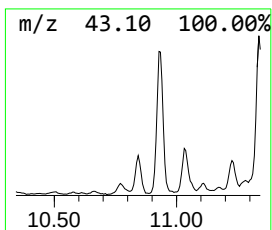
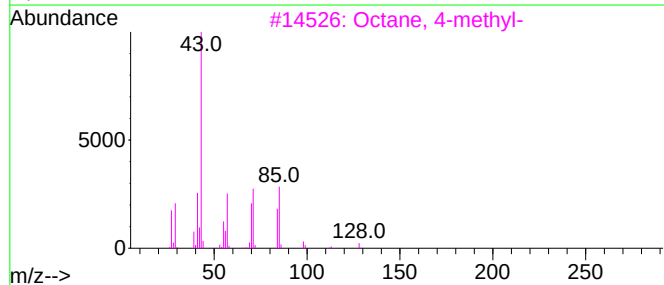
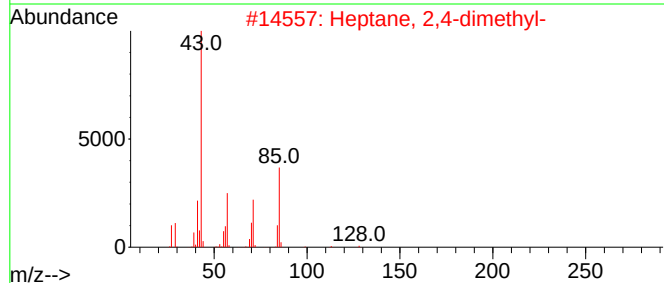
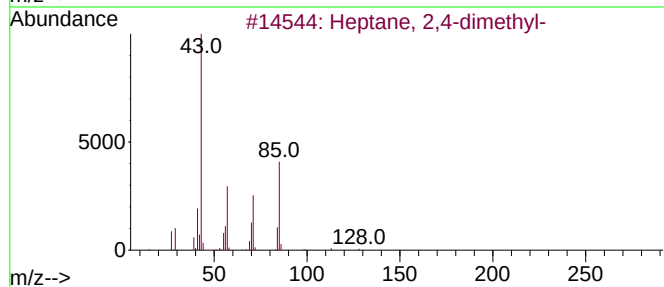
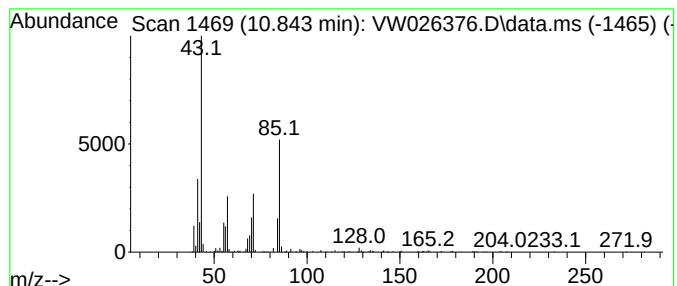
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.843	1.51 ug/L	149220	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	91
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	83
3			Octane, 4-methyl-	128	C9H20	002216-34-4	68
4			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
5			Octane	114	C8H18	000111-65-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

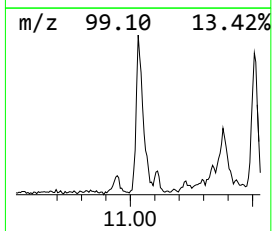
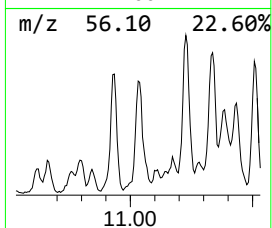
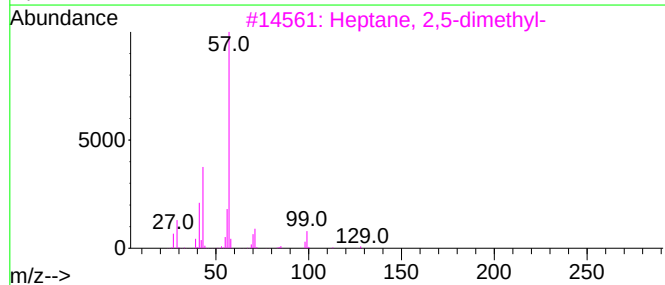
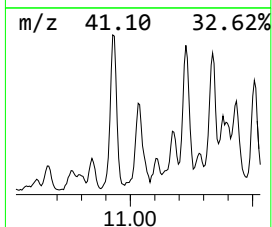
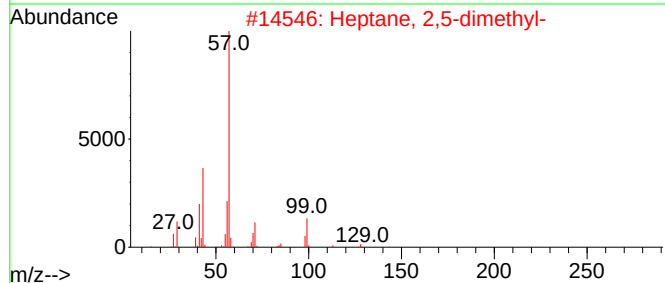
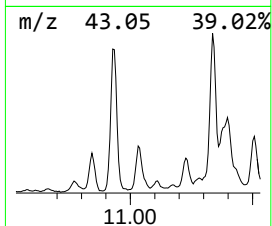
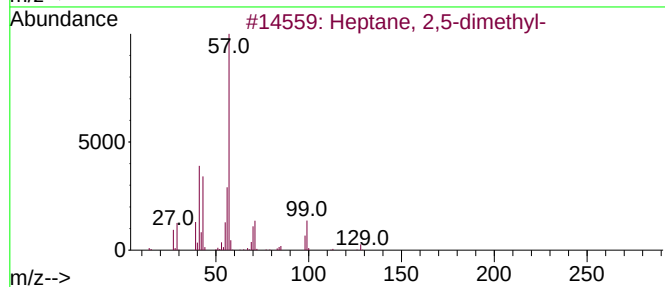
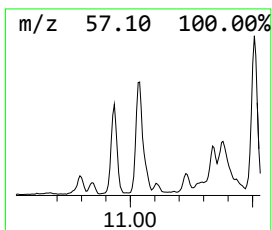
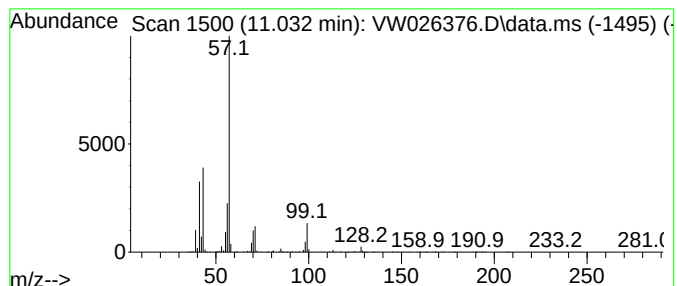
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.032	4.01 ug/L	396205	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	86
4	Octane, 3-methyl-	128	C9H20	002216-33-3	72
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

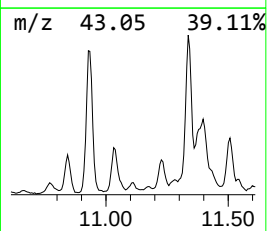
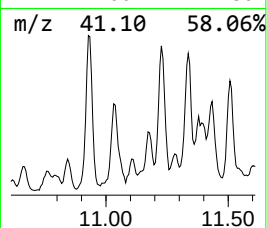
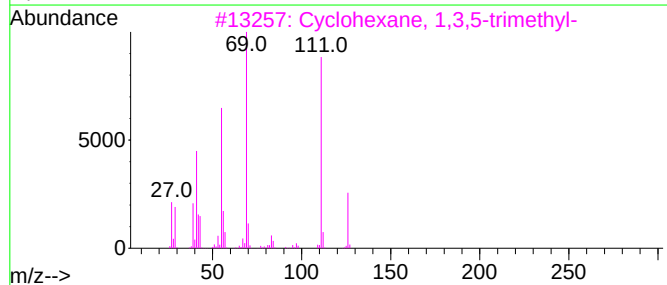
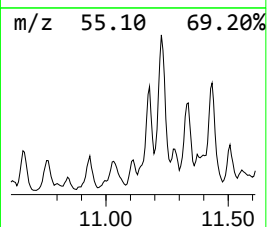
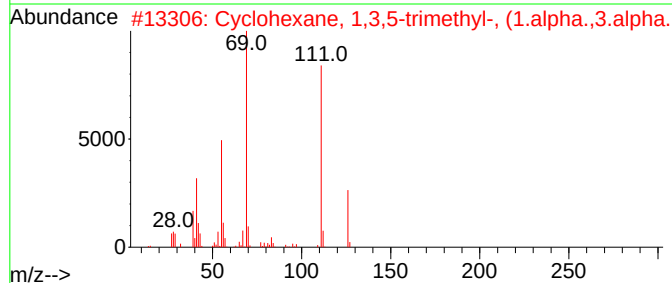
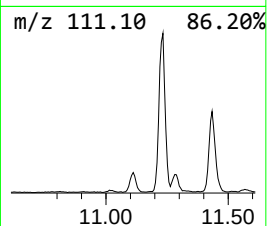
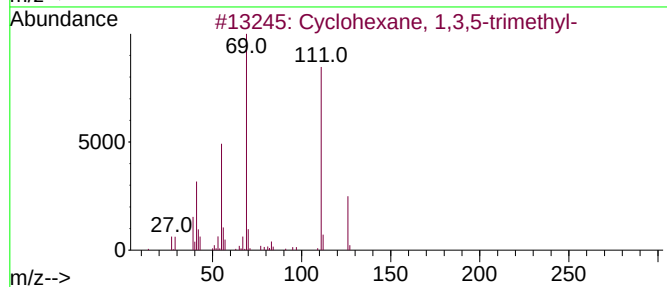
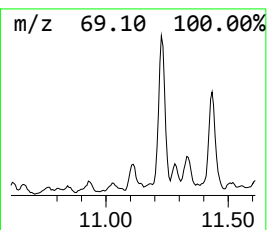
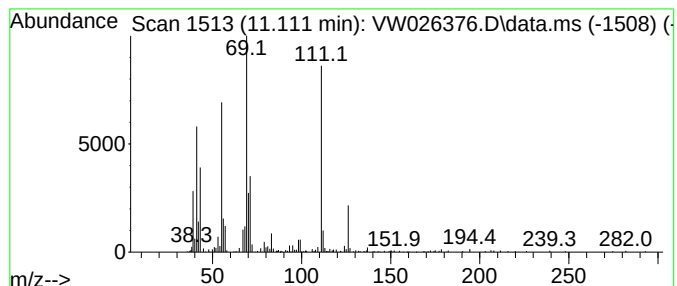
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic11.111 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.111	1.26 ug/L	124490	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	81
2		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	81
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	81
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
5		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

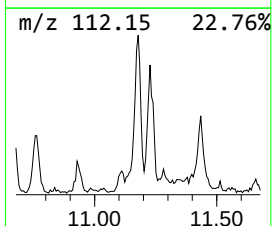
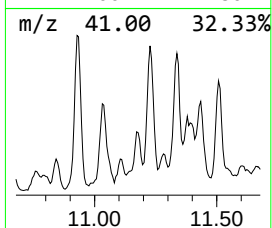
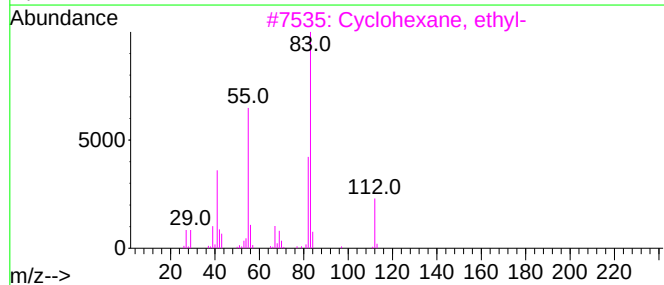
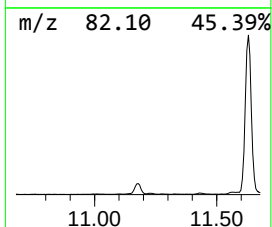
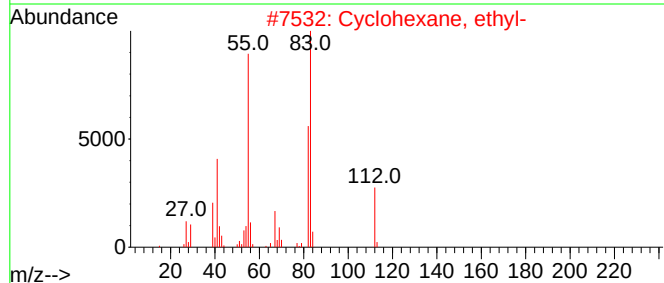
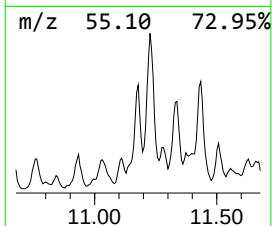
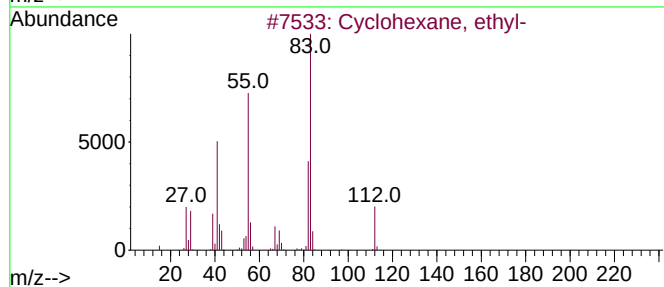
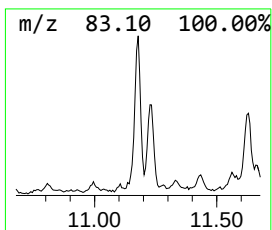
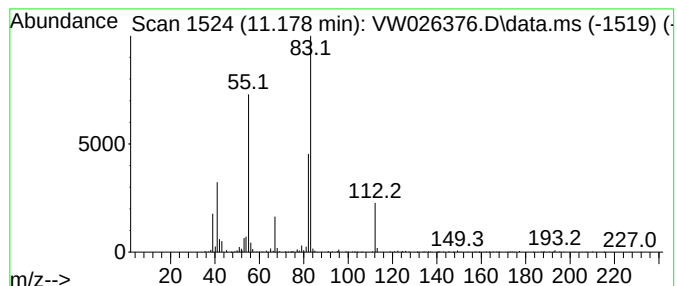
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic11.178 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	2.12 ug/L	209148	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

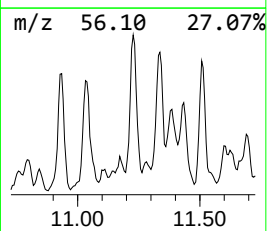
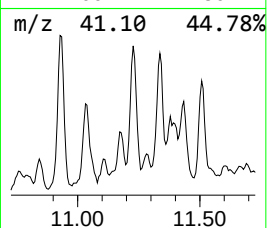
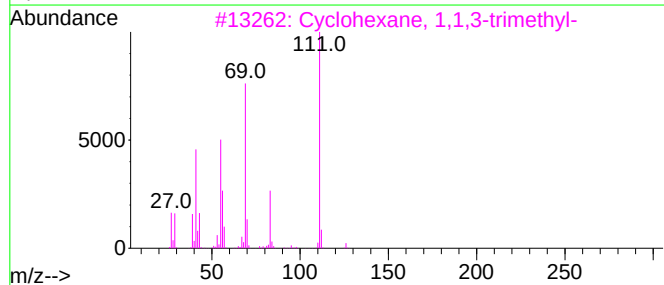
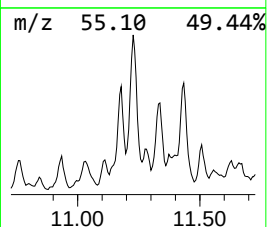
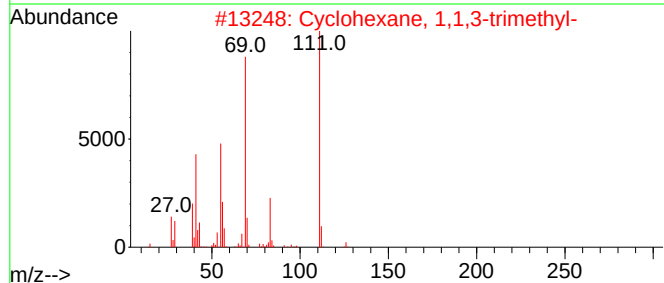
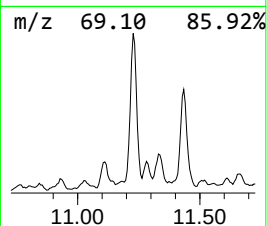
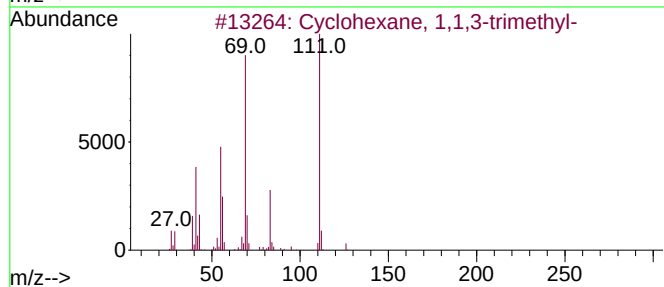
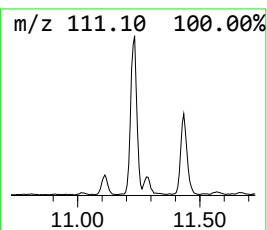
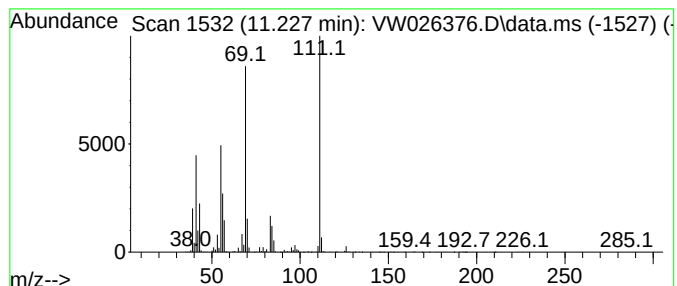
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic11.227 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	7.67 ug/L	756804	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
4		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
5		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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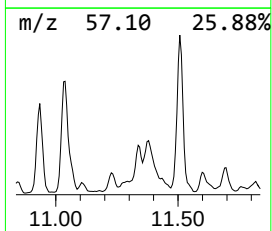
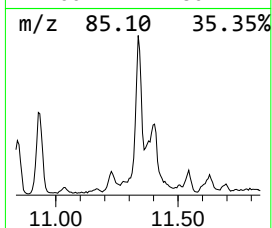
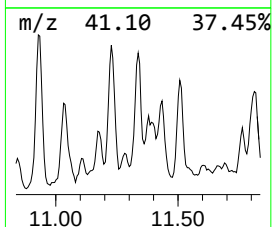
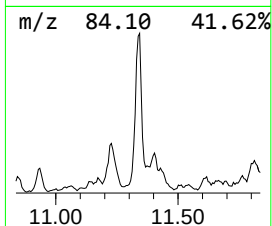
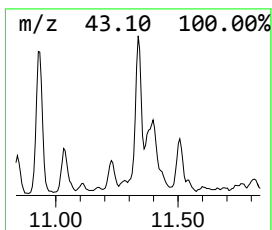
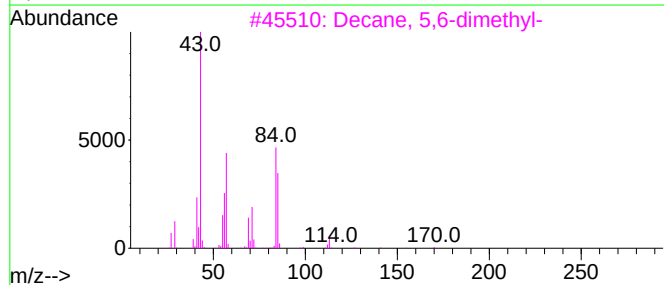
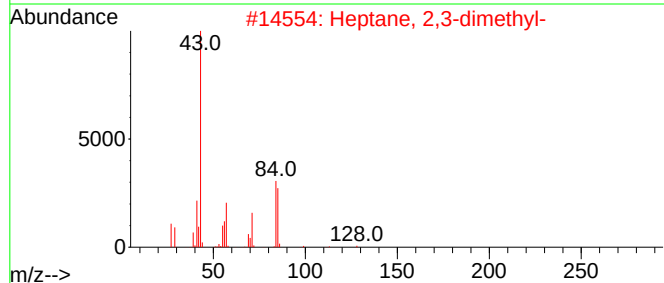
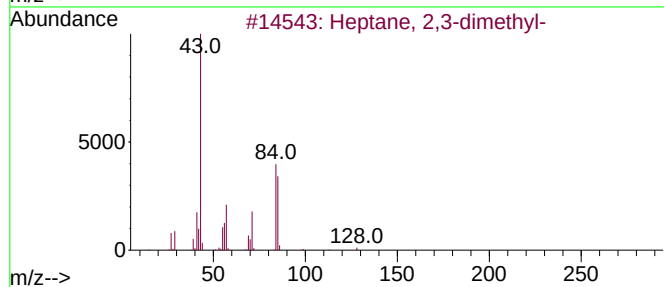
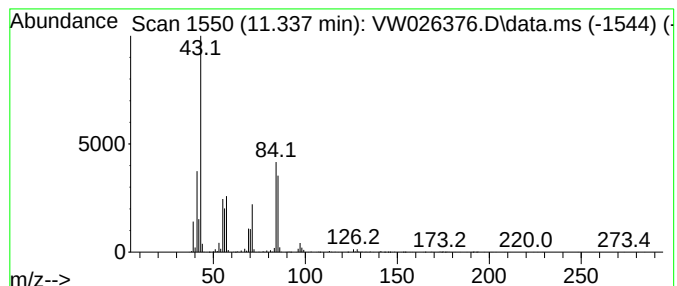
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.337	7.08 ug/L	698241	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		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	68
5		Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

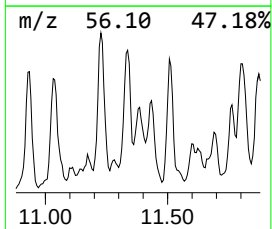
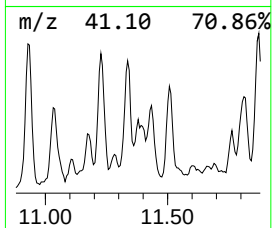
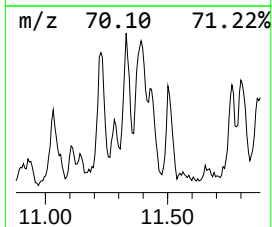
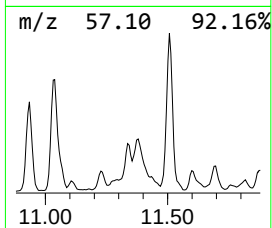
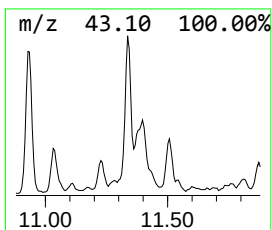
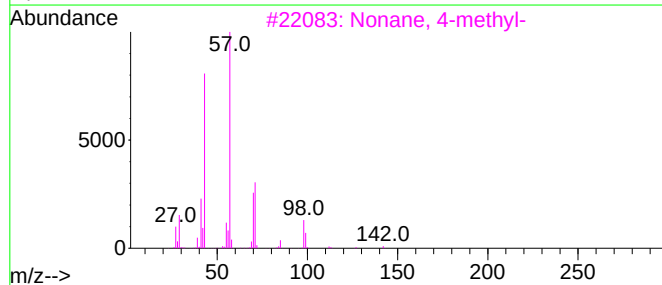
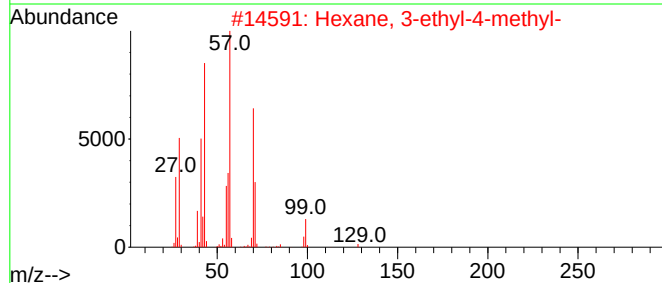
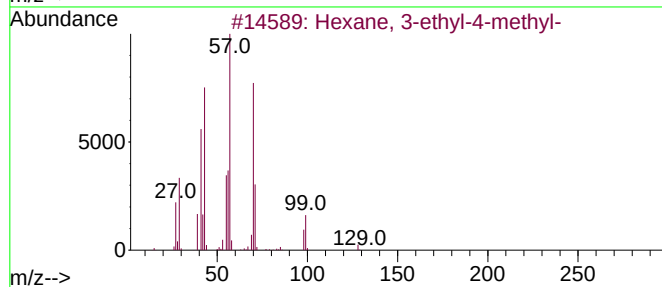
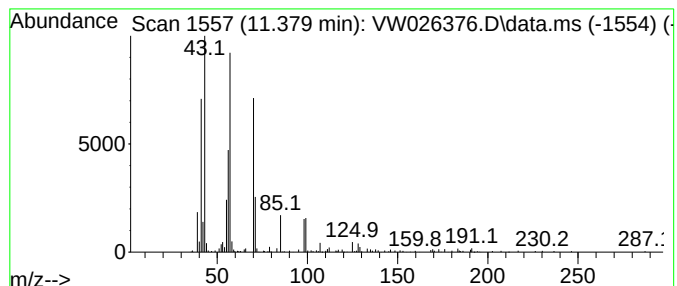
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.379	2.02 ug/L	199585	Chlorobenzene-d5			11.629
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-4-methyl-		128	C9H20	003074-77-9	64
2	Hexane, 3-ethyl-4-methyl-		128	C9H20	003074-77-9	53
3	Nonane, 4-methyl-		142	C10H22	017301-94-9	43
4	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	43
5	Decane, 2,5,6-trimethyl-		184	C13H28	062108-23-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

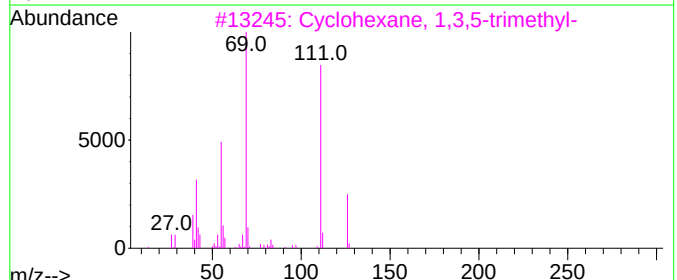
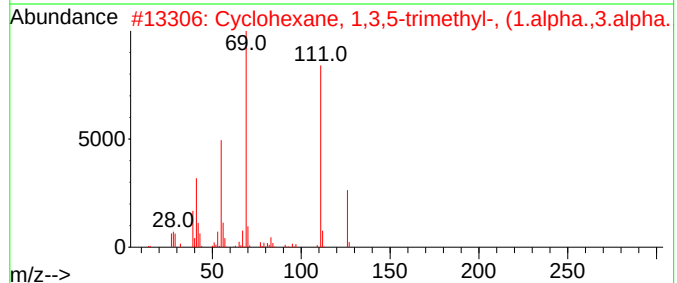
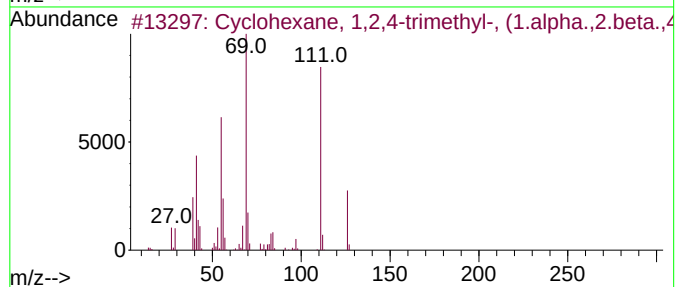
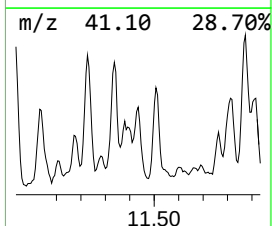
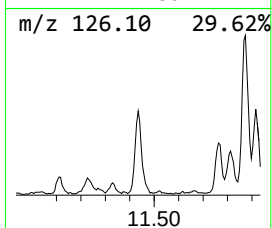
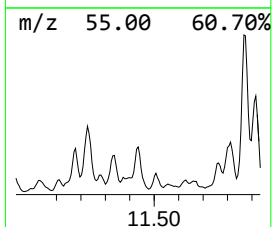
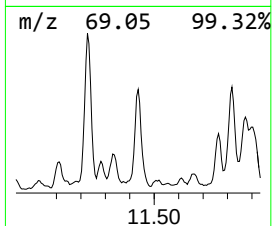
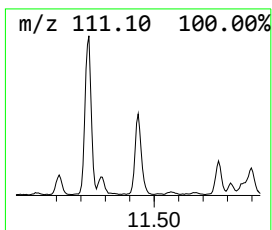
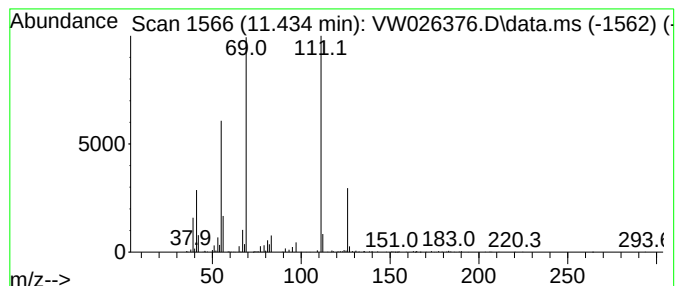
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic11.434 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.434	4.85 ug/L	479105	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	91
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

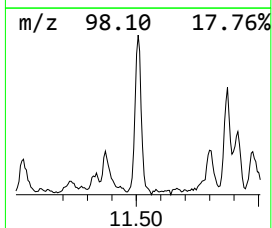
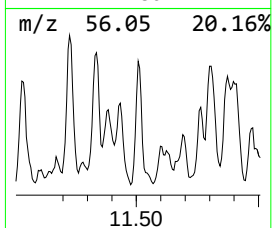
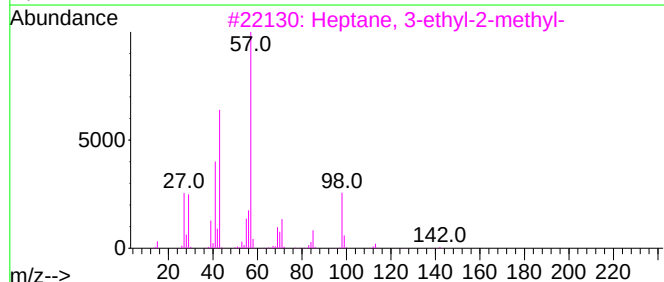
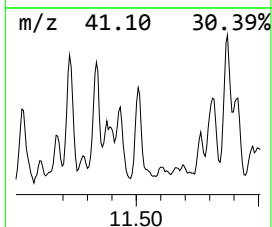
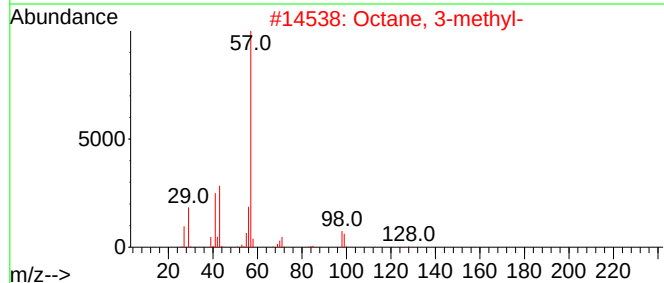
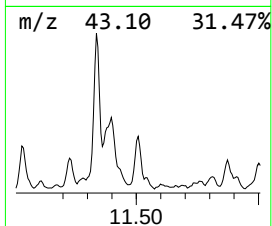
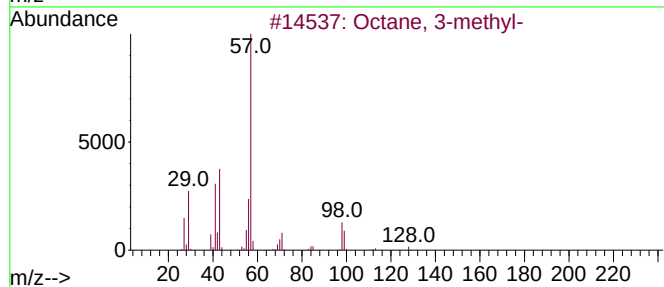
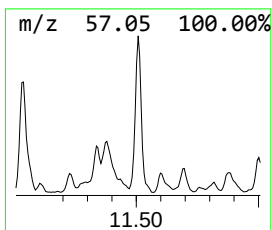
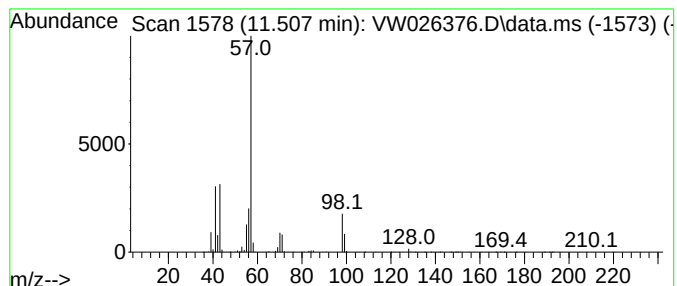
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.507	4.28 ug/L	421955	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	80
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
4			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
5			Undecane, 6-methyl-	170	C12H26	017302-33-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

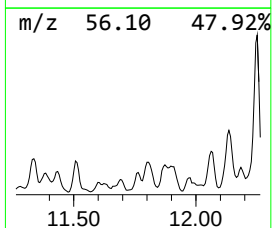
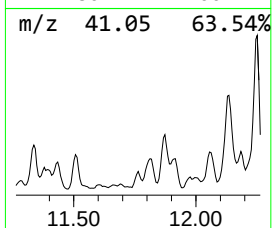
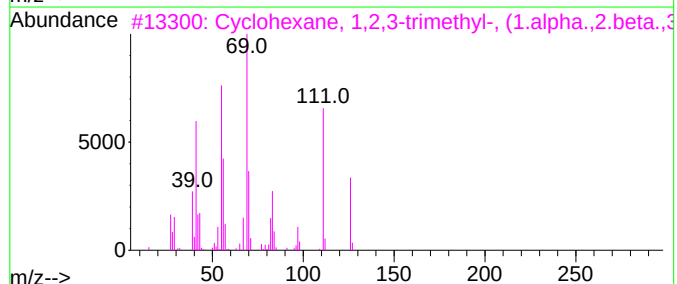
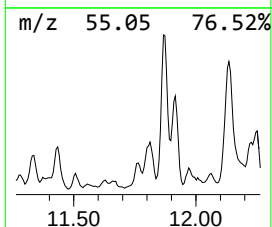
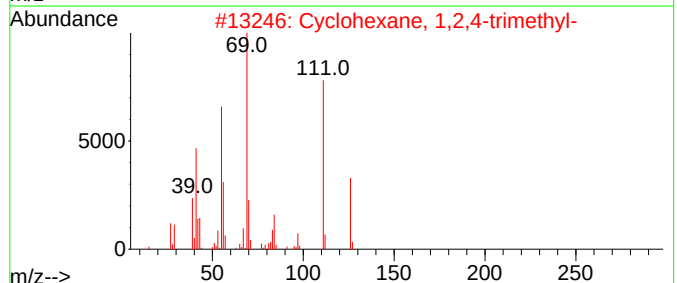
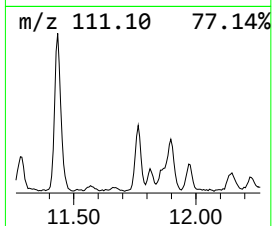
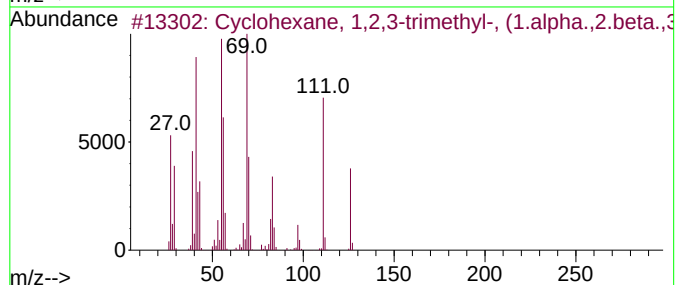
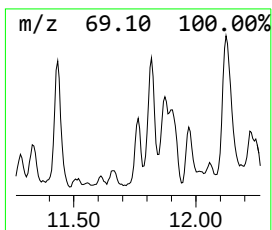
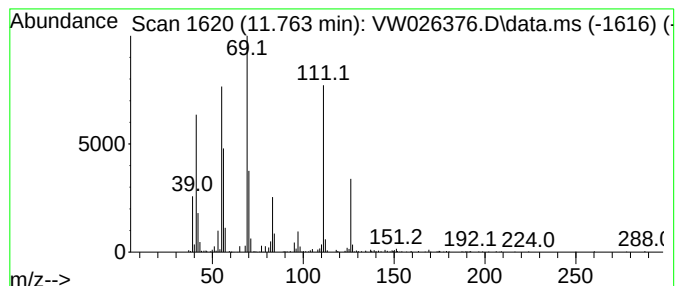
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Cyclic11.763 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	1.94 ug/L	191792	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	87
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
3			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	86
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	86
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

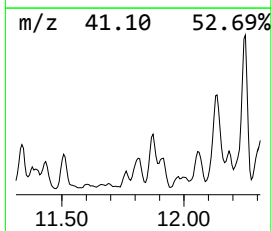
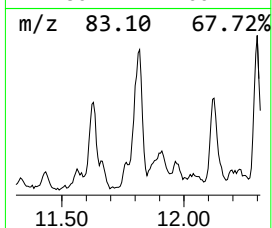
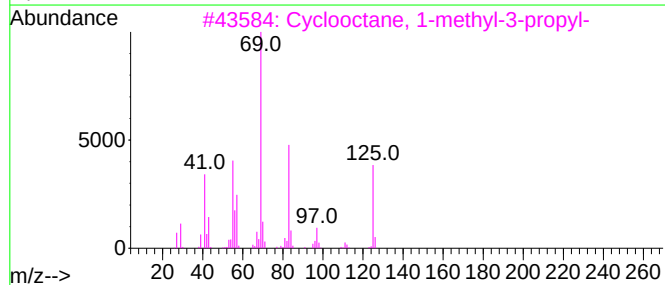
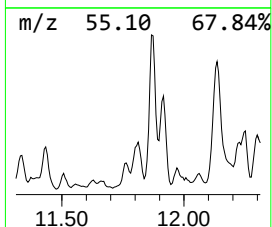
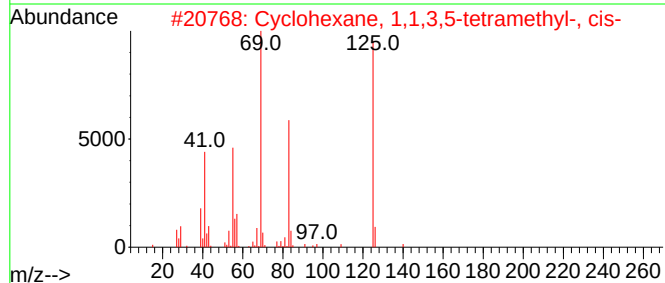
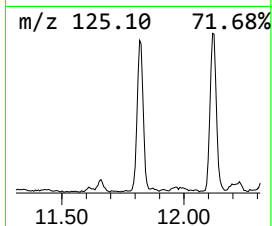
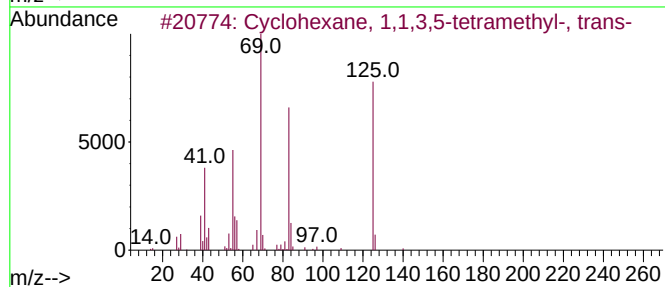
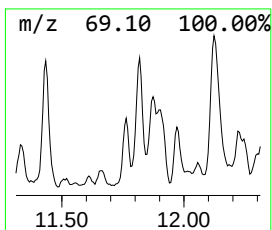
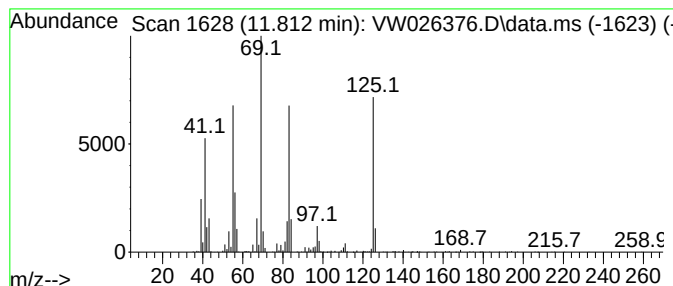
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic11.812 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.812	4.72 ug/L	465512	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	81
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	72
3		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	64
4		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	58
5		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

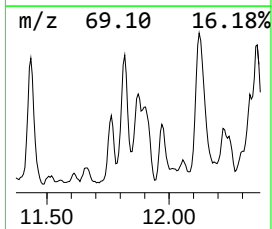
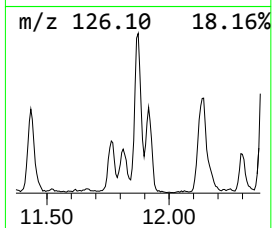
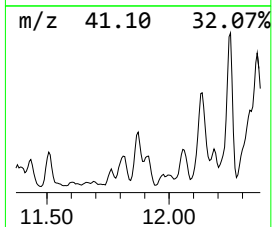
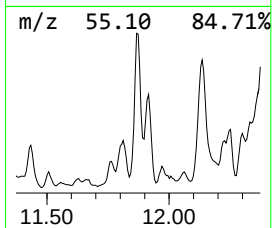
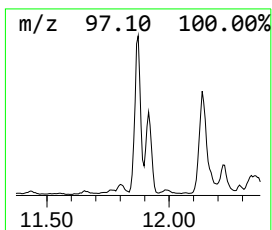
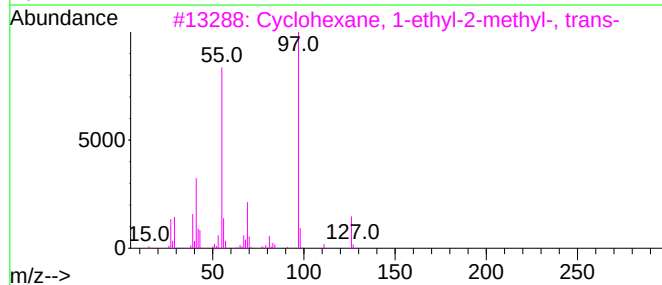
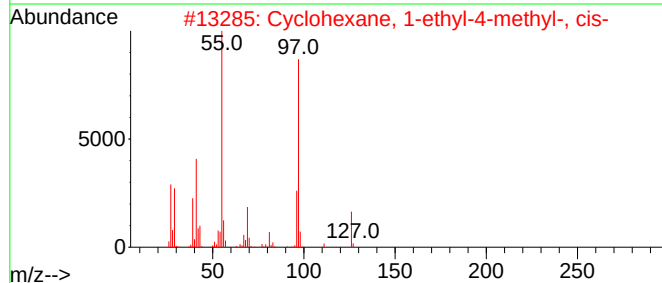
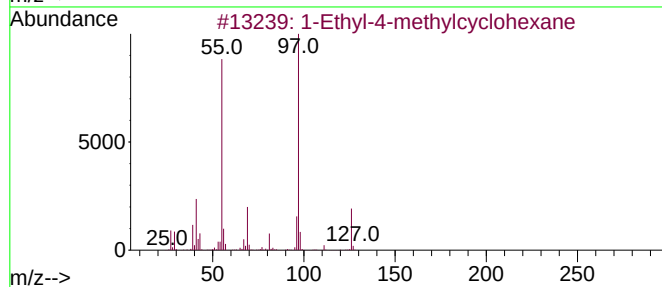
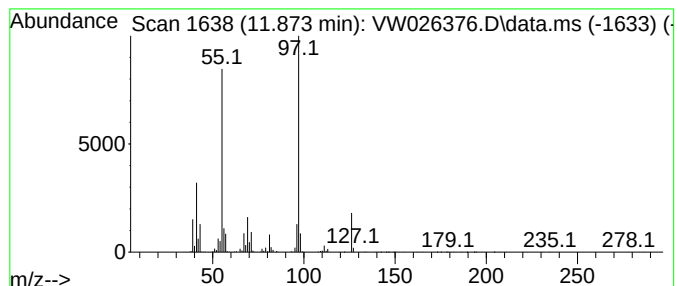
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Cyclic11.873 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.873	9.34 ug/L	921504	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	94
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
3			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	87
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

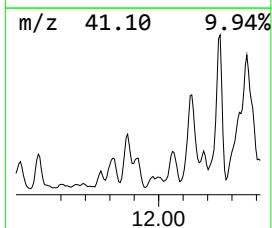
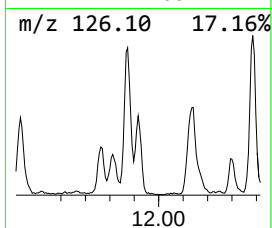
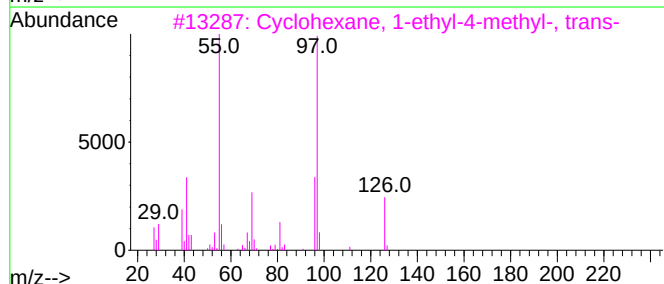
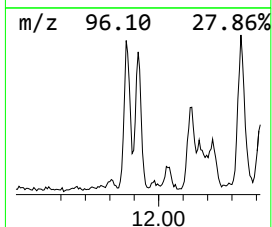
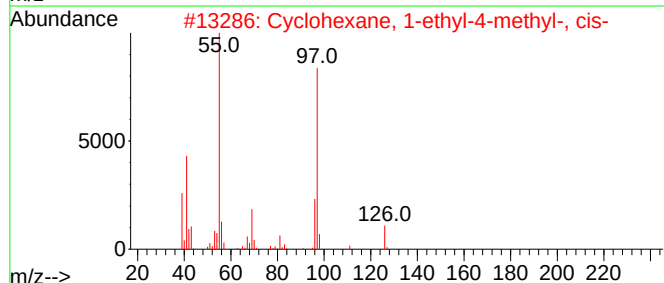
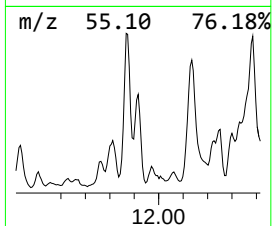
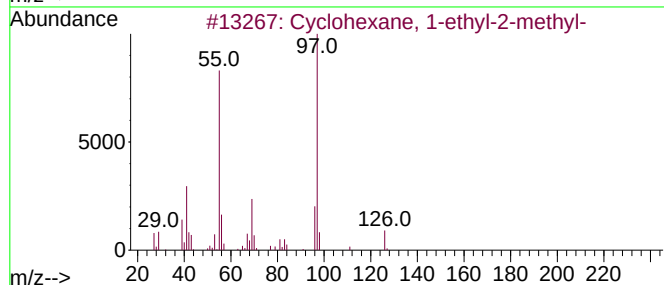
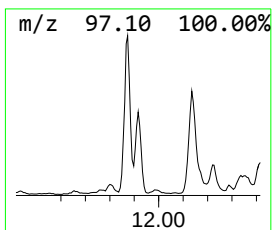
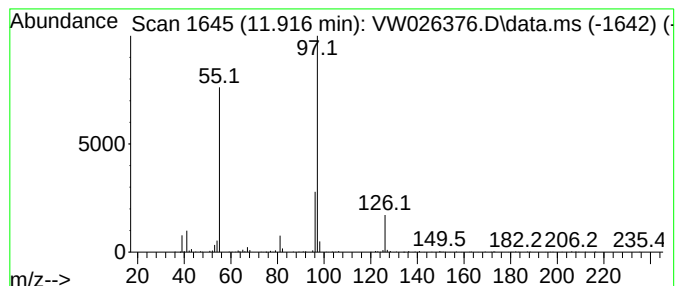
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Cyclic11.916 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	4.96 ug/L	489382	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	78
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50
4			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	45
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

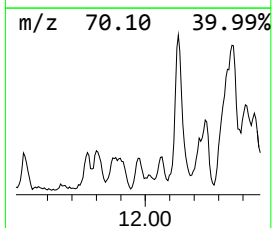
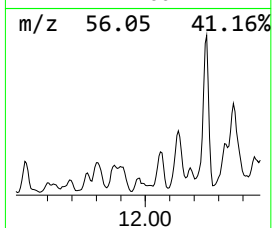
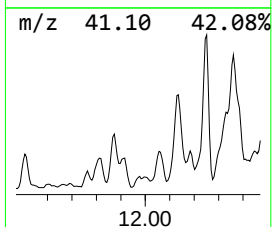
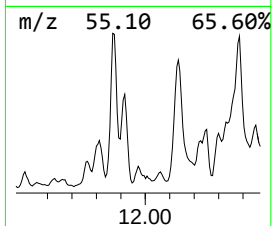
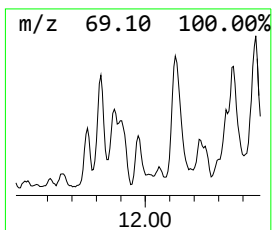
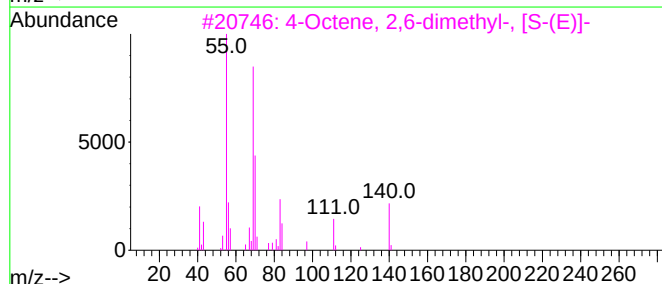
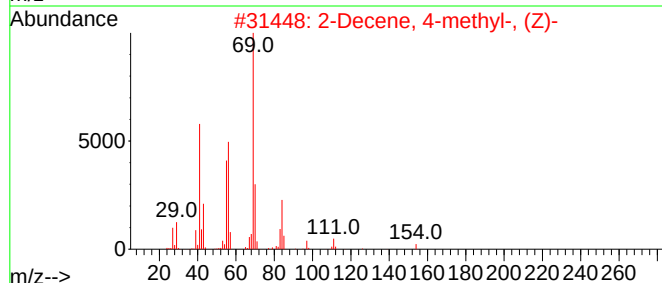
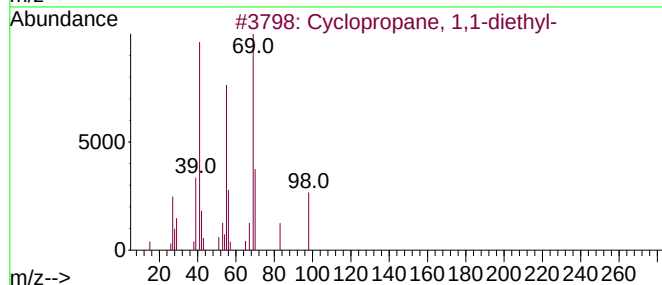
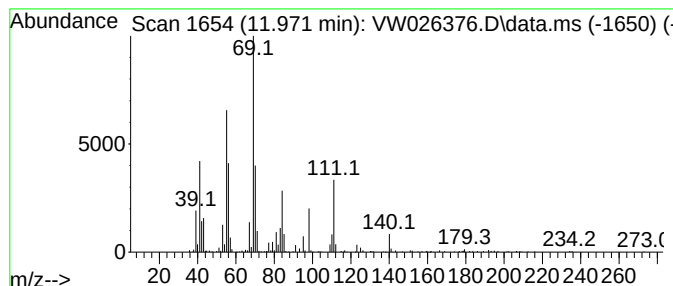
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic11.971 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.971	1.99 ug/L	196596	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	58
2			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	53
3			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	52
4			(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	49
5			3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

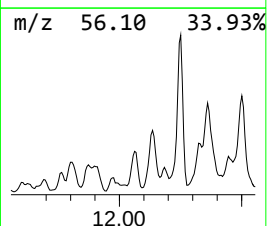
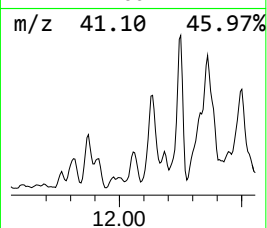
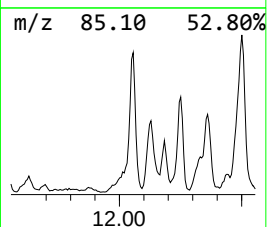
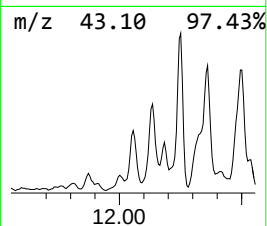
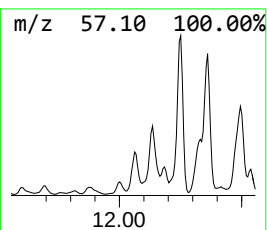
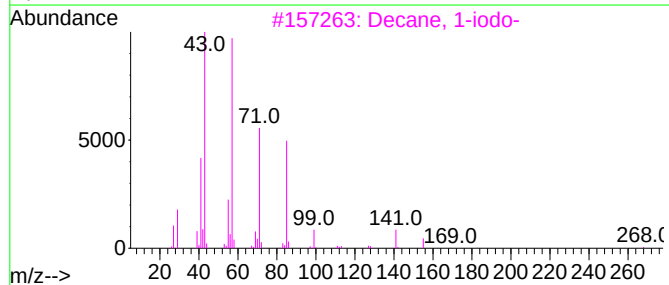
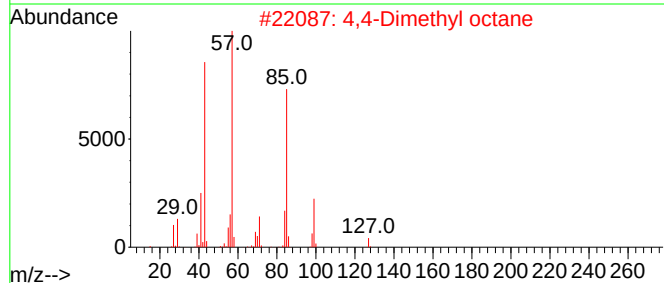
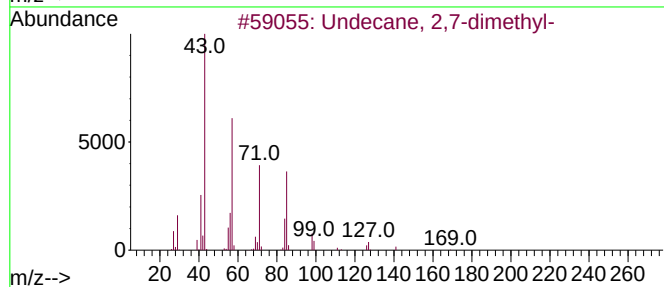
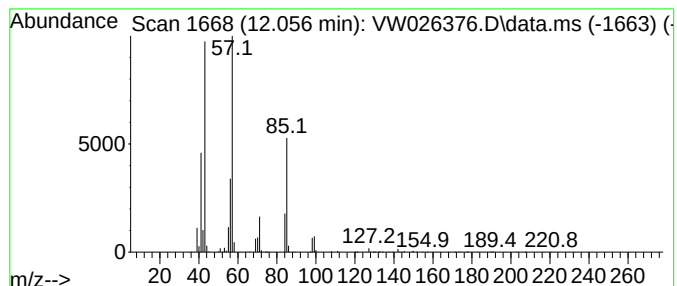
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.056	4.59 ug/L	452686	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	72
2		4,4-Dimethyl octane	142	C10H22	015869-95-1	59
3		Decane, 1-iodo-	268	C10H21I	002050-77-3	53
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
5		Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

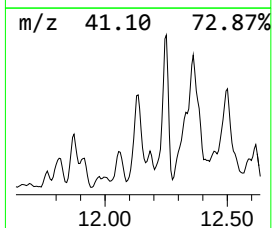
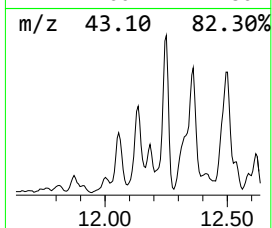
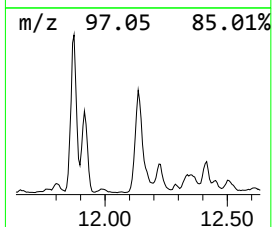
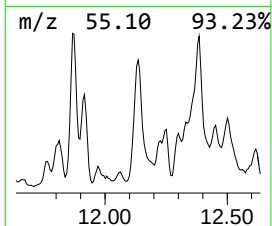
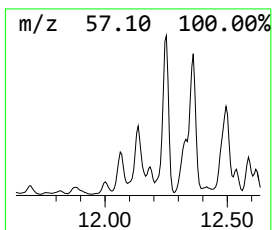
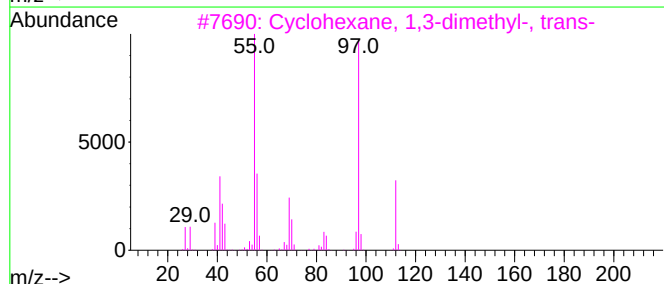
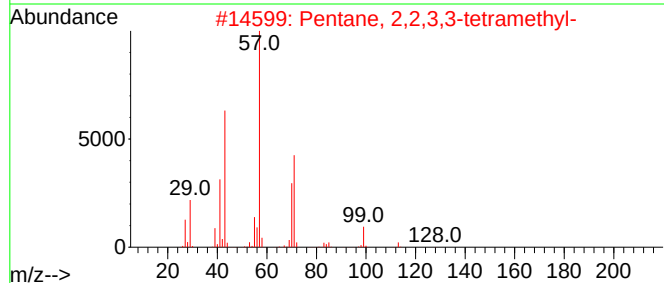
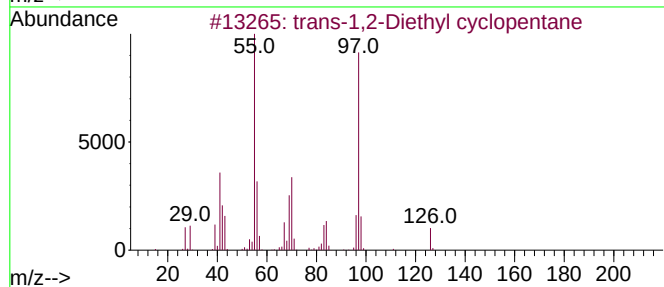
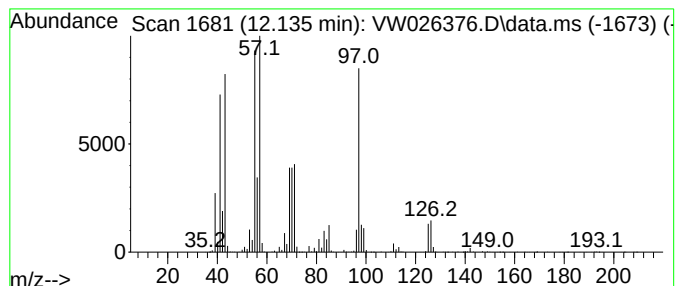
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Cyclic12.135 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.135	18.70 ug/L	1845630	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	46
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	35
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	35
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	35
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

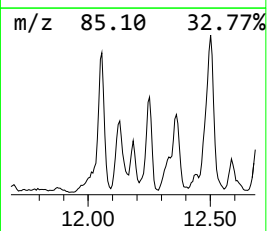
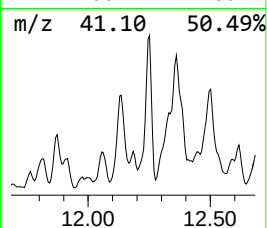
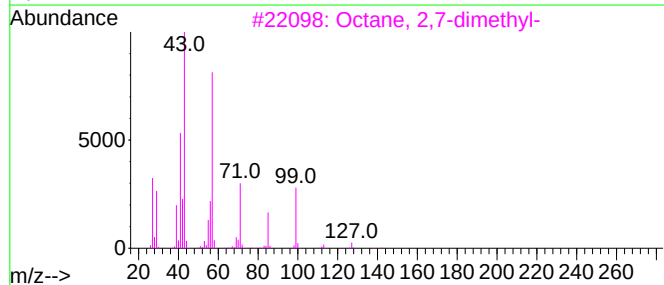
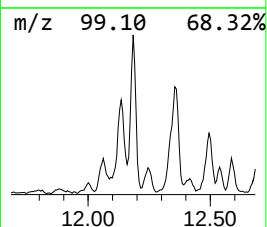
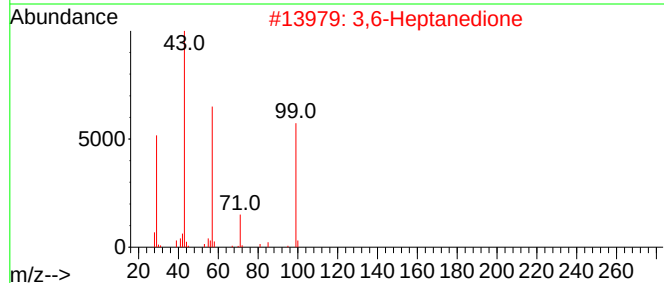
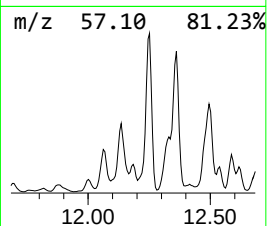
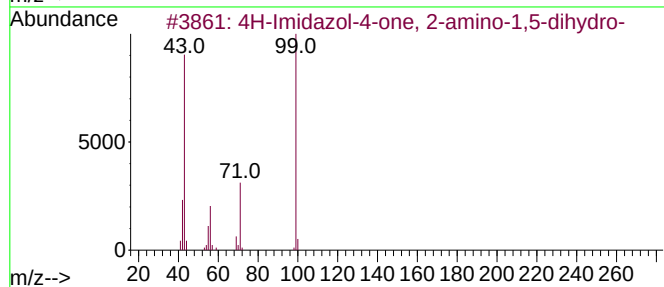
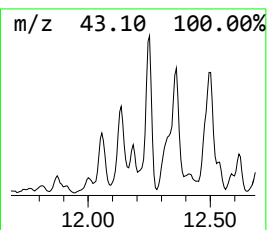
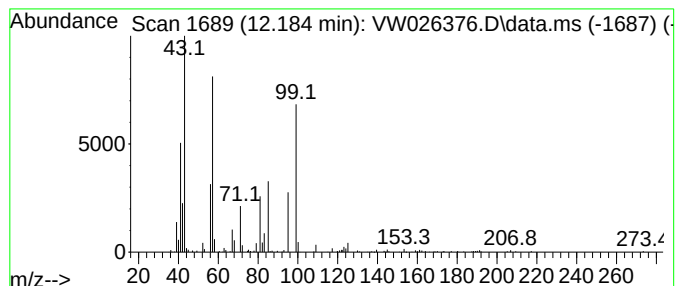
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Quant Title : SFAM01.0

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

Peak Number 20 unknown-01 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.184	1.89 ug/L	186979	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	43
2			3,6-Heptanedione	128	C7H12O2	001703-51-1	43
3			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	42
4			2(3H)-Furanone, dihydro-4,4-dime...	114	C6H10O2	013861-97-7	40
5			Benzo[1,2,5]thiadiazole, 4-bromo...	376	C11H13BrN4O2S2	1000296-37-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

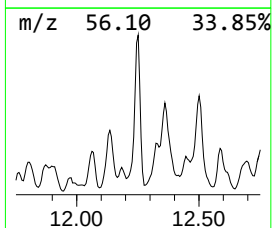
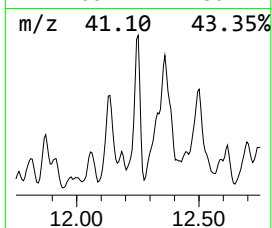
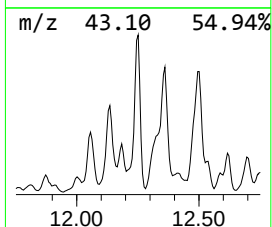
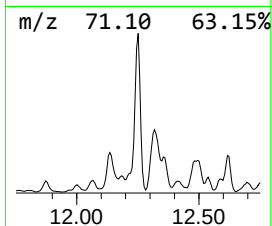
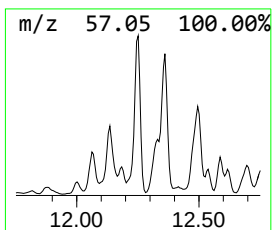
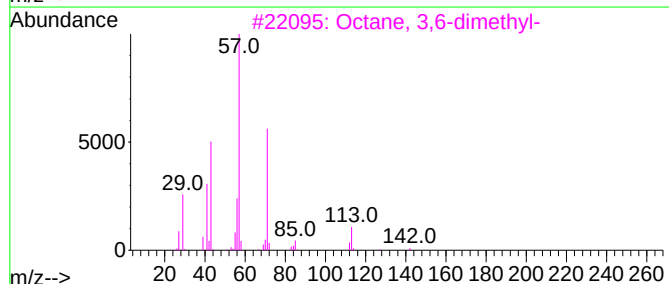
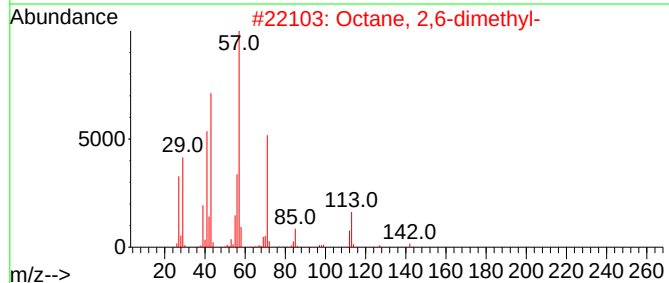
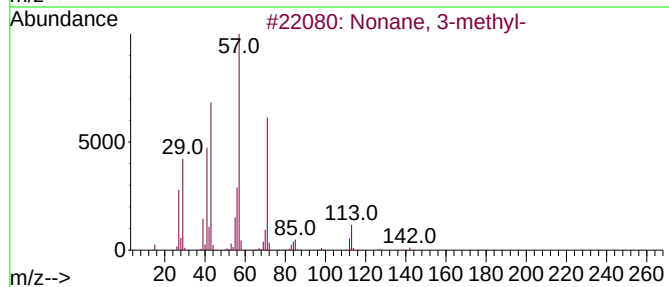
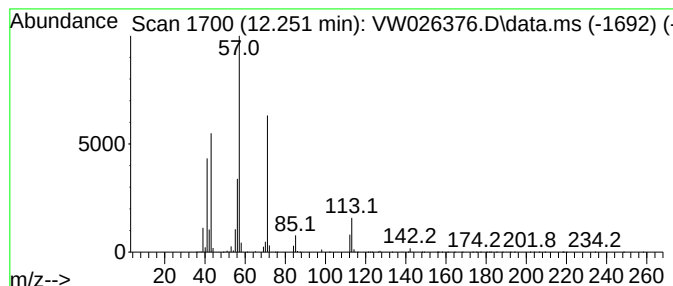
Instrument :
MSVOA_W
ClientSampleId :
A46F0

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.251	20.05 ug/L	1978160	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-		142	C10H22	005911-04-6	91
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	90
3	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	87
4	Nonane, 3-methyl-		142	C10H22	005911-04-6	86
5	Nonane, 3-methyl-		142	C10H22	005911-04-6	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

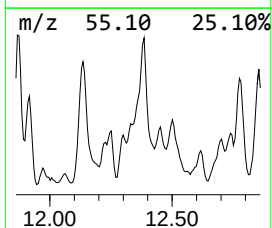
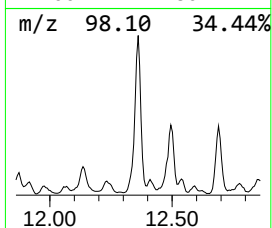
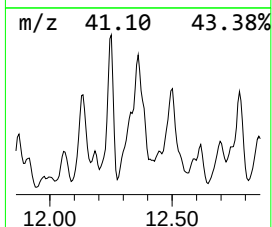
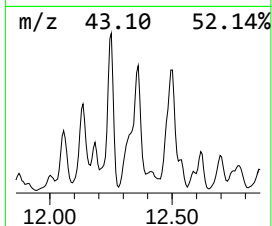
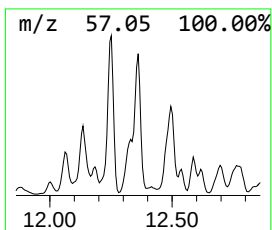
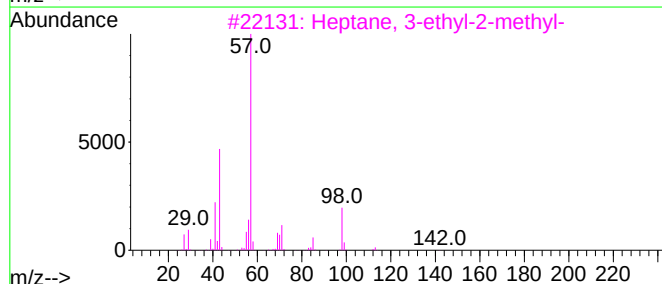
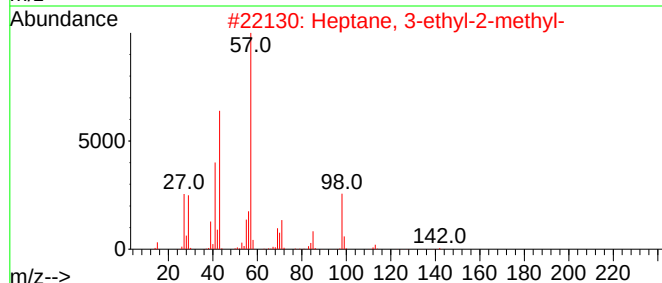
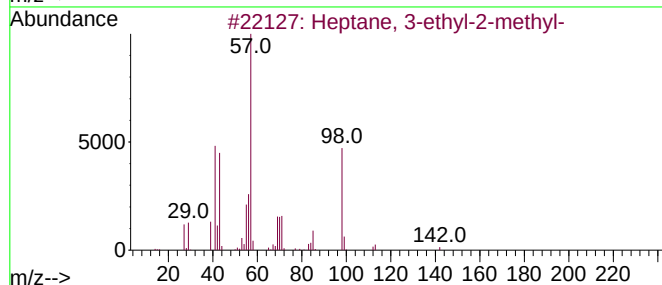
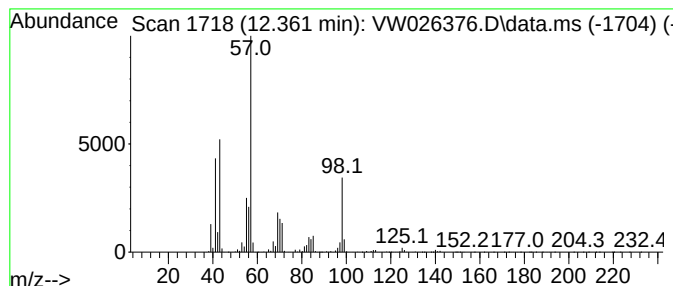
Instrument :
MSVOA_W
ClientSampleId :
A46F0

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: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.361	42.04 ug/L	4149190	Chlorobenzene-d5			11.629
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	90
2	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	87
3	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	72
4	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	64
5	Heptane, 2,3,6-trimethyl-		142	C10H22	004032-93-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

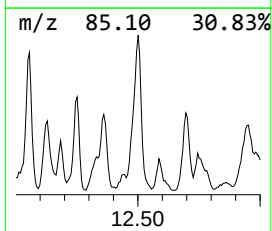
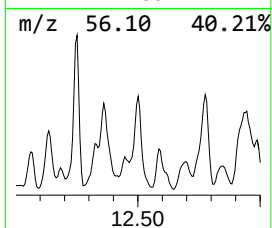
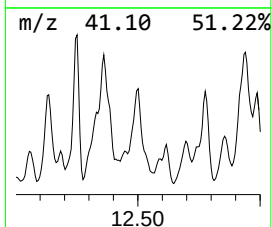
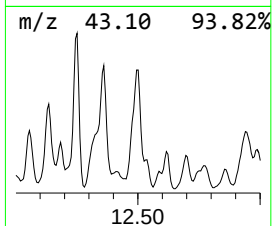
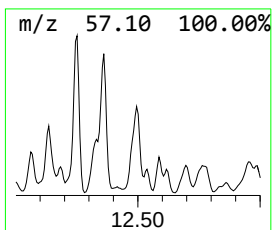
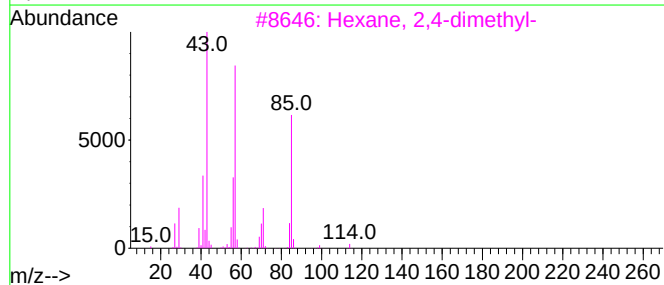
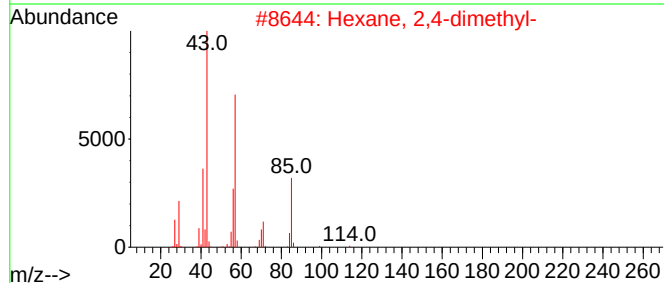
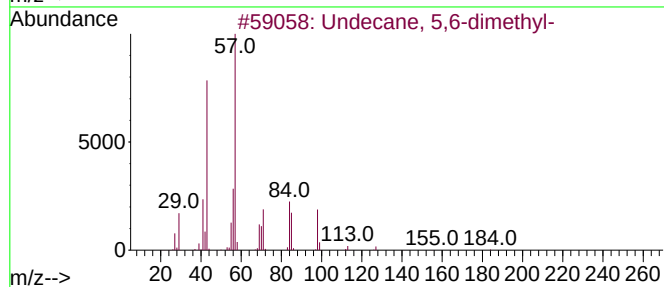
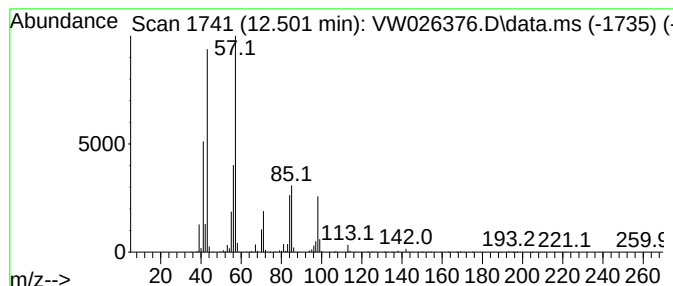
Instrument :
MSVOA_W
ClientSampleId :
A46F0

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 31

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.501	16.62 ug/L	1640490	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-		184	C13H28	017615-91-7	78
2	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	58
3	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	58
4	Hexane, 1-(hexyloxy)-5-methyl-		200	C13H28O	074421-19-5	53
5	Heptane, 4-ethyl-		128	C9H20	002216-32-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

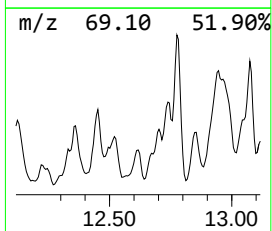
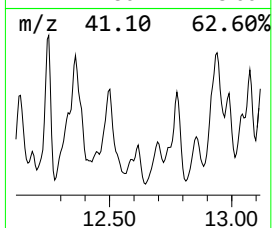
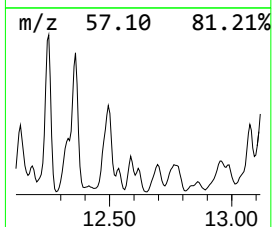
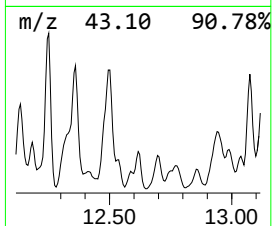
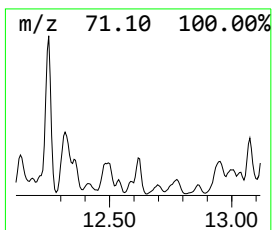
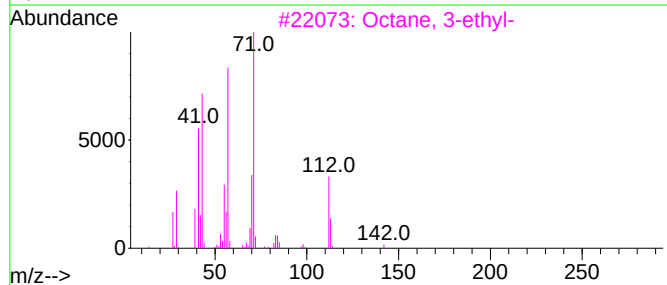
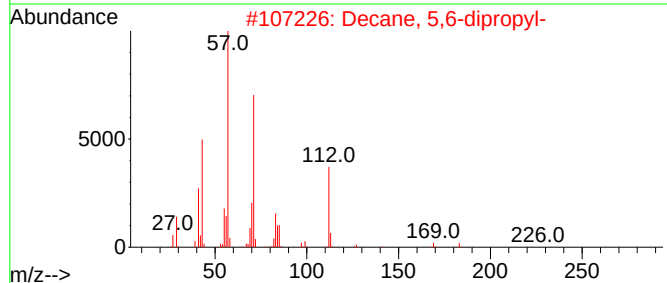
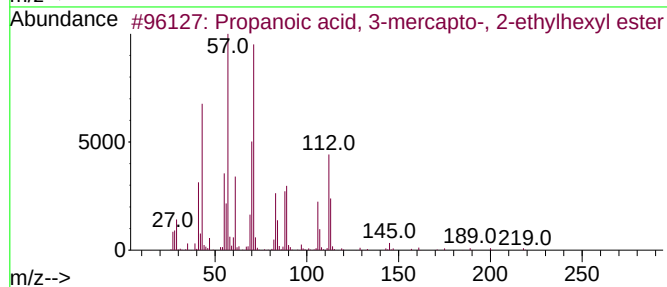
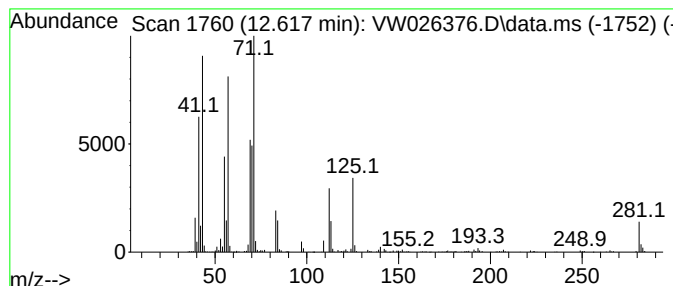
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Quant Title : SFAM01.0

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

Peak Number 24 Propanoic acid, 3-mercpto-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.617	22.64 ug/L	964132	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 3-mercpto-, 2-e...	218	C11H22O2S	050448-95-8	64
2			Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	59
3			Octane, 3-ethyl-	142	C10H22	005881-17-4	58
4			4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-28-3	53
5			Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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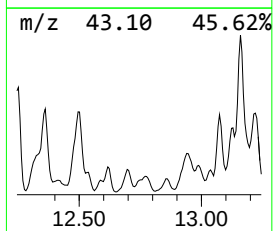
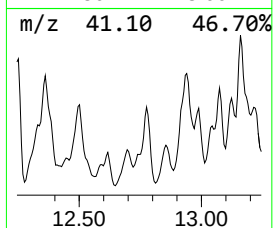
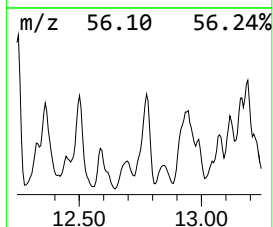
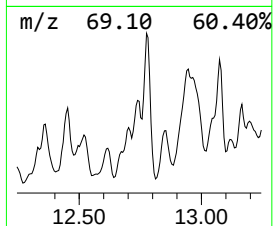
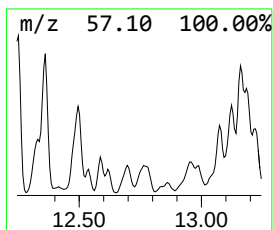
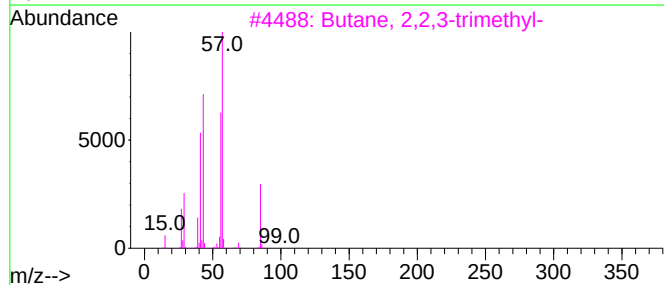
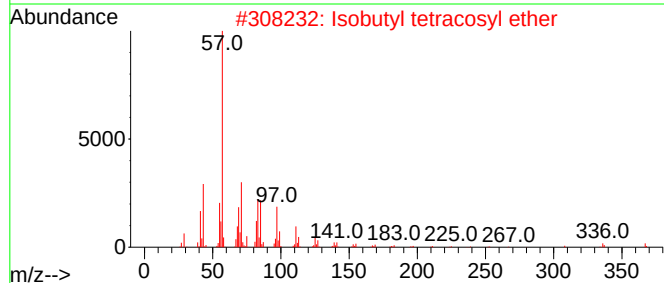
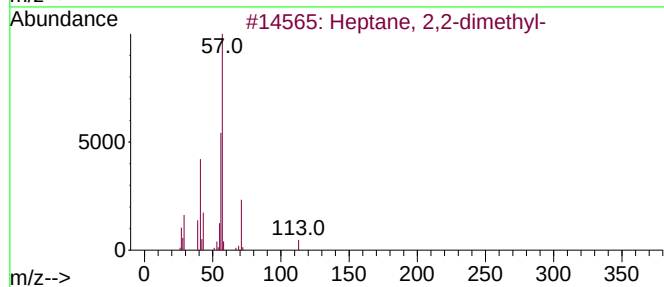
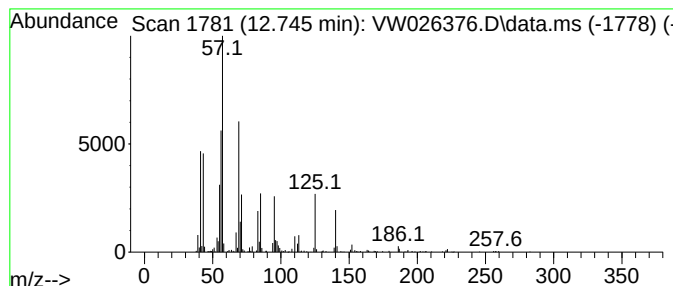
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.745	3.27 ug/L	139083	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	35
2		Isobutyl tetracosyl ether	410	C28H58O	1000406-33-2	35
3		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	27
4		Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	27
5		Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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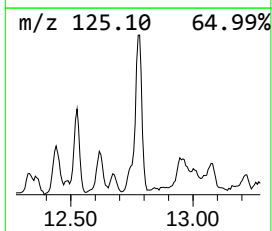
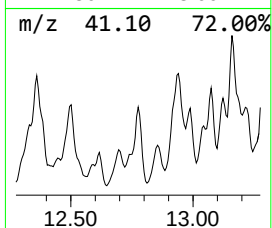
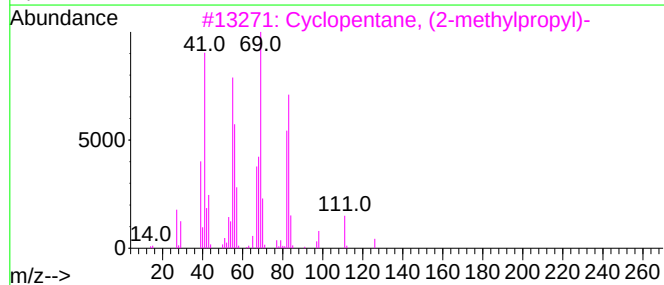
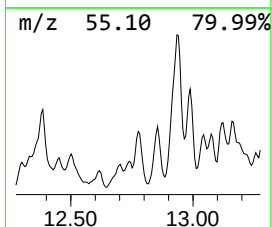
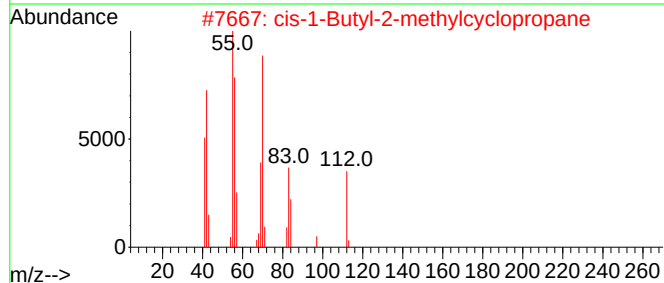
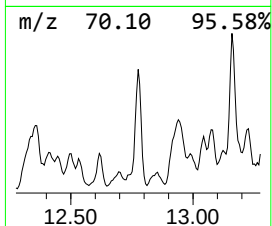
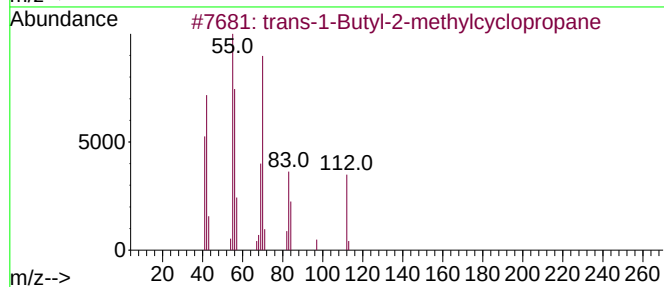
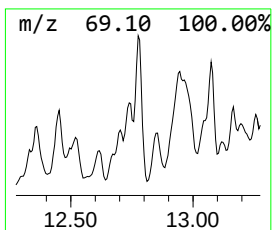
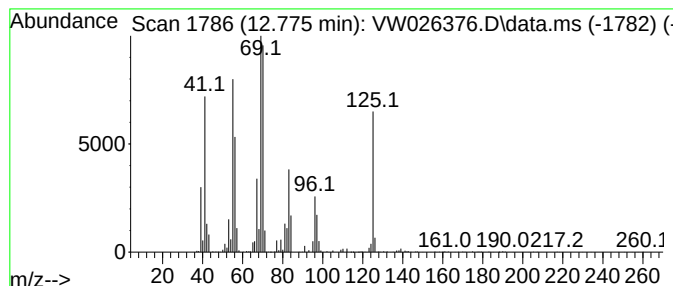
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Cyclic12.775 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	36.56 ug/L	1557090	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46
2			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	45
3			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	43
4			Ketone, vinyl-pyrrolidiny-	125	C7H11NO	042104-70-1	38
5			Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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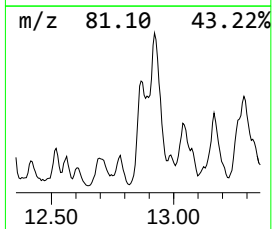
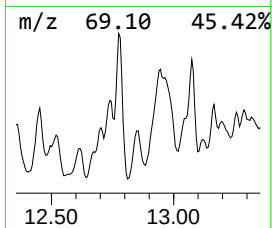
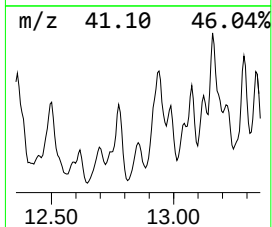
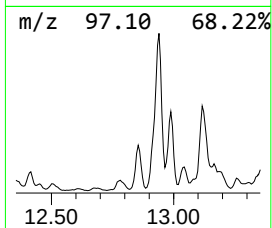
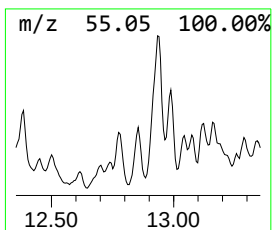
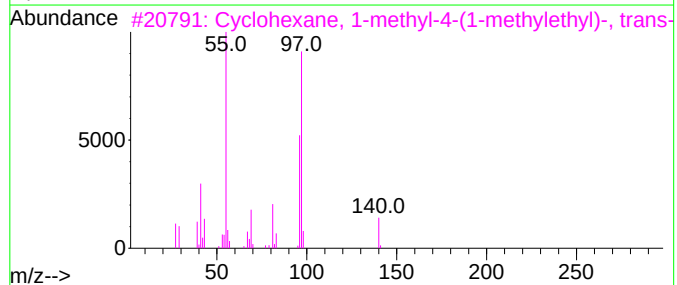
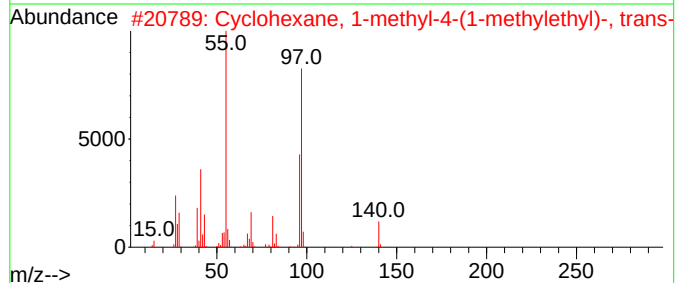
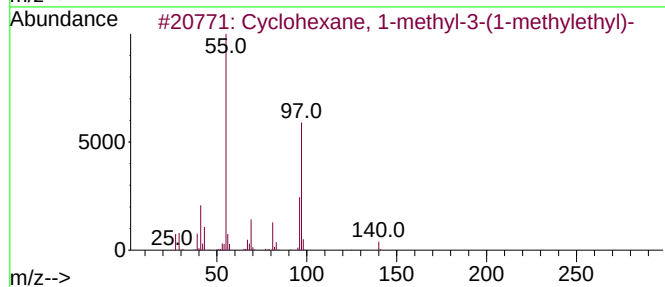
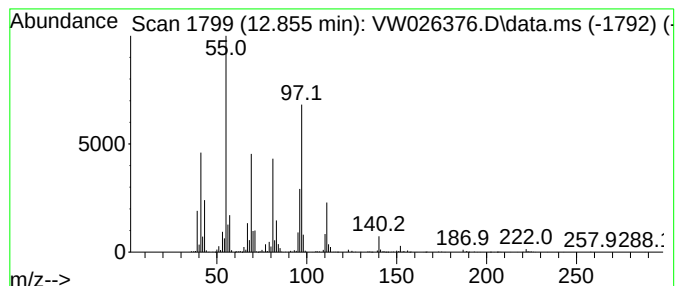
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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Cyclic12.855 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	27.99 ug/L	1191860	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	58
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	50
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	50
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	50
5			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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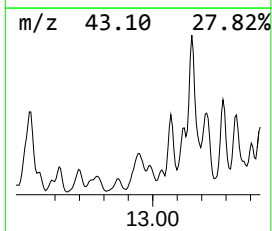
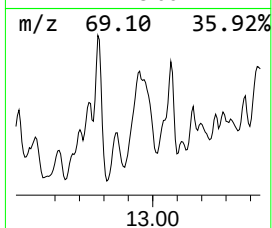
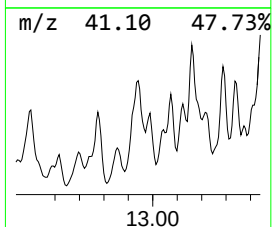
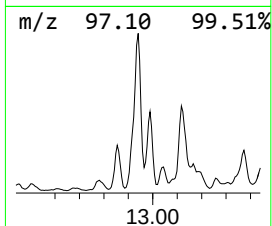
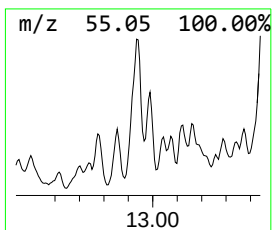
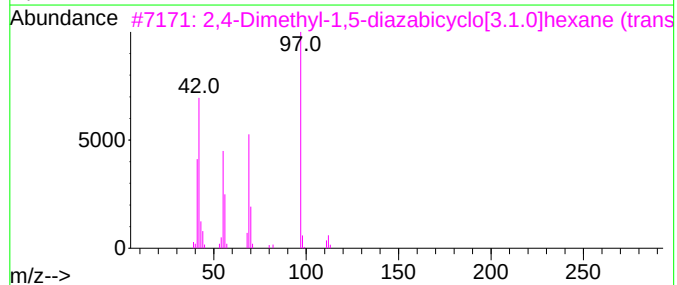
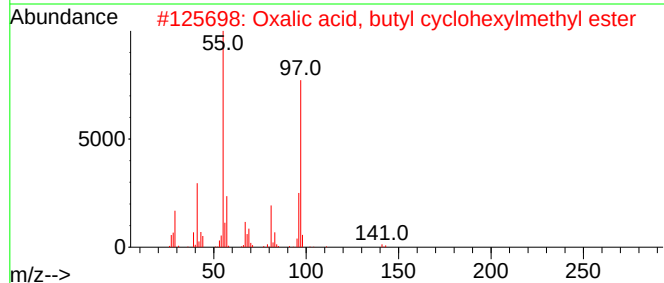
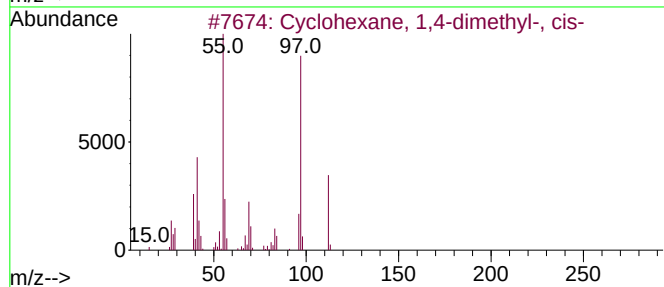
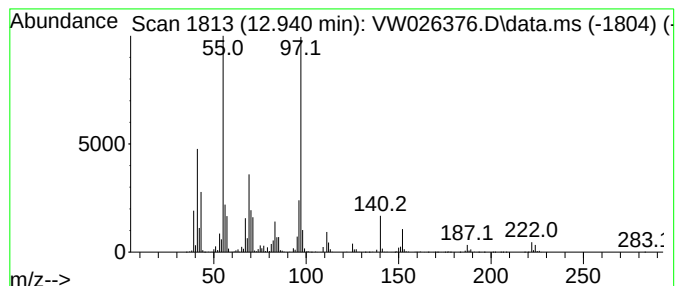
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Cyclic12.940 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	85.76 ug/L	3652530	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59
2			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	53
3			2,4-Dimethyl-1,5-diazabicyclo[3...	112	C6H12N2	1000283-20-9	52
4			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	52
5			Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

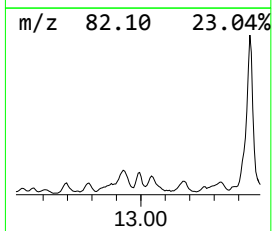
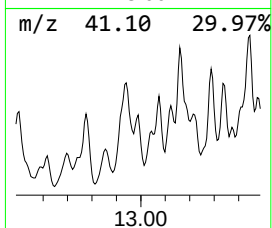
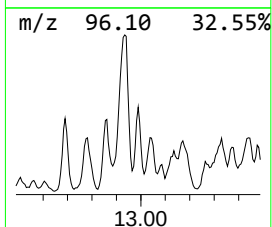
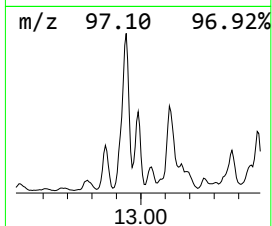
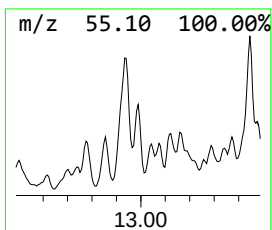
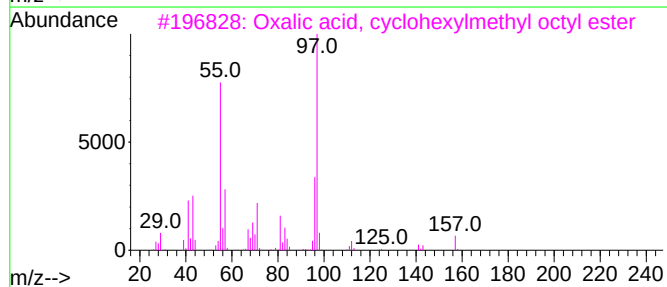
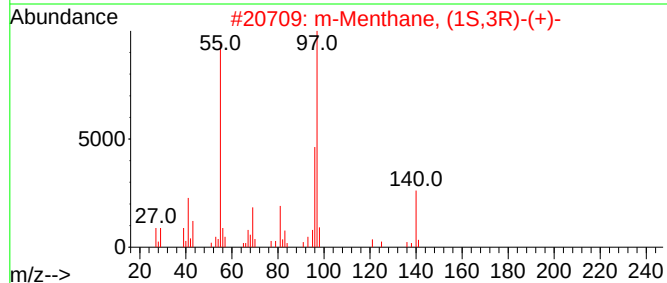
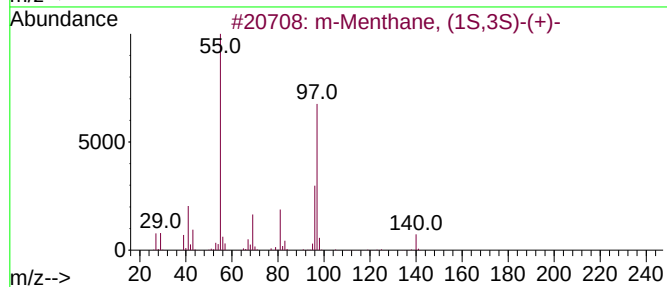
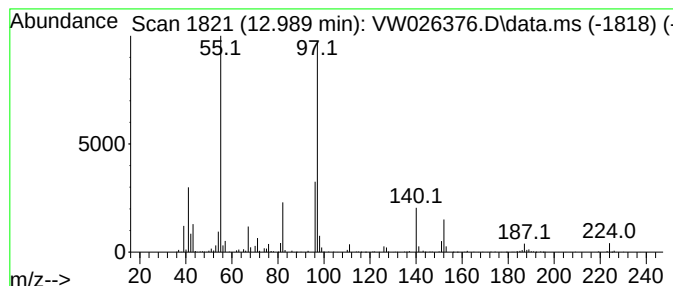
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.989	22.80 ug/L	971218	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID		MW MolForm	CAS#	Qual
1	m-Menthane, (1S,3S)-(+)-		140 C10H20	013837-67-7	59
2	m-Menthane, (1S,3R)-(+)-		140 C10H20	013837-66-6	53
3	Oxalic acid, cyclohexylmethyl oc...		298 C17H30O4	1000309-68-4	50
4	1-Azabicyclo[2.2.2]octan-3-one		125 C7H11NO	003731-38-2	50
5	Oxalic acid, di(cyclohexylmethyl...		282 C16H26O4	1000309-68-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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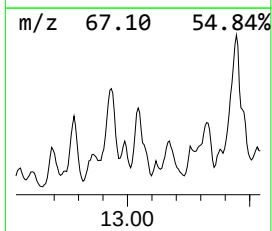
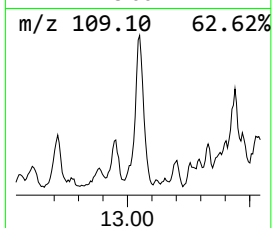
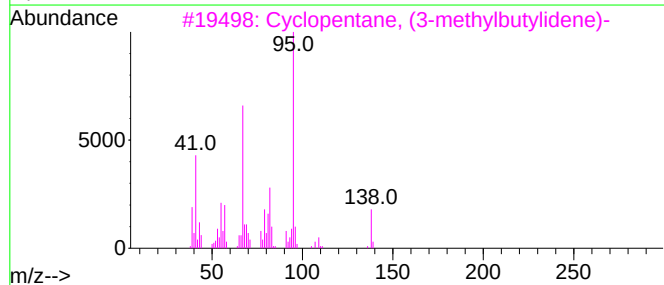
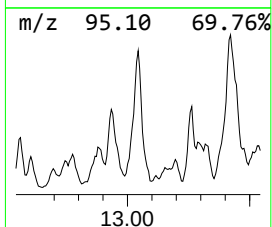
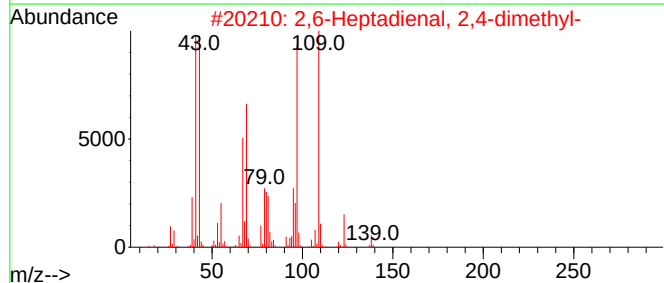
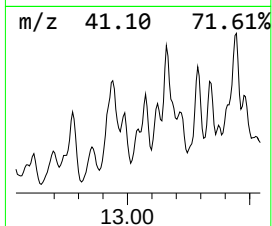
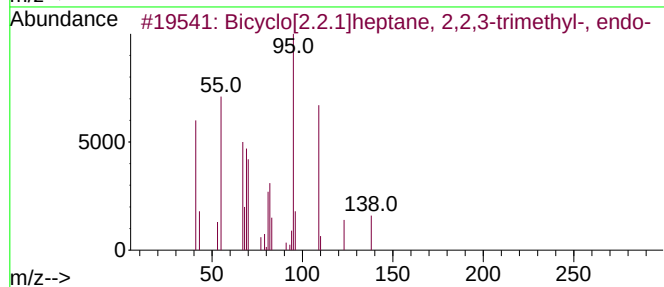
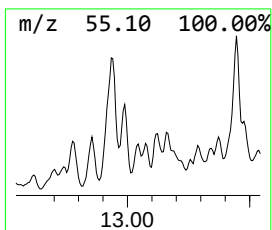
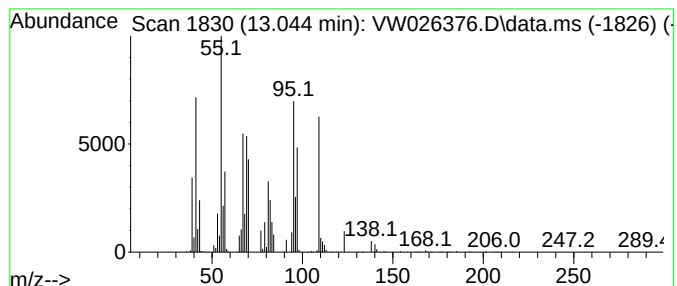
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Quant Title : SFAM01.0

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

Peak Number 30 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.044	12.17 ug/L	518259	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	53
2			2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	43
3			Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	38
4			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	38
5			Cyclohexanone, 2-(1-methylethyl)-	138	C9H14O	013747-73-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

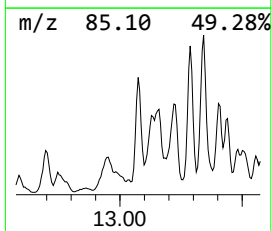
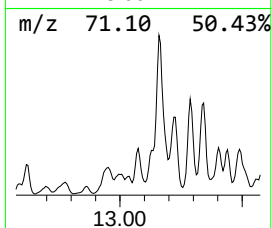
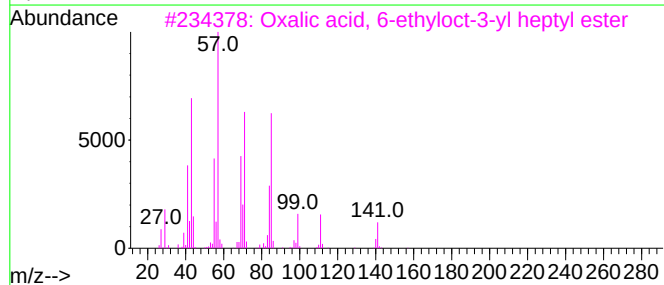
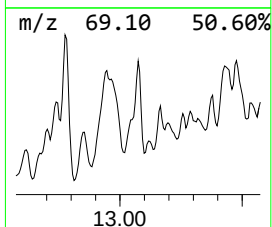
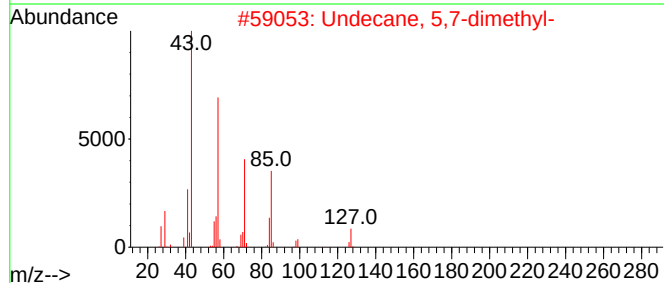
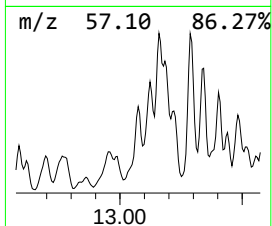
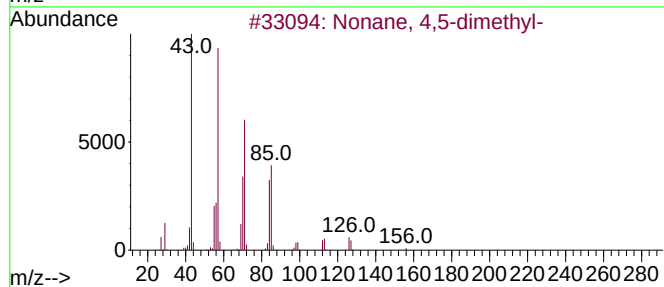
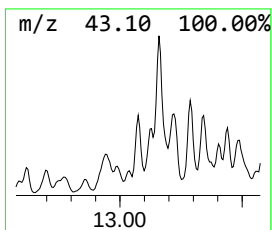
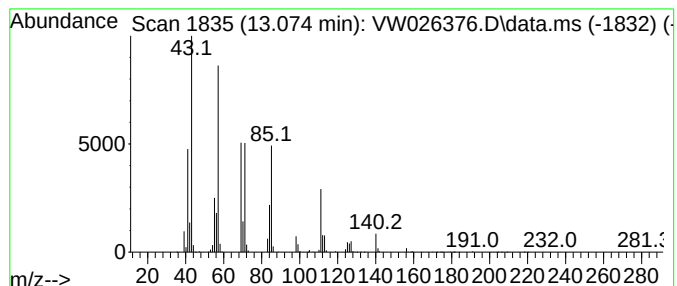
Instrument :
MSVOA_W
ClientSampleId :
A46F0

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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 24

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.074	21.15 ug/L	900554	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	64
2	Undecane, 5,7-dimethyl-		184	C13H28	017312-83-3	64
3	Oxalic acid, 6-ethyloct-3-yl hep...		328	C19H36O4	1000309-34-5	64
4	Tridecane		184	C13H28	000629-50-5	58
5	Undecane, 3,7-dimethyl-		184	C13H28	017301-29-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

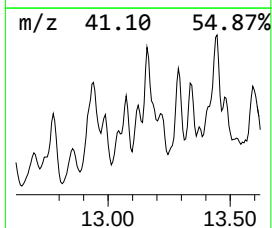
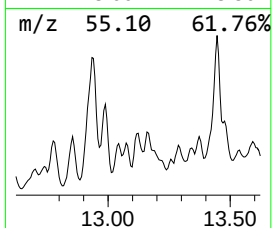
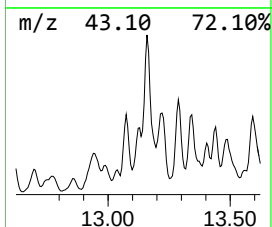
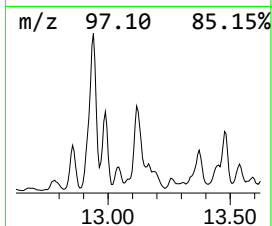
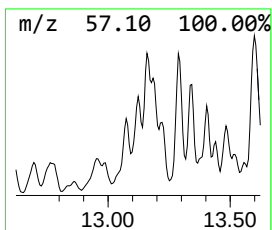
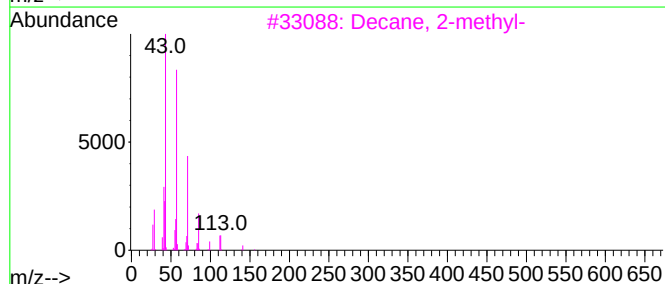
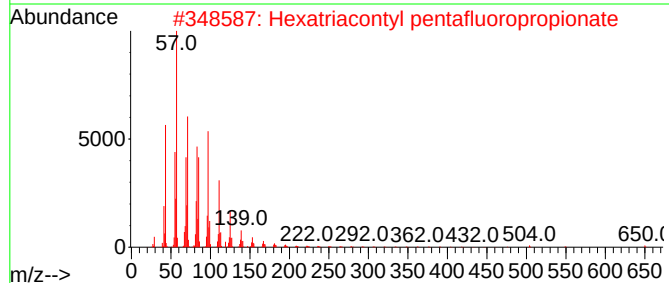
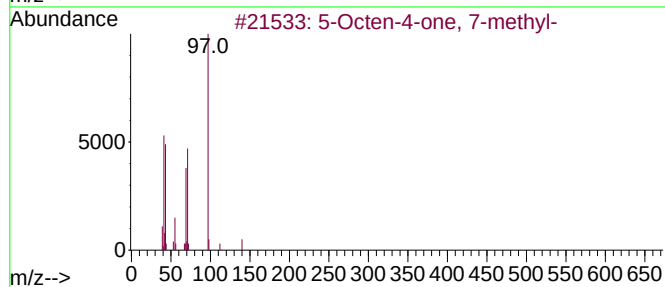
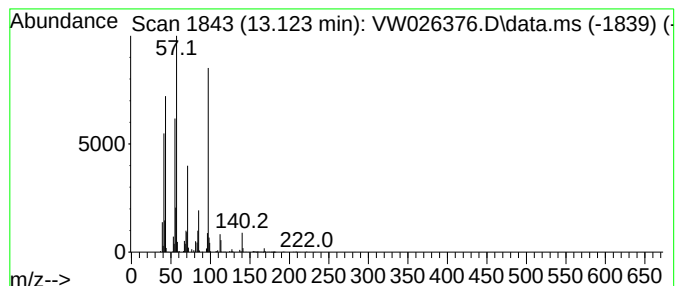
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Quant Title : SFAM01.0

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

Peak Number 32 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	19.73 ug/L	840324	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			Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	43
3			Decane, 2-methyl-	156	C11H24	006975-98-0	38
4			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	38
5			Undecane	156	C11H24	001120-21-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

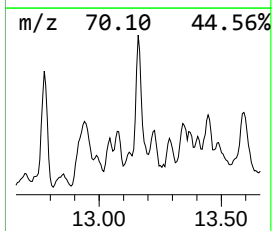
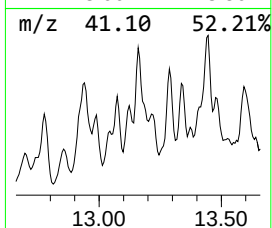
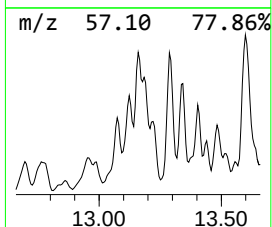
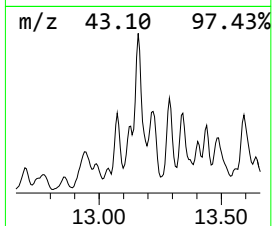
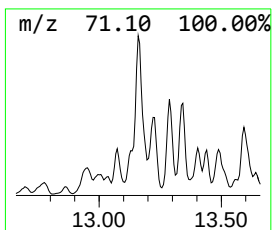
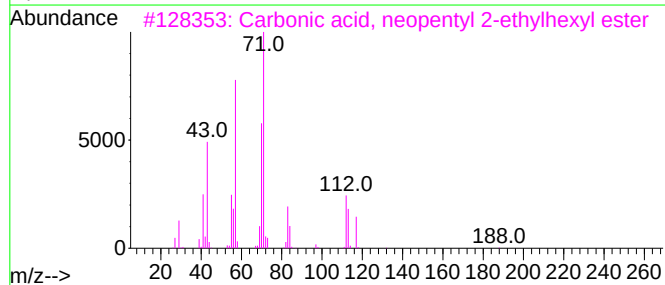
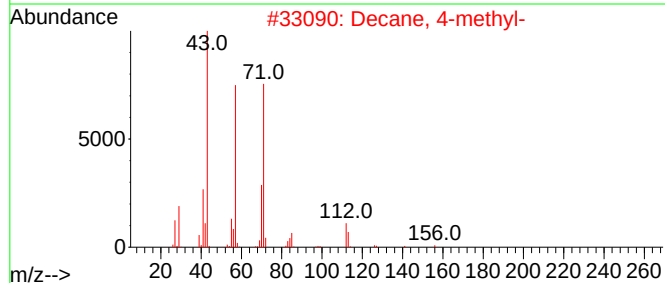
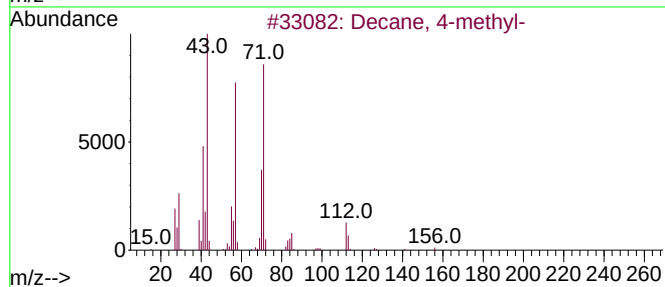
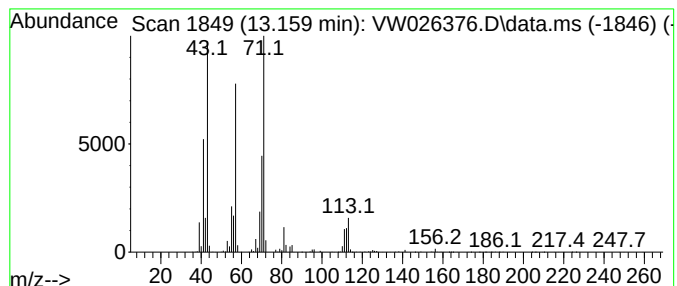
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	33.76 ug/L	1437920	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	83
2			Decane, 4-methyl-	156	C11H24	002847-72-5	64
3			Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	64
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
5			1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

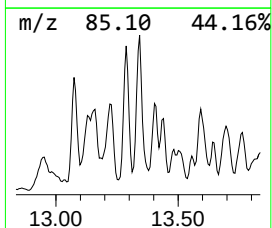
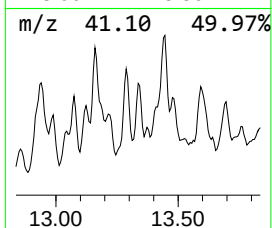
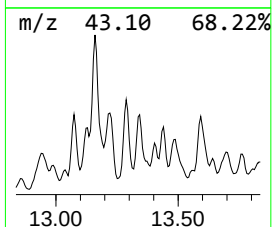
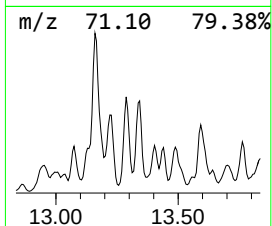
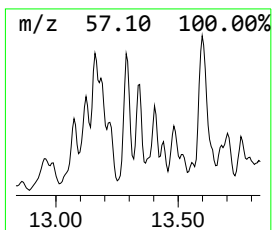
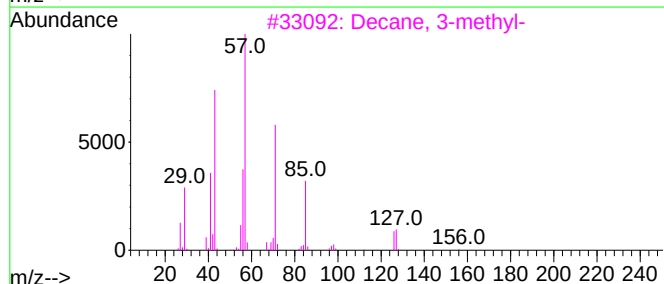
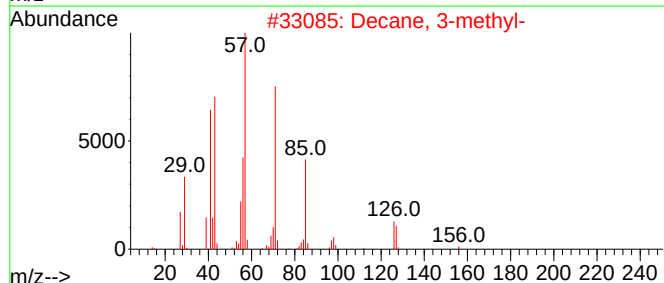
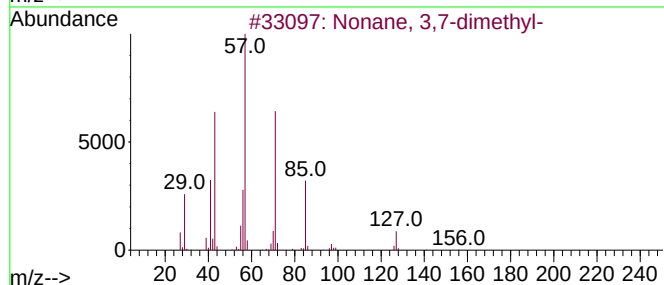
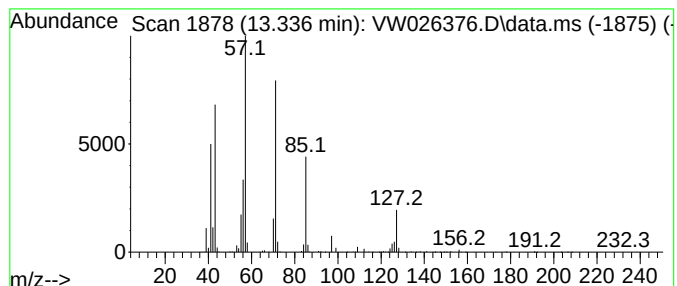
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Quant Title : SFAM01.0

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.336	18.99 ug/L	808649	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	91
2		Decane, 3-methyl-	156	C11H24	013151-34-3	81
3		Decane, 3-methyl-	156	C11H24	013151-34-3	72
4		10-Methylnonadecane	282	C20H42	056862-62-5	72
5		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

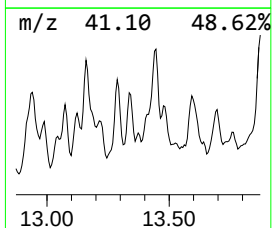
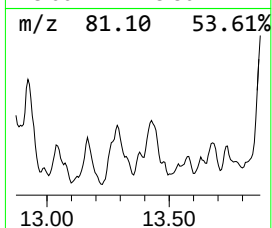
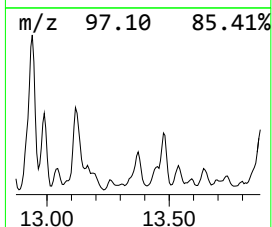
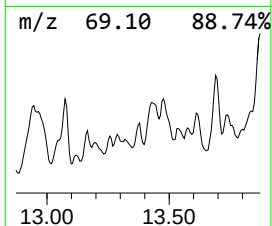
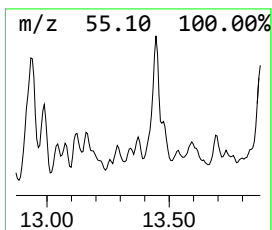
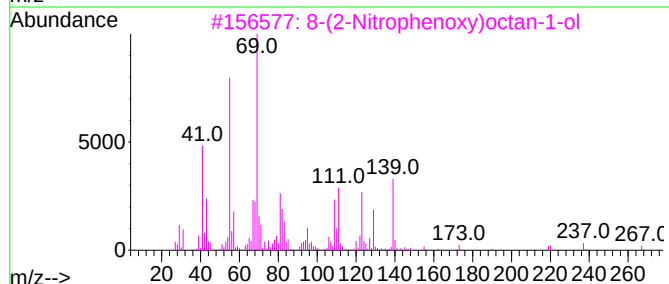
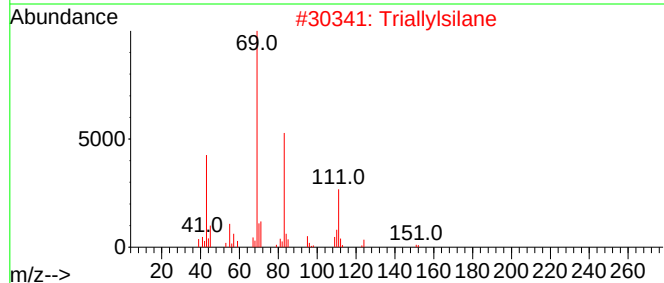
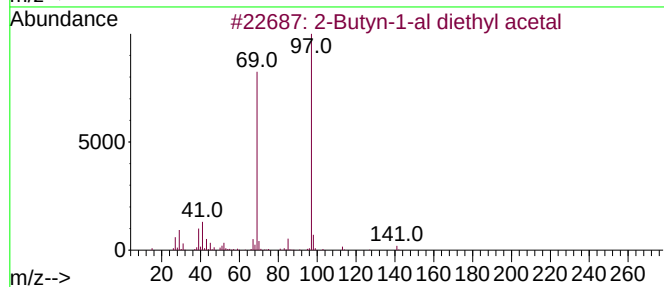
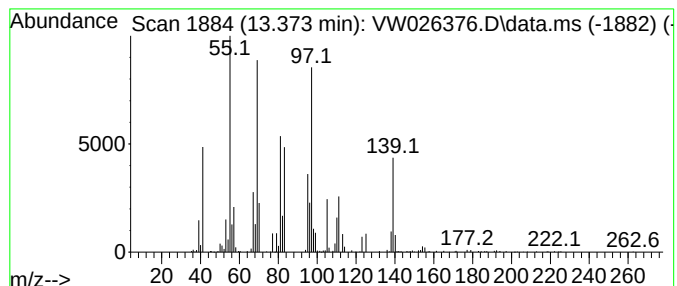
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Quant Title : SFAM01.0

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

Peak Number 36 unknown-03 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.373	3.05 ug/L	129883	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyn-1-ol	diethyl acetal	142	C8H14O2	002806-97-5	35	
2	Triallylsilane		152	C9H16Si	001116-62-7	35	
3	8-(2-Nitrophenoxy)octan-1-ol		267	C14H21NO4	167685-26-9	35	
4	Cyclohexane, 1-methyl-3-propyl-		140	C10H20	004291-80-9	25	
5	2-Methyl-3-ethyl-2-heptene		140	C10H20	019780-61-1	22	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

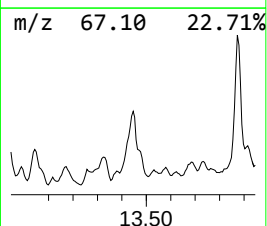
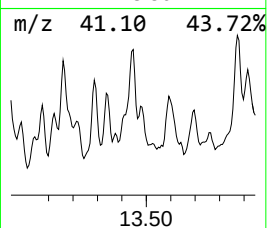
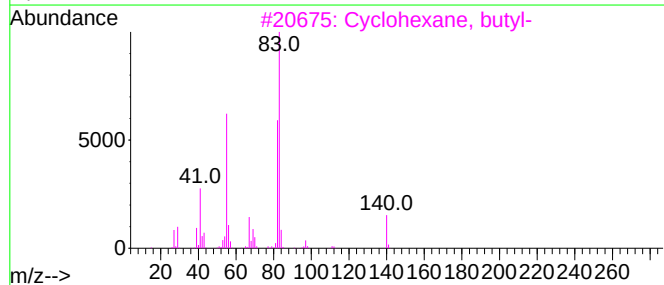
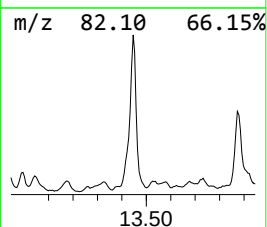
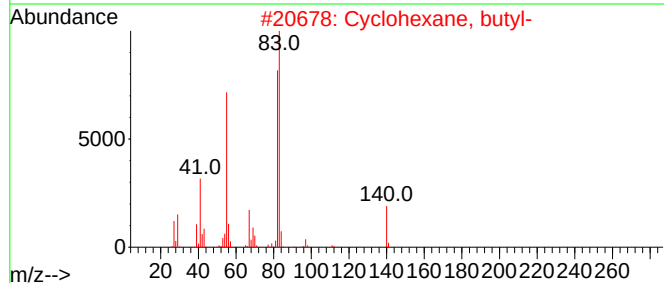
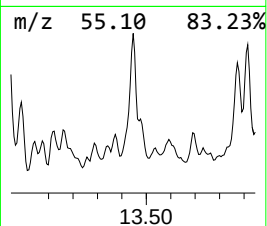
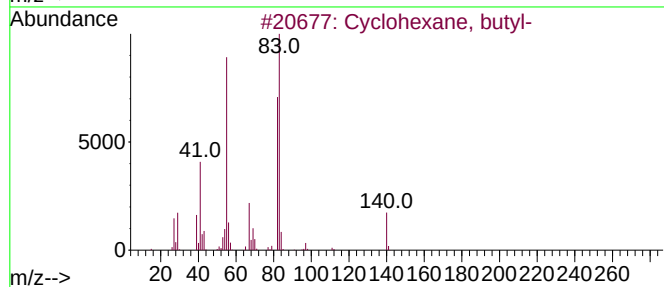
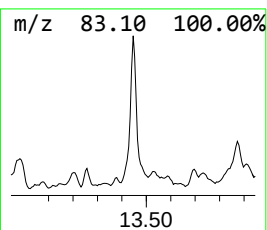
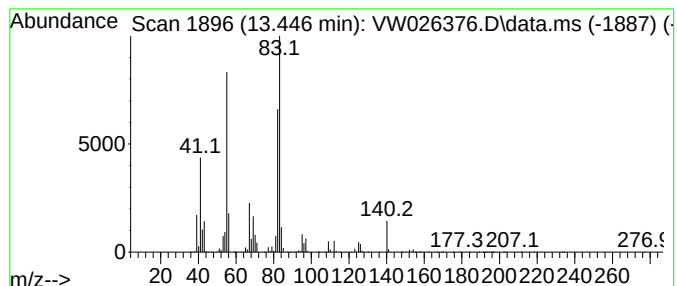
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Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Cyclic13.446 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	61.73 ug/L	2629170	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	87
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	83
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

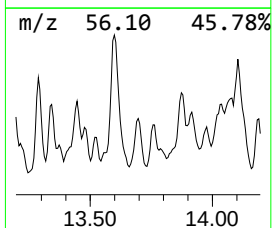
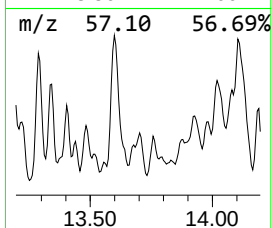
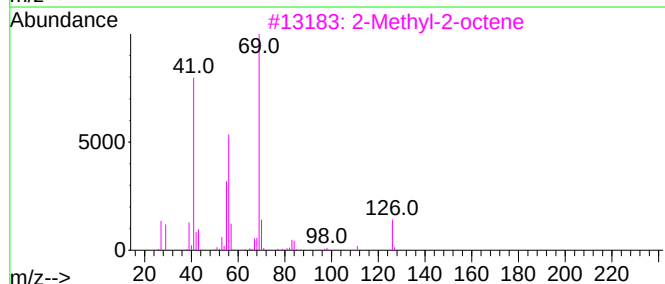
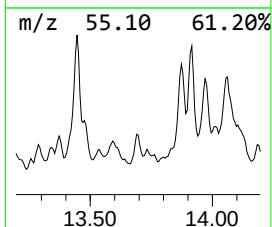
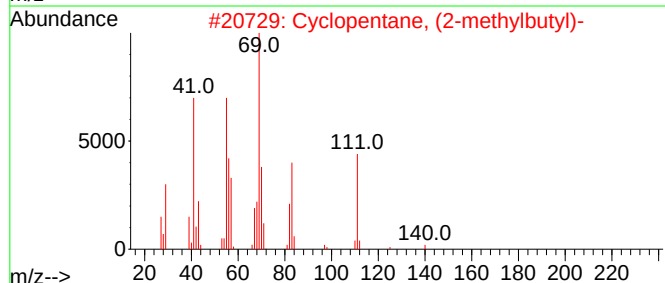
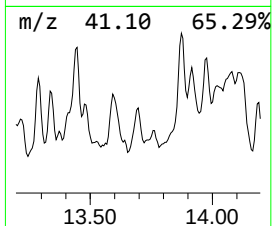
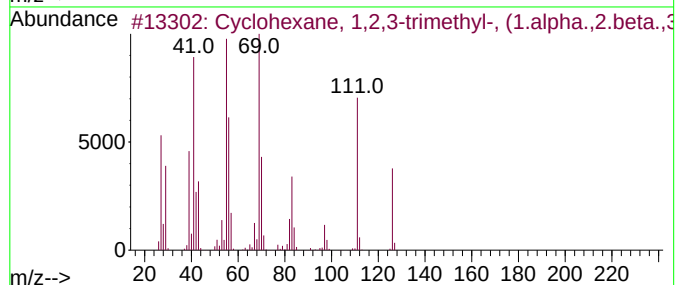
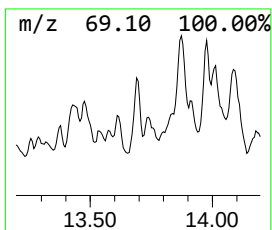
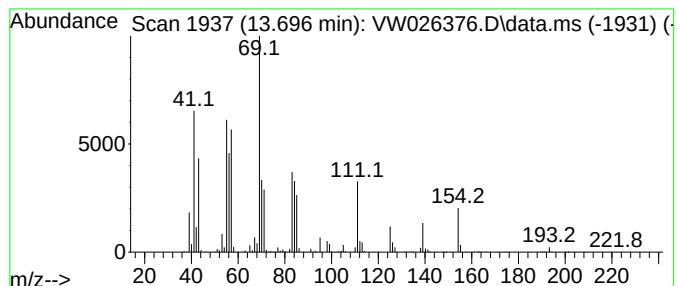
Instrument :
MSVOA_W
ClientSampleId :
A46F0

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 38 (DEL) Alkane: Cyclic13.696 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.696	27.02 ug/L	1150820	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	60
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	58
3	2-Methyl-2-octene	126	C9H18	016993-86-5	43
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	38
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

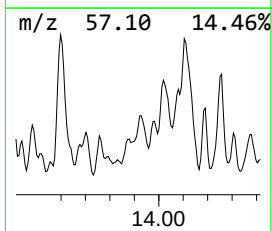
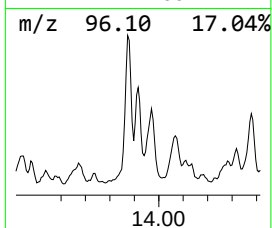
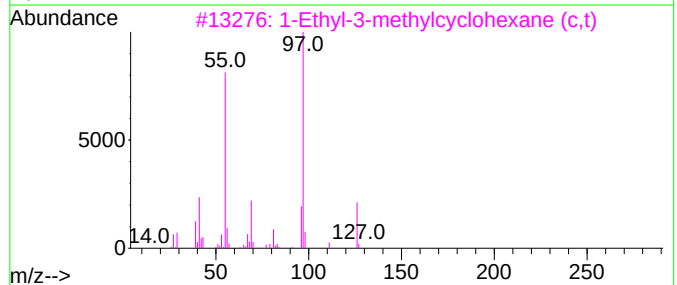
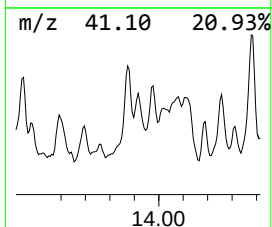
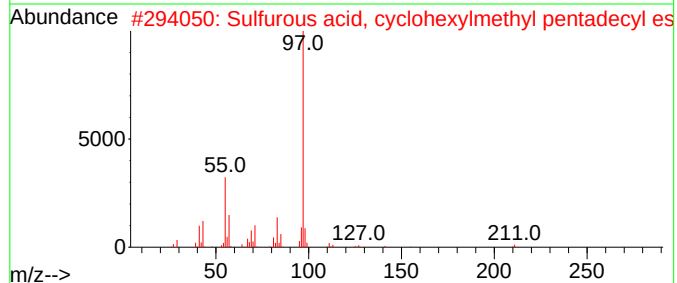
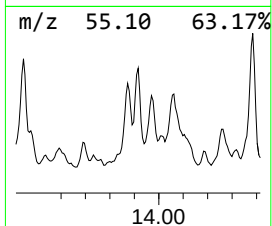
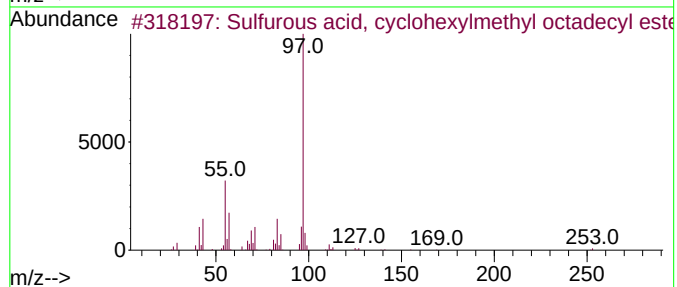
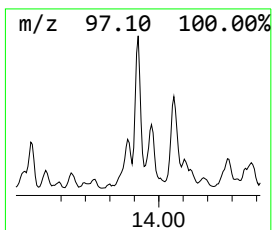
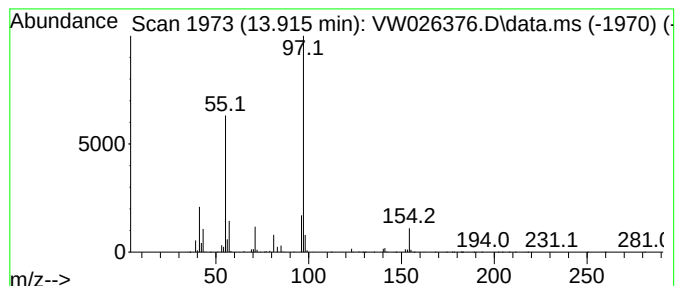
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Quant Title : SFAM01.0

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

Peak Number 39 Sulfurous acid, cyclohexylm... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.915	34.13 ug/L	1453630	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...	388	C22H44O3S	1000309-22-3	56
3			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	53
4			2-Fluoropyridine	97	C5H4FN	000372-48-5	50
5			Semustine	247	C10H18ClN3O2	013909-09-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

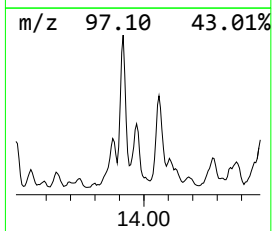
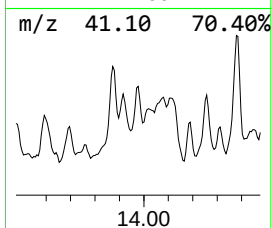
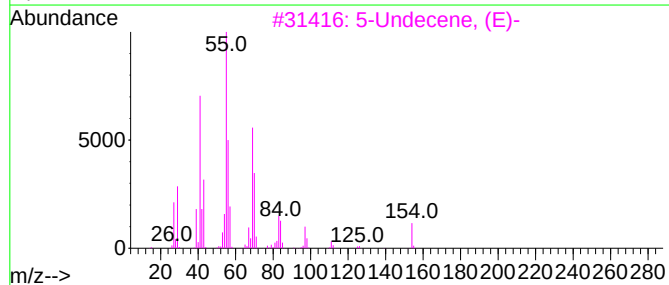
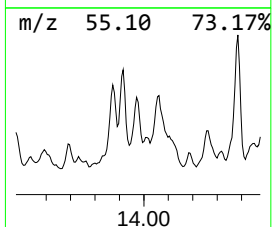
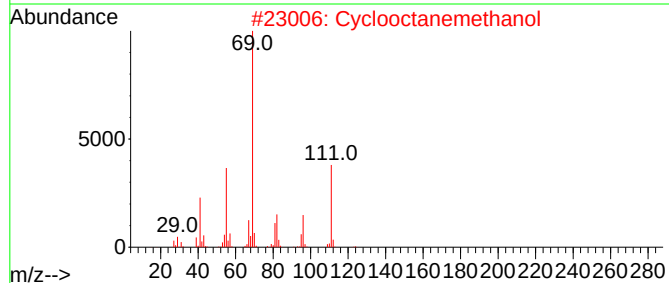
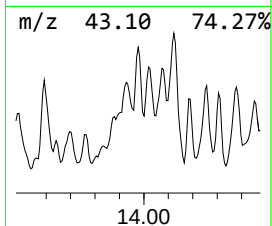
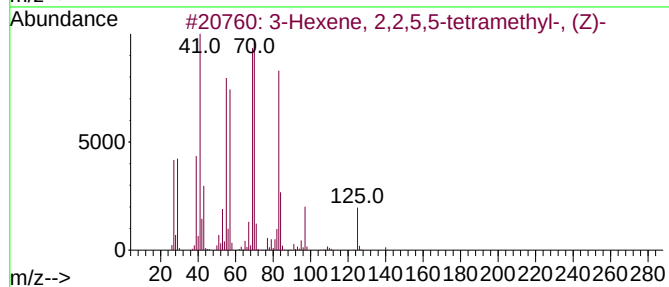
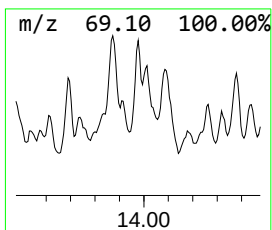
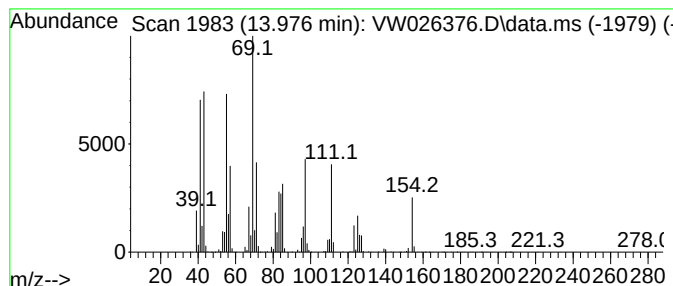
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Quant Title : SFAM01.0

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.976	25.81 ug/L	1099140	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Hexene, 2,2,5,5-tetramethyl-, ...	140	C10H20	000692-47-7	38
2		Cyclooctanemethanol	142	C9H18O	003637-63-6	35
3		5-Undecene, (E)-	154	C11H22	000764-97-6	35
4		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	35
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

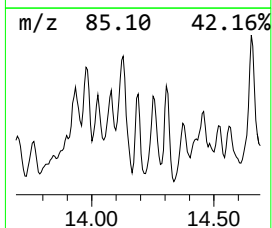
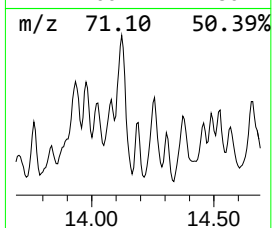
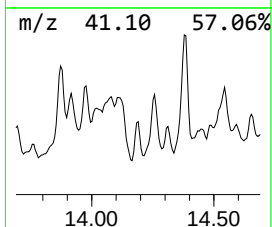
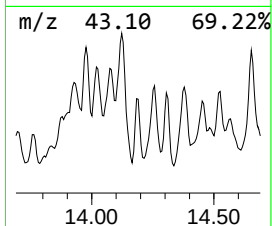
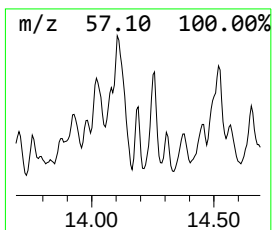
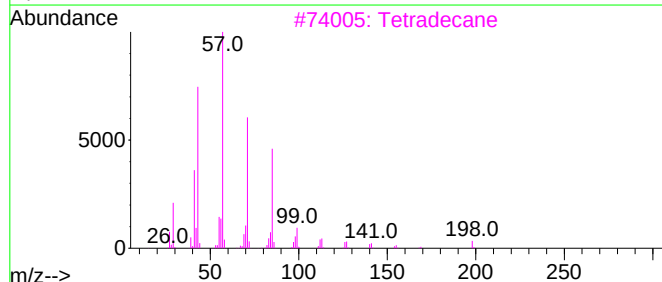
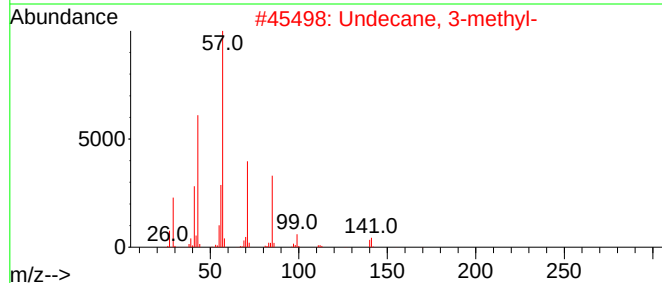
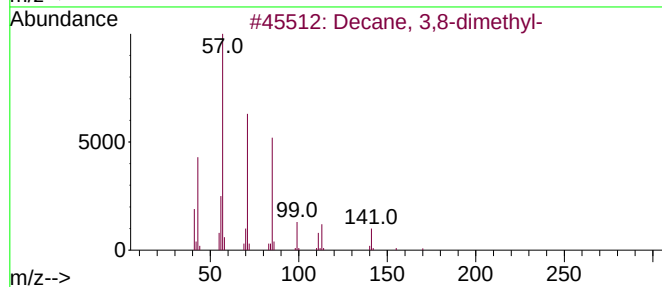
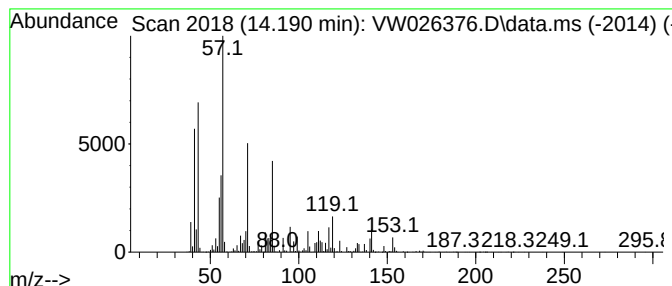
Instrument :
MSVOA_W
ClientSampleId :
A46F0

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 41 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.190	26.90 ug/L	1145770	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	68
2	Undecane, 3-methyl-		170	C12H26	001002-43-3	53
3	Tetradecane		198	C14H30	000629-59-4	52
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	52
5	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

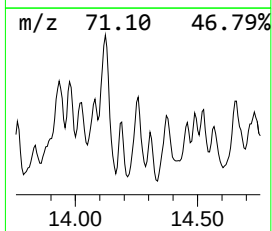
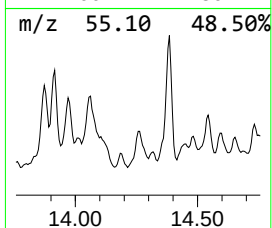
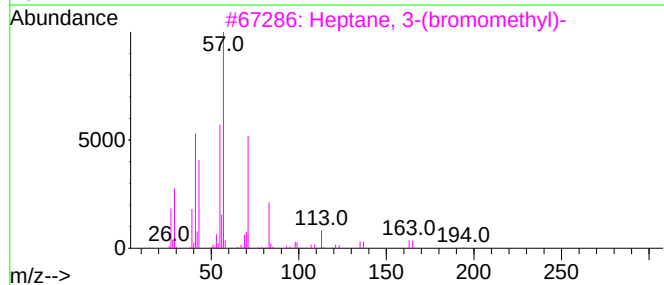
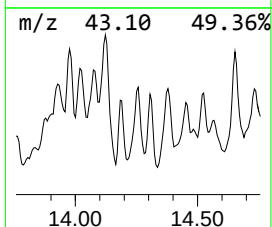
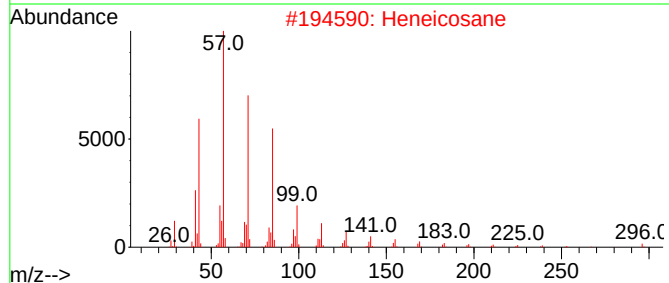
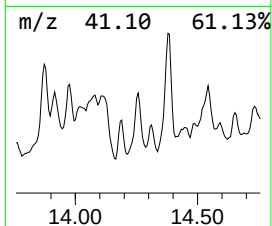
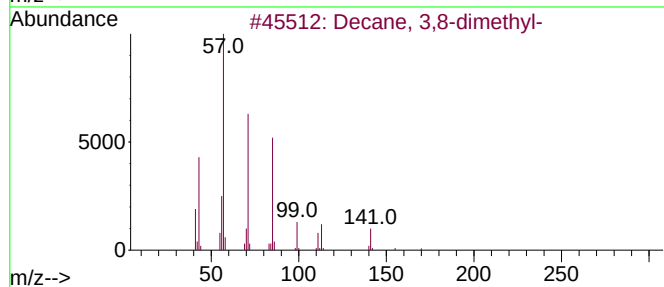
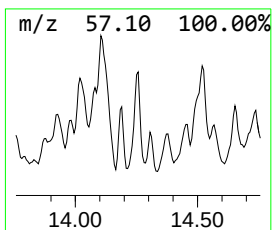
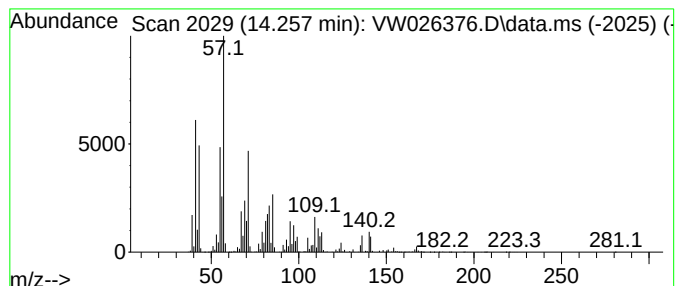
Instrument :
MSVOA_W
ClientSampleId :
A46F0

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 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.257	35.46 ug/L	1510370	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	49
2	Heneicosane	296	C21H44	000629-94-7	43
3	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	43
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	41
5	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

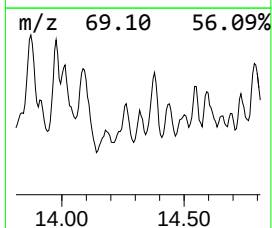
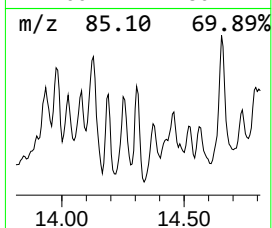
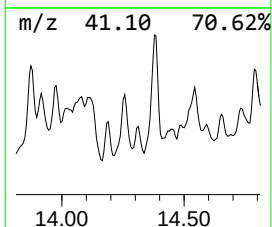
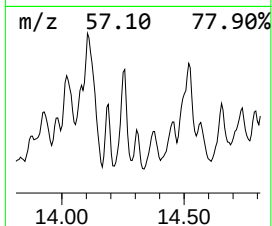
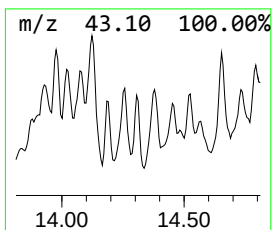
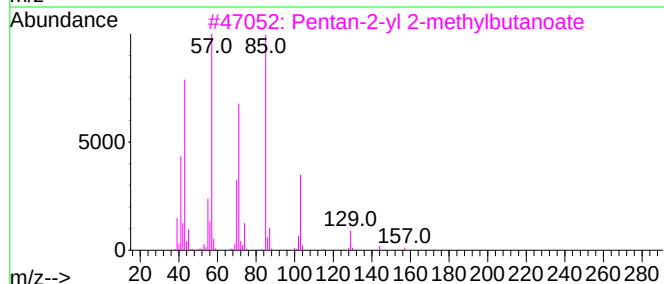
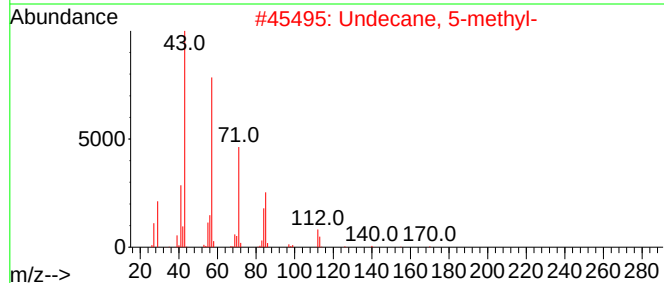
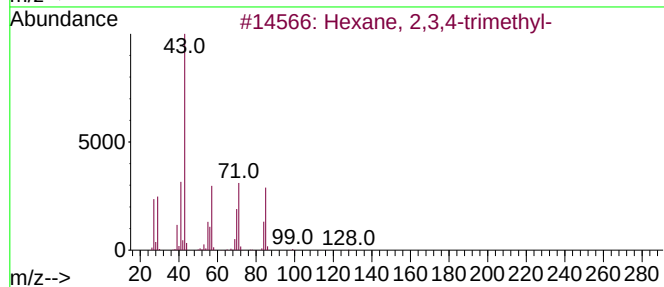
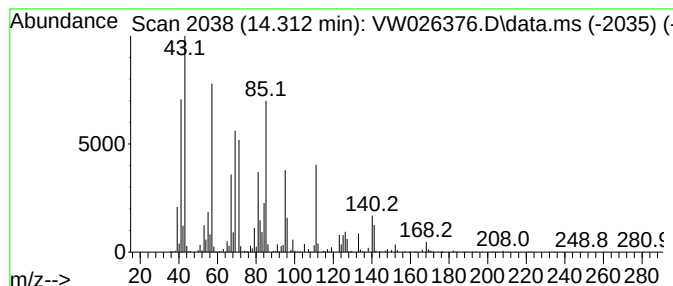
Instrument :
MSVOA_W
ClientSampleId :
A46F0

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 32

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.312	13.07 ug/L	556578	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	35
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	25
3	Pentan-2-yl 2-methylbutanoate	172	C10H20O2	1000372-71-7	25
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	22
5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

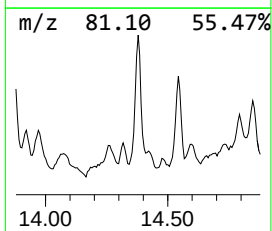
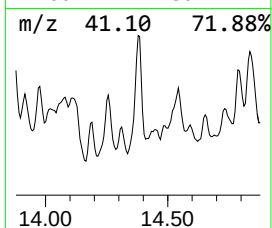
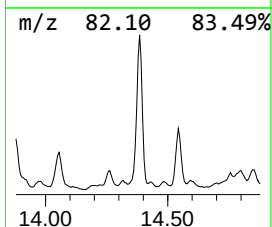
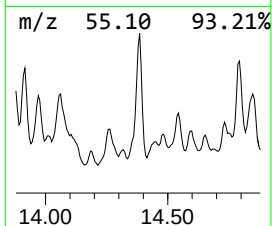
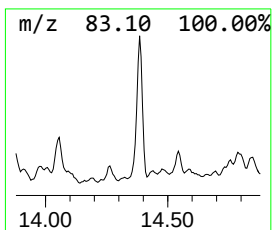
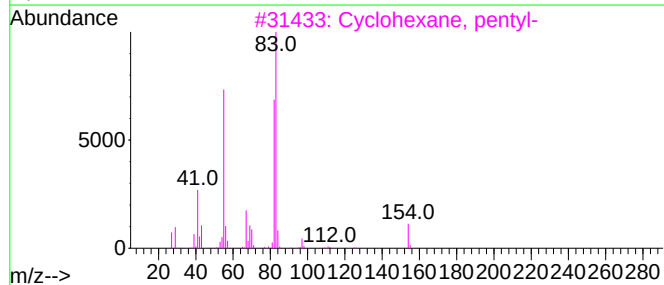
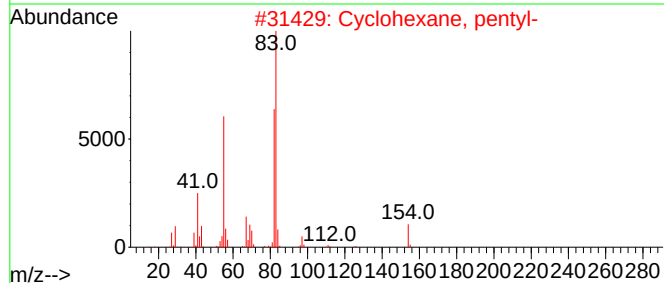
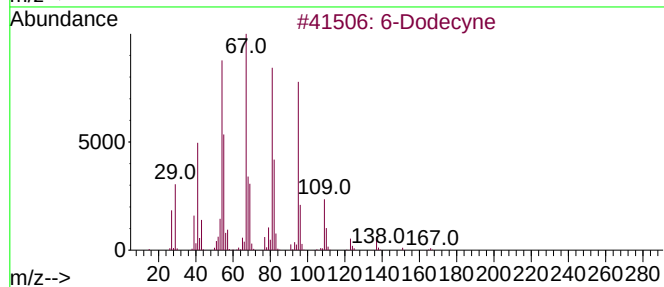
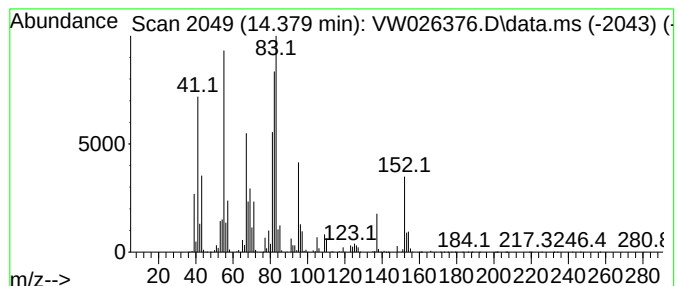
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Quant Title : SFAM01.0

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

Peak Number 44 6-Dodecyne Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	95.39 ug/L	4062390	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-Dodecyne	166	C12H22	006975-99-1	51
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
5		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

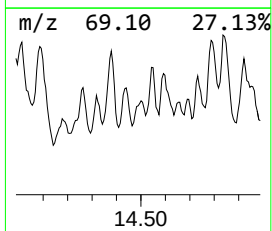
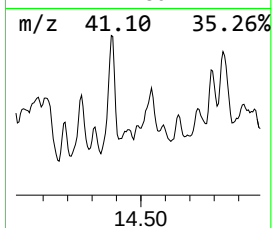
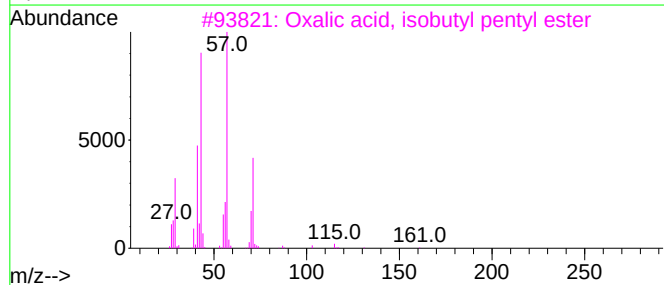
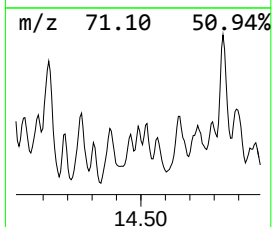
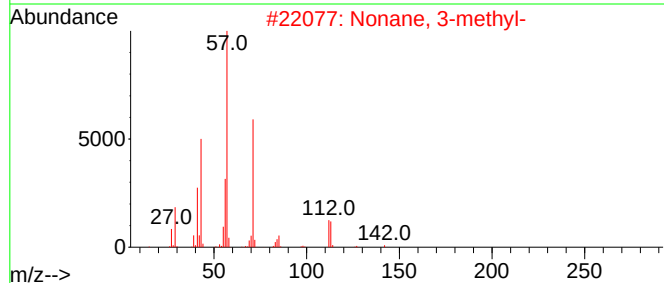
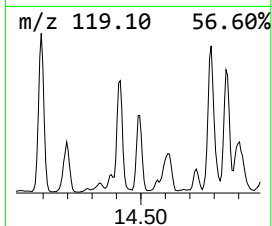
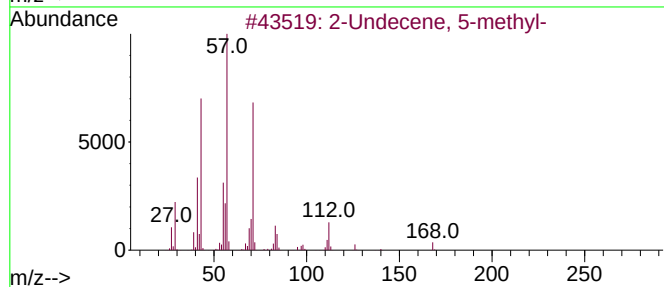
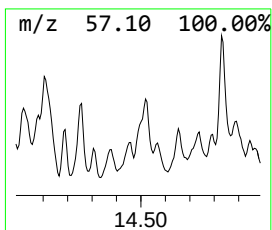
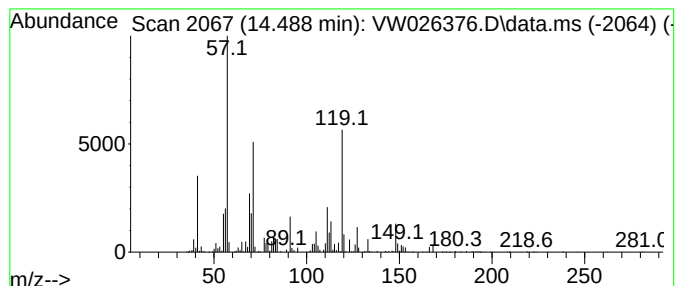
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Quant Title : SFAM01.0

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.489	10.23 ug/L	435617	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Undecene, 5-methyl-	168	C12H24	056851-34-4	43
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	38
3		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	35
4		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	18
5		Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

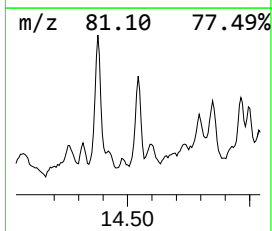
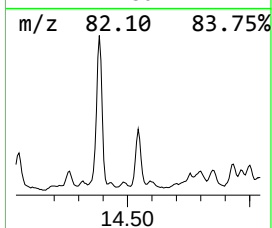
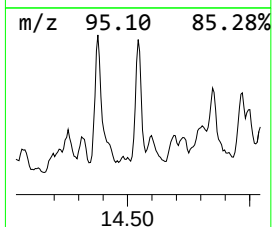
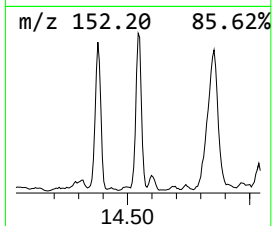
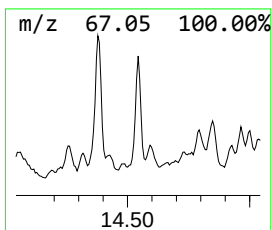
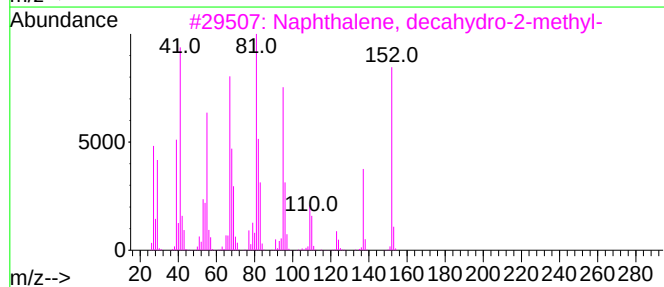
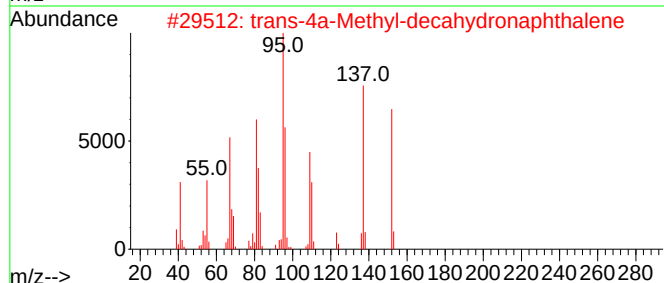
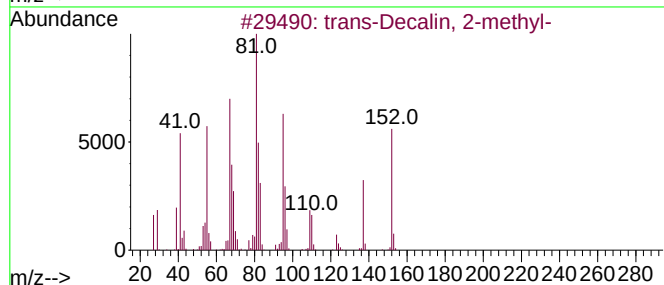
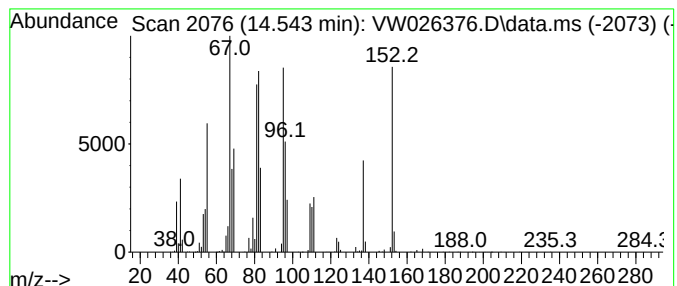
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Quant Title : SFAM01.0

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

Peak Number 46 trans-Decalin, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	34.79 ug/L	1481730	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
2			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	89
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
4			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
5			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

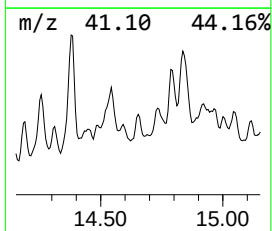
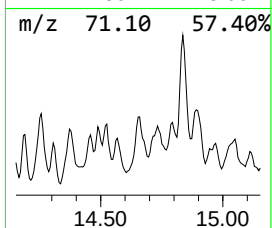
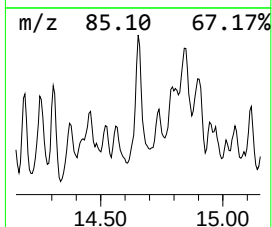
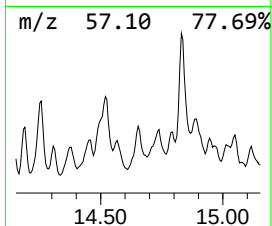
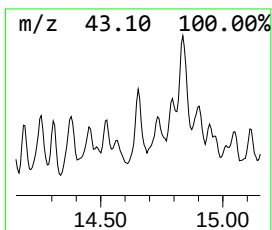
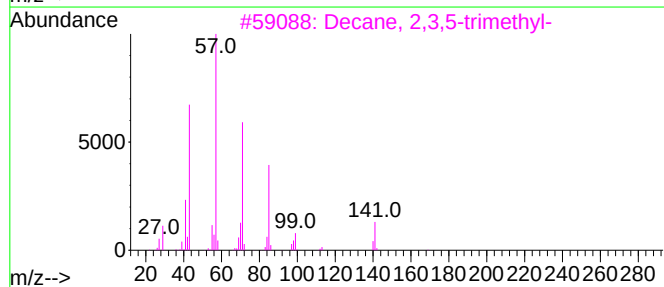
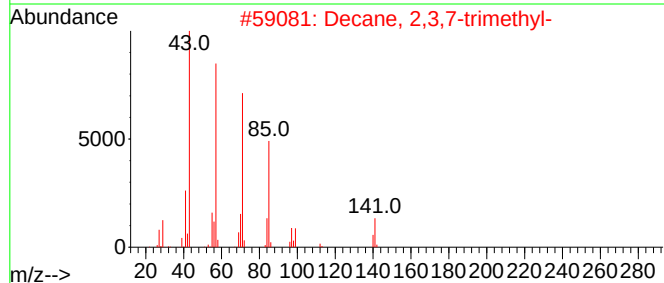
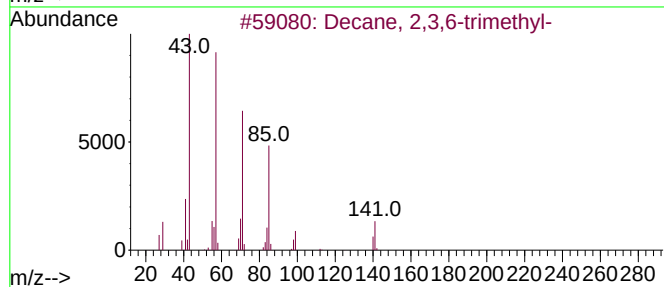
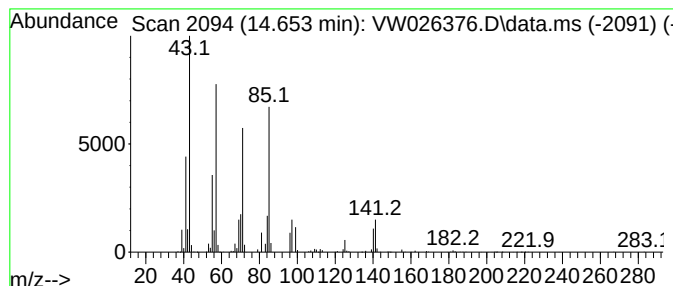
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Quant Title : SFAM01.0

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	12.80 ug/L	545325	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	80
2		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	78
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
4		Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	64
5		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

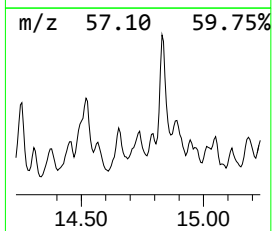
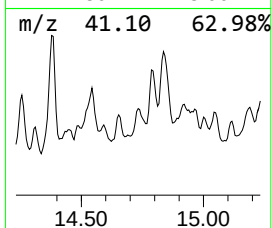
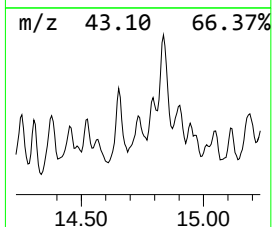
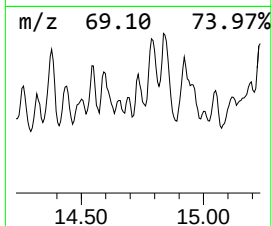
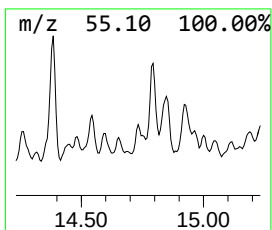
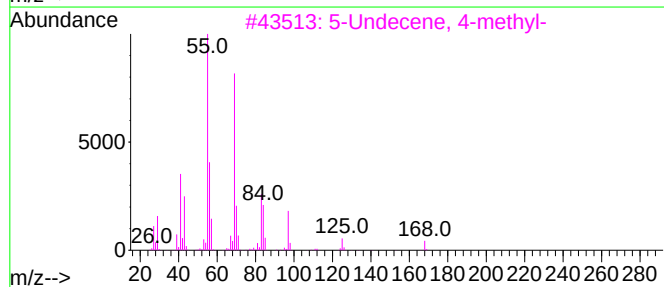
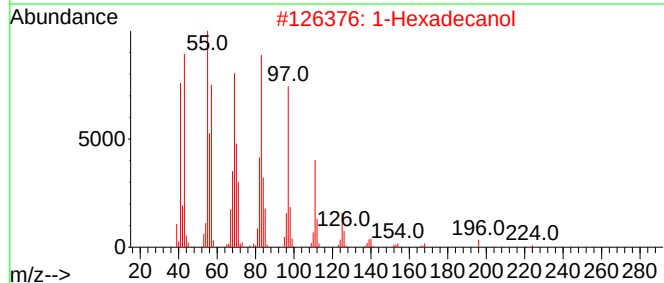
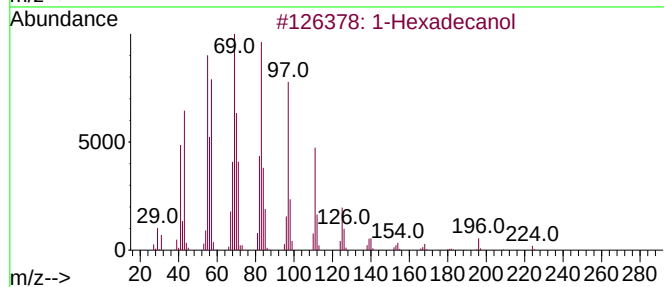
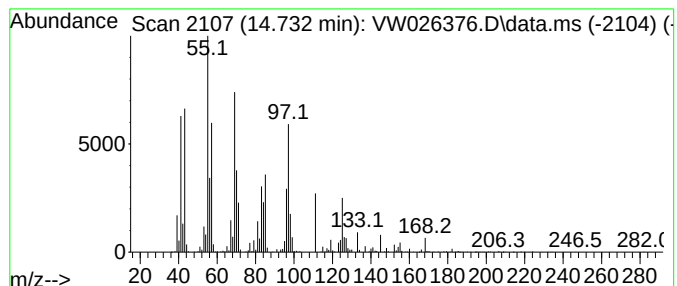
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Quant Title : SFAM01.0

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

Peak Number 48 1-Hexadecanol Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	18.31 ug/L	779687	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexadecanol	242	C16H34O	036653-82-4	64
2			1-Hexadecanol	242	C16H34O	036653-82-4	64
3			5-Undecene, 4-methyl-	168	C12H24	143185-91-5	46
4			3-Dodecene, (E)-	168	C12H24	007206-14-6	45
5			6-Dodecene, (E)-	168	C12H24	007206-17-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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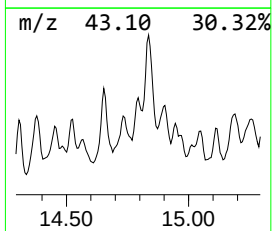
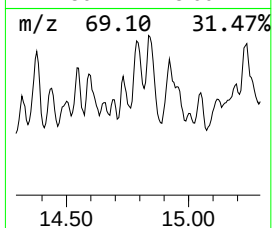
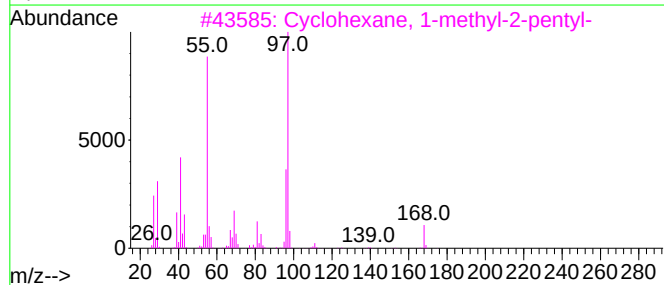
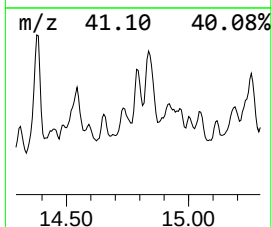
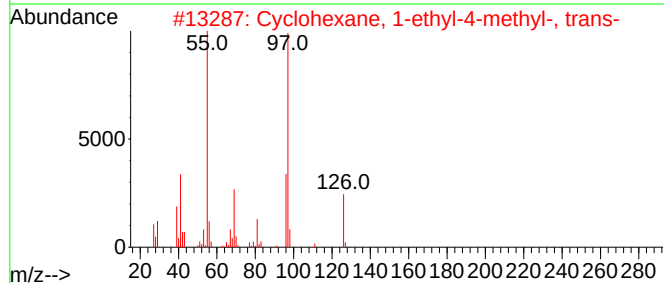
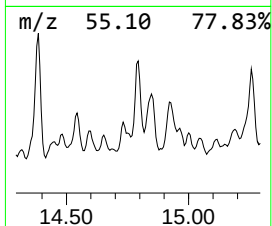
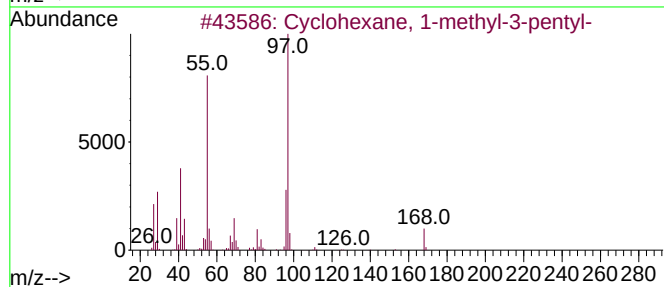
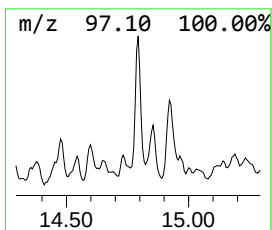
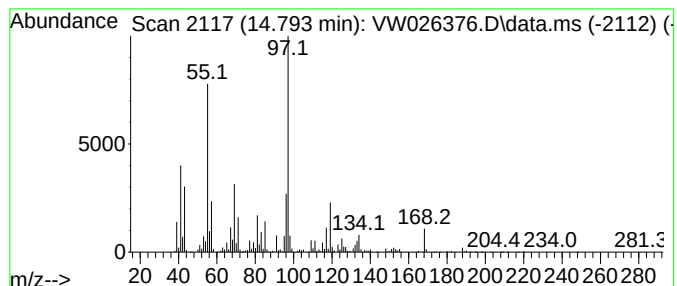
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Quant Title : SFAM01.0

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

Peak Number 49 (DEL) Alkane: Cyclic14.793 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	52.89 ug/L	2252530	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	70
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
3			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	62
4			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	52
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

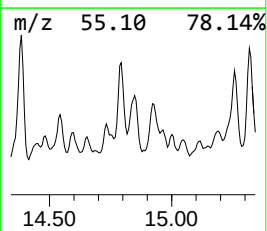
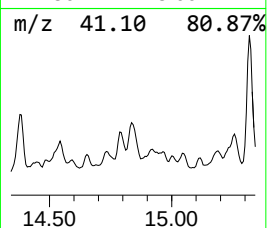
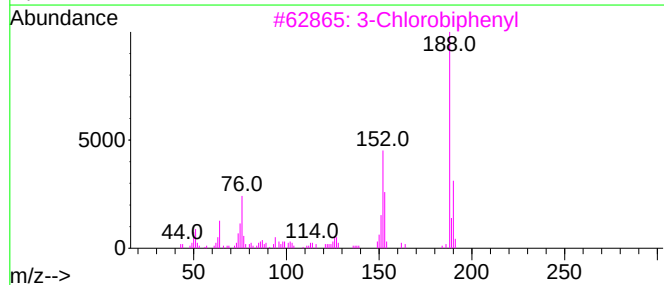
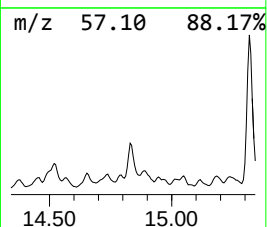
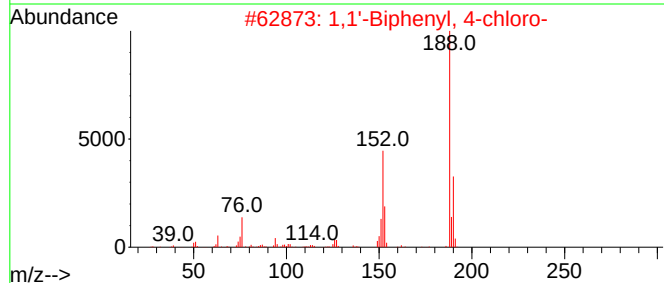
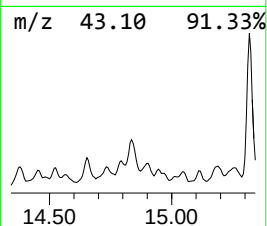
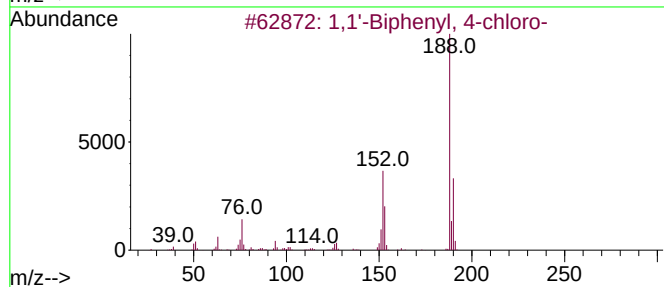
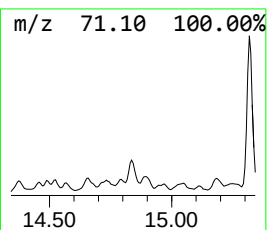
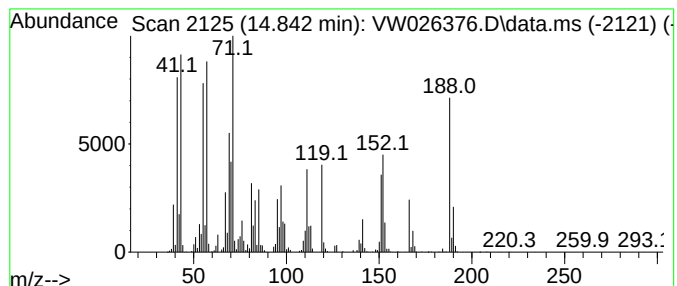
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Quant Title : SFAM01.0

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

Peak Number 50 unknown-04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.842	82.52 ug/L	3514430	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	25
2	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	25
3	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	25
4	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	25
5	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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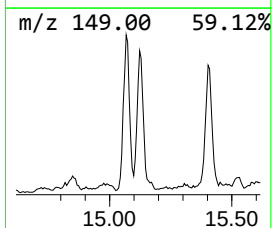
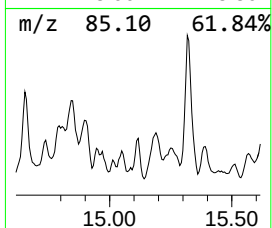
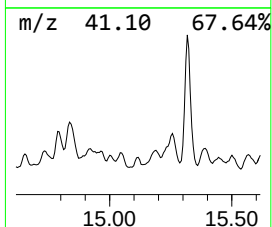
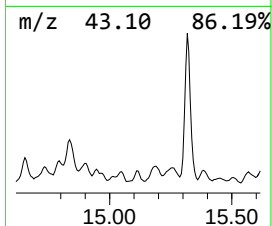
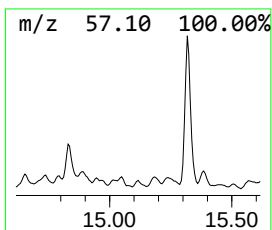
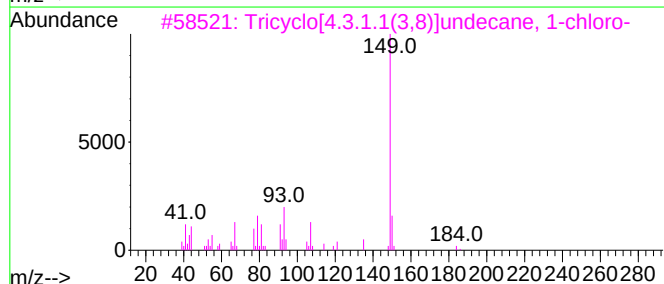
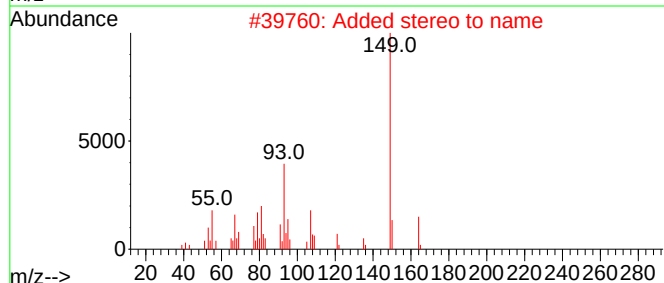
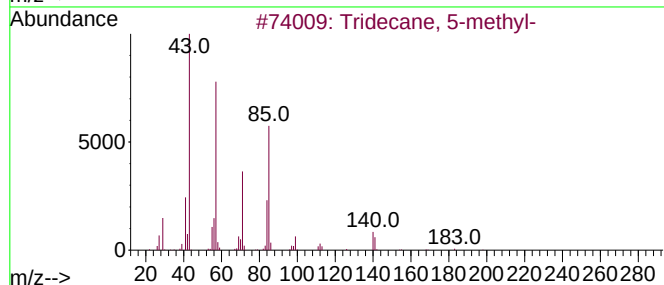
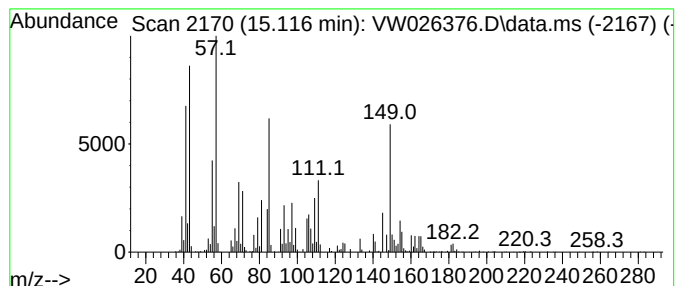
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Quant Title : SFAM01.0

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.116	9.40 ug/L	400259	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 5-methyl-	198	C14H30	025117-31-1	35
2		Added stereo to name	164	C12H20	024145-88-8	25
3		Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	25
4		1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	25
5		Pentane, 1-bromo-3-methyl-	164	C6H13Br	051116-73-5	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

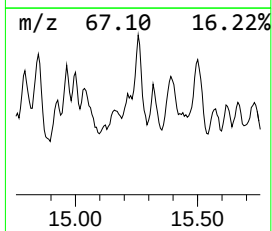
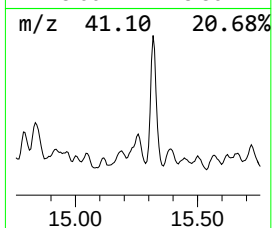
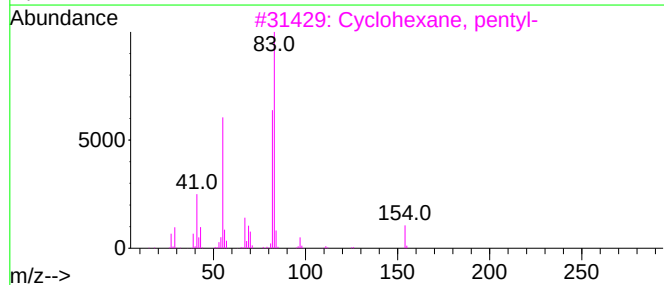
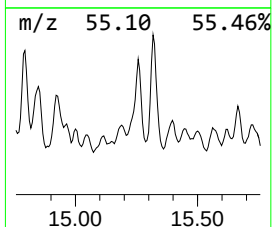
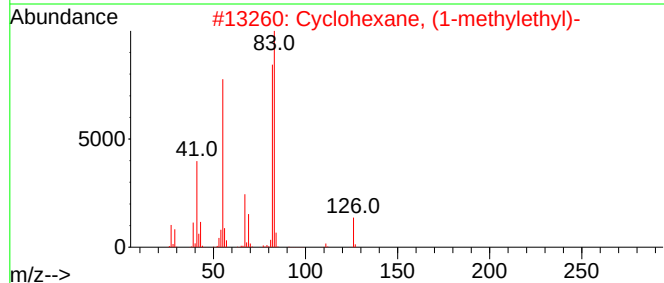
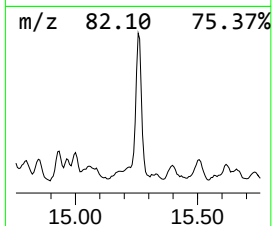
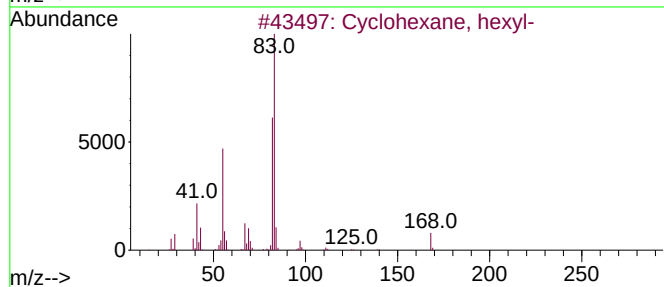
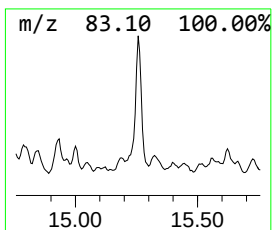
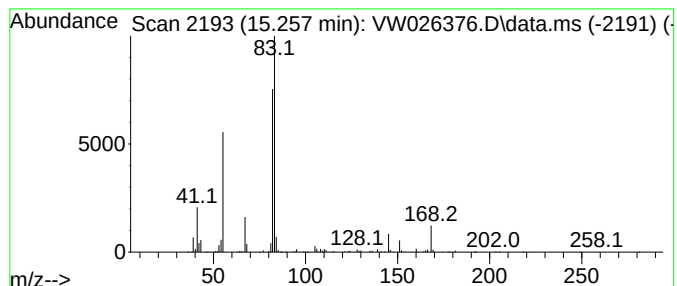
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Quant Title : SFAM01.0

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

Peak Number 52 (DEL) Alkane: Cyclic15.257 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	33.60 ug/L	1430980	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	78
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4			Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

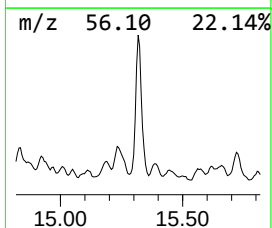
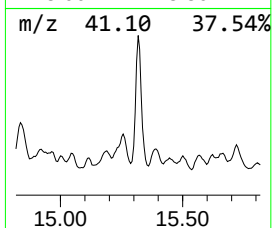
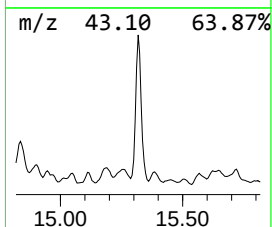
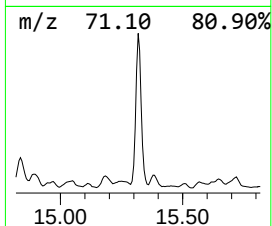
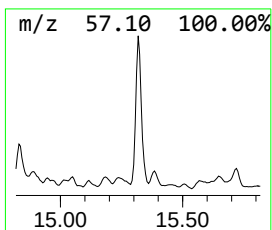
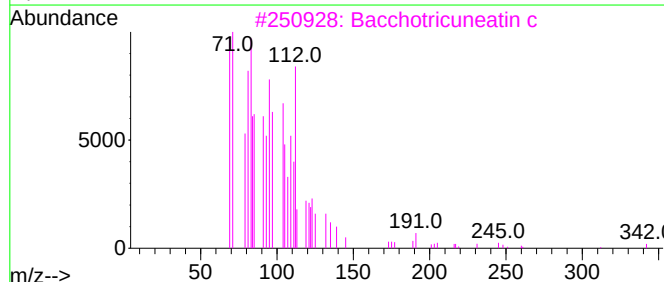
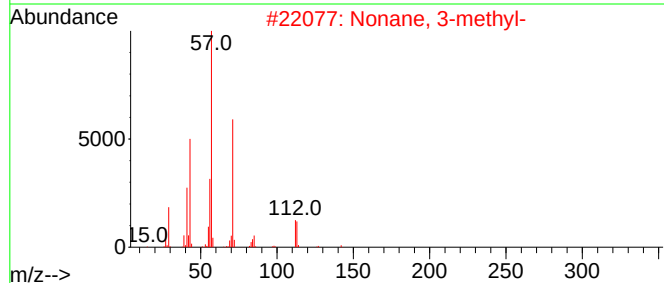
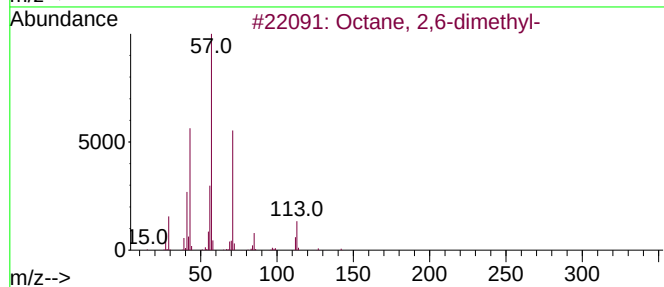
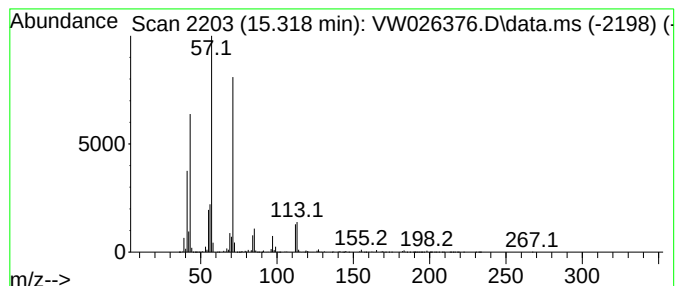
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Quant Title : SFAM01.0

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	170.12 ug/L	7245270	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	Nonane, 3-methyl-			142	C10H22	005911-04-6	72
3	Bacchotricuneatin c			342	C20H22O5	066563-30-2	72
4	Oxalic acid, bis(2-ethylhexyl) e...			314	C18H34O4	1000309-39-0	64
5	Oxalic acid, isobutyl pentyl ester			216	C11H20O4	1000309-37-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

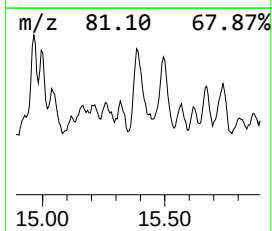
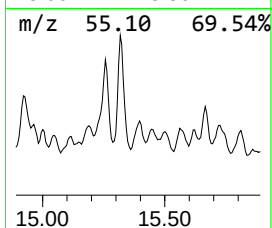
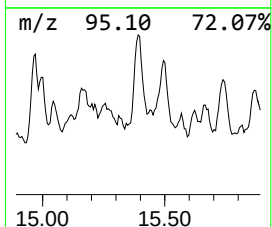
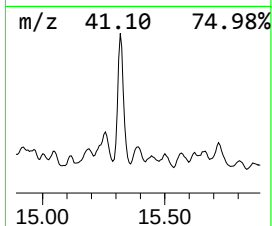
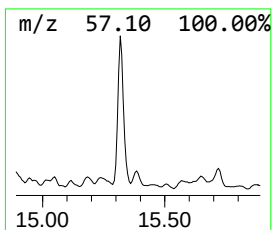
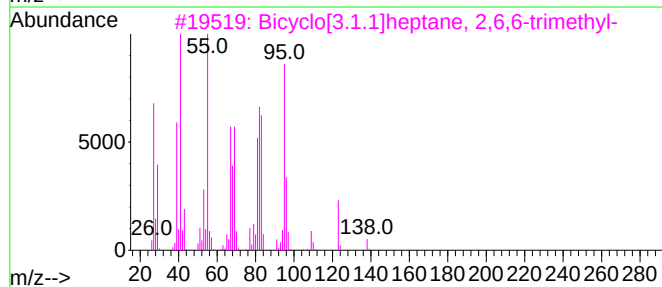
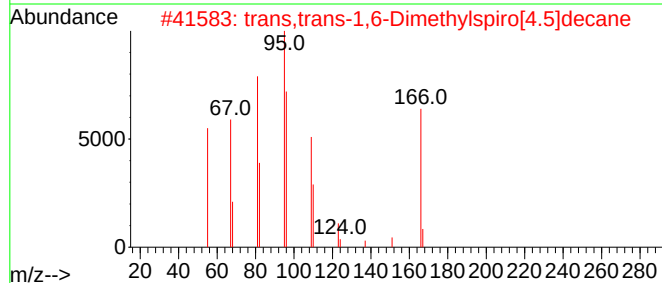
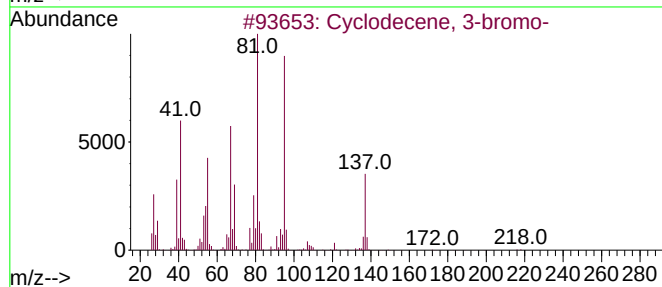
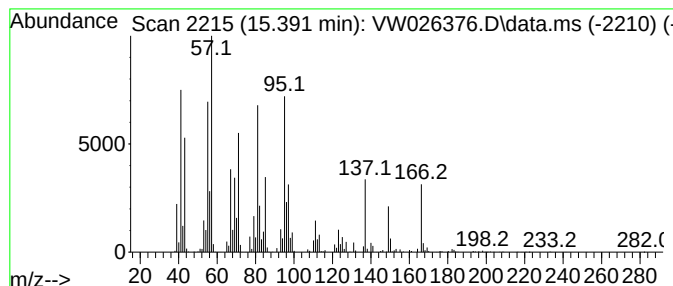
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Quant Title : SFAM01.0

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

Peak Number 54 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	35.74 ug/L	1522000	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclodecene, 3-bromo-	216	C10H17Br	056325-56-5	42
2			trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	38
3			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	30
4			1-Bromoeicosane	360	C20H41Br	004276-49-7	25
5			Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

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

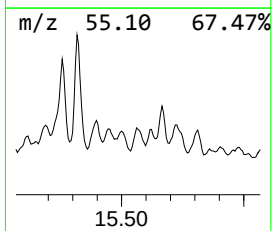
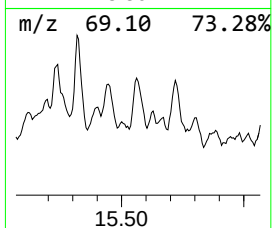
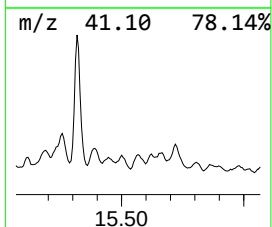
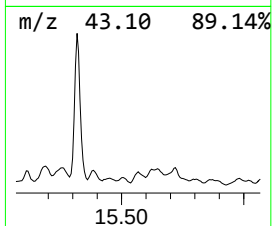
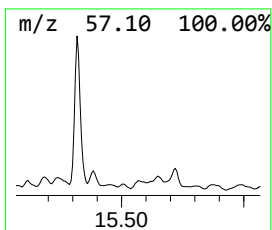
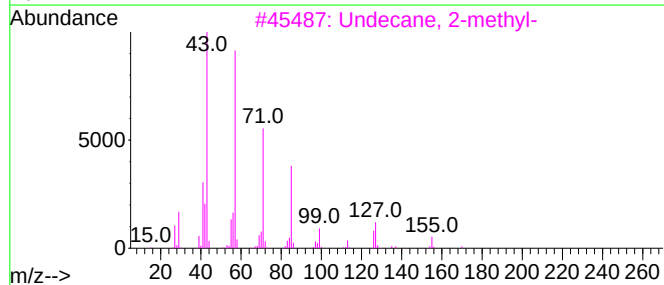
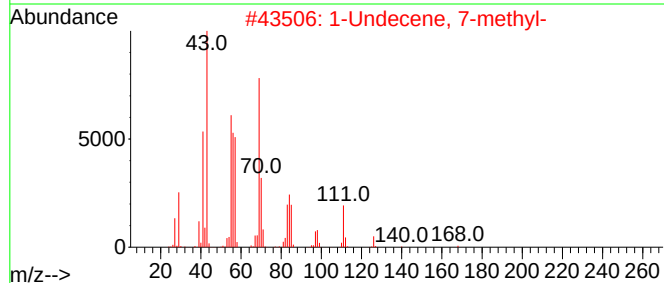
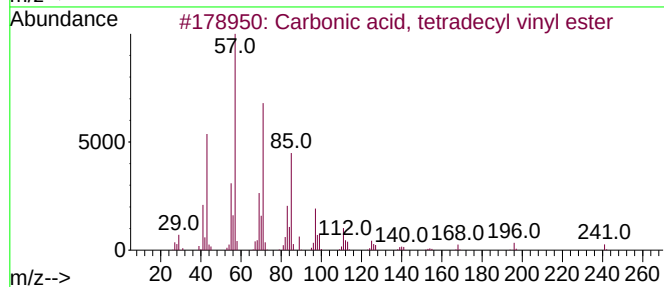
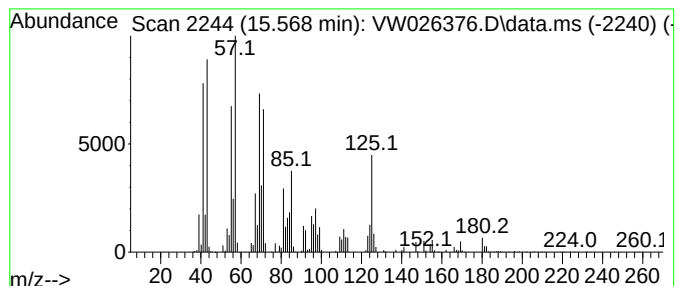
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 unknown-06

Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.568	20.06 ug/L	854201	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	30
2			1-Undecene, 7-methyl-	168	C12H24	074630-42-5	25
3			Undecane, 2-methyl-	170	C12H26	007045-71-8	25
4			Tridecane, 2-methyl-	198	C14H30	001560-96-9	25
5			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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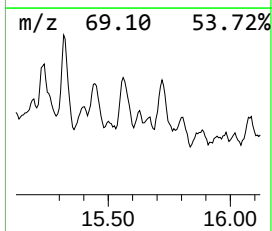
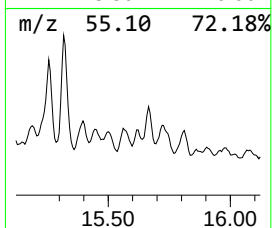
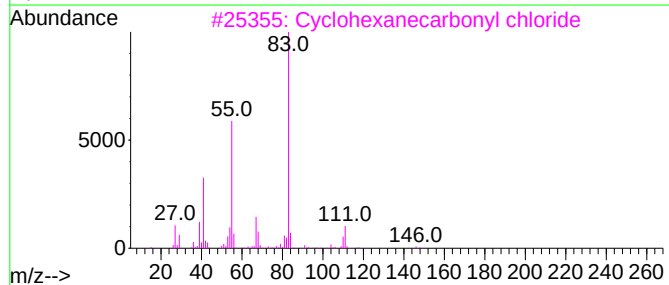
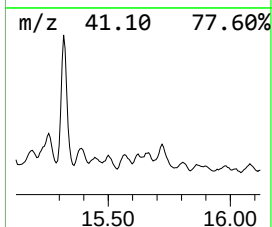
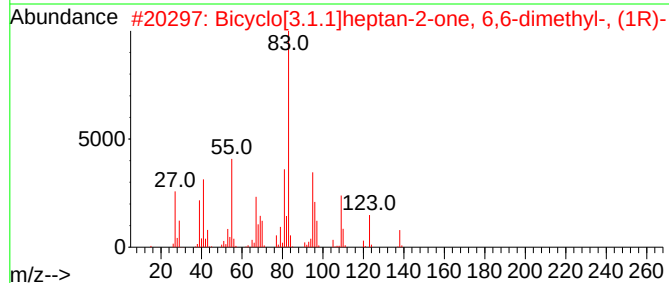
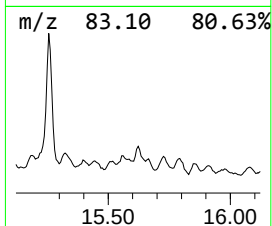
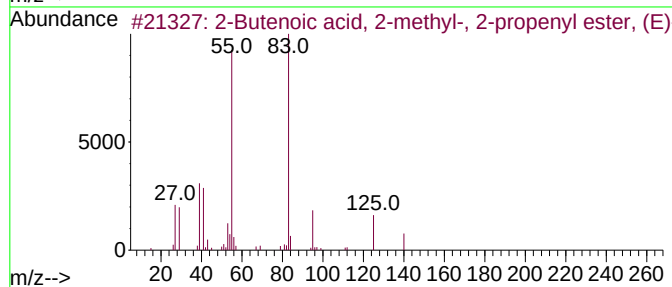
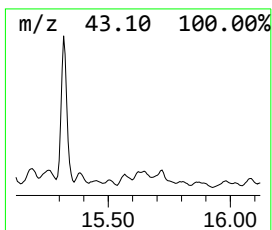
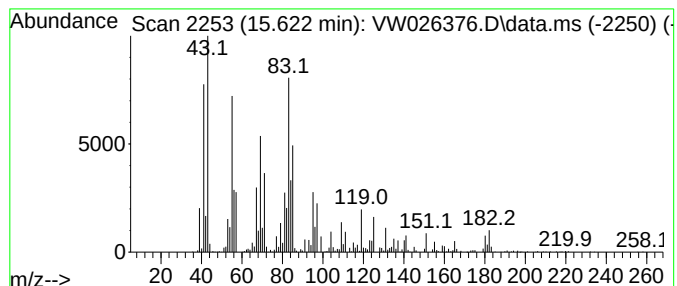
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Quant Title : SFAM01.0

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

Peak Number 56 unknown-07 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.622	10.81 ug/L	460439	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Butenoic acid, 2-methyl-, 2-pr...	140	C8H12O2	007493-71-2	38
2			Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	35
3			Cyclohexanecarbonyl chloride	146	C7H11ClO	002719-27-9	27
4			Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	024903-95-5	27
5			4-Nonene, 5-butyl-	182	C13H26	007367-38-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

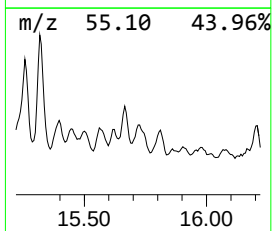
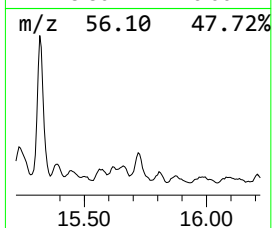
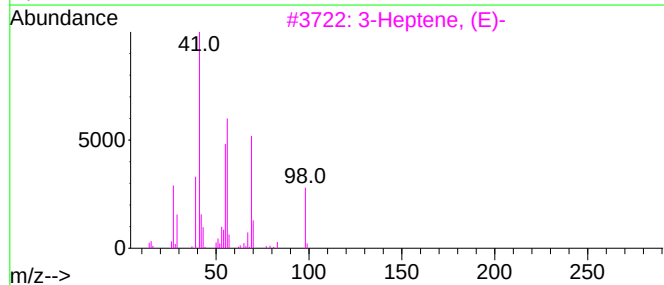
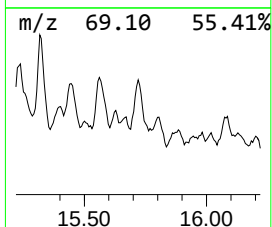
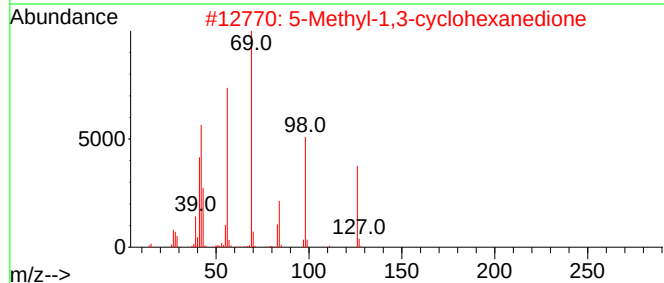
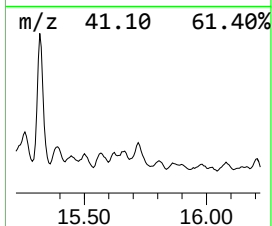
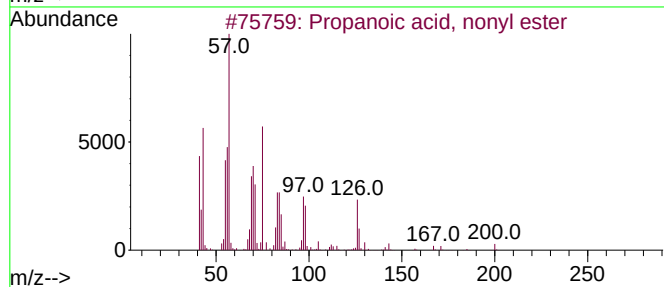
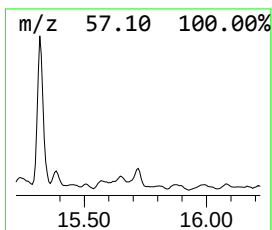
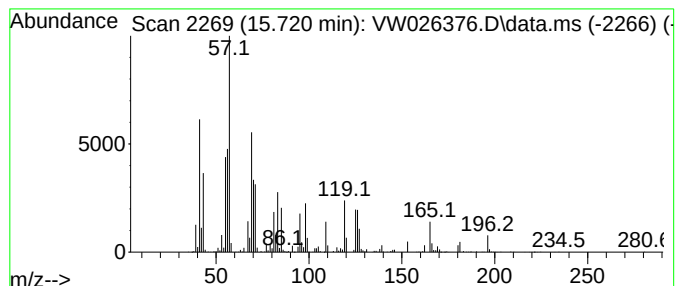
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Quant Title : SFAM01.0

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

Peak Number 57 unknown-08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	38.35 ug/L	1633200	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propanoic acid, nonyl ester	200	C12H24O2	053184-67-1	43
2		5-Methyl-1,3-cyclohexanedione	126	C7H10O2	004341-24-6	35
3		3-Heptene, (E)-	98	C7H14	014686-14-7	25
4		(Z)-3-Heptene	98	C7H14	007642-10-6	25
5		2-Heptene	98	C7H14	000592-77-8	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026376.D
Acq On : 28 Jun 2023 00:49
Operator : SY/MD
Sample : 03420-15
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46F0

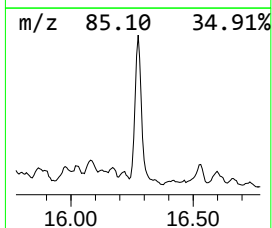
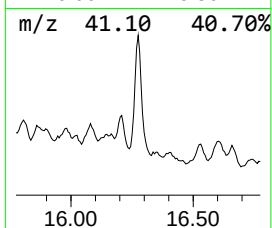
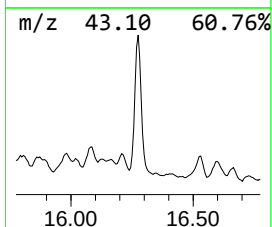
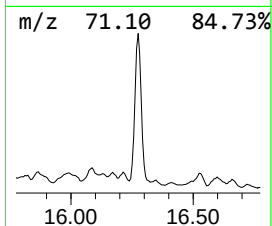
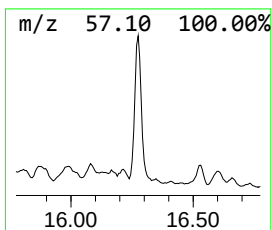
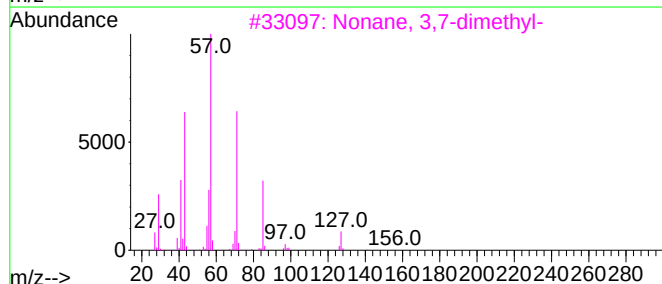
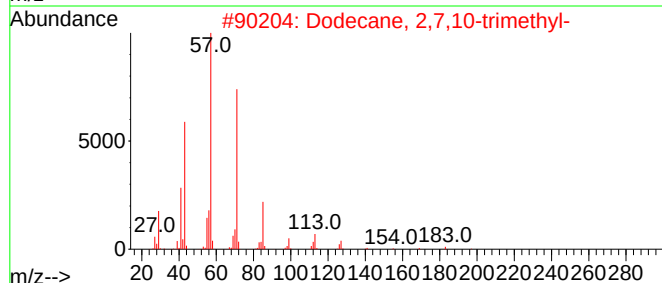
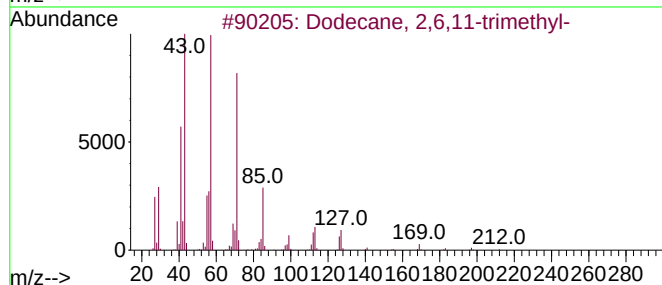
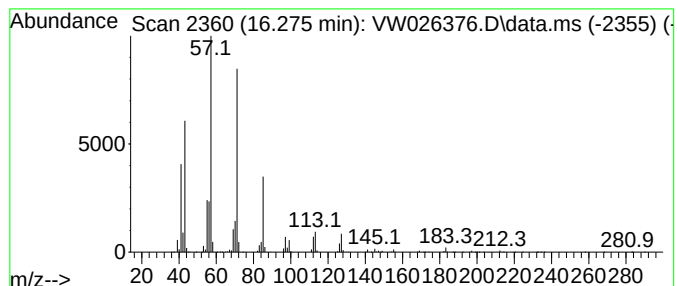
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Quant Title : SFAM01.0

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

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	79.68 ug/L	3393510	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026376.D
 Acq On : 28 Jun 2023 00:49
 Operator : SY/MD
 Sample : 03420-15
 Misc : 5.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46F0

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: C...	10.666	1.3	ug/L	131265	2	11.629	2467120	25.0
(DEL) Alkane: C...	10.764	1.4	ug/L	135579	2	11.629	2467120	25.0
(DEL) Alkane: S...	10.843	1.5	ug/L	149220	2	11.629	2467120	25.0
(DEL) Alkane: S...	11.032	4.0	ug/L	396205	2	11.629	2467120	25.0
(DEL) Alkane: C...	11.111	1.3	ug/L	124490	2	11.629	2467120	25.0
(DEL) Alkane: C...	11.178	2.1	ug/L	209148	2	11.629	2467120	25.0
(DEL) Alkane: C...	11.227	7.7	ug/L	756804	2	11.629	2467120	25.0
(DEL) Alkane: S...	11.337	7.1	ug/L	698241	2	11.629	2467120	25.0
(DEL) Alkane: S...	11.379	2.0	ug/L	199585	2	11.629	2467120	25.0
(DEL) Alkane: C...	11.434	4.8	ug/L	479105	2	11.629	2467120	25.0
(DEL) Alkane: S...	11.507	4.3	ug/L	421955	2	11.629	2467120	25.0
(DEL) Alkane: C...	11.763	1.9	ug/L	191792	2	11.629	2467120	25.0
(DEL) Alkane: C...	11.812	4.7	ug/L	465512	2	11.629	2467120	25.0
(DEL) Alkane: C...	11.873	9.3	ug/L	921504	2	11.629	2467120	25.0
(DEL) Alkane: C...	11.916	5.0	ug/L	489382	2	11.629	2467120	25.0
(DEL) Alkane: C...	11.971	2.0	ug/L	196596	2	11.629	2467120	25.0
(DEL) Alkane: S...	12.056	4.6	ug/L	452686	2	11.629	2467120	25.0
(DEL) Alkane: C...	12.135	18.7	ug/L	1845630	2	11.629	2467120	25.0
unknown-01	12.184	1.9	ug/L	186979	2	11.629	2467120	25.0
(DEL) Alkane: S...	12.251	20.1	ug/L	1978160	2	11.629	2467120	25.0
(DEL) Alkane: S...	12.361	42.0	ug/L	4149190	2	11.629	2467120	25.0
(DEL) Alkane: S...	12.501	16.6	ug/L	1640490	2	11.629	2467120	25.0
Propanoic acid,...	12.617	22.6	ug/L	964132	3	13.556	1064710	25.0
(DEL) Alkane: S...	12.745	3.3	ug/L	139083	3	13.556	1064710	25.0
(DEL) Alkane: C...	12.775	36.6	ug/L	1557090	3	13.556	1064710	25.0
(DEL) Alkane: C...	12.855	28.0	ug/L	1191860	3	13.556	1064710	25.0
(DEL) Alkane: C...	12.940	85.8	ug/L	3652530	3	13.556	1064710	25.0
(DEL) Alkane: S...	12.989	22.8	ug/L	971218	3	13.556	1064710	25.0
Bicyclo[2.2.1]h...	13.044	12.2	ug/L	518259	3	13.556	1064710	25.0
(DEL) Alkane: S...	13.074	21.1	ug/L	900554	3	13.556	1064710	25.0
unknown-02	13.123	19.7	ug/L	840324	3	13.556	1064710	25.0
(DEL) Alkane: S...	13.160	33.8	ug/L	1437920	3	13.556	1064710	25.0
(DEL) Alkane: S...	13.336	19.0	ug/L	808649	3	13.556	1064710	25.0
unknown-03	13.373	3.0	ug/L	129883	3	13.556	1064710	25.0
(DEL) Alkane: C...	13.446	61.7	ug/L	2629170	3	13.556	1064710	25.0
(DEL) Alkane: C...	13.696	27.0	ug/L	1150820	3	13.556	1064710	25.0
Sulfurous acid,...	13.915	34.1	ug/L	1453630	3	13.556	1064710	25.0
(DEL) Alkane: S...	13.976	25.8	ug/L	1099140	3	13.556	1064710	25.0
(DEL) Alkane: S...	14.190	26.9	ug/L	1145770	3	13.556	1064710	25.0
(DEL) Alkane: S...	14.257	35.5	ug/L	1510370	3	13.556	1064710	25.0
(DEL) Alkane: S...	14.312	13.1	ug/L	556578	3	13.556	1064710	25.0
6-Dodecyne	14.379	95.4	ug/L	4062390	3	13.556	1064710	25.0
(DEL) Alkane: S...	14.489	10.2	ug/L	435617	3	13.556	1064710	25.0
trans-Decalin, ...	14.543	34.8	ug/L	1481730	3	13.556	1064710	25.0
(DEL) Alkane: S...	14.653	12.8	ug/L	545325	3	13.556	1064710	25.0
1-Hexadecanol	14.732	18.3	ug/L	779687	3	13.556	1064710	25.0
(DEL) Alkane: C...	14.793	52.9	ug/L	2252530	3	13.556	1064710	25.0
unknown-04	14.842	82.5	ug/L	3514430	3	13.556	1064710	25.0
(DEL) Alkane: S...	15.116	9.4	ug/L	400259	3	13.556	1064710	25.0
(DEL) Alkane: C...	15.257	33.6	ug/L	1430980	3	13.556	1064710	25.0
(DEL) Alkane: S...	15.318	170.1	ug/L	7245270	3	13.556	1064710	25.0
unknown-05	15.391	35.7	ug/L	1522000	3	13.556	1064710	25.0

unknown-06	15.568	20.1	ug/L	854201	3	13.556	1064710	25.0
unknown-07	15.622	10.8	ug/L	460439	3	13.556	1064710	25.0
unknown-08	15.720	38.4	ug/L	1633200	3	13.556	1064710	25.0
(DEL) Alkane: S...	16.275	79.7	ug/L	3393510	3	13.556	1064710	25.0

Instrument :
MSVOA_W
ClientSampleId :
A46F0