

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026343.D
 Acq On : 27 Jun 2023 10:38
 Operator : SY/MD
 Sample : 03421-02
 Misc : 5.54g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4634

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: VW026343.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	38	42	47	rBV	9840	13777	0.18%	0.019%
2	2.363	71	78	89	rBV	157847	380468	4.86%	0.525%
3	2.564	109	111	117	rVB7	8313	14263	0.18%	0.020%
4	2.893	157	165	182	rBV	109448	313249	4.00%	0.432%
5	4.021	335	350	359	rBV	295688	915439	11.69%	1.262%
6	4.119	359	366	378	rVB	187633	516252	6.59%	0.712%
7	4.393	403	411	419	rVB2	13922	43874	0.56%	0.060%
8	4.917	488	497	505	rBV6	8420	30665	0.39%	0.042%
9	5.783	630	639	646	rBV8	6767	21140	0.27%	0.029%
10	5.941	655	665	676	rVB10	7425	25706	0.33%	0.035%
11	7.075	843	851	858	rVV	106649	298731	3.81%	0.412%
12	7.167	860	866	878	rVV	85393	258405	3.30%	0.356%
13	7.648	935	945	961	rBV	464773	1152417	14.71%	1.589%
14	8.154	1021	1028	1037	rBV6	9054	22757	0.29%	0.031%
15	8.276	1037	1048	1064	rBV2	936021	2840440	36.26%	3.917%
16	8.843	1131	1141	1151	rBV	882639	1756236	22.42%	2.422%
17	9.069	1173	1178	1186	rBV6	7886	16568	0.21%	0.023%
18	9.276	1203	1212	1218	rBV	664108	1358215	17.34%	1.873%
19	9.331	1218	1221	1226	rVV2	46668	86184	1.10%	0.119%
20	9.380	1226	1229	1237	rVB3	18157	36011	0.46%	0.050%
21	9.612	1257	1267	1272	rVB5	11782	30419	0.39%	0.042%
22	9.758	1282	1291	1297	rVB3	27765	57277	0.73%	0.079%
23	9.892	1306	1313	1318	rBV2	28301	58216	0.74%	0.080%
24	9.953	1318	1323	1325	rBV3	11619	17310	0.22%	0.024%
25	9.989	1325	1329	1331	rBV2	18171	22776	0.29%	0.031%
26	10.032	1331	1336	1343	rVV	301156	526003	6.71%	0.725%
27	10.087	1343	1345	1350	rVB3	15792	27224	0.35%	0.038%
28	10.209	1359	1365	1367	rBV7	7177	12544	0.16%	0.017%
29	10.246	1367	1371	1376	rVB	27273	47074	0.60%	0.065%
30	10.325	1376	1384	1400	rBV	1175261	2176881	27.79%	3.002%
31	10.441	1400	1403	1407	rVV4	9031	15307	0.20%	0.021%
32	10.495	1407	1412	1420	rVB5	28699	77295	0.99%	0.107%
33	10.575	1420	1425	1435	rBV	204042	385053	4.92%	0.531%
34	10.666	1435	1440	1449	rVB2	50096	96038	1.23%	0.132%
35	10.764	1449	1456	1465	rBV6	35340	108721	1.39%	0.150%
36	10.843	1465	1469	1475	rVB2	41928	72815	0.93%	0.100%

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

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

37	10.928	1475	1483	1492	rBV2	416940	808154	10.32%	1.114%
38	11.032	1495	1500	1508	rVV	73207	147933	1.89%	0.204%
39	11.111	1508	1513	1516	rBV	22730	34920	0.45%	0.048%
40	11.178	1519	1524	1527	rVV	72993	113064	1.44%	0.156%
41	11.227	1527	1532	1538	rVB	119562	211086	2.69%	0.291%
42	11.282	1538	1541	1545	rVB2	19162	23538	0.30%	0.032%
43	11.337	1545	1550	1554	rBV2	85844	141299	1.80%	0.195%
44	11.379	1554	1557	1559	rVV2	37953	57426	0.73%	0.079%
45	11.434	1563	1566	1573	rVB	67078	110828	1.41%	0.153%
46	11.508	1573	1578	1583	rBV	88150	145090	1.85%	0.200%
47	11.629	1589	1598	1605	rBV	908994	1571022	20.05%	2.166%
48	11.697	1606	1609	1616	rVB2	20345	35063	0.45%	0.048%
49	11.764	1616	1620	1623	rBV2	33574	46619	0.60%	0.064%
50	11.812	1623	1628	1633	rBV5	49876	93614	1.20%	0.129%
51	11.873	1633	1638	1642	rBV	152382	263168	3.36%	0.363%
52	11.916	1642	1645	1650	rVB3	80767	129827	1.66%	0.179%
53	11.971	1650	1654	1656	rBV3	31844	50057	0.64%	0.069%
54	12.001	1656	1659	1663	rBV3	13796	23840	0.30%	0.033%
55	12.062	1664	1669	1673	rVB2	90848	154460	1.97%	0.213%
56	12.135	1673	1681	1687	rBV5	270825	623713	7.96%	0.860%
57	12.251	1692	1700	1704	rVB	419369	739457	9.44%	1.020%
58	12.361	1704	1718	1725	rBV4	389597	1478421	18.87%	2.039%
59	12.501	1734	1741	1750	rVB3	265266	743856	9.50%	1.026%
60	12.587	1750	1755	1759	rBV	265620	464207	5.93%	0.640%
61	12.690	1765	1772	1778	rBV2	586068	1205679	15.39%	1.662%
62	12.776	1778	1786	1792	rVB5	380352	1031617	13.17%	1.422%
63	12.861	1792	1800	1805	rBV6	193355	502805	6.42%	0.693%
64	12.940	1805	1813	1819	rBV6	525003	1551254	19.80%	2.139%
65	13.074	1831	1835	1839	rBV	307202	447698	5.72%	0.617%
66	13.123	1839	1843	1846	rBV2	230015	394614	5.04%	0.544%
67	13.160	1846	1849	1852	rBV2	320529	513847	6.56%	0.709%
68	13.288	1863	1870	1875	rBV	588496	1050666	13.41%	1.449%
69	13.343	1875	1879	1882	rVV	386508	632167	8.07%	0.872%
70	13.373	1882	1884	1886	rVV2	213548	282946	3.61%	0.390%
71	13.404	1886	1889	1892	rVV	538931	930405	11.88%	1.283%
72	13.446	1892	1896	1899	rVV2	672415	1212573	15.48%	1.672%
73	13.483	1899	1902	1910	rVV6	330899	753947	9.62%	1.040%
74	13.556	1910	1914	1917	rVV	492975	806866	10.30%	1.113%
75	13.599	1917	1921	1931	rVB2	779103	1765991	22.54%	2.435%
76	13.696	1931	1937	1942	rBV4	291395	633102	8.08%	0.873%

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 Title : SFAM01.0

77	13.763	1944	1948	1952	rVB	276605	417436	5.33%	0.576%
78	13.873	1957	1966	1970	rBV3	891348	2360894	30.14%	3.255%
79	13.916	1970	1973	1979	rVV3	432437	779070	9.95%	1.074%
80	13.977	1979	1983	1987	rVB3	407468	591815	7.55%	0.816%
81	14.190	2014	2018	2022	rBV	428568	647832	8.27%	0.893%
82	14.257	2024	2029	2035	rVV4	705178	1292794	16.50%	1.783%
83	14.312	2035	2038	2042	rVB3	308785	441288	5.63%	0.608%
84	14.379	2042	2049	2054	rBV3	1423042	2851441	36.40%	3.932%
85	14.495	2063	2068	2074	rBV3	1189214	2867951	36.61%	3.955%
86	14.733	2104	2107	2112	rBV4	371537	611764	7.81%	0.844%
87	14.794	2113	2117	2121	rVV2	810799	1435419	18.32%	1.979%
88	14.848	2122	2126	2131	rVB4	831376	1410000	18.00%	1.944%
89	14.922	2135	2138	2142	rBV3	336301	551128	7.04%	0.760%
90	15.117	2167	2170	2173	rVB4	357165	475687	6.07%	0.656%
91	15.178	2177	2180	2186	rVV4	534025	1180367	15.07%	1.628%
92	15.263	2190	2194	2198	rVV	929130	1756376	22.42%	2.422%
93	15.318	2198	2203	2210	rVB	4783510	7833663	100.00%	10.802%
94	15.391	2210	2215	2220	rBV5	584803	1235282	15.77%	1.703%
95	15.568	2240	2244	2249	rBV4	388739	815987	10.42%	1.125%
96	15.623	2250	2253	2256	rVV2	301721	386024	4.93%	0.532%
97	16.202	2345	2348	2354	rVB2	416759	724629	9.25%	0.999%
98	16.275	2354	2360	2369	rVB	2661952	4970430	63.45%	6.854%
99	16.531	2399	2402	2407	rVB	379887	580419	7.41%	0.800%
100	16.604	2410	2414	2419	rVV4	264785	547224	6.99%	0.755%

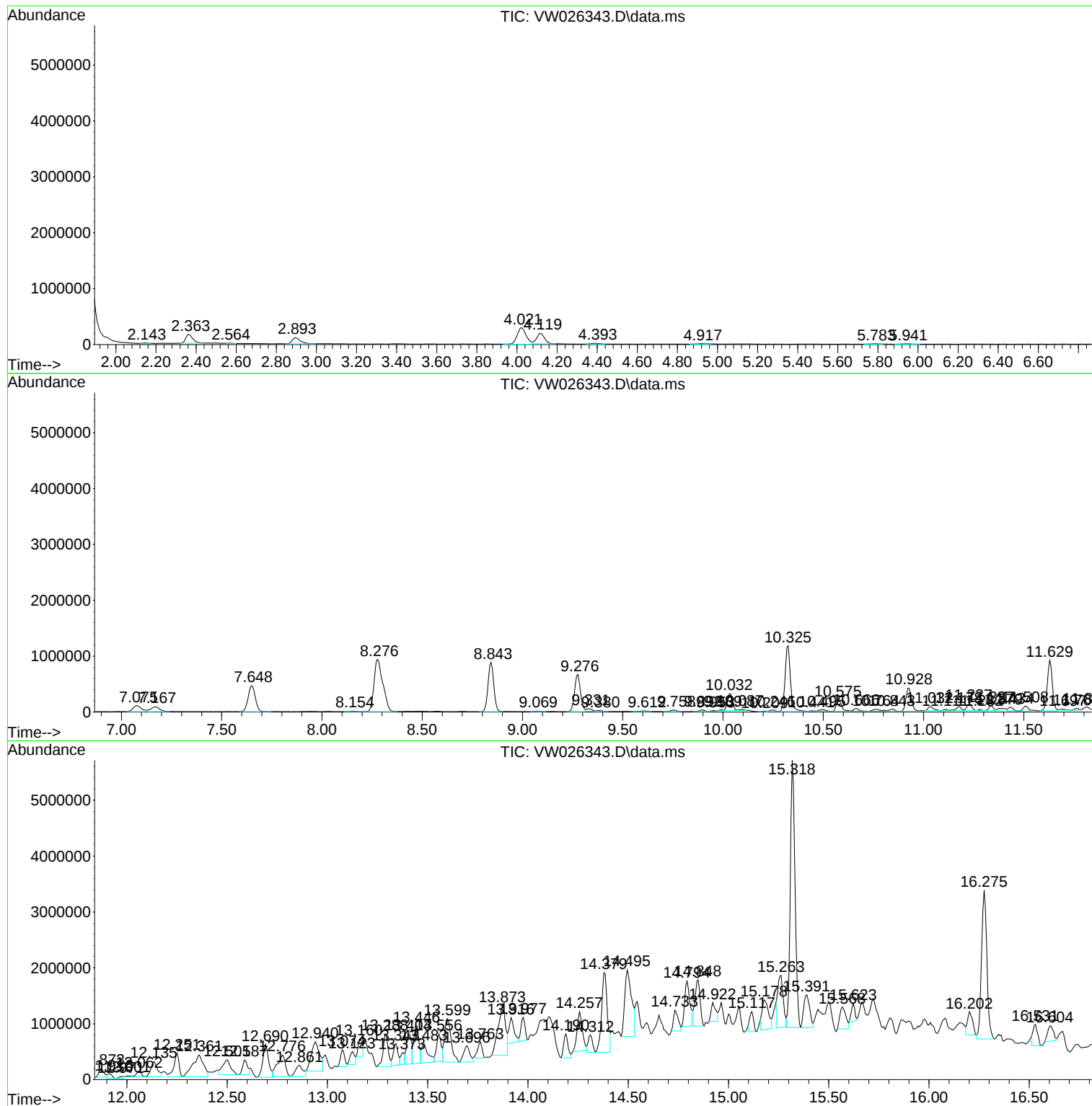
Sum of corrected areas: 72523509

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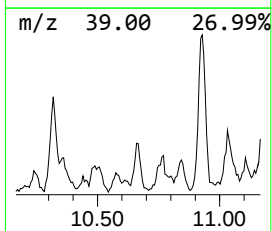
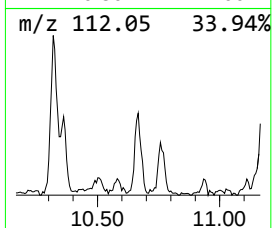
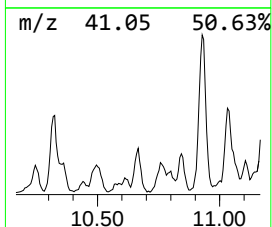
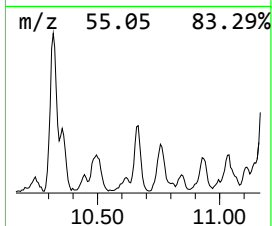
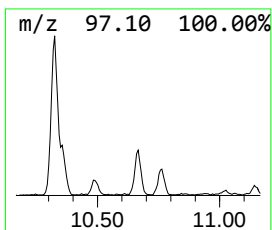
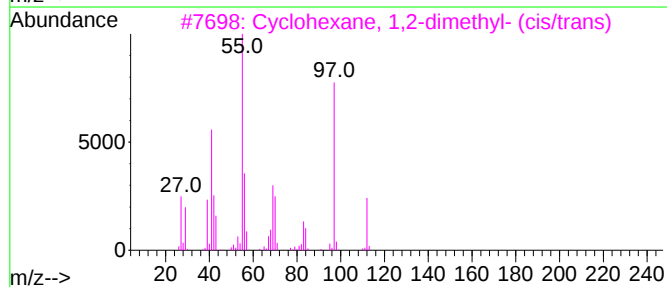
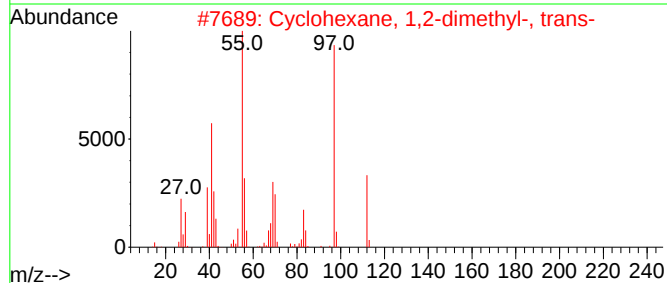
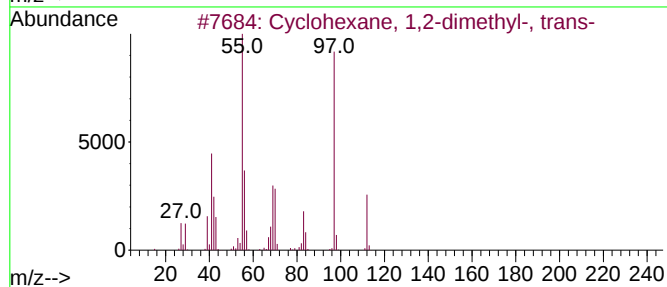
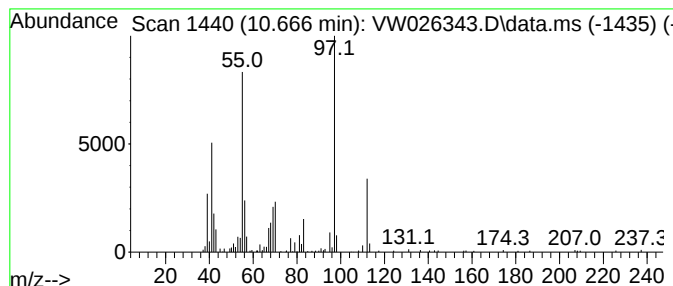
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic10.666 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	1.53 ug/L	96038	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	92
3			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
4			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
5			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90



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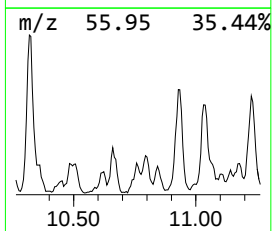
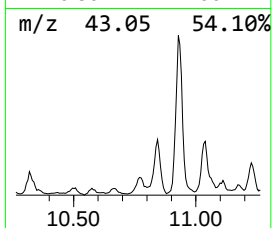
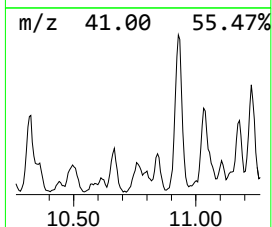
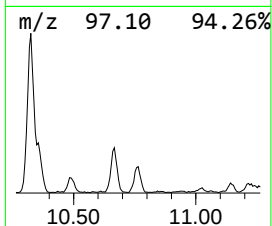
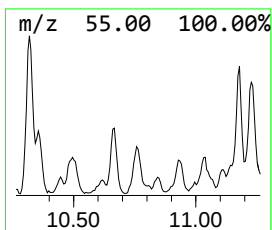
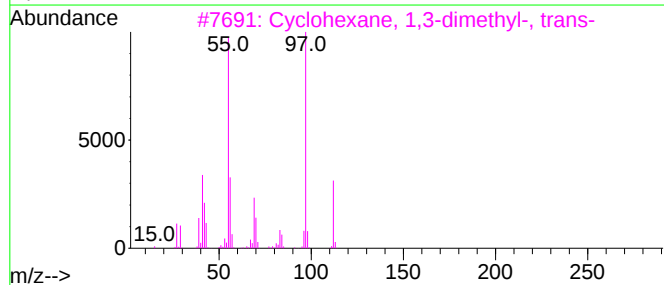
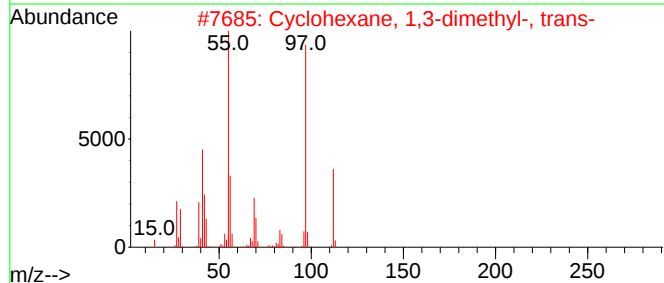
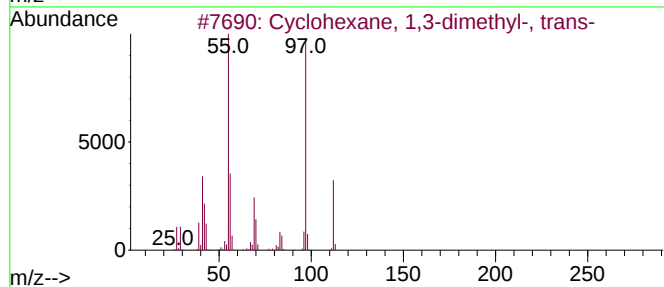
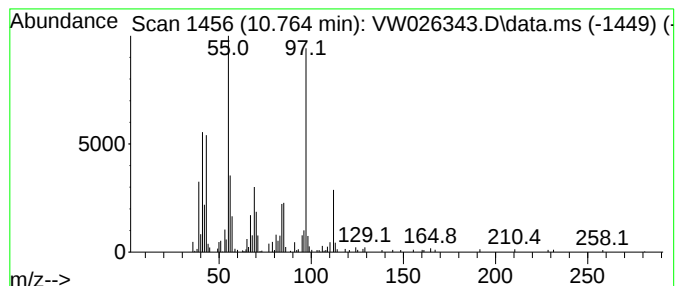
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic10.764 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.764	1.73 ug/L	108721	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
4			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	76
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	72



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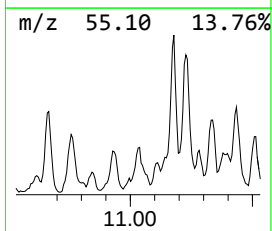
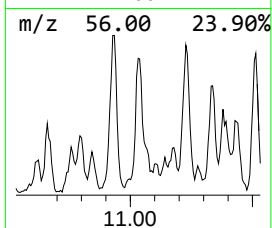
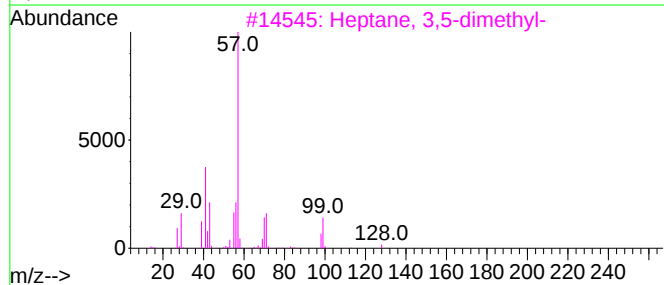
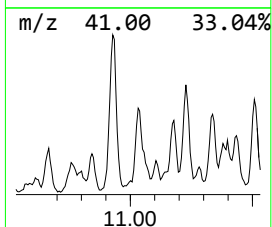
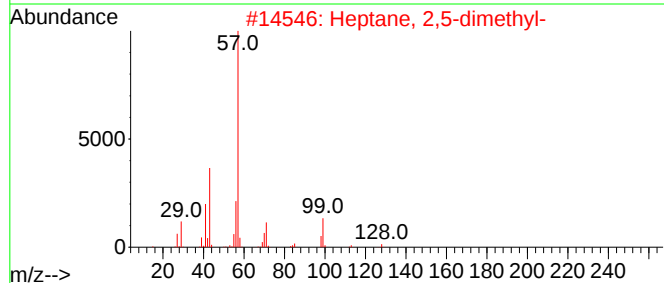
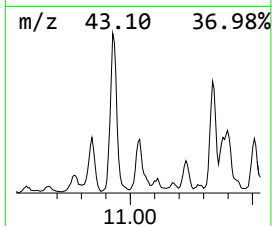
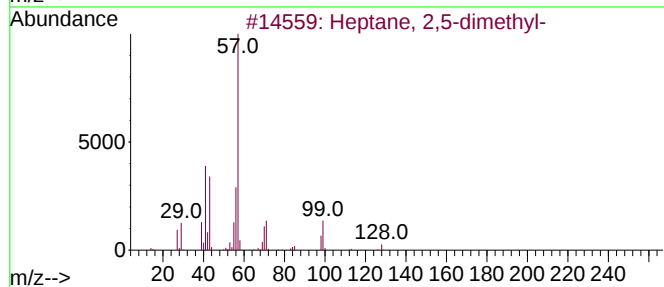
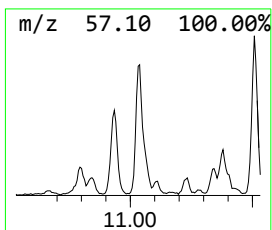
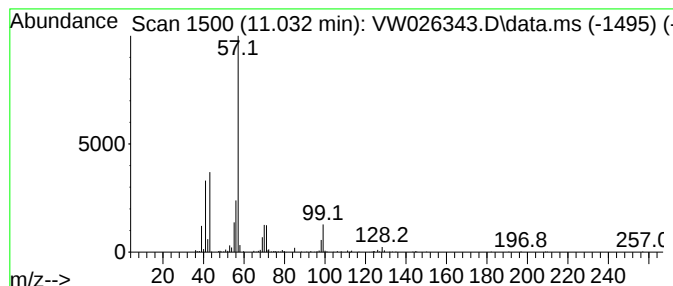
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.032	2.35 ug/L	147933	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	81
4			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
5			Octane, 3-methyl-	128	C9H20	002216-33-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

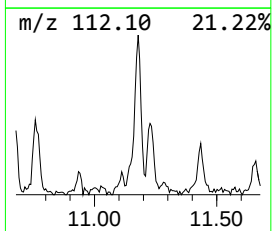
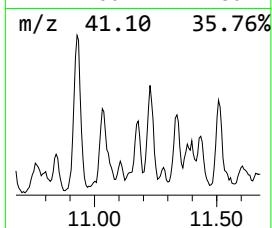
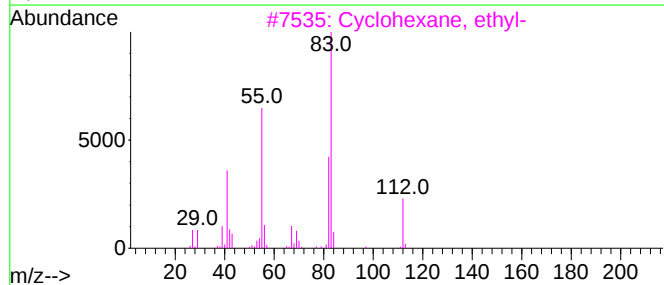
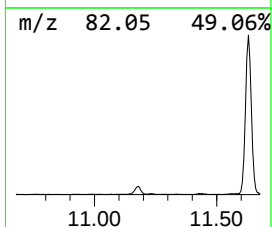
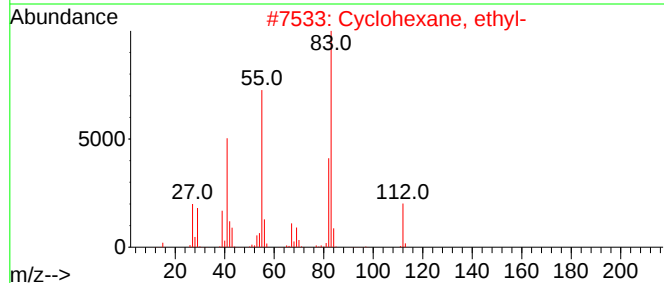
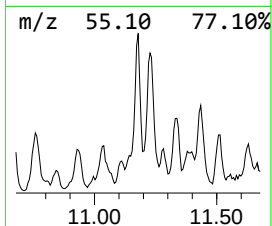
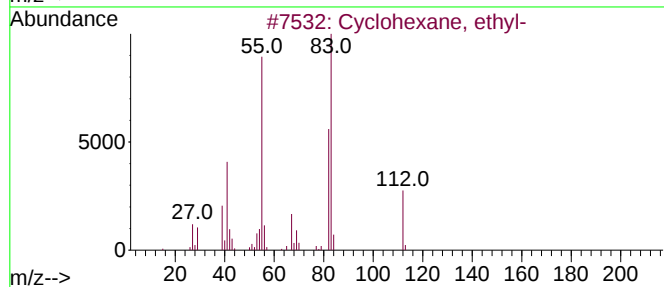
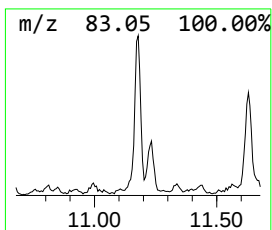
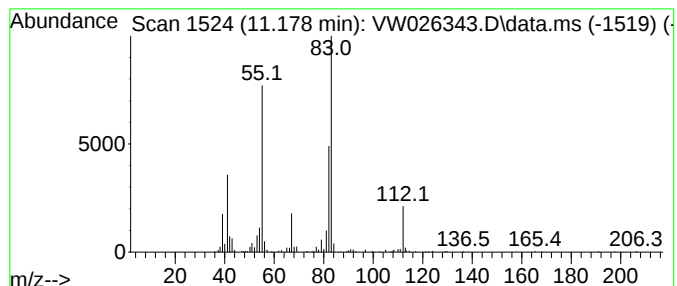
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic11.178 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	1.80 ug/L	113064	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

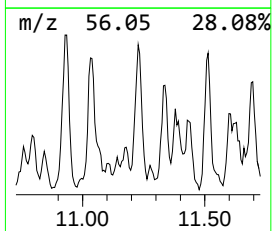
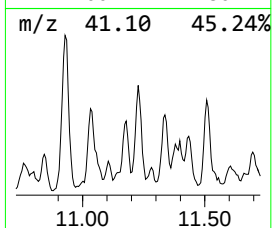
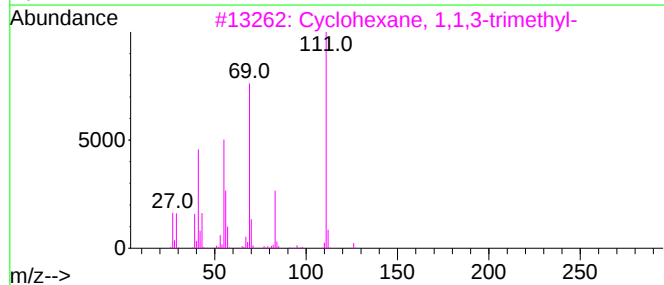
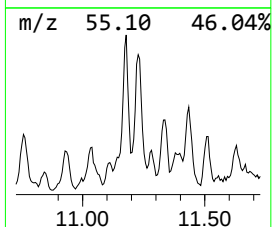
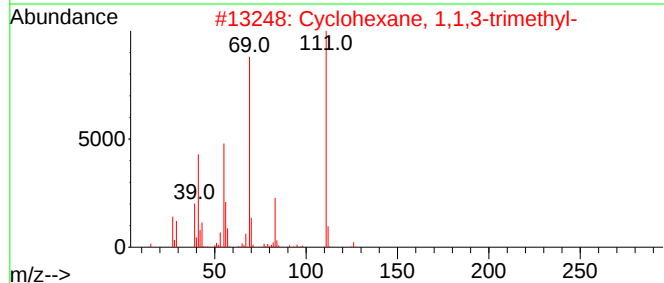
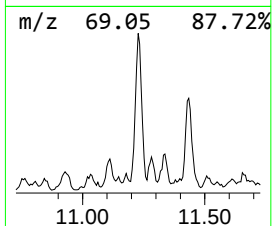
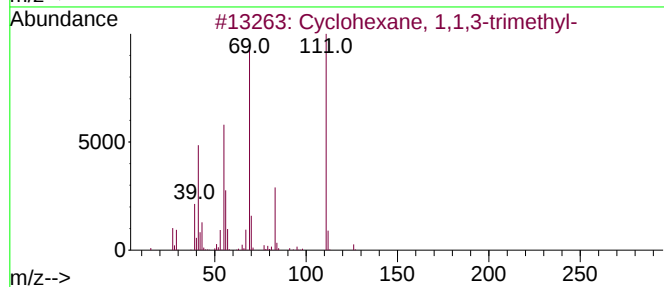
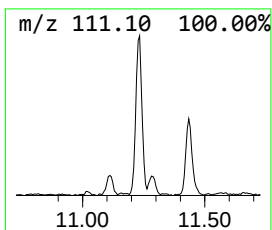
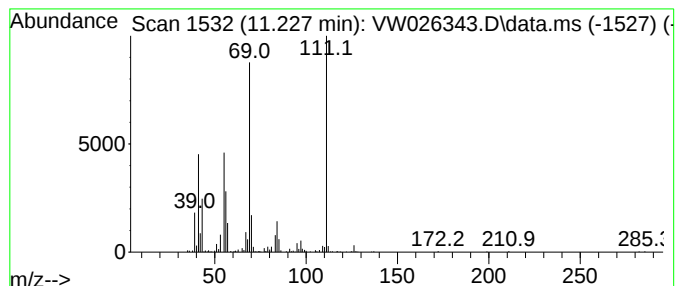
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic11.227 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	3.36 ug/L	211086	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	86
5		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

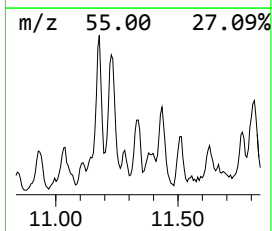
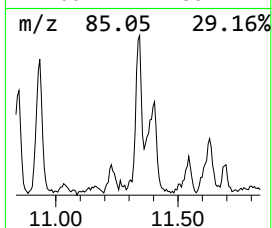
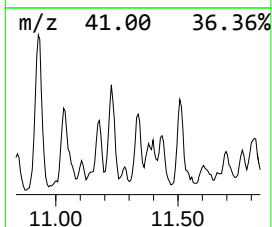
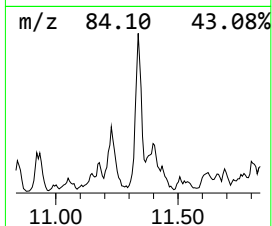
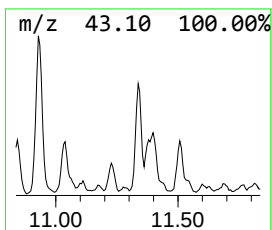
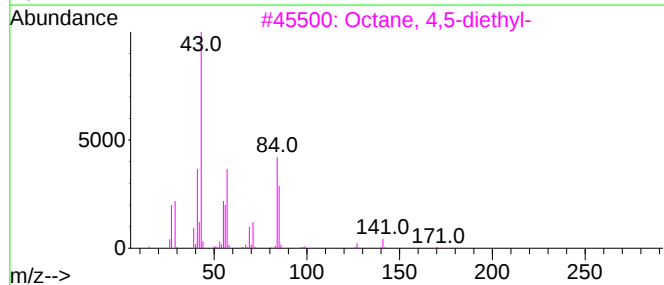
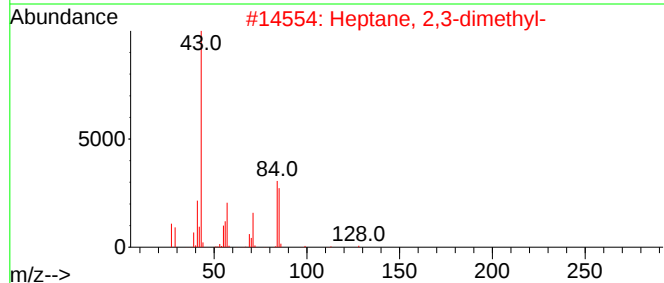
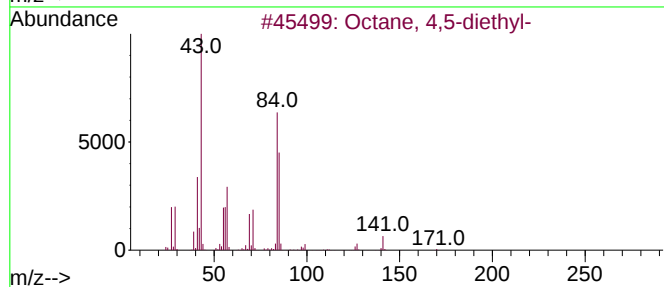
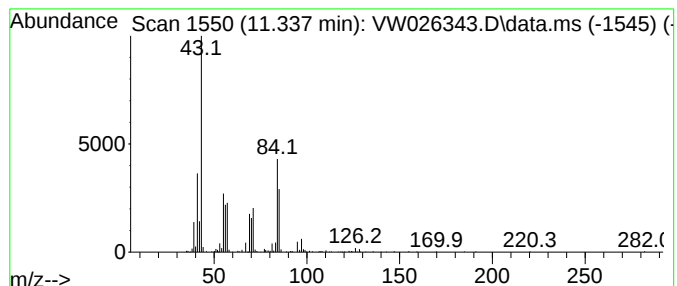
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.337	2.25 ug/L	141299	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 4,5-diethyl-	170	C12H26	001636-41-5	72
2		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
3		Octane, 4,5-diethyl-	170	C12H26	001636-41-5	64
4		Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	53
5		Nonane	128	C9H20	000111-84-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

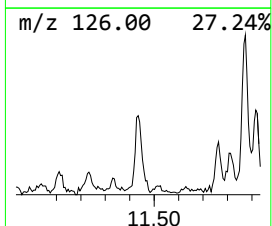
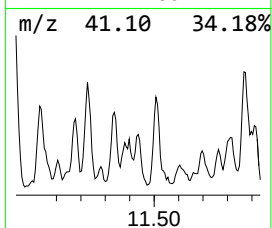
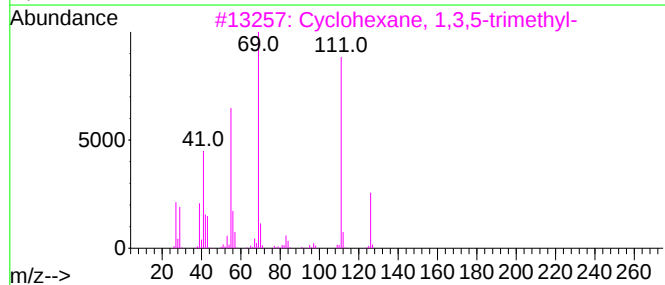
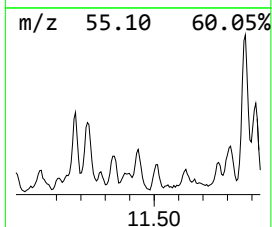
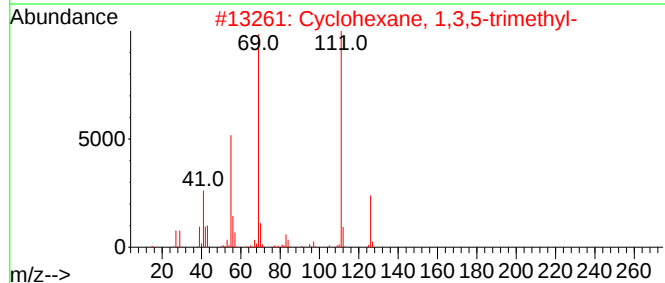
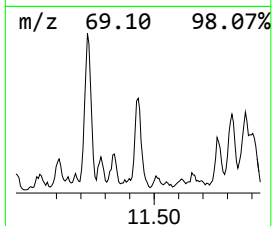
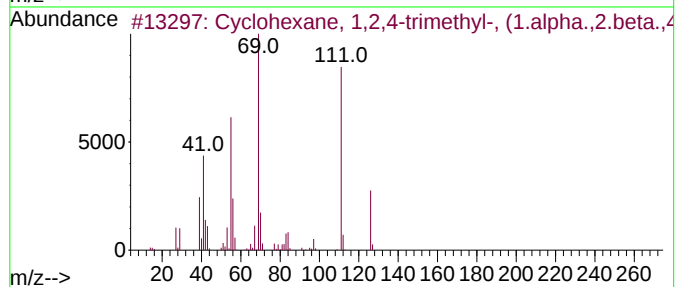
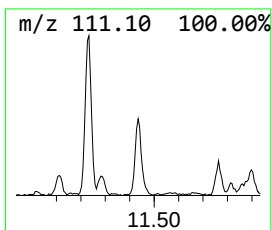
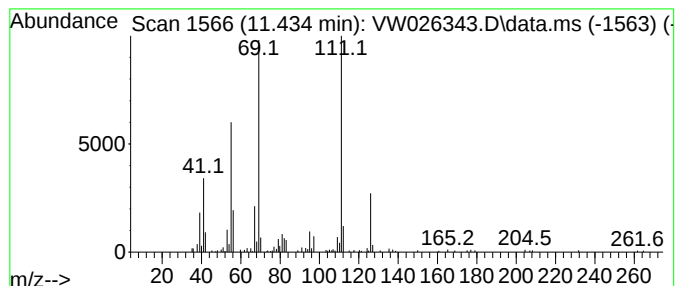
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic11.434 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.434	1.76 ug/L	110828	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	80
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

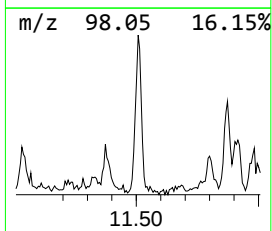
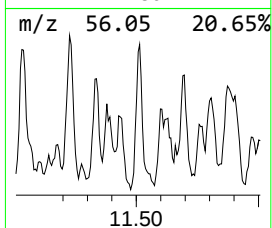
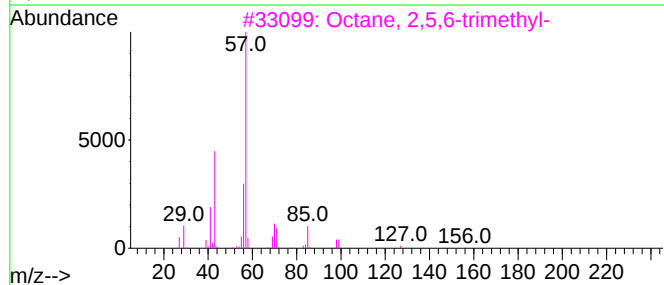
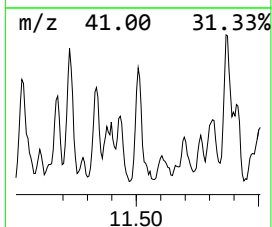
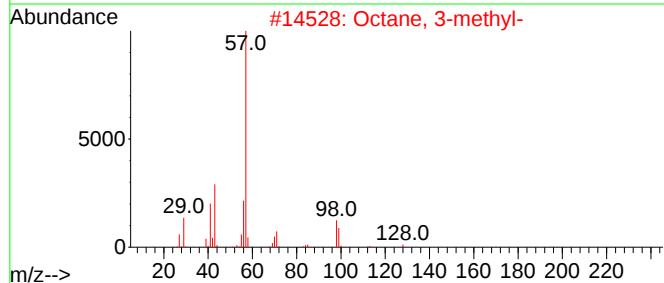
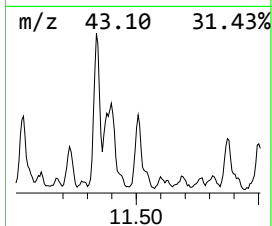
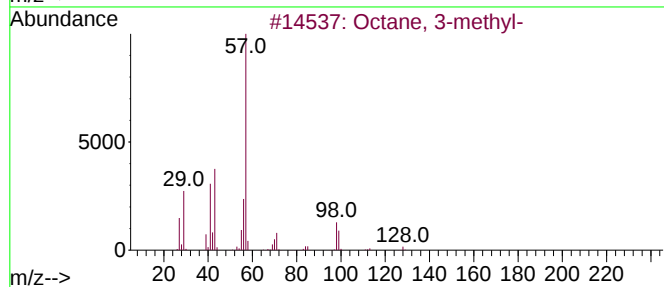
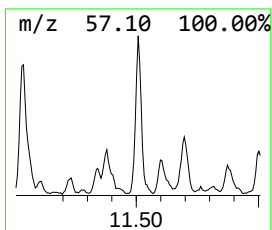
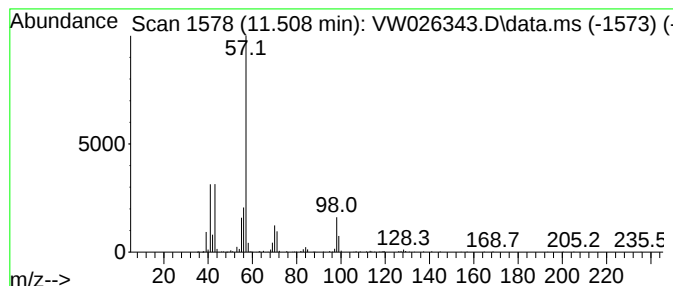
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.508	2.31 ug/L	145090	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	80
2		Octane, 3-methyl-	128	C9H20	002216-33-3	80
3		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59
4		Octane, 3-methyl-	128	C9H20	002216-33-3	59
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

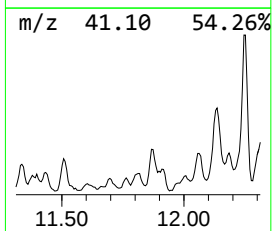
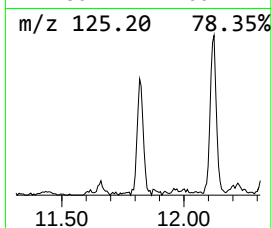
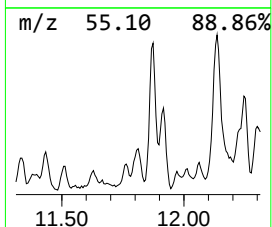
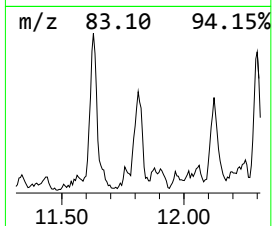
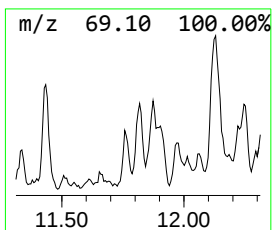
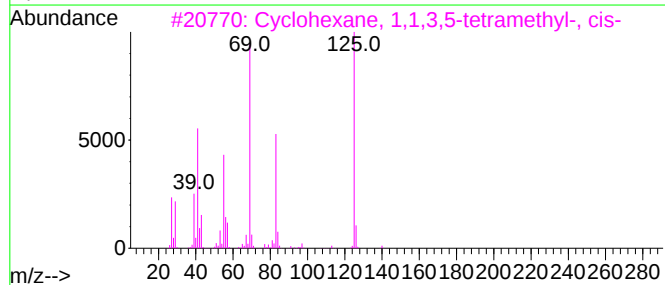
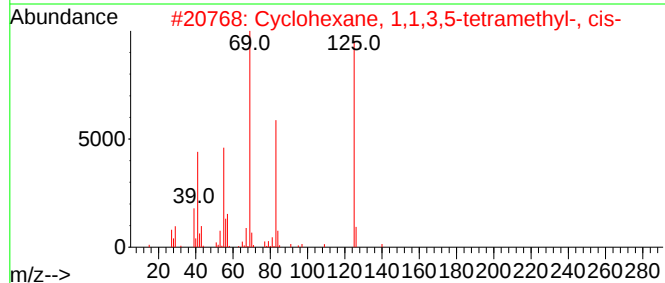
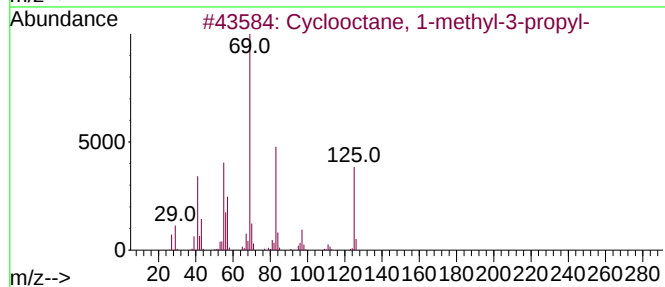
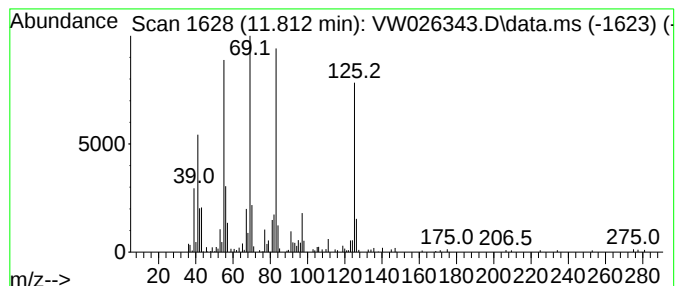
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic11.812 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.812	1.49 ug/L	93614	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	59
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	58
3			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	52
4			2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	43
5			Cycloheptanone, 3-methyl-	126	C8H14O	000933-17-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

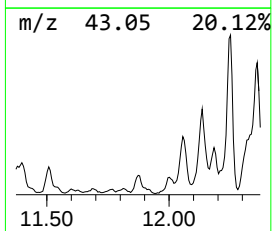
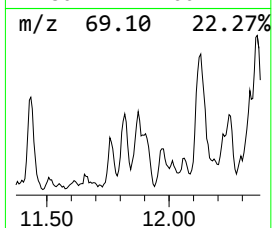
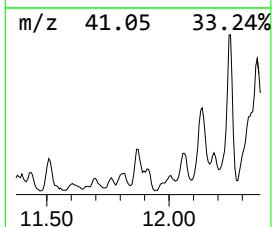
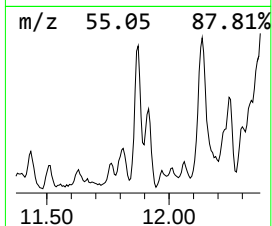
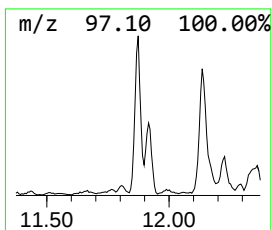
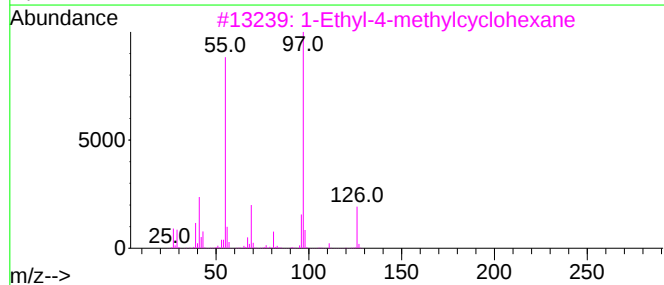
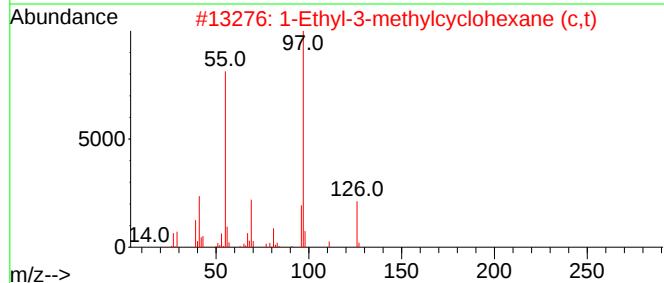
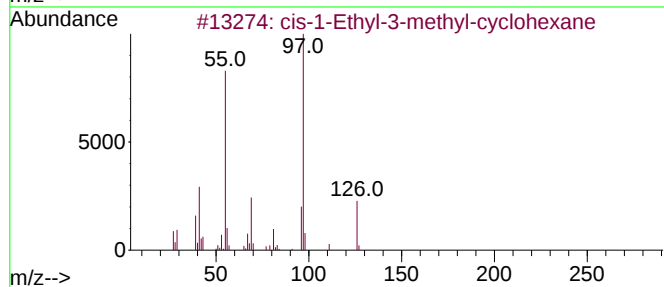
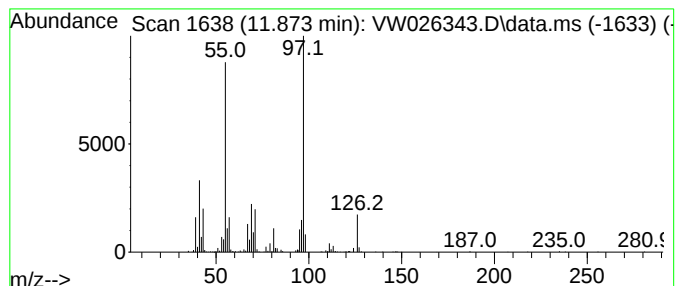
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic11.873 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.873	4.19 ug/L	263168	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	93
2			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	93
3			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	81
4			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	72
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

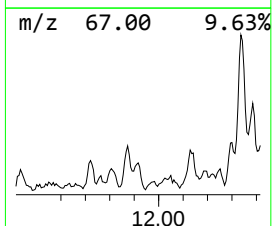
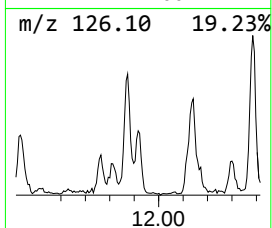
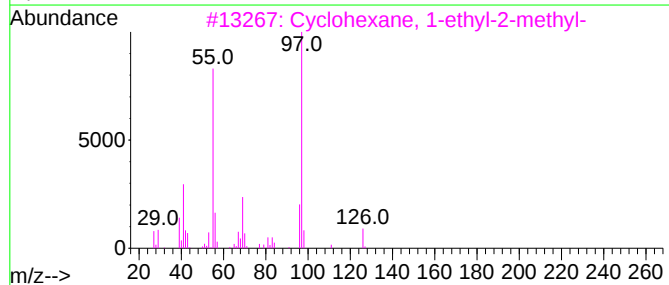
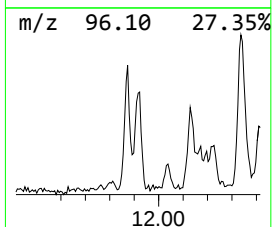
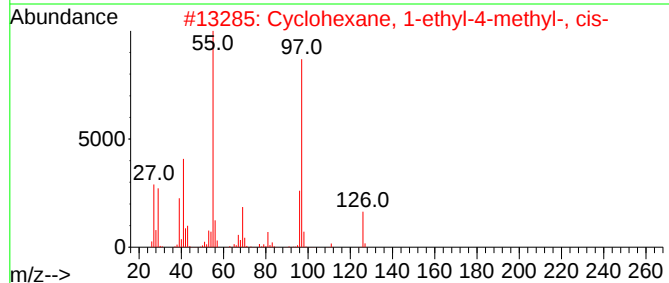
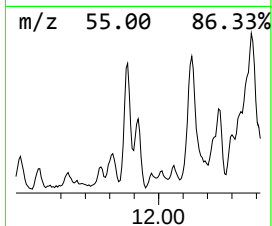
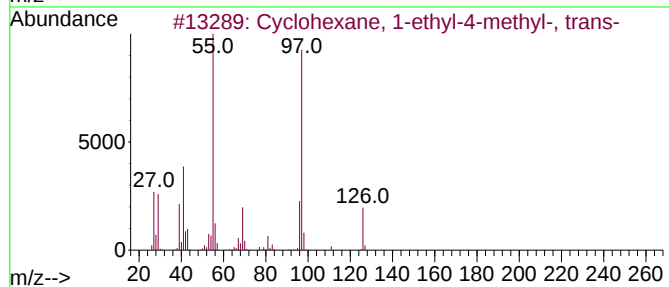
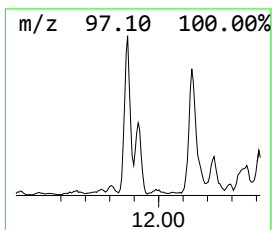
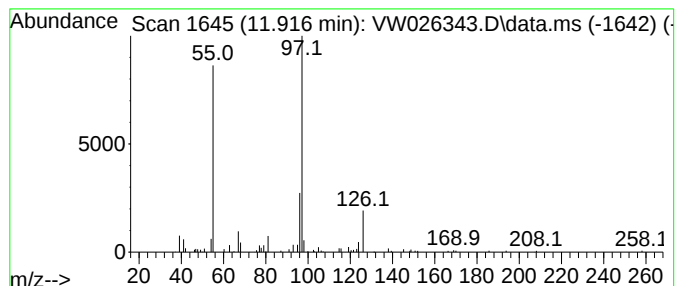
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic11.916 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.07 ug/L	129827	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	86
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	78
3			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	78
4			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

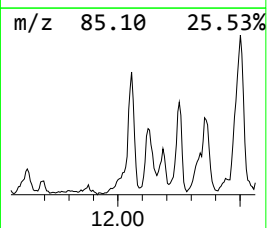
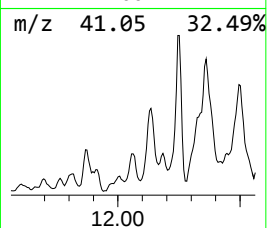
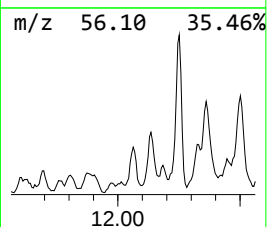
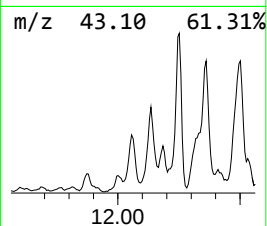
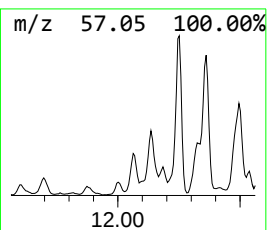
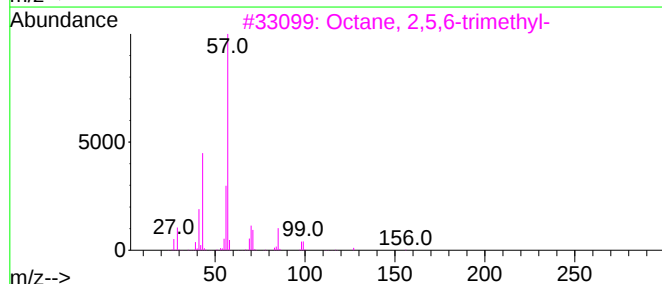
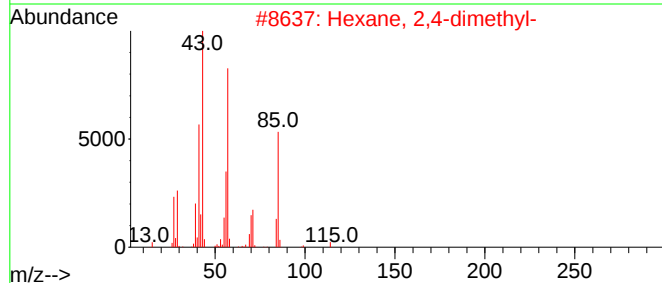
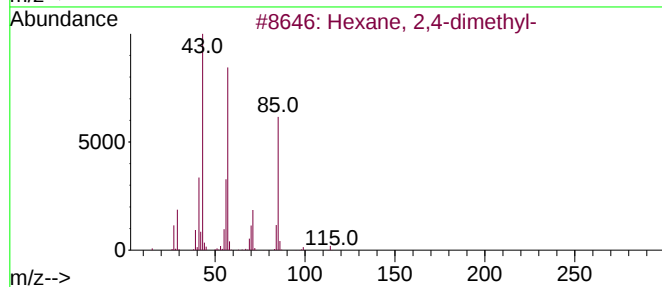
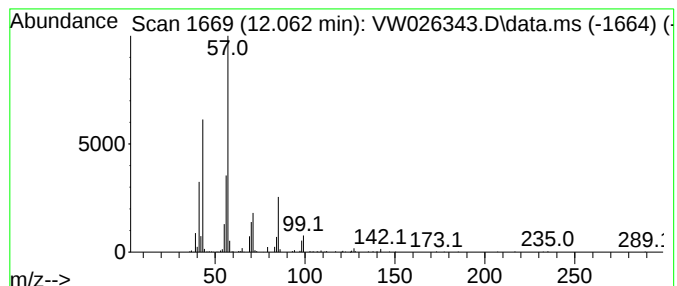
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.062	2.46 ug/L	154460	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	64
4			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	53
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

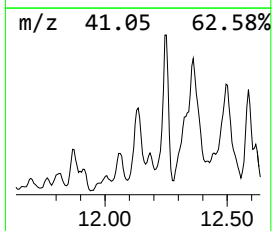
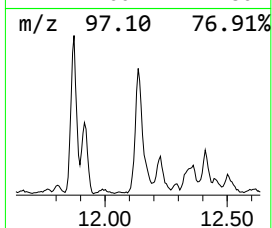
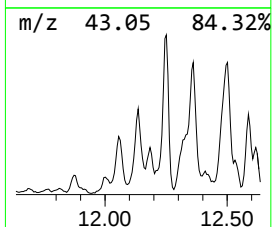
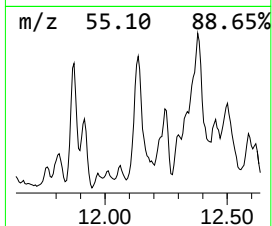
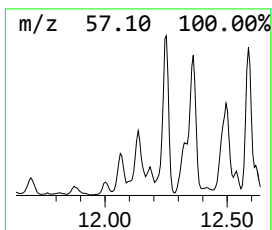
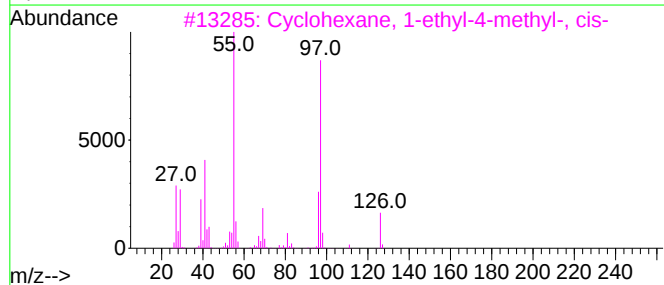
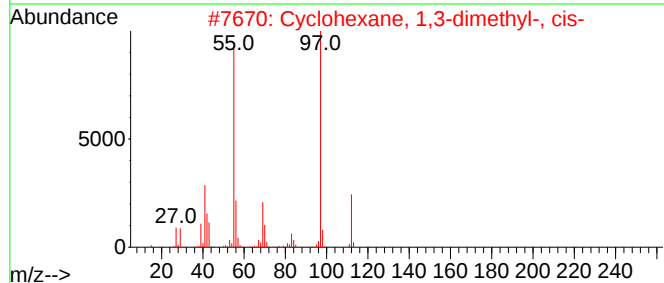
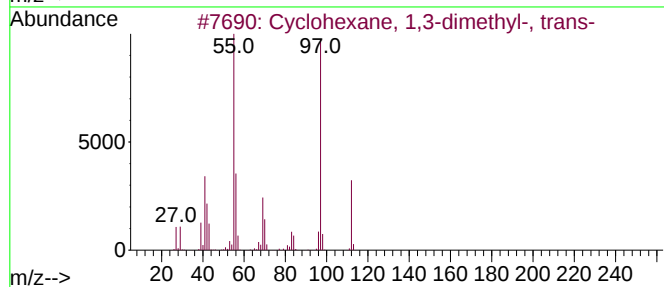
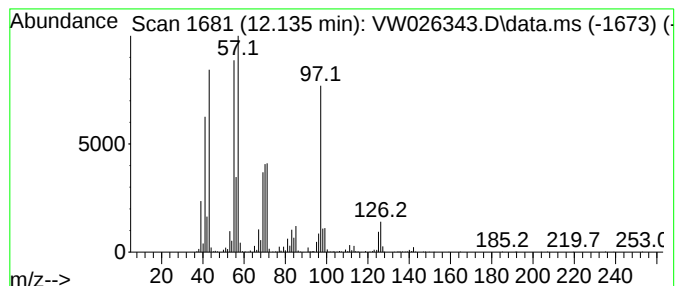
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic12.135 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	9.93 ug/L	623713	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	38
2			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	38
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

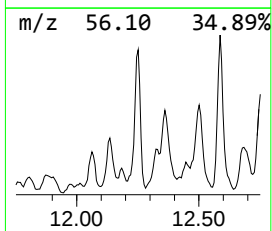
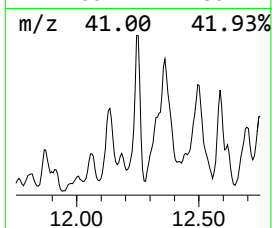
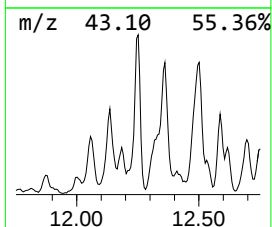
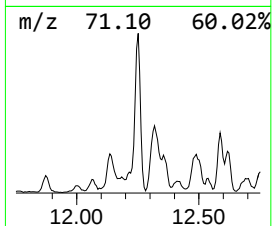
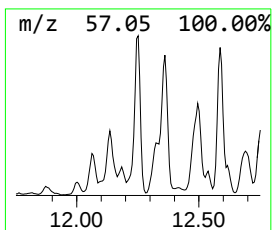
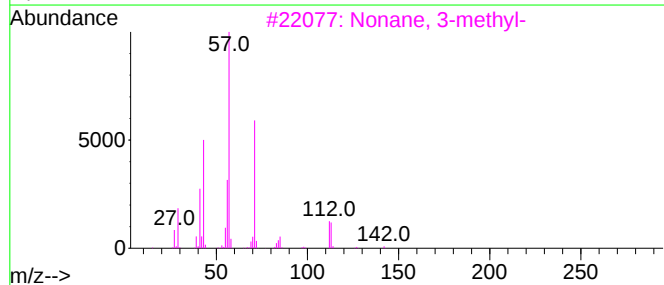
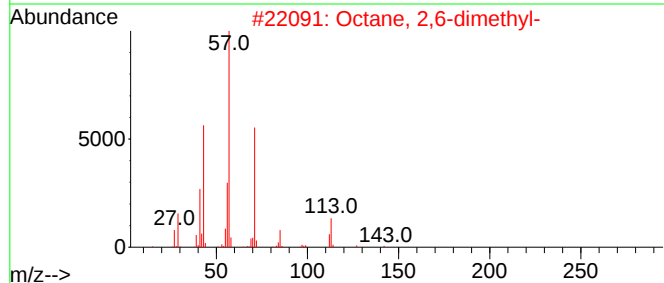
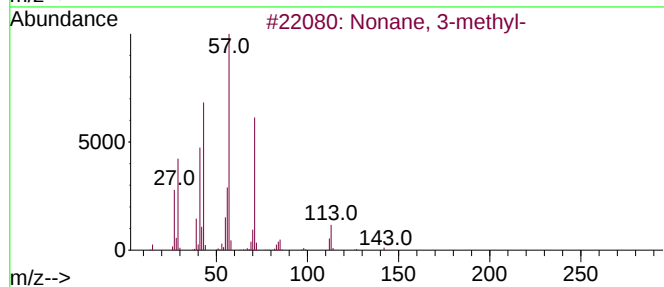
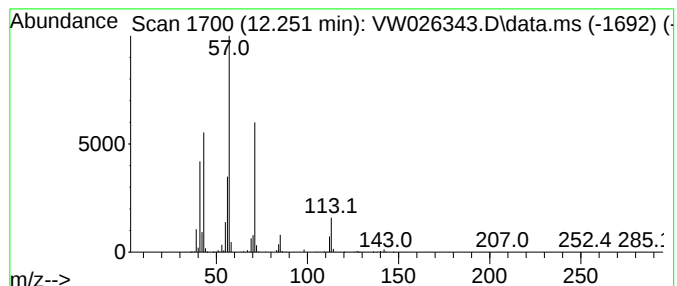
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.251	11.77 ug/L	739457	Chlorobenzene-d5		11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-		142	C10H22	005911-04-6	94
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	93
3	Nonane, 3-methyl-		142	C10H22	005911-04-6	91
4	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	87
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

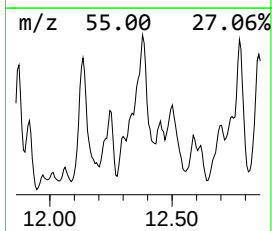
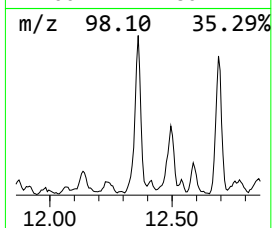
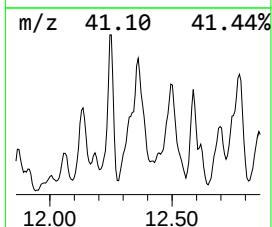
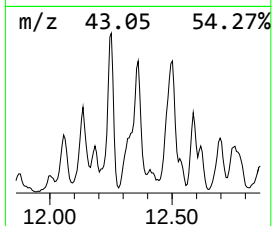
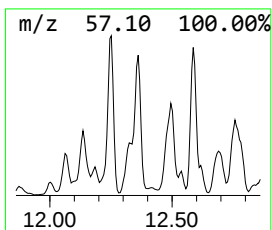
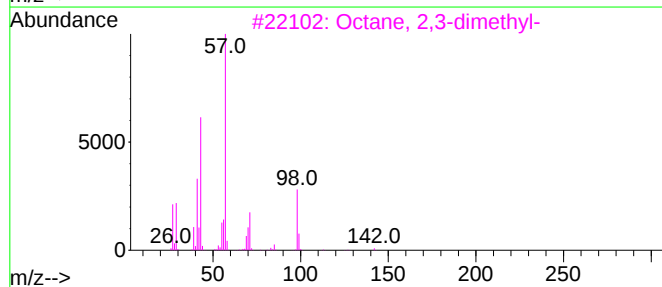
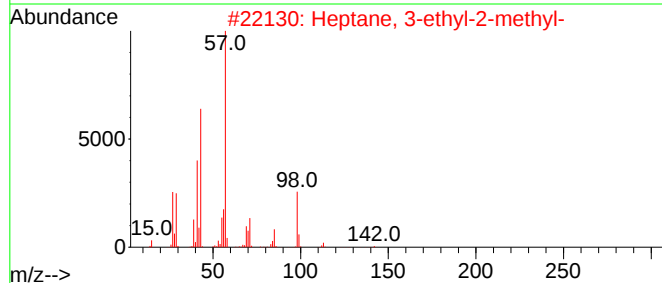
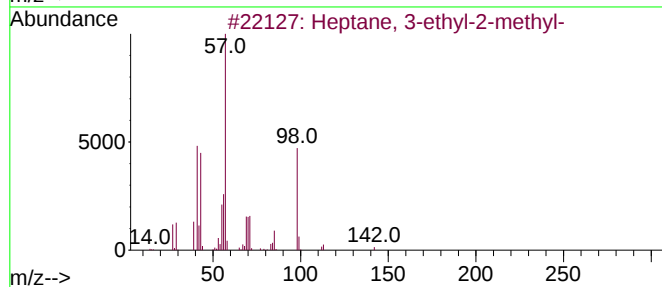
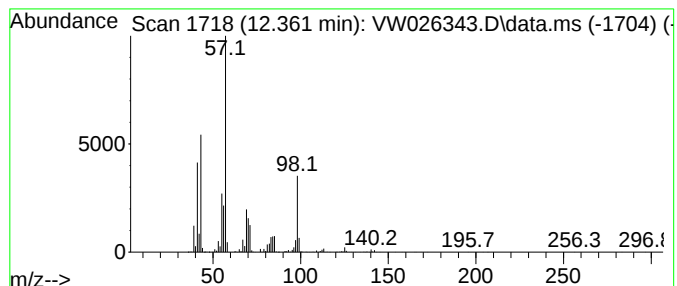
Instrument :
MSVOA_W
ClientSampleId :
A4634

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 16 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.361	23.53 ug/L	1478420	Chlorobenzene-d5			11.629
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	74
2	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	72
3	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	64
4	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	59
5	Heptane, 3-ethyl-		128	C9H20	015869-80-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

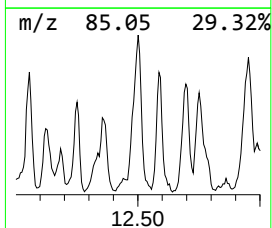
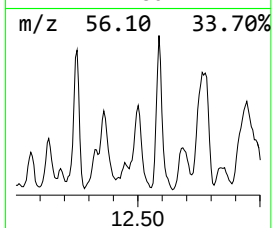
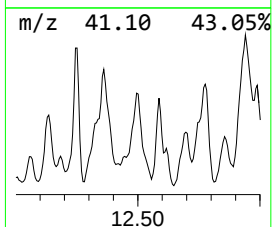
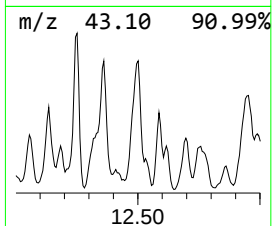
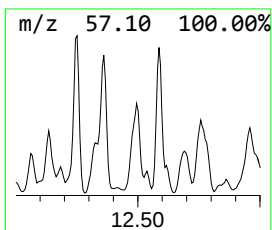
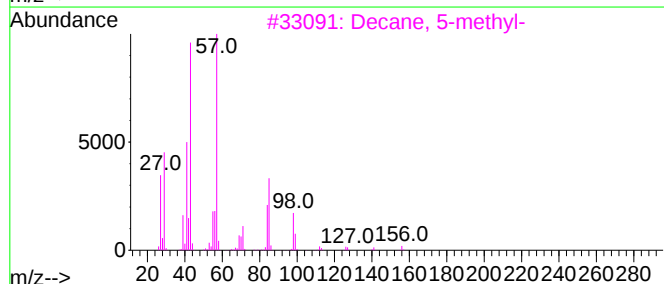
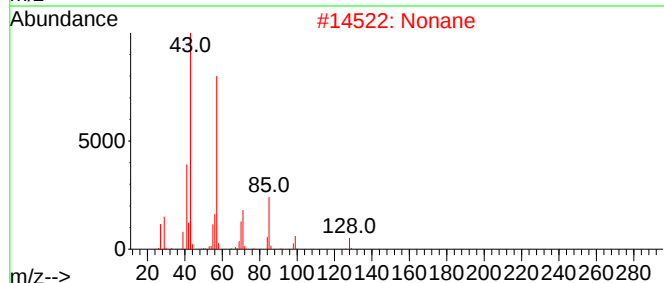
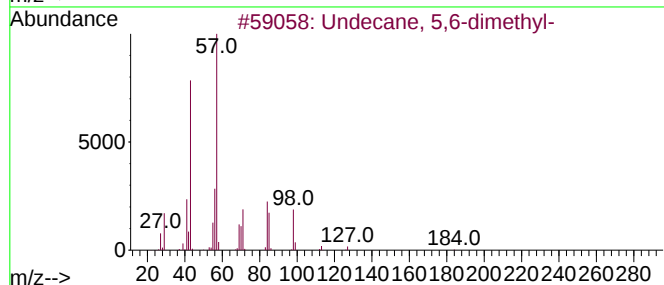
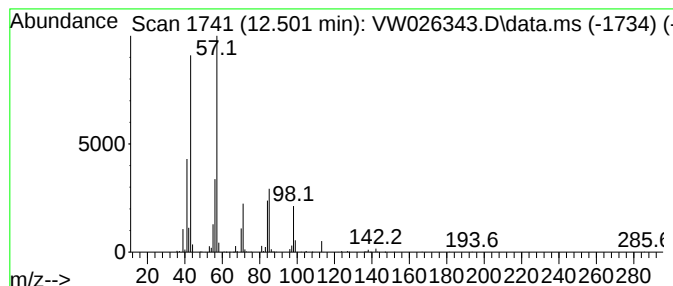
Instrument :
MSVOA_W
ClientSampleId :
A4634

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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.501	11.84 ug/L	743856	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	Nonane		128	C9H20	000111-84-2	53
3	Decane, 5-methyl-		156	C11H24	013151-35-4	53
4	Decane, 2,5,6-trimethyl-		184	C13H28	062108-23-0	53
5	Nonane		128	C9H20	000111-84-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

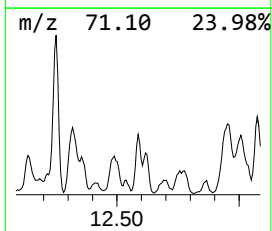
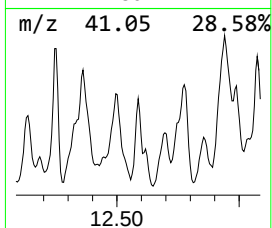
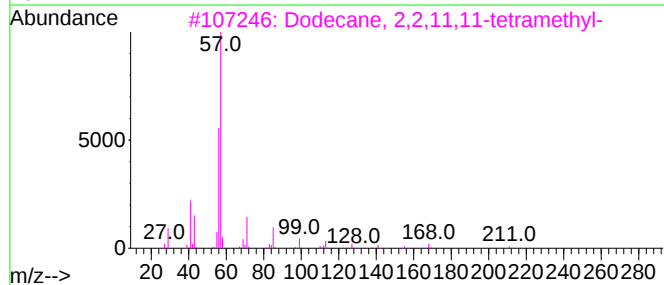
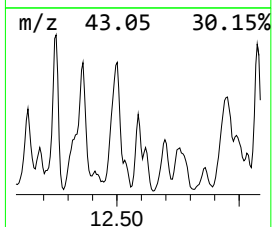
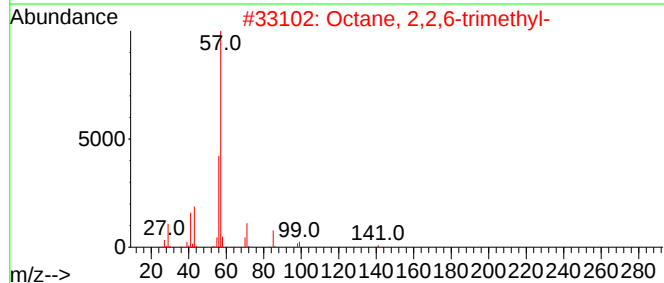
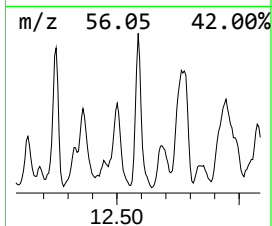
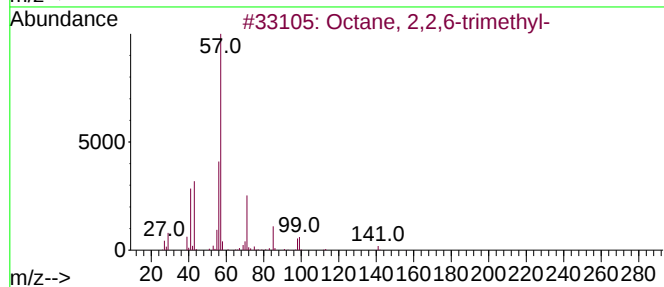
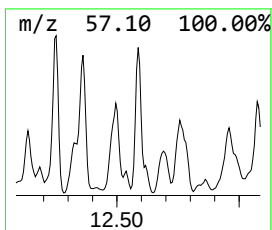
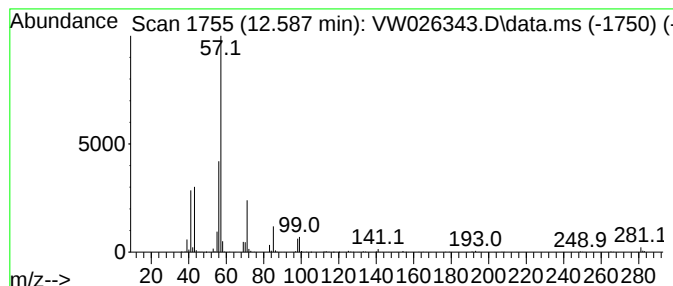
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.587	7.39 ug/L	464207	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	78
2		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59
3		Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	59
4		2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	59
5		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

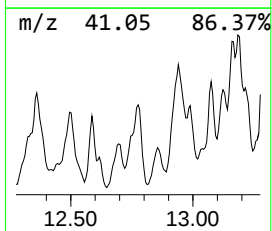
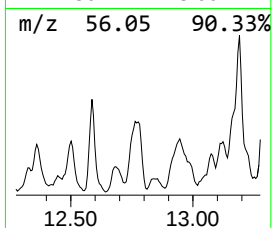
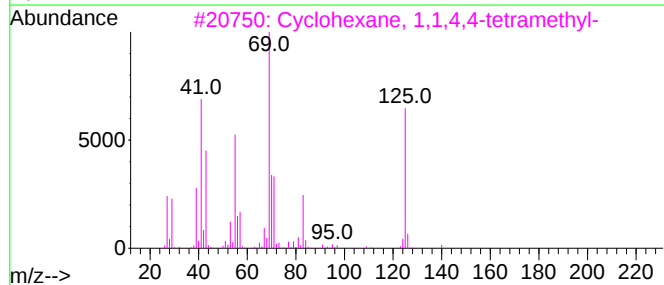
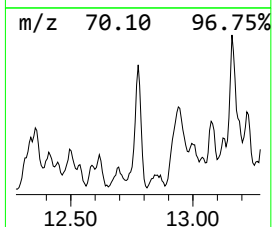
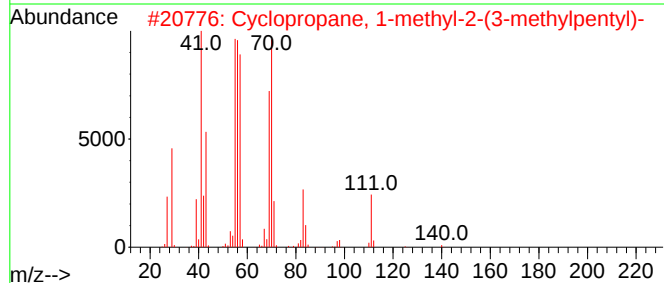
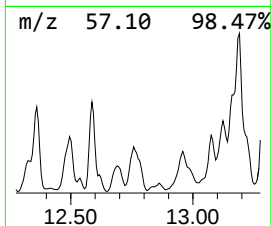
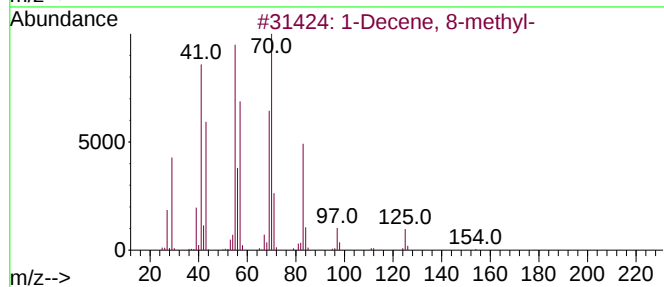
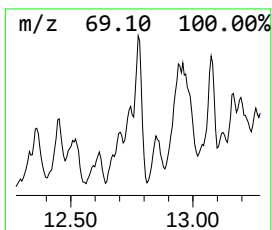
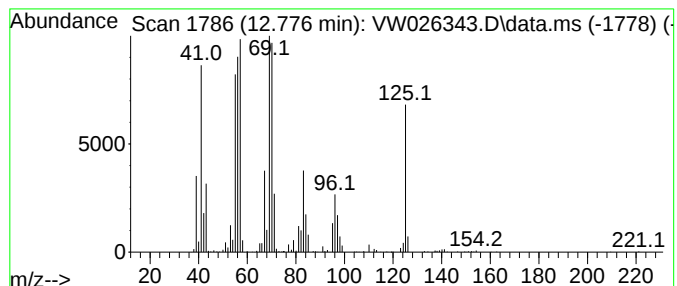
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.776	31.96 ug/L	1031620	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Decene, 8-methyl-	154	C11H22	061142-79-8	46
2		Cyclopropane, 1-methyl-2-(3-meth...	140	C10H20	062238-07-7	46
3		Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43
4		2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	43
5		Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

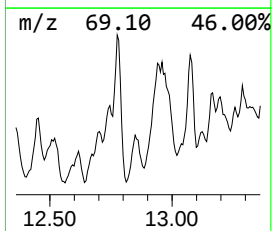
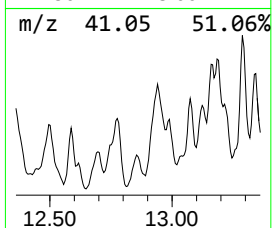
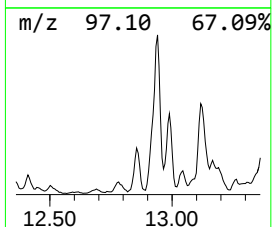
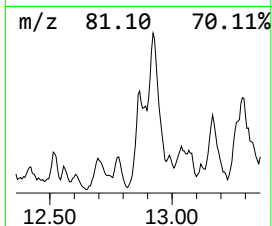
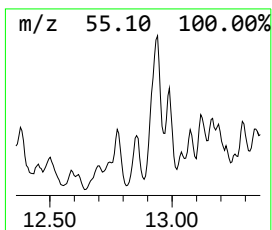
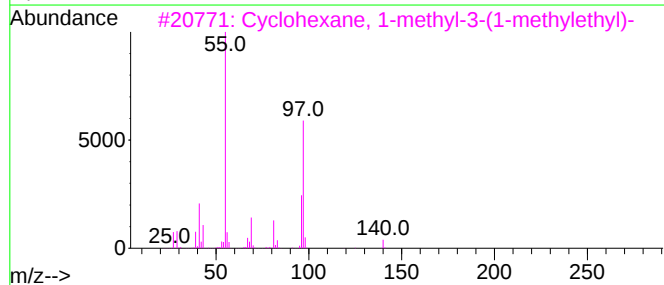
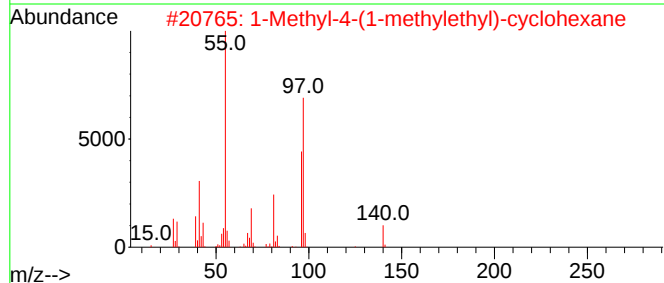
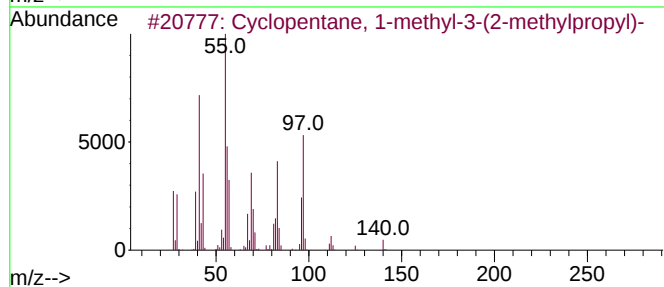
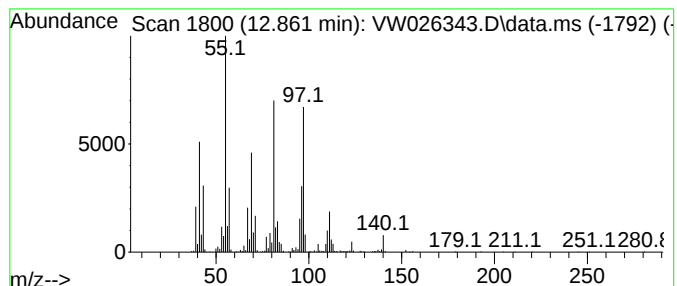
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Cyclic12.861 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	15.58 ug/L	502805	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	58
2			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	49
3			Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	49
4			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	49
5			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

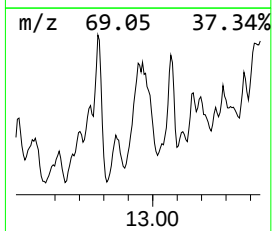
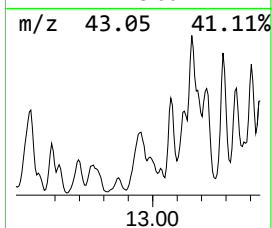
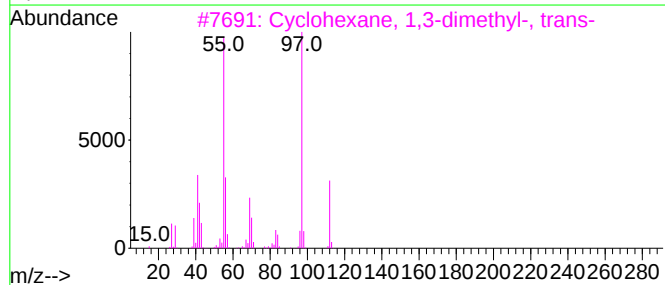
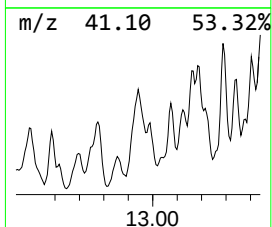
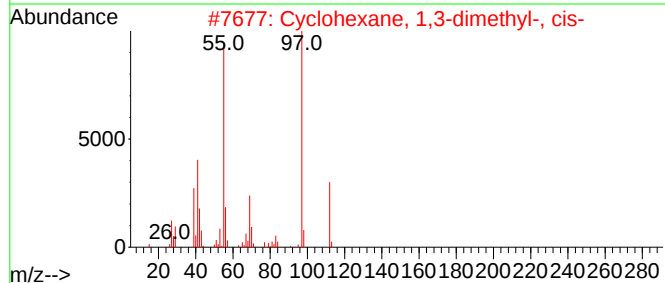
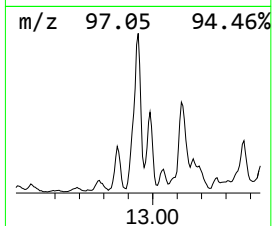
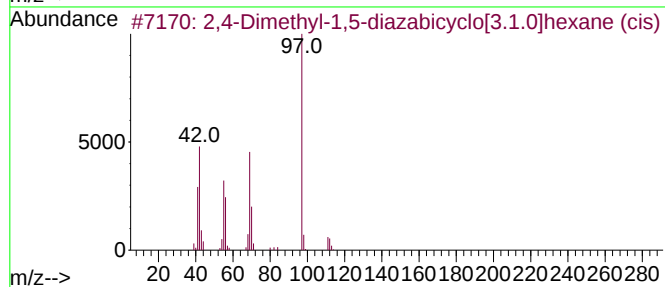
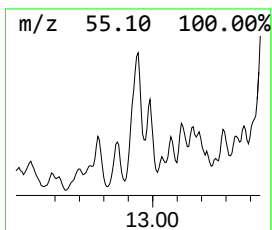
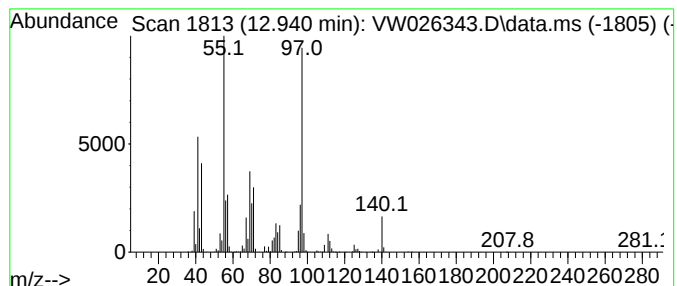
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Quant Title : SFAM01.0

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

Peak Number 21 2,4-Dimethyl-1,5-diazabicyc... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	48.06 ug/L	1551250	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethyl-1,5-diazabicyclo[3.4.0]non-2-ene	112	C6H12N2	100463-01-2	55
2			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	52
4			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
5			Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

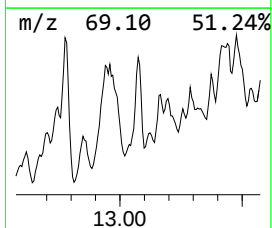
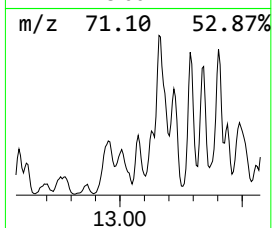
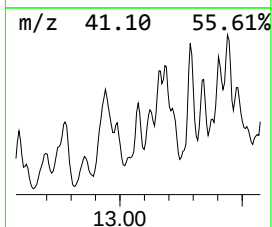
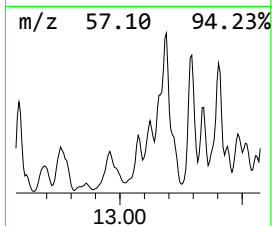
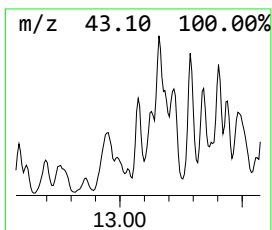
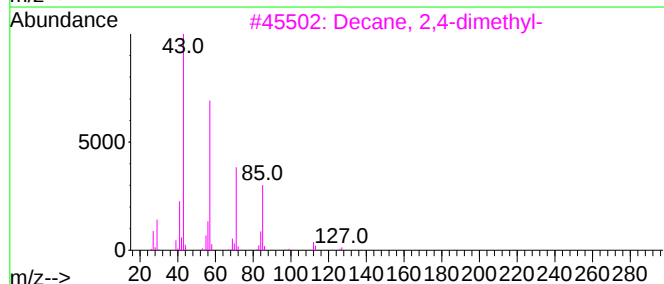
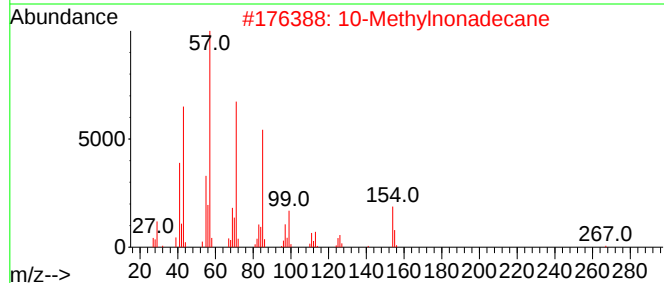
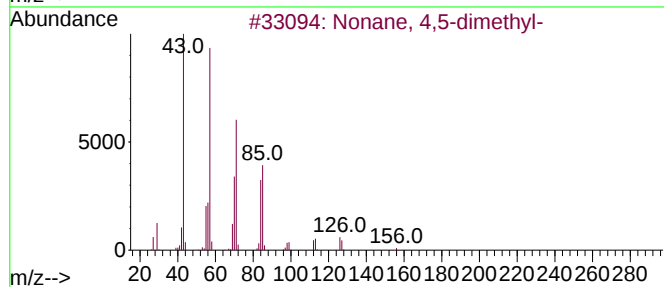
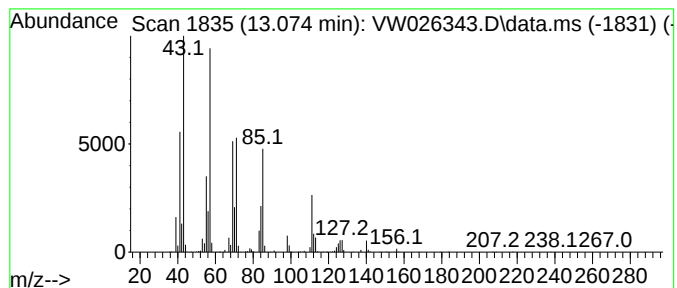
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.074	13.87 ug/L	447698	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-		156	C11H24	017302-23-7	70
2	10-Methylnonadecane		282	C20H42	056862-62-5	53
3	Decane, 2,4-dimethyl-		170	C12H26	002801-84-5	47
4	Undecane, 5-methyl-		170	C12H26	001632-70-8	47
5	1-Heptanol, 2-propyl-		158	C10H22O	010042-59-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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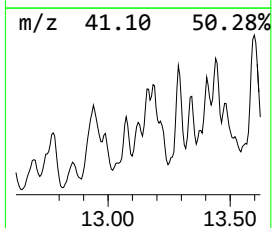
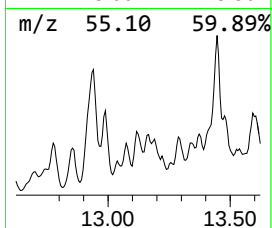
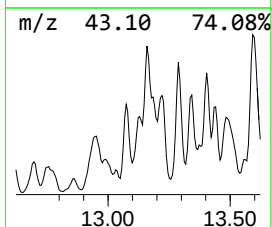
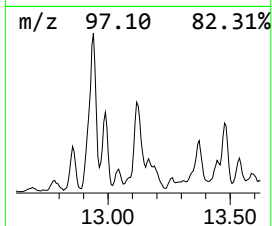
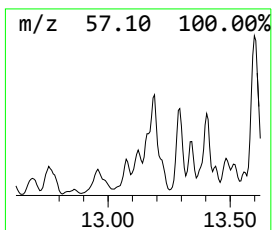
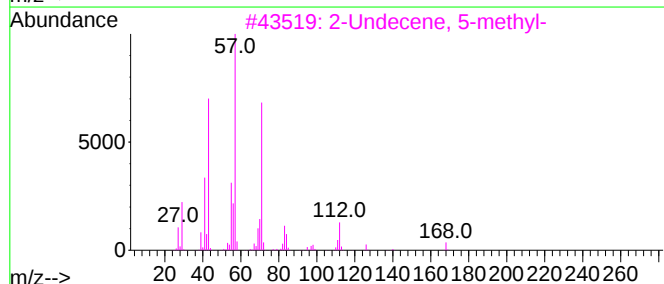
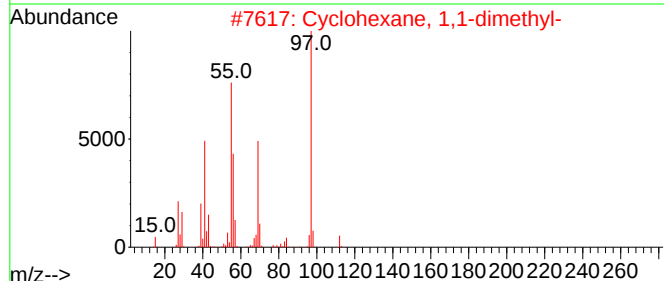
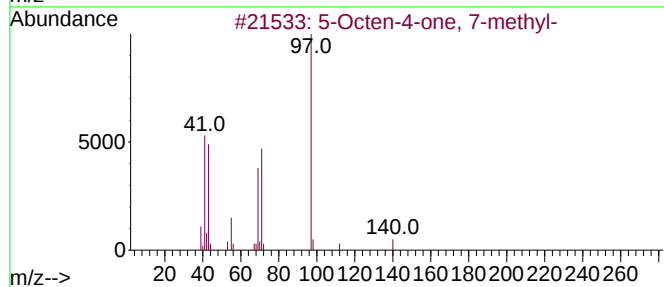
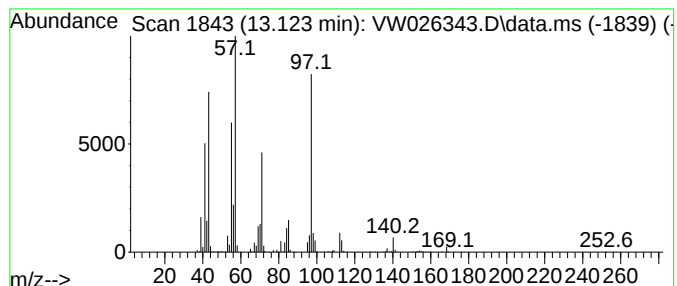
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Quant Title : SFAM01.0

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

Peak Number 23 5-Octen-4-one, 7-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	12.23 ug/L	394614	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	52
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43
3			2-Undecene, 5-methyl-	168	C12H24	056851-34-4	38
4			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	38
5			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

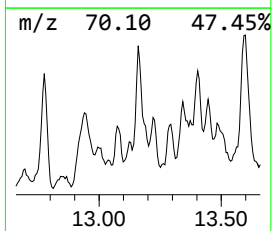
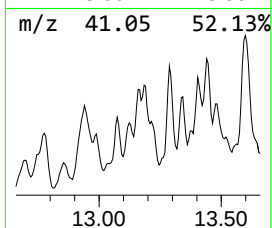
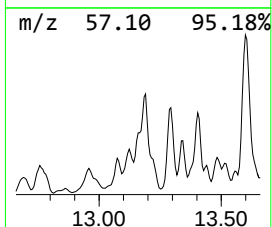
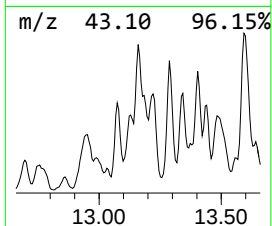
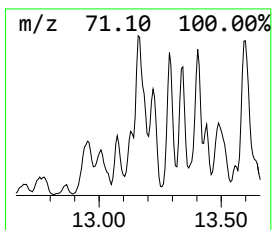
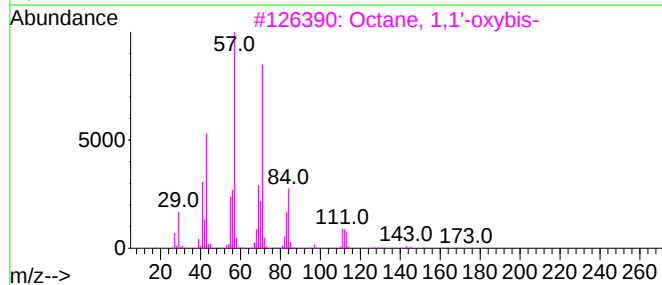
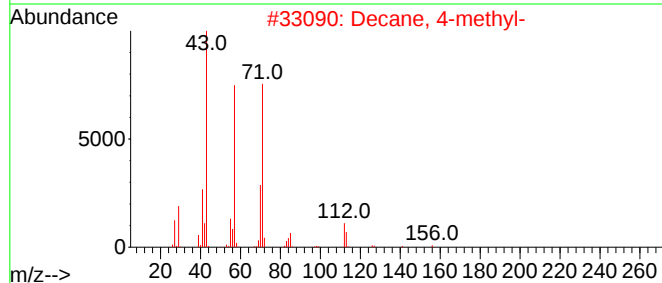
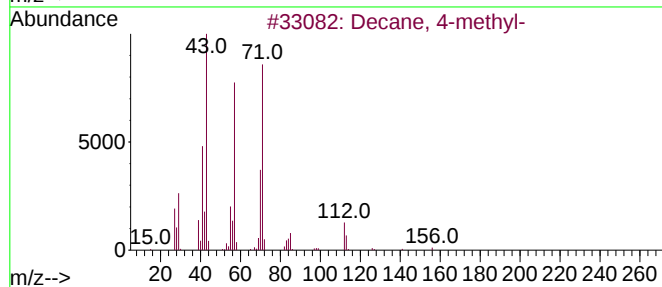
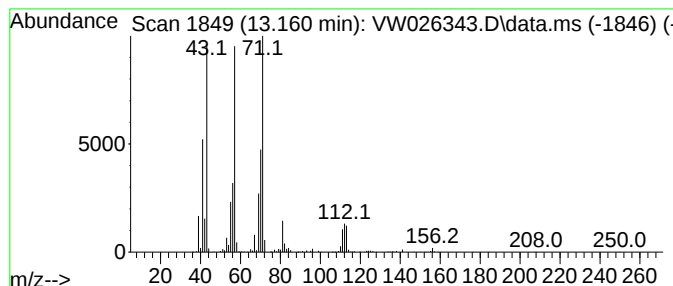
Instrument :
MSVOA_W
ClientSampleId :
A4634

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 24 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.160	15.92 ug/L	513847	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	87
2	Decane, 4-methyl-		156	C11H24	002847-72-5	80
3	Octane, 1,1'-oxybis-		242	C16H34O	000629-82-3	64
4	Isobutyl pentyl carbonate		188	C10H20O3	178442-32-5	59
5	Heptane, 5-ethyl-2-methyl-		142	C10H22	013475-78-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

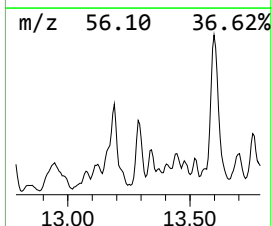
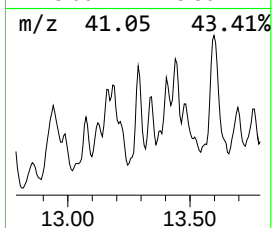
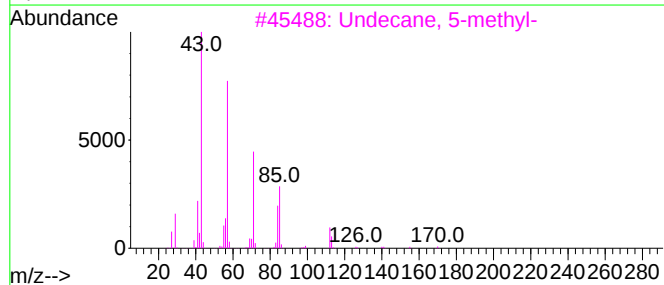
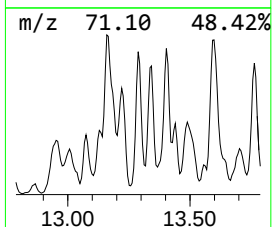
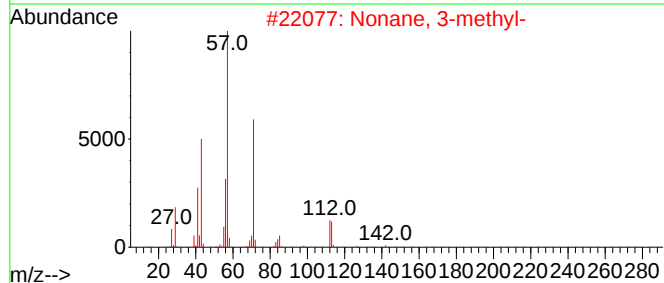
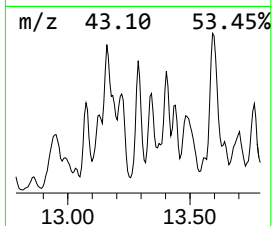
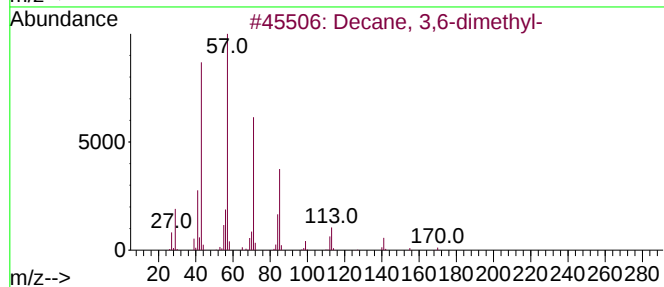
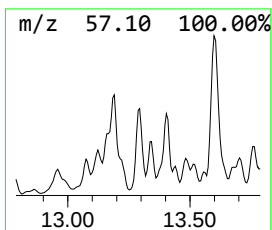
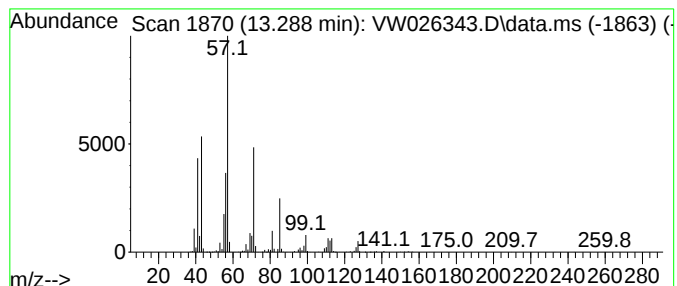
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	32.55 ug/L	1050670	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	53
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	53
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	50
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

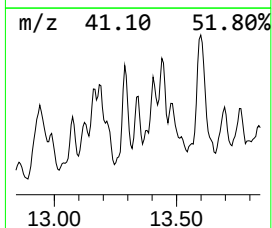
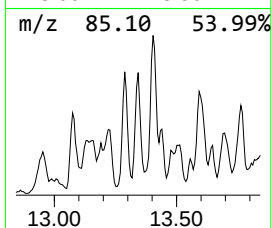
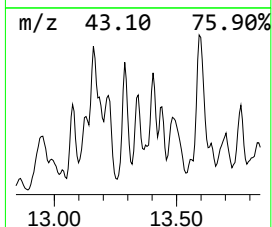
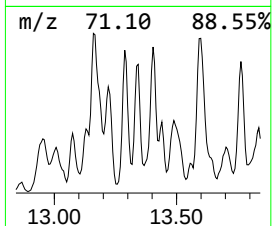
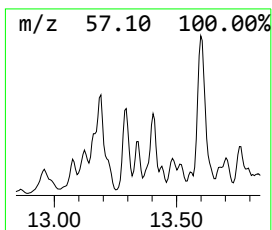
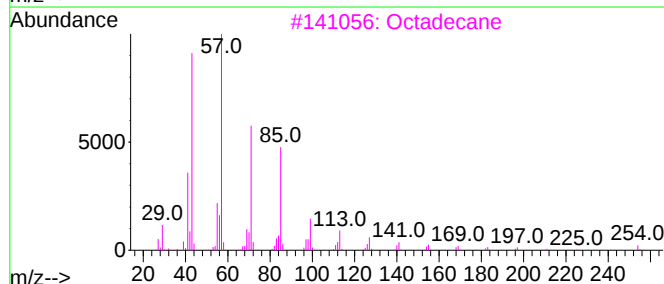
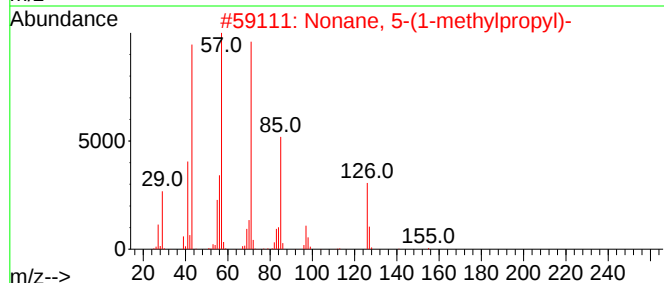
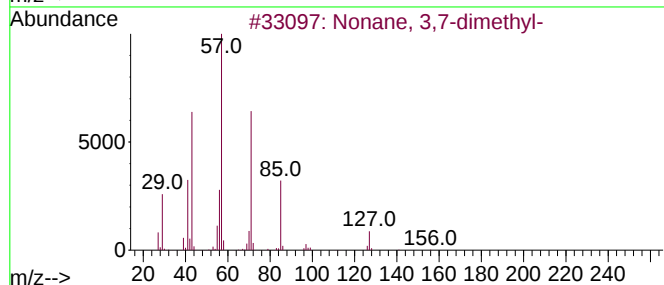
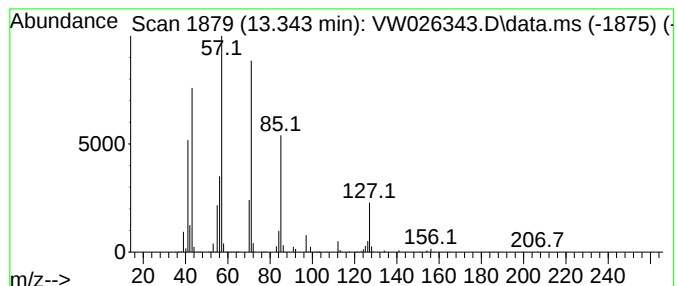
Instrument :
MSVOA_W
ClientSampleId :
A4634

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 26 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.342	19.59 ug/L	632167	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	87
2	Nonane, 5-(1-methylpropyl)-		184	C13H28	062185-54-0	64
3	Octadecane		254	C18H38	000593-45-3	59
4	Decane, 3-methyl-		156	C11H24	013151-34-3	58
5	Octane, 2,3,6,7-tetramethyl-		170	C12H26	052670-34-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

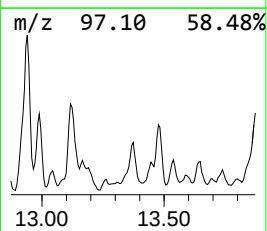
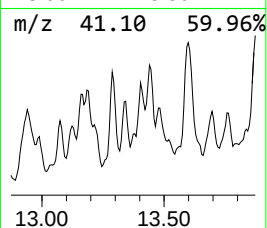
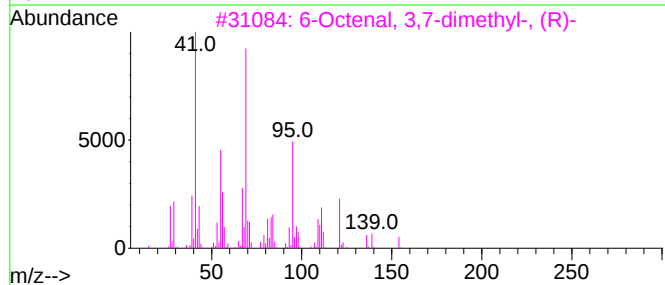
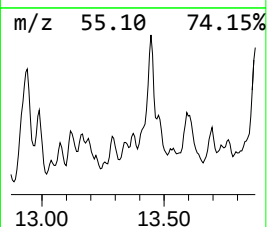
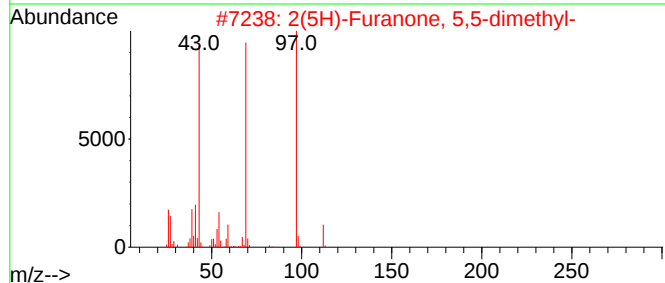
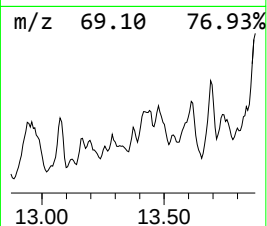
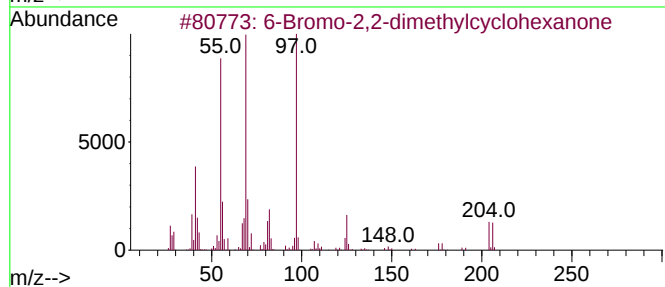
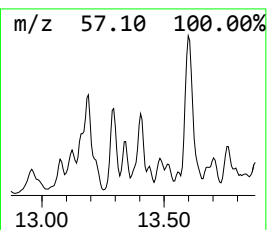
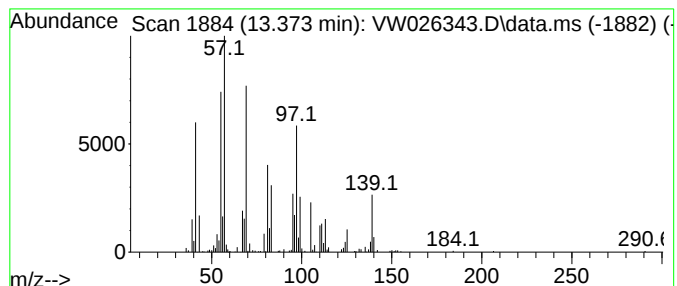
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Quant Title : SFAM01.0

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

Peak Number 27 unknown-01 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.373	8.77 ug/L	282946	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-Bromo-2,2-dimethylcyclohexanone	204	C8H13BrO	021690-26-6	46
2		2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	38
3		6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	38
4		Cyclohexane, 1,1'-ethylidenebis-	194	C14H26	002319-61-1	27
5		2-Butenoic acid, ethyl ester, (Z)-	114	C6H10O2	006776-19-8	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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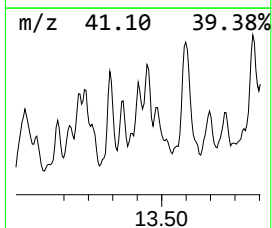
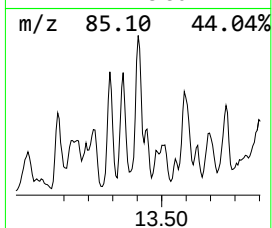
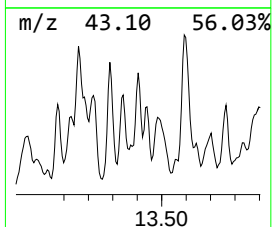
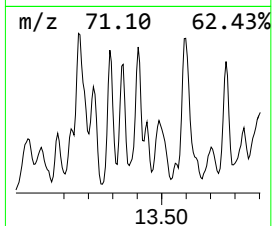
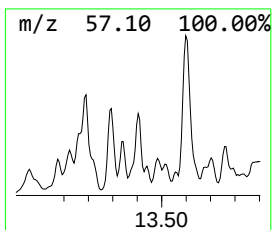
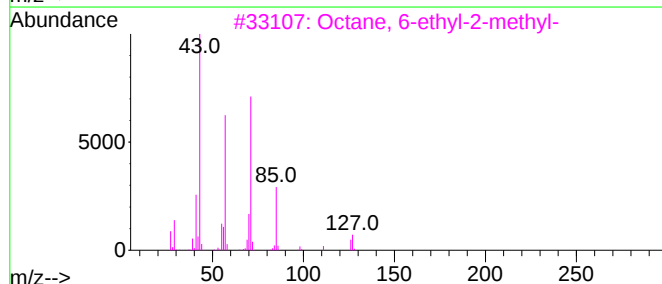
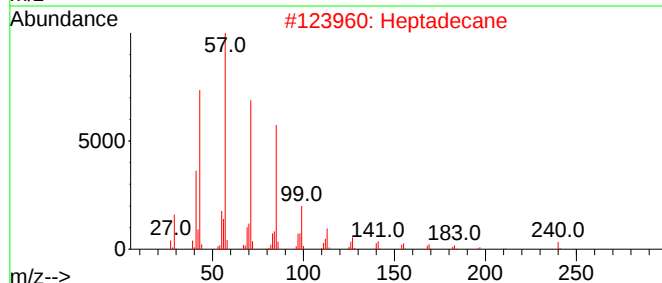
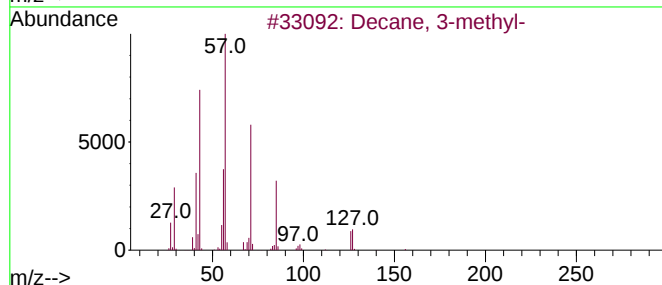
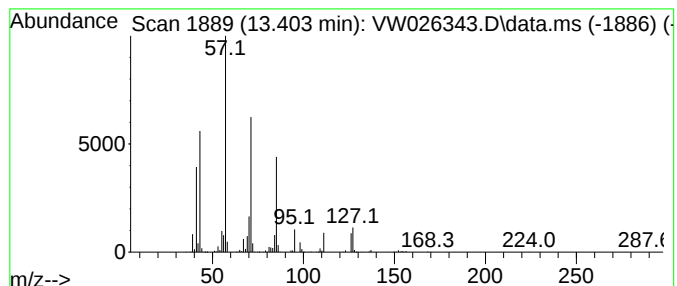
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.403	28.83 ug/L	930405	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3-methyl-	156	C11H24	013151-34-3	80
2		Heptadecane	240	C17H36	000629-78-7	59
3		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	47
4		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	47
5		Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

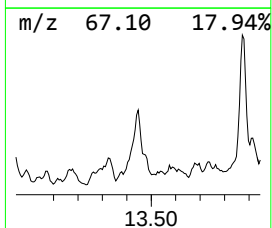
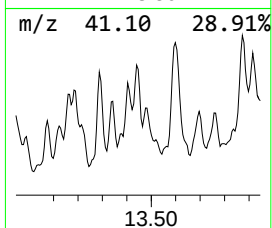
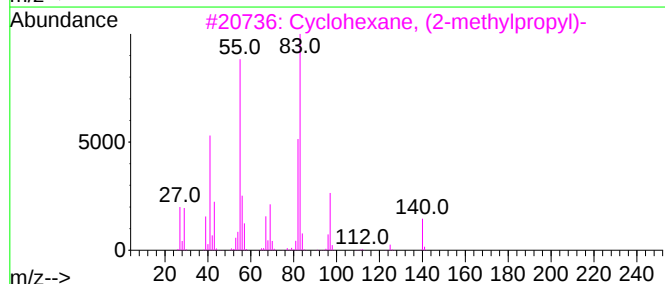
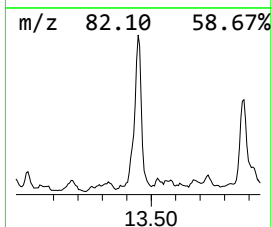
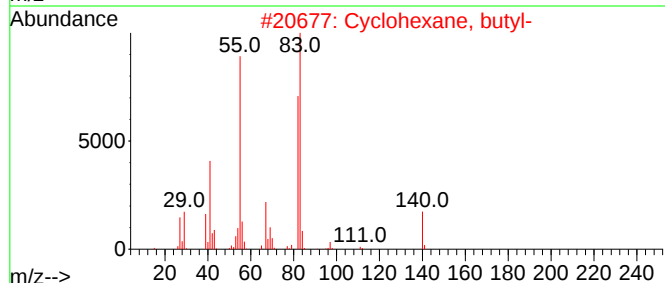
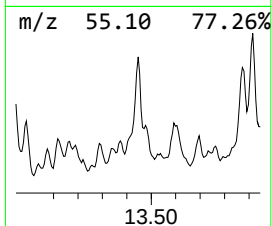
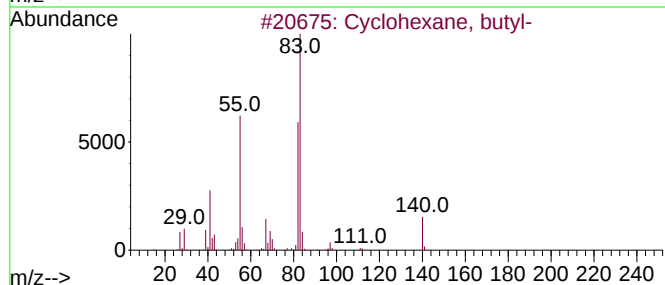
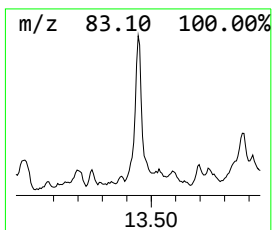
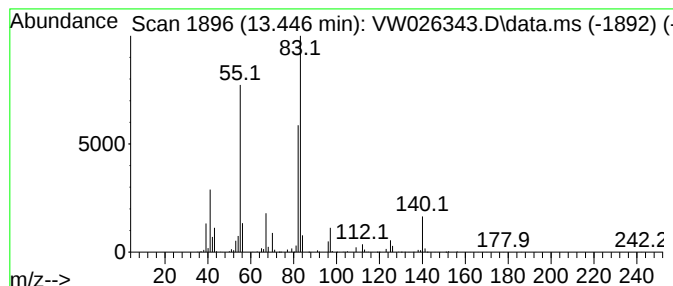
Instrument :
MSVOA_W
ClientSampleId :
A4634

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 29 (DEL) Alkane: Cyclic13.446 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.446	37.57 ug/L	1212570	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

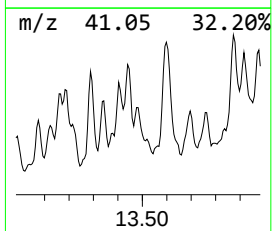
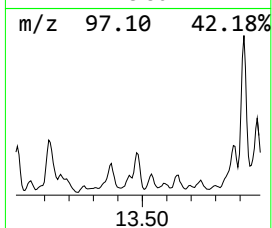
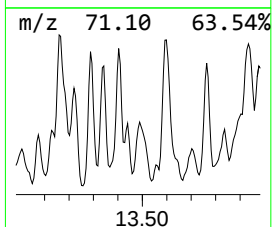
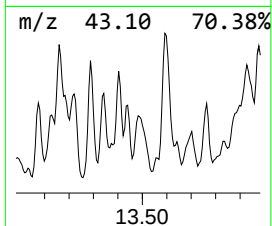
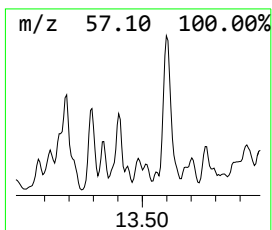
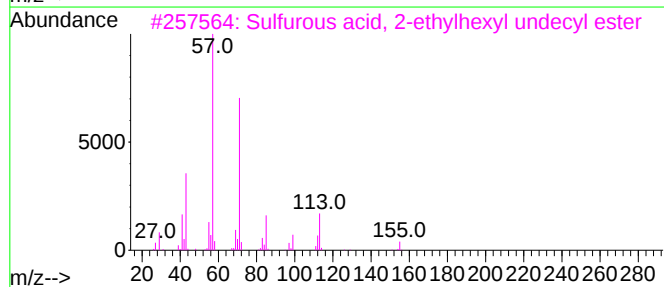
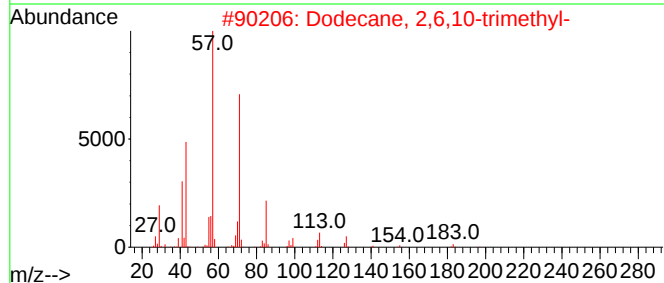
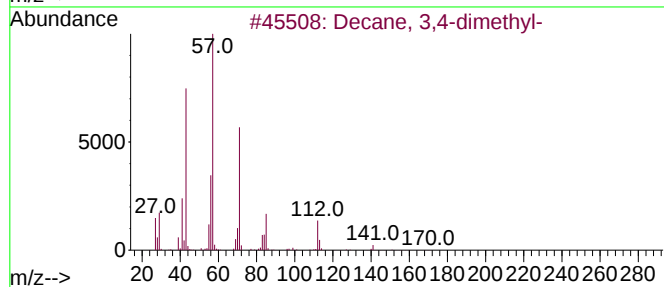
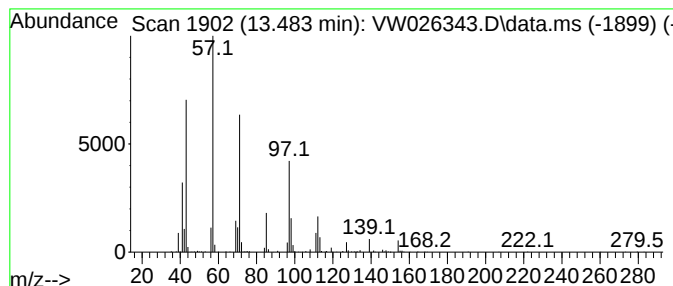
Instrument :
MSVOA_W
ClientSampleId :
A4634

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 30 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.483	23.36 ug/L	753947	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3,4-dimethyl-		170	C12H26	017312-45-7	43
2	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	43
3	Sulfurous acid, 2-ethylhexyl und...		348	C19H40O3S	1000309-19-4	38
4	Octacosane		394	C28H58	000630-02-4	38
5	2,4-Pentanedione, 3-(1-methyl-2-...		154	C9H14O2	029149-83-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

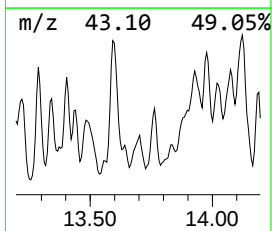
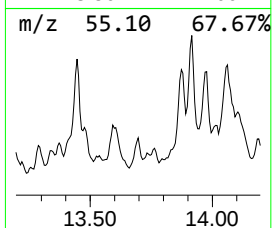
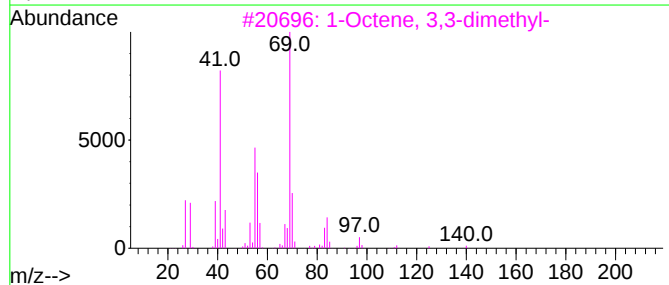
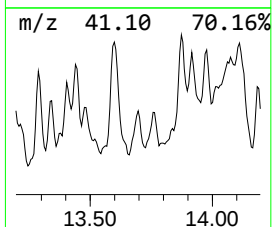
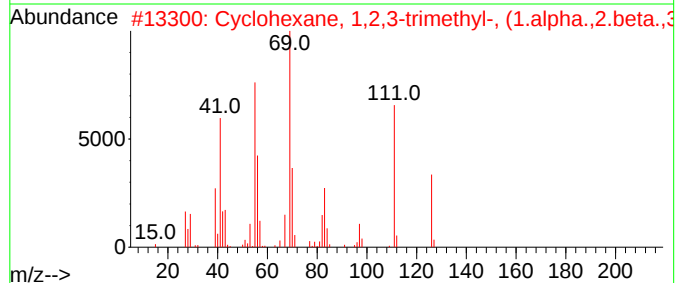
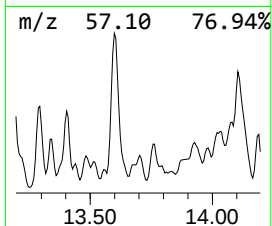
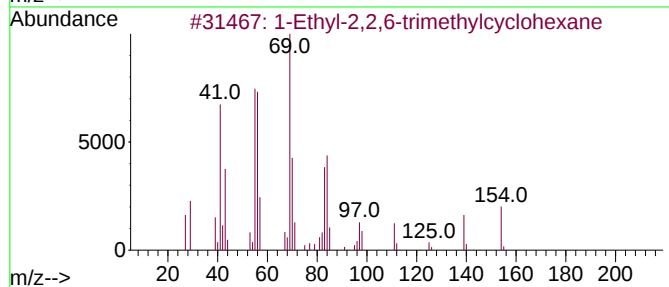
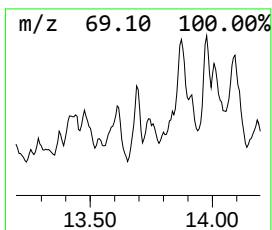
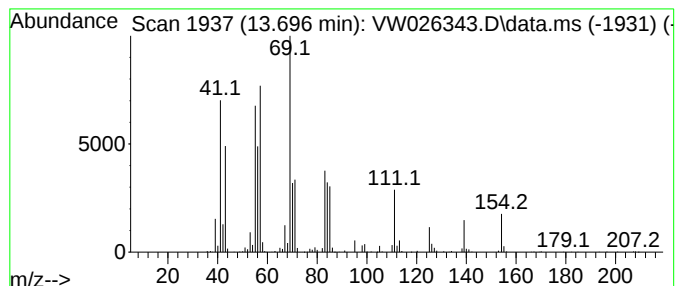
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Cyclic13.696 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	19.62 ug/L	633102	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	76
2			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	52
3			1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	46
4			4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	46
5			2-Methyl-2-octene	126	C9H18	016993-86-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

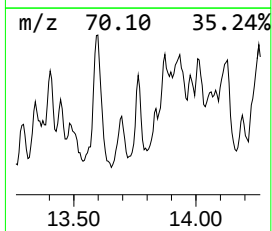
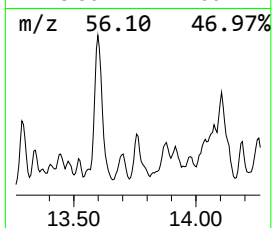
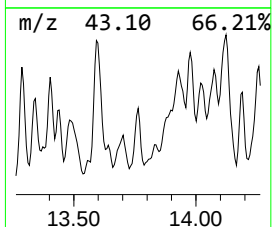
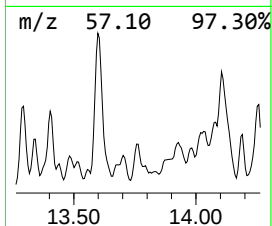
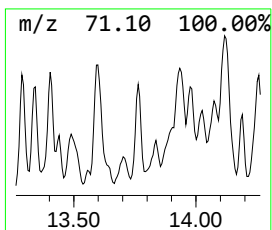
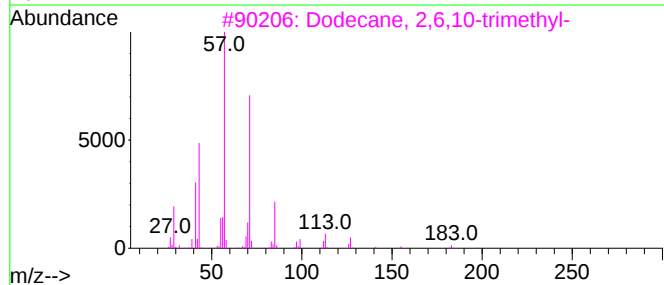
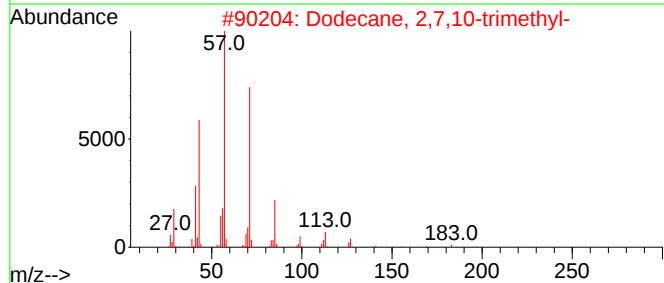
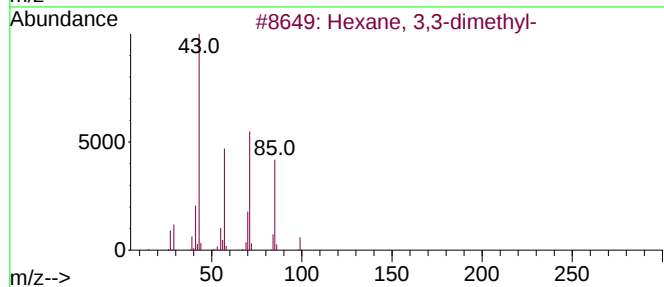
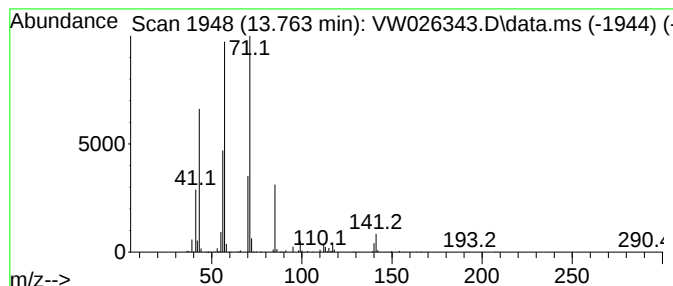
Instrument :
MSVOA_W
ClientSampleId :
A4634

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

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.763	12.93 ug/L	417436	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	53
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

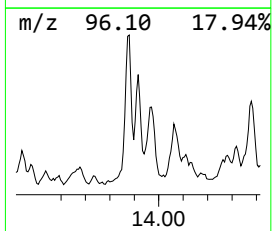
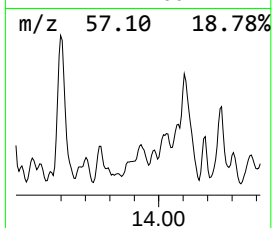
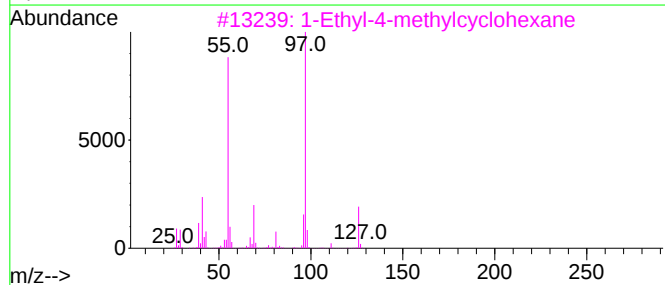
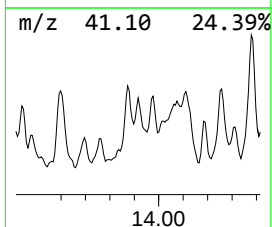
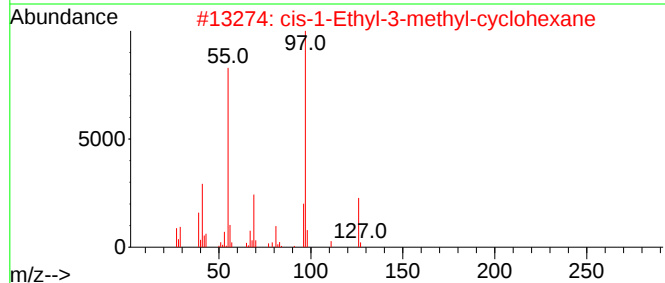
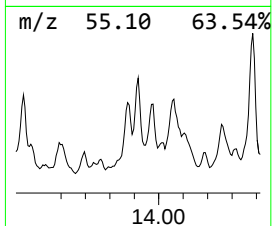
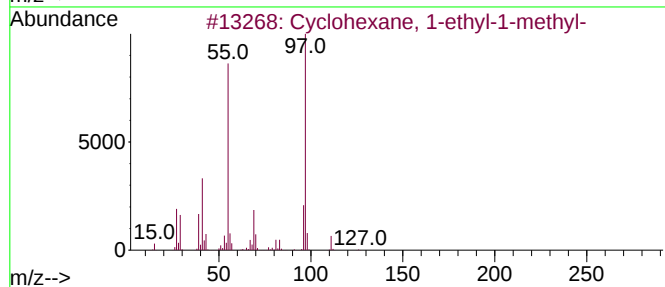
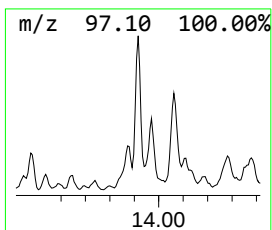
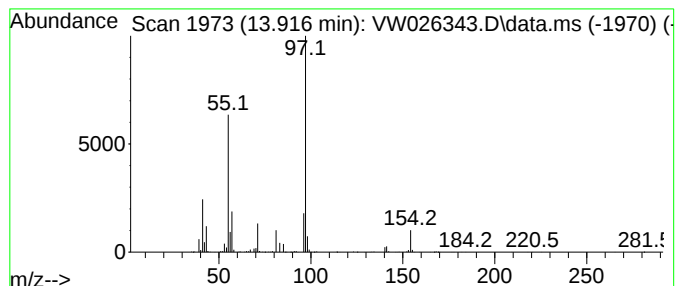
Instrument :
MSVOA_W
ClientSampleId :
A4634

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

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

Peak Number 33 (DEL) Alkane: Cyclic13.916 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.916	24.14 ug/L	779070	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	59
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	59
4	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	56
5	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

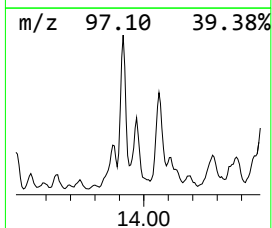
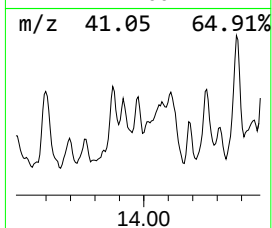
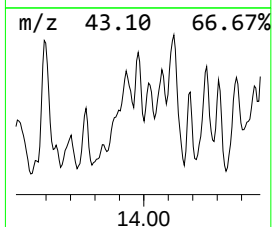
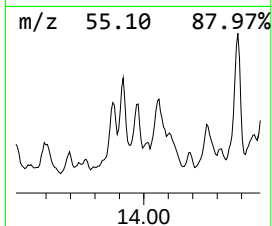
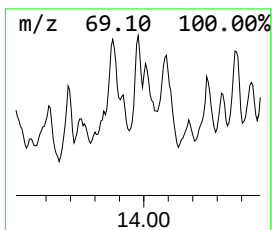
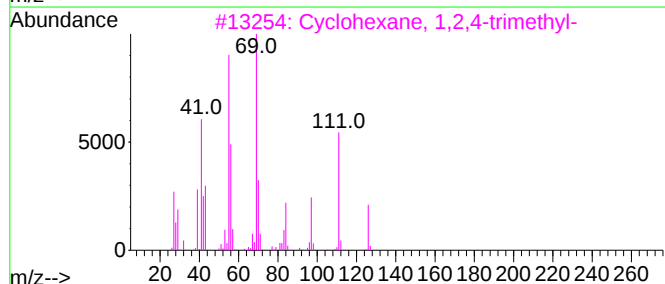
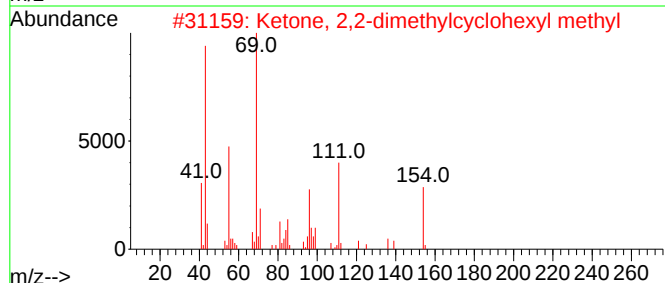
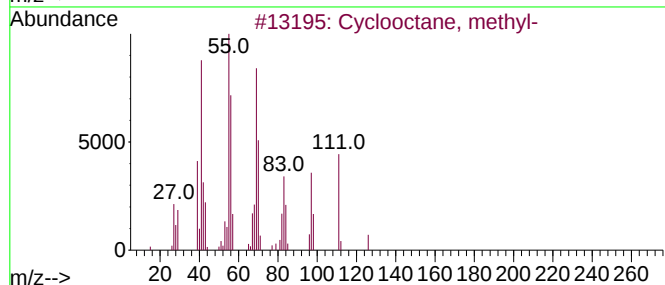
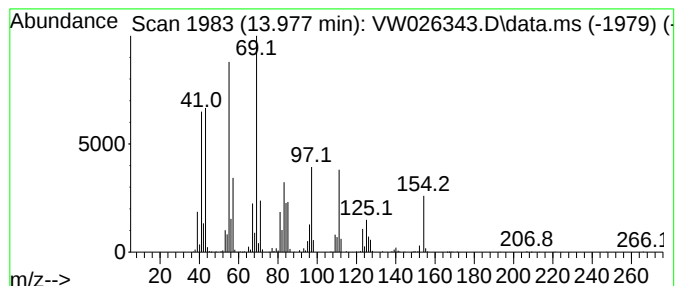
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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Cyclic13.977 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	18.34 ug/L	591815	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, methyl-	126	C9H18	001502-38-1	76
2			Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	47
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47
4			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	46
5			Cyclooctanemethanol	142	C9H18O	003637-63-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

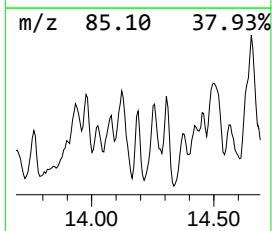
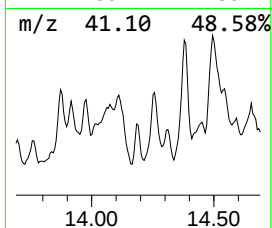
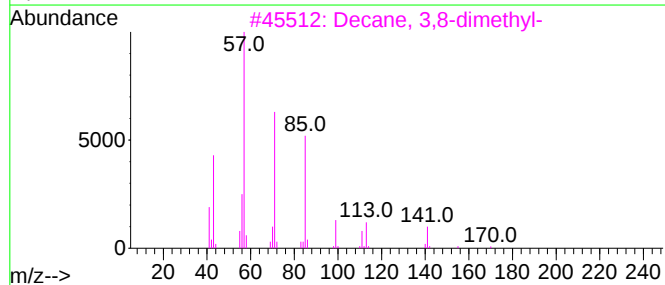
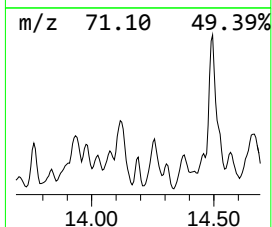
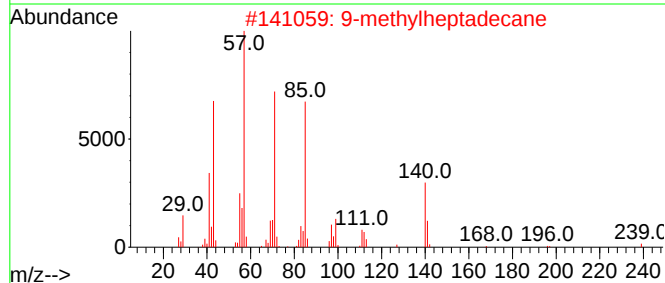
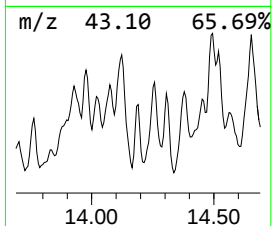
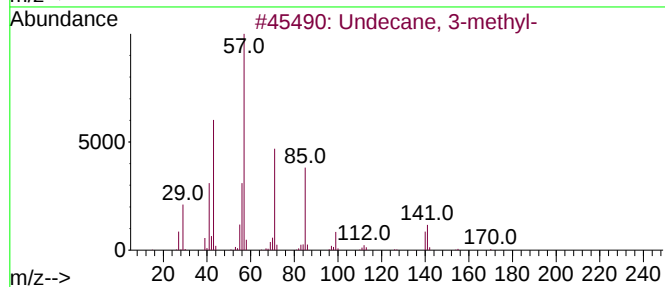
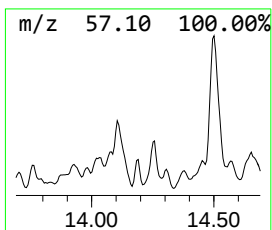
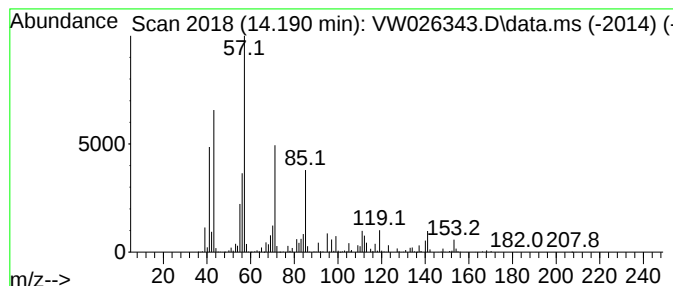
Instrument :
MSVOA_W
ClientSampleId :
A4634

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 35 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.190	20.07 ug/L	647832	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	72
2	9-methylheptadecane		254	C18H38	026741-18-4	58
3	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	52
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	52
5	Decane, 3-bromo-		220	C10H21Br	030571-71-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

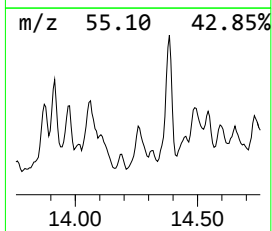
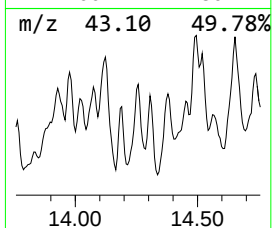
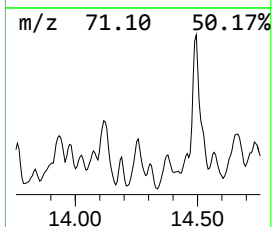
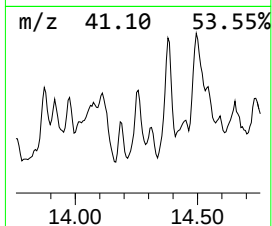
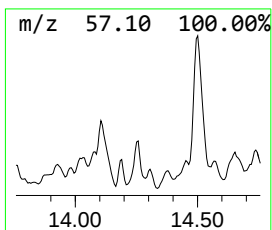
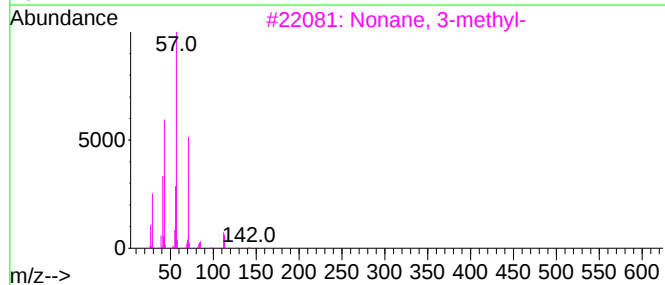
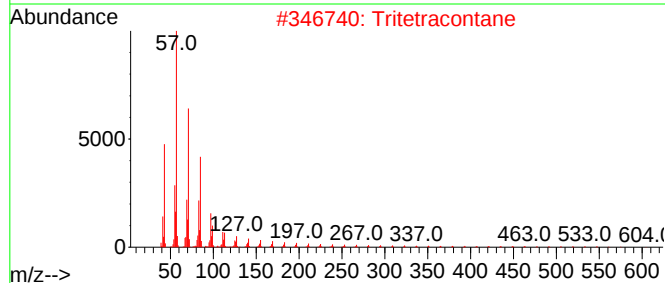
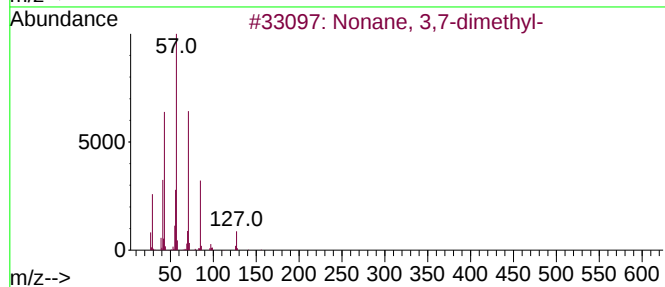
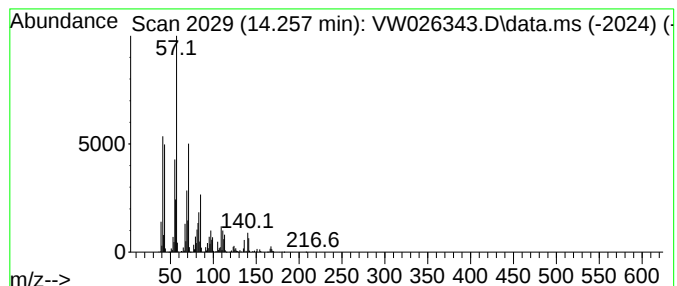
Instrument :
MSVOA_W
ClientSampleId :
A4634

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 36 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.257	40.06 ug/L	1292790	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	62
2	Tritetracontane	605	C43H88	007098-21-7	53
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	47
5	Octacosane	394	C28H58	000630-02-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

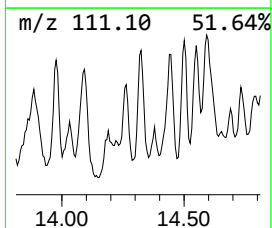
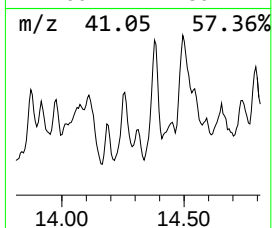
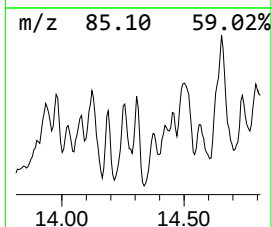
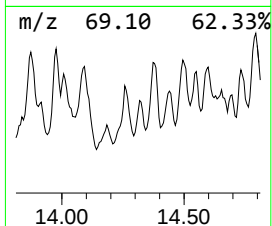
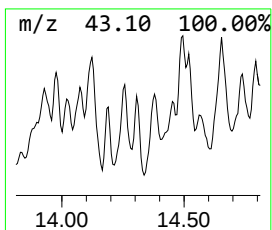
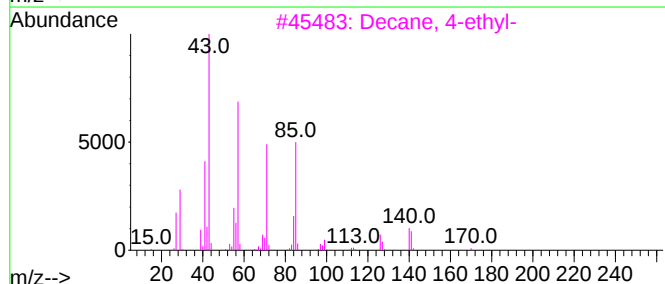
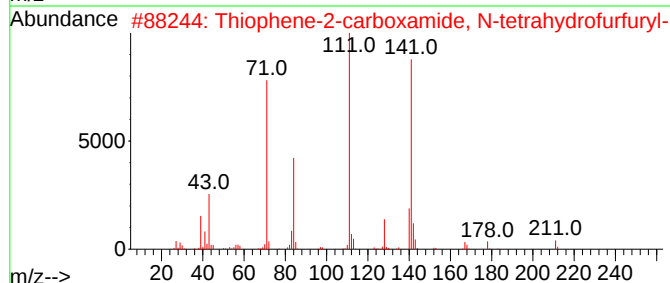
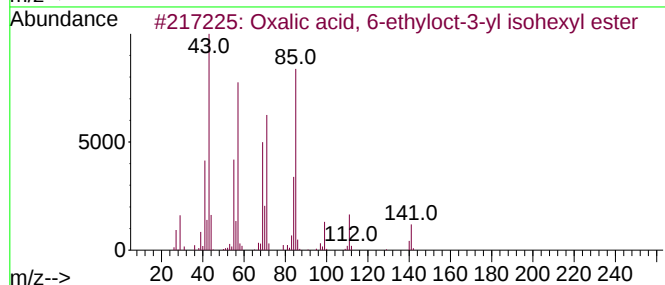
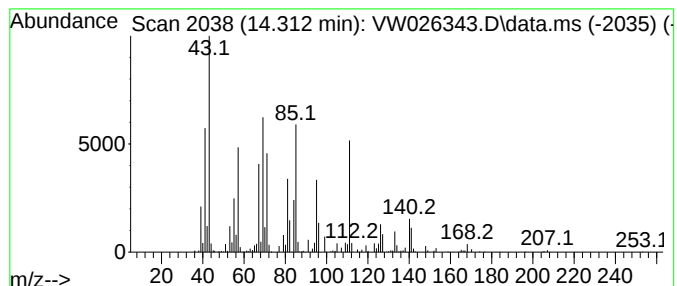
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Quant Title : SFAM01.0

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

Peak Number 37 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	13.67 ug/L	441288	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 6-ethyloct-3-yl iso...	314	C18H34O4	1000309-34-3	43
2			Thiophene-2-carboxamide, N-tetra...	211	C10H13NO2S	1000307-06-7	35
3			Decane, 4-ethyl-	170	C12H26	001636-44-8	30
4			Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	27
5			6-Propyl-2,3-dihydropyran-2,4-dione	154	C8H10O3	005698-53-3	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

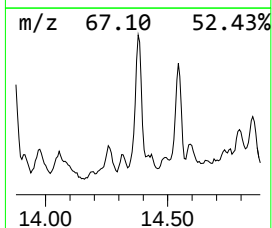
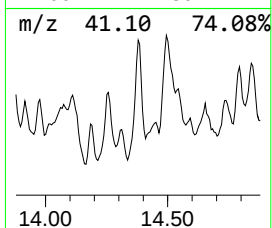
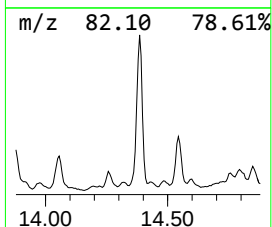
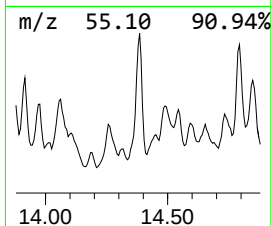
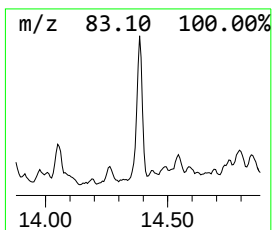
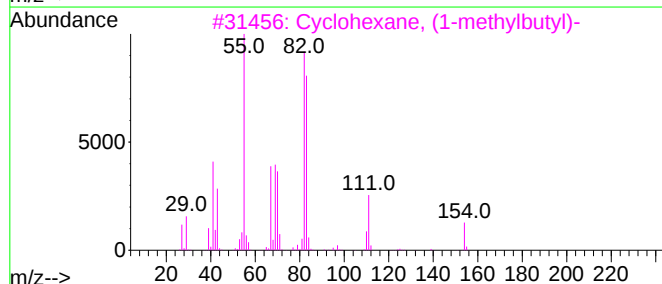
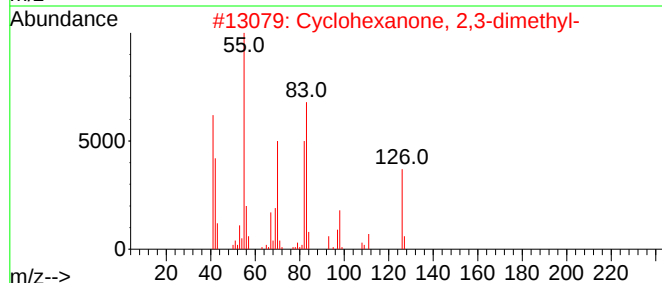
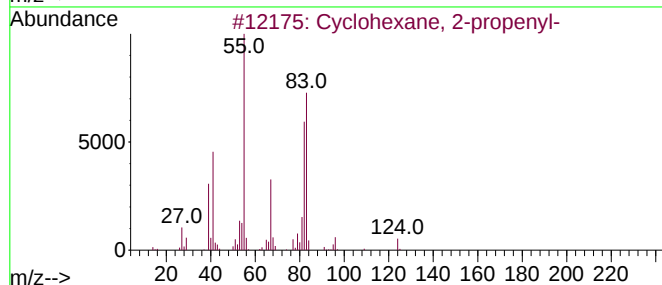
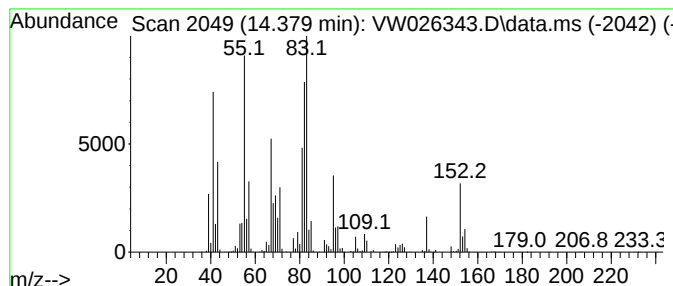
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Quant Title : SFAM01.0

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

Peak Number 38 Cyclohexane, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	88.35 ug/L	2851440	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	62
2		Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	53
3		Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	52
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

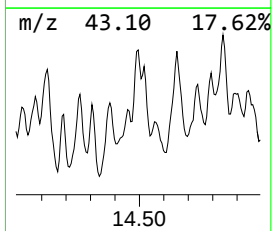
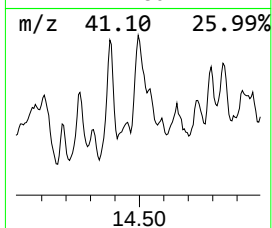
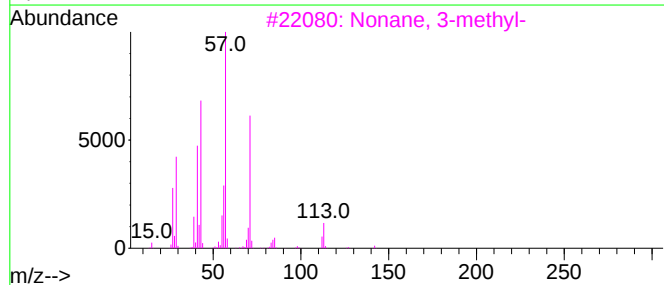
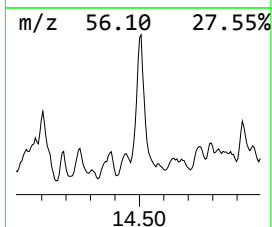
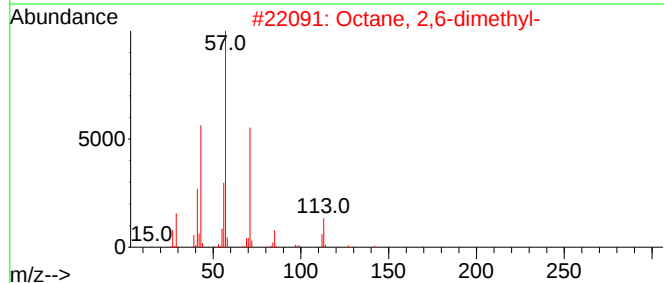
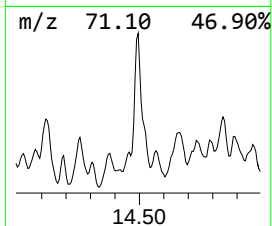
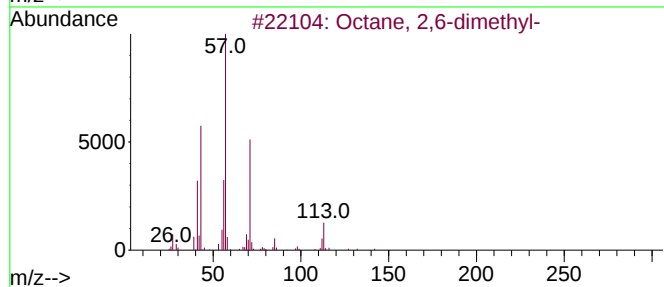
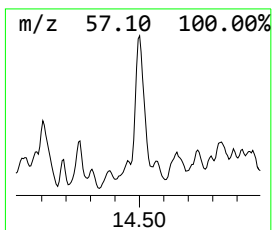
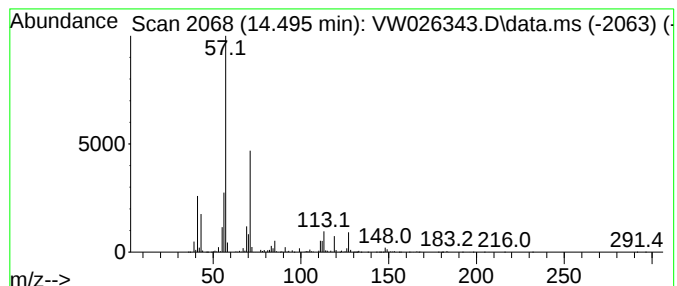
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Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	88.86 ug/L	2867950	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	72	
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	59	
3	Nonane, 3-methyl-		142	C10H22	005911-04-6	59	
4	Sulfurous acid, butyl octyl ester		250	C12H26O3S	1000309-17-5	59	
5	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	53	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

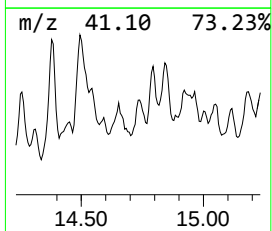
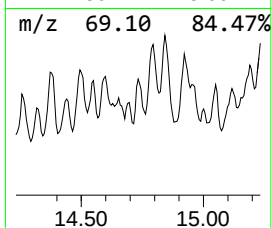
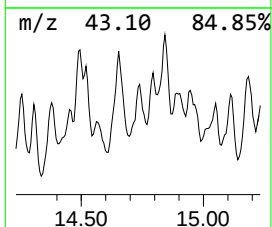
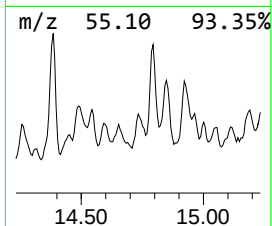
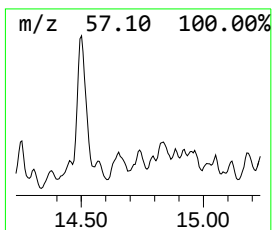
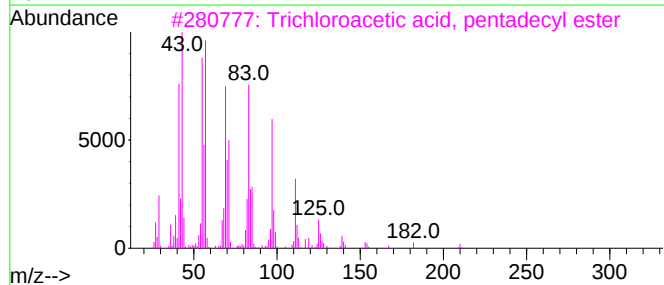
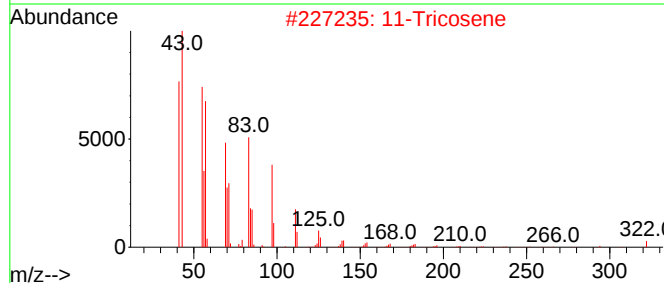
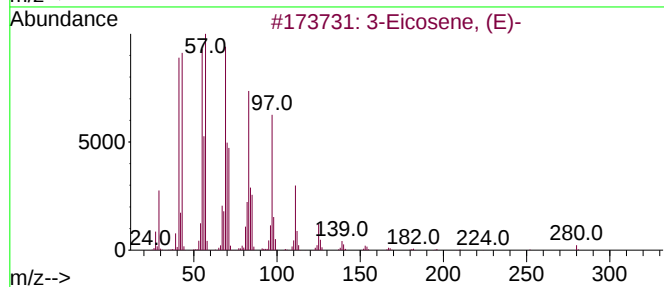
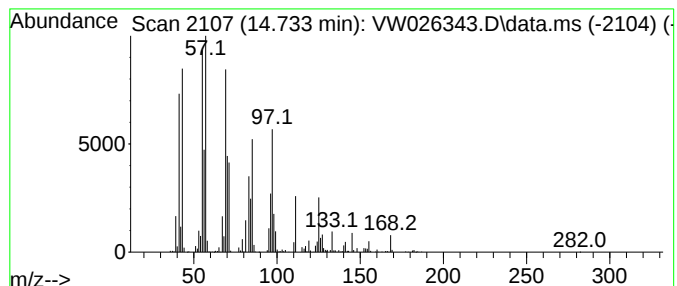
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Quant Title : SFAM01.0

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	18.95 ug/L	611764	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Eicosene, (E)-	280	C20H40	074685-33-9	83
2			11-Tricosene	322	C23H46	052078-56-5	80
3			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	80
4			Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	80
5			Cyclooctane, methyl-	126	C9H18	001502-38-1	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

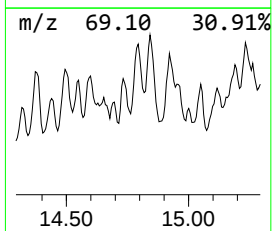
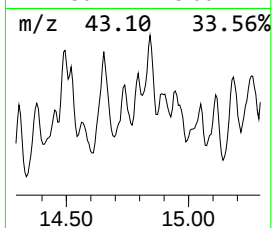
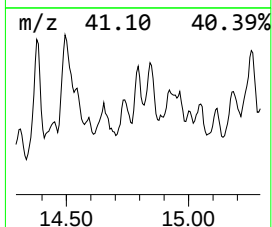
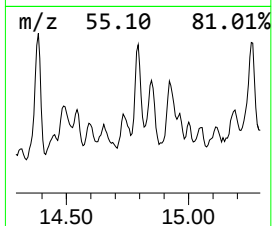
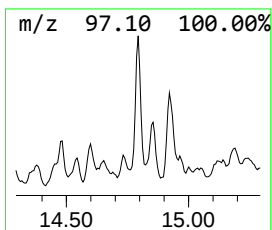
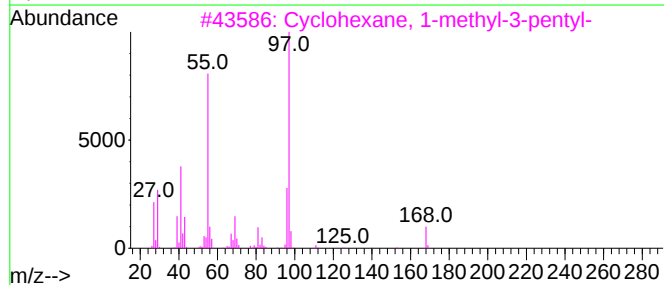
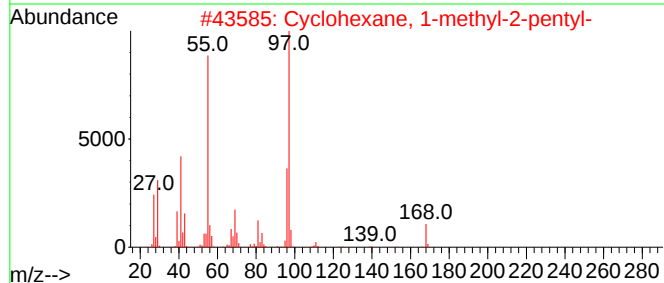
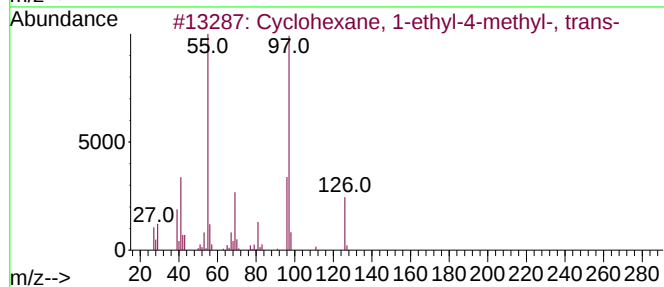
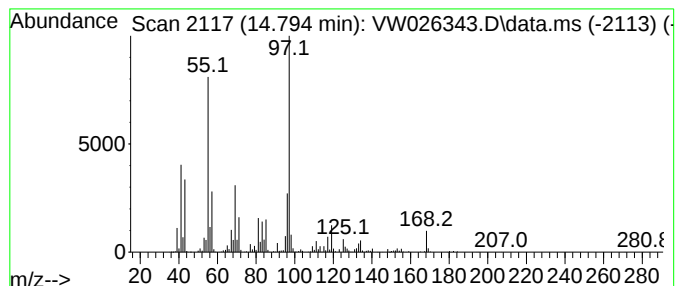
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Quant Title : SFAM01.0

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

Peak Number 41 (DEL) Alkane: Cyclic14.794 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.794	44.48 ug/L	1435420	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	70
2			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	64
3			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	64
4			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	62
5			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

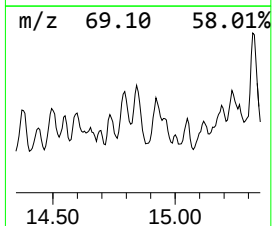
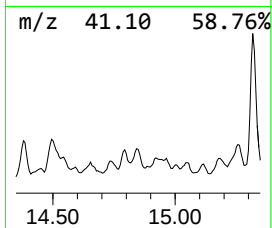
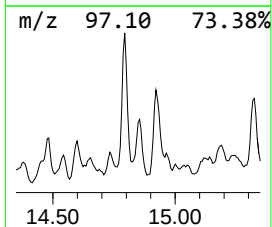
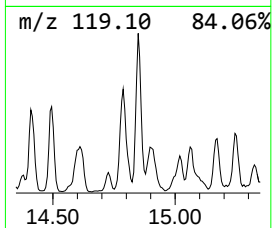
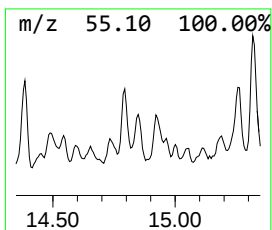
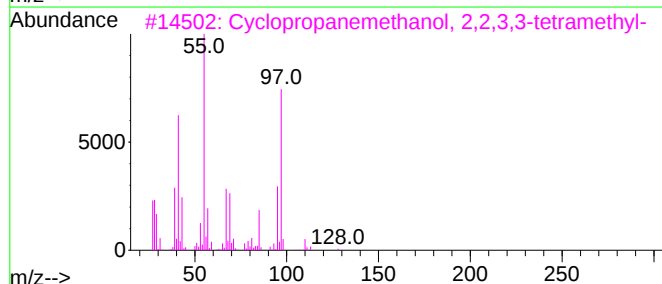
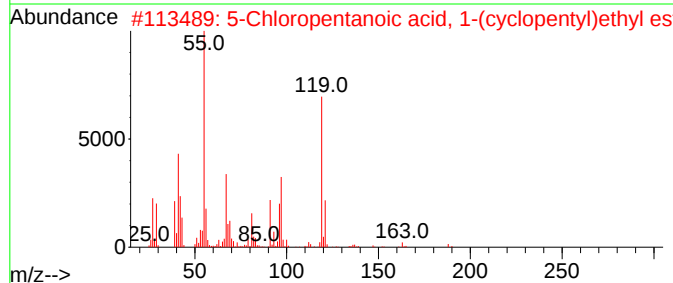
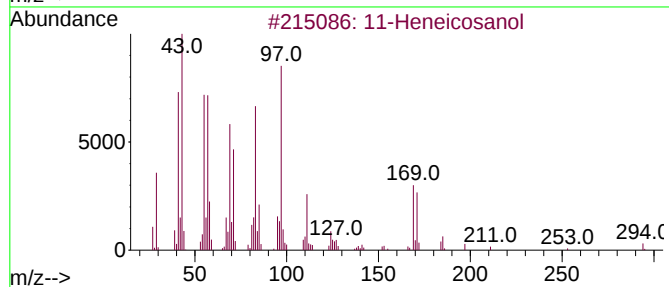
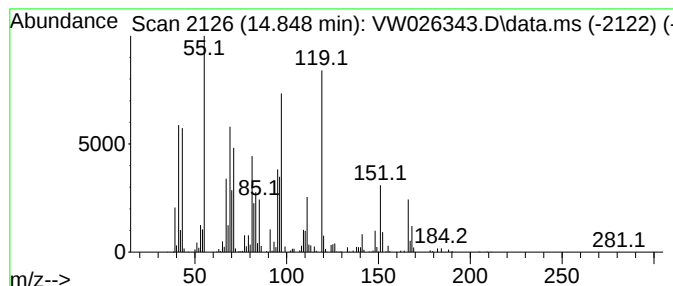
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Quant Title : SFAM01.0

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

Peak Number 42 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	43.69 ug/L	1410000	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11-Heneicosanol	312	C21H44O	003381-26-8	38
2			5-Chloropentanoic acid, 1-(cyclo...	232	C12H21ClO2	1000293-37-6	27
3			Cyclopropanemethanol, 2,2,3,3-te...	128	C8H16O	002415-96-5	27
4			Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-97-1	14
5			Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-94-8	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

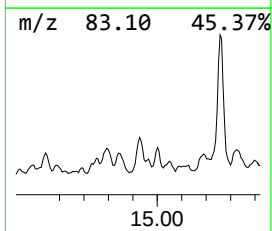
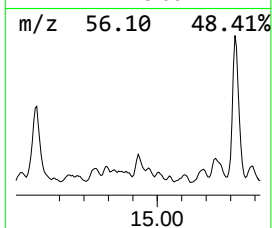
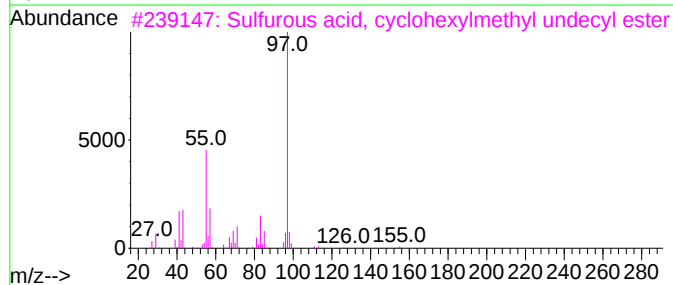
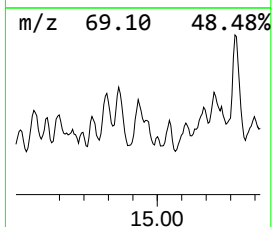
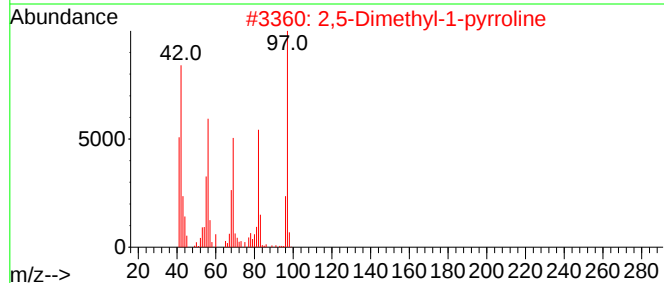
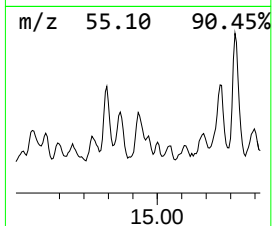
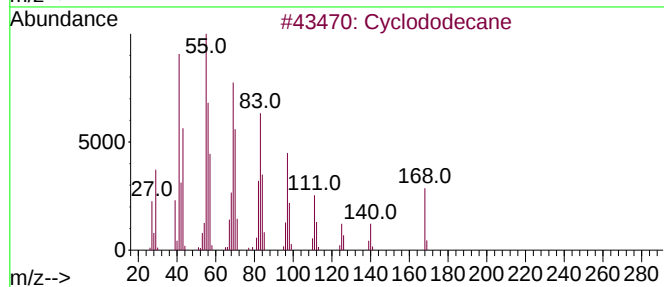
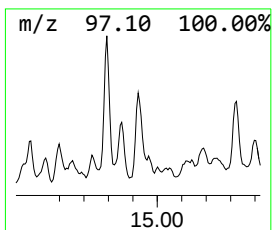
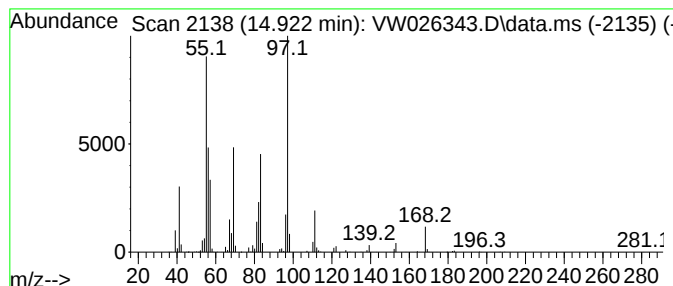
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Quant Title : SFAM01.0

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

Peak Number 43 (DEL) Alkane: Cyclic14.922 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	17.08 ug/L	551128	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclododecane	168	C12H24	000294-62-2	50
2			2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	46
3			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	46
4			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	43
5			Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

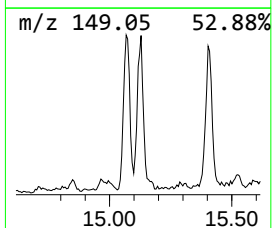
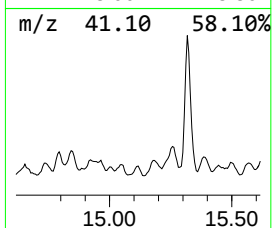
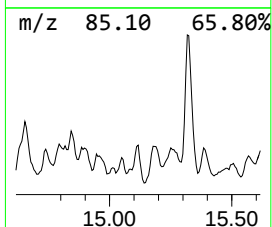
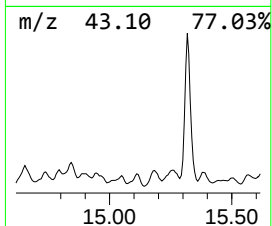
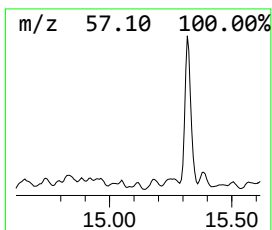
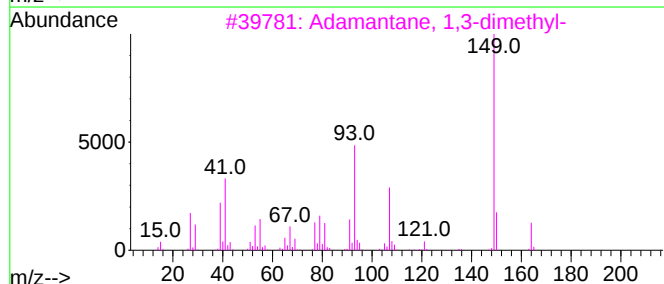
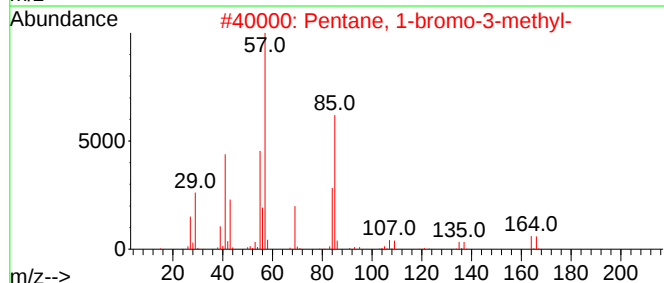
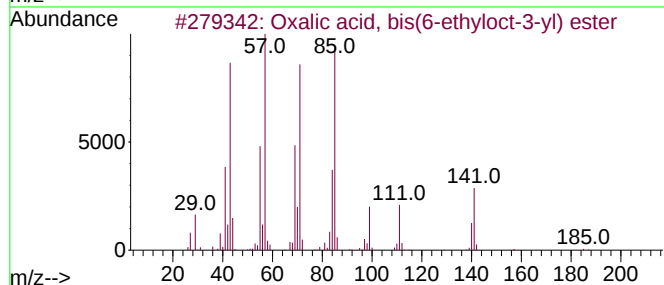
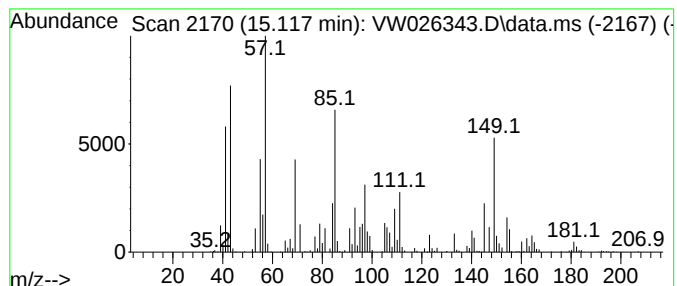
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Quant Title : SFAM01.0

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

Peak Number 44 unknown-04 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.117	14.74 ug/L	475687	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, bis(6-ethyloct-3-yl...)	370	C22H42O4	1000309-34-6	22
2			Pentane, 1-bromo-3-methyl-	164	C6H13Br	051116-73-5	18
3			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	15
4			Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	15
5			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

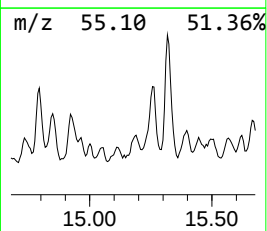
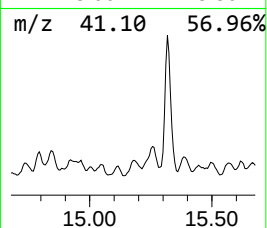
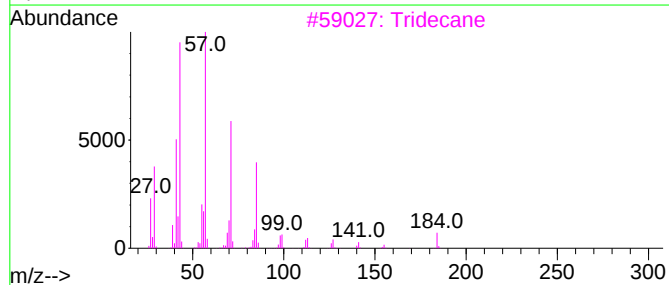
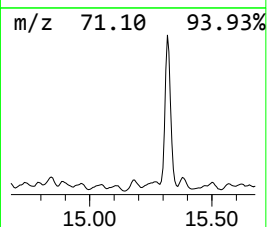
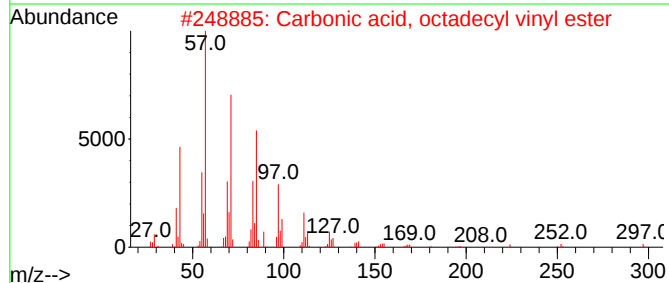
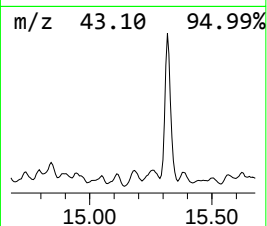
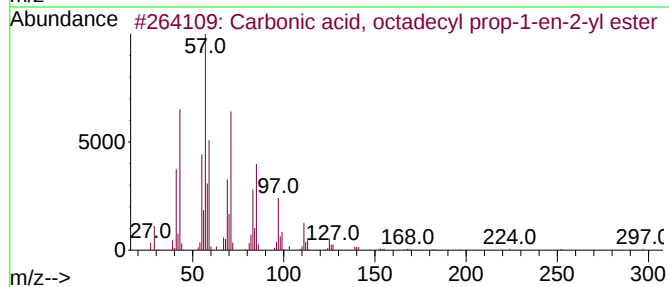
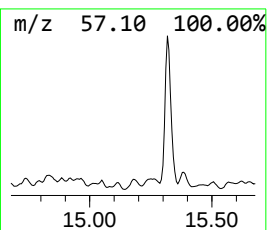
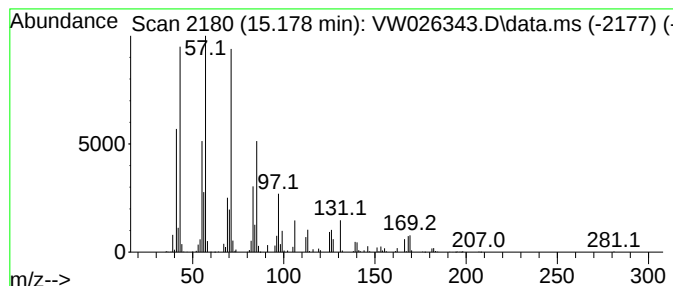
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Quant Title : SFAM01.0

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

Peak Number 45 Carbonic acid, octadecyl pr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.178	36.57 ug/L	1180370	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	74
2			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	72
3			Tridecane	184	C13H28	000629-50-5	70
4			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	62
5			Pentyl tetratriacontyl ether	565	C39H80O	1010406-42-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

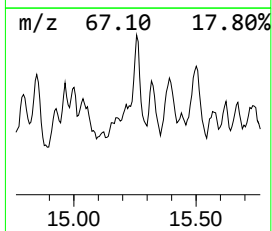
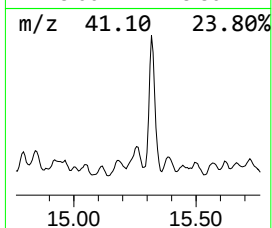
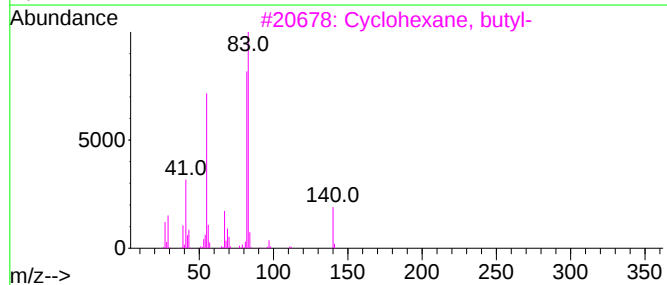
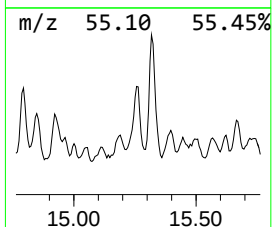
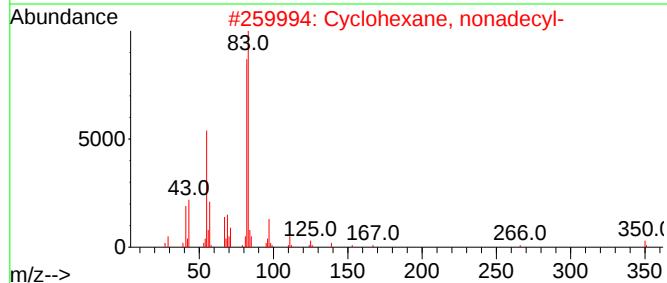
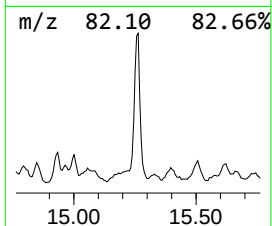
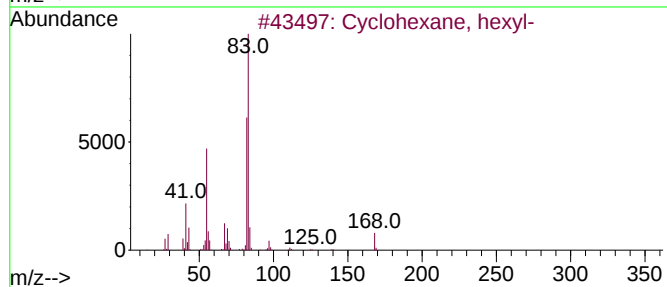
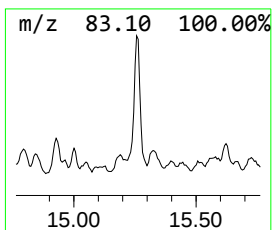
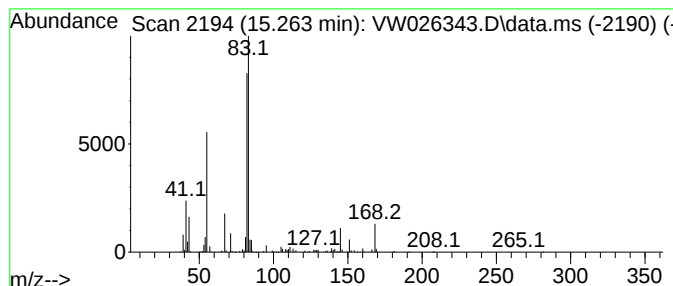
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Quant Title : SFAM01.0

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

Peak Number 46 (DEL) Alkane: Cyclic15.263 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.263	54.42 ug/L	1756380	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, nonadecyl-	350	C25H50	022349-03-7	72
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

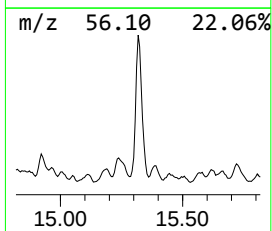
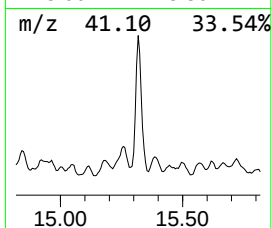
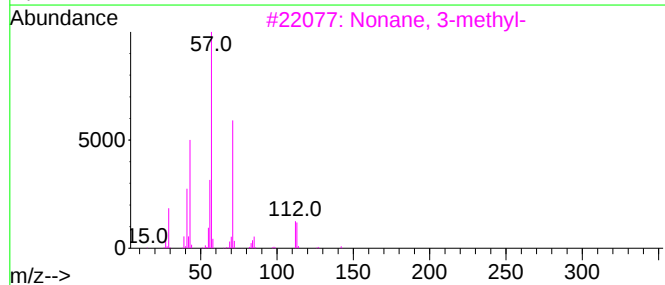
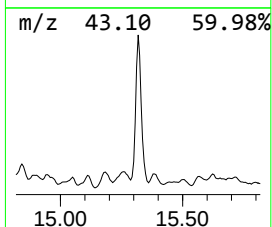
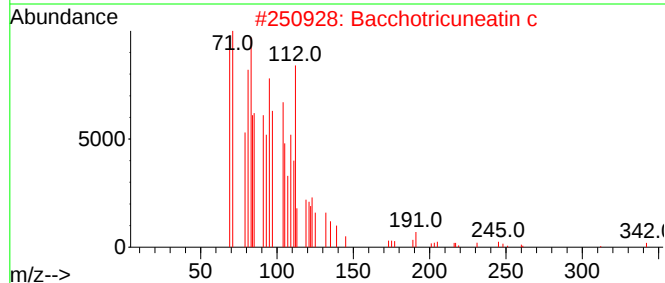
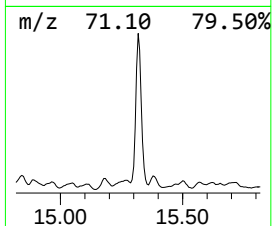
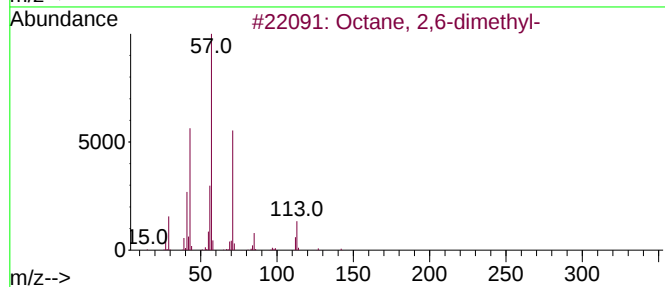
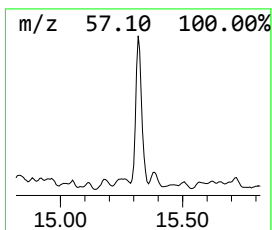
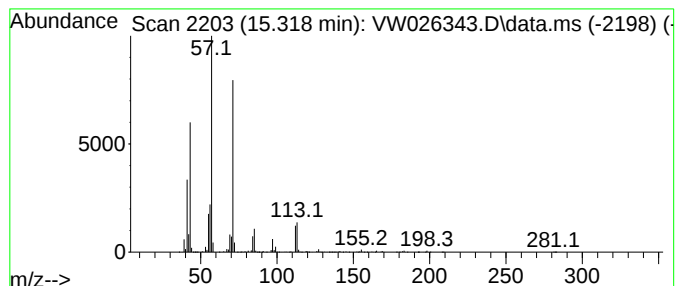
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Quant Title : SFAM01.0

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	242.72 ug/L	7833660	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

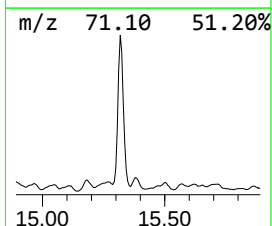
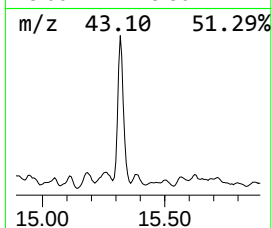
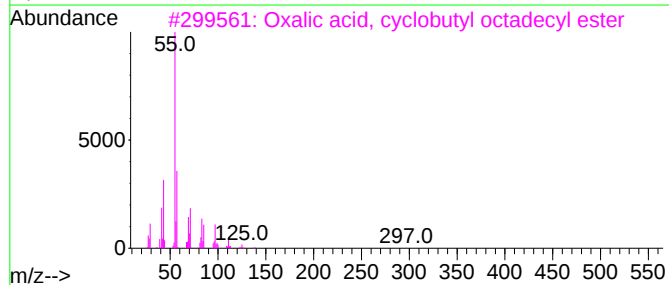
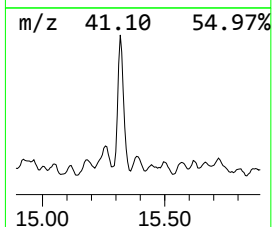
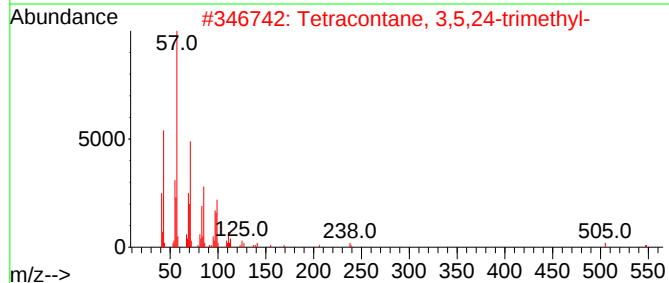
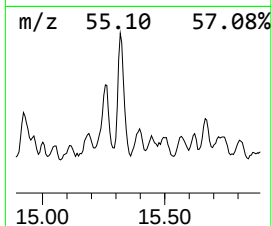
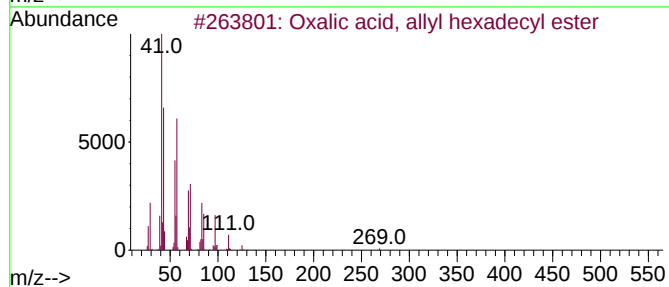
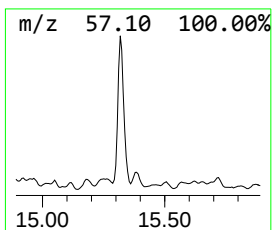
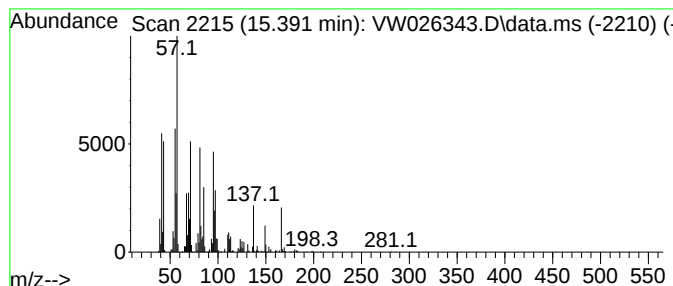
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Quant Title : SFAM01.0

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

Peak Number 48 unknown-05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	38.27 ug/L	1235280	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	38
2			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	27
3			Oxalic acid, cyclobutyl octadecyl ester	396	C24H44O4	1000309-70-8	27
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	25
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

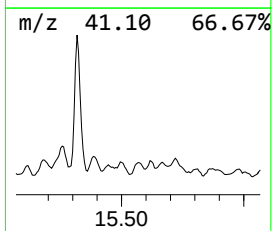
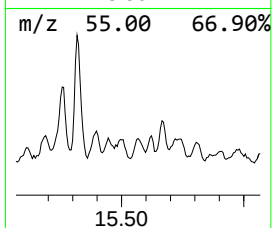
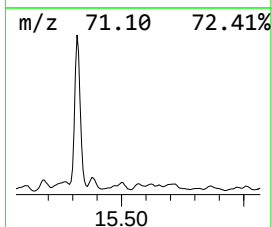
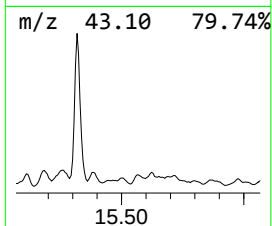
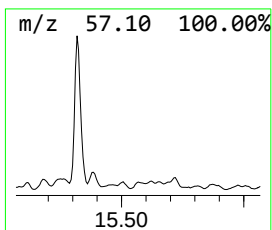
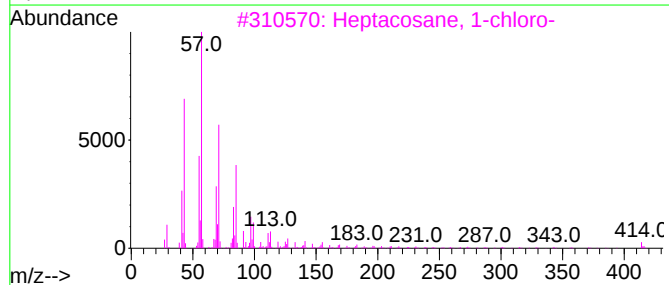
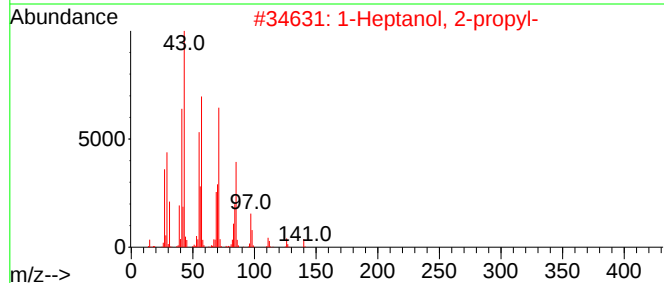
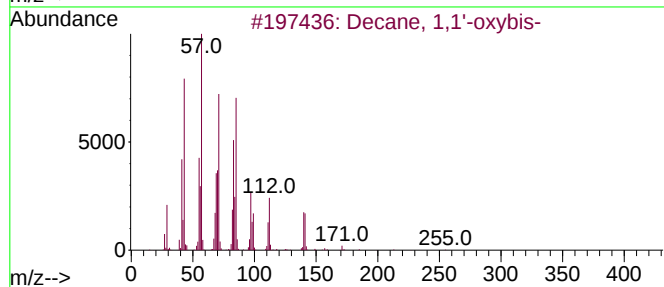
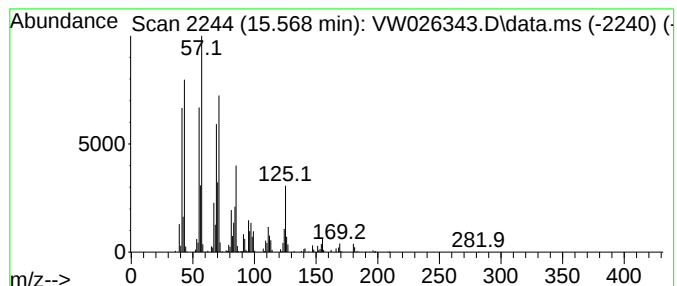
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Quant Title : SFAM01.0

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

Peak Number 49 Decane, 1,1'-oxybis- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.568	25.28 ug/L	815987	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	58
2			1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	49
3			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	47
4			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	46
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

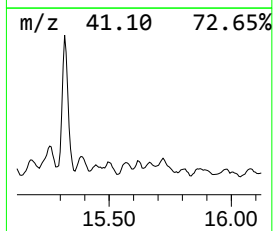
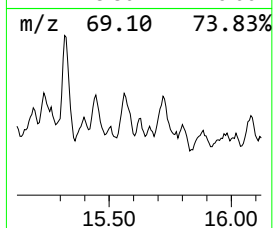
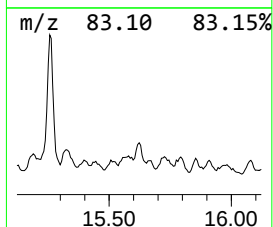
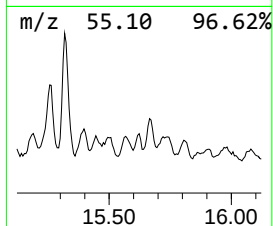
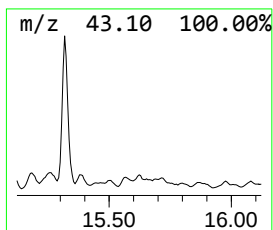
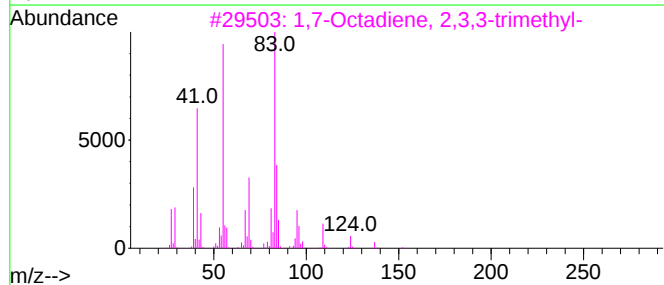
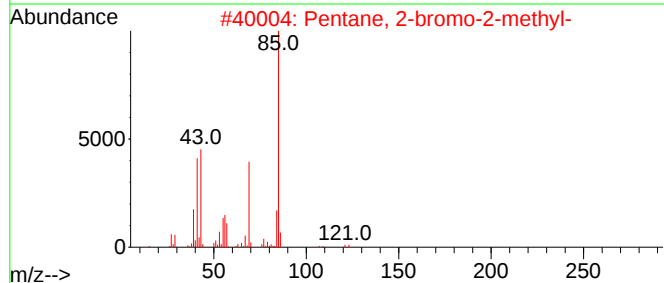
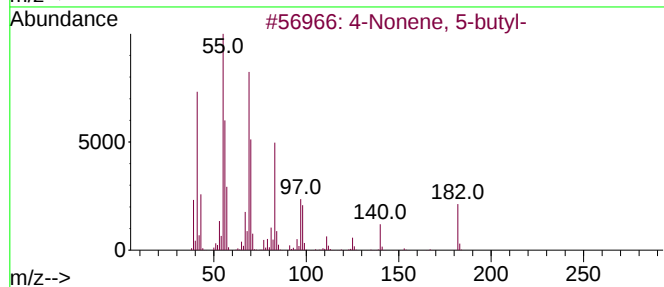
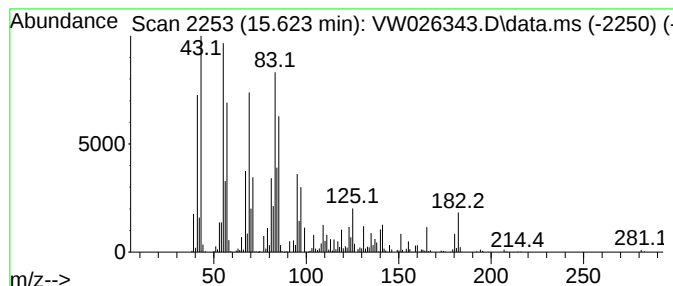
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Quant Title : SFAM01.0

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

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.623	11.96 ug/L	386024	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 5-butyl-	182	C13H26	007367-38-6	43	
2	Pentane, 2-bromo-2-methyl-	164	C6H13Br	004283-80-1	30	
3	1,7-Octadiene, 2,3,3-trimethyl-	152	C11H20	1000150-47-7	25	
4	Pyridine-3-carboxamide, oxime, N...	281	C13H10F3N3O	288246-53-7	25	
5	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	25	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

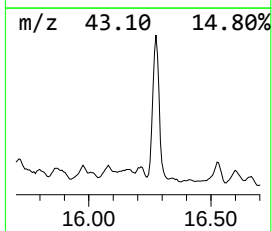
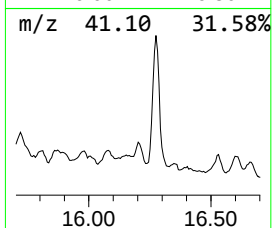
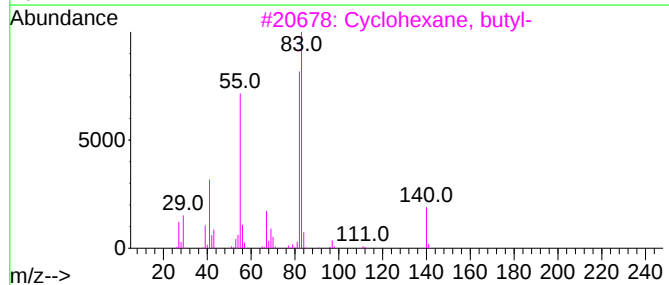
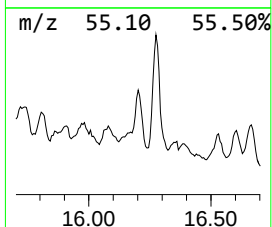
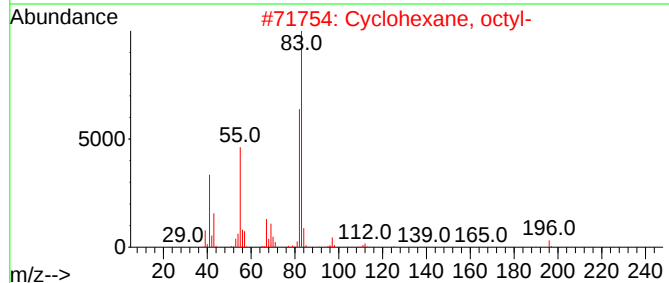
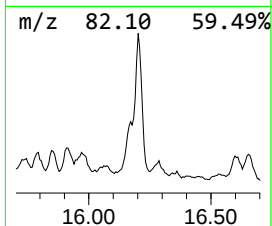
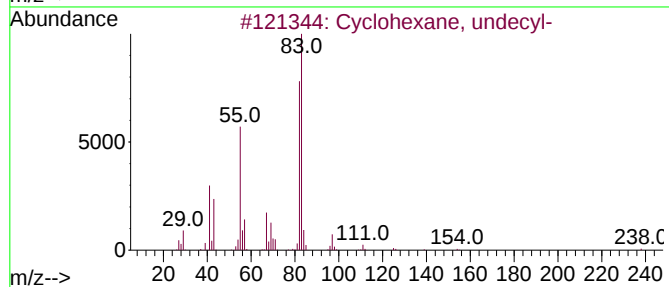
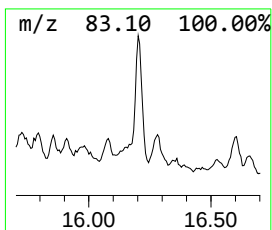
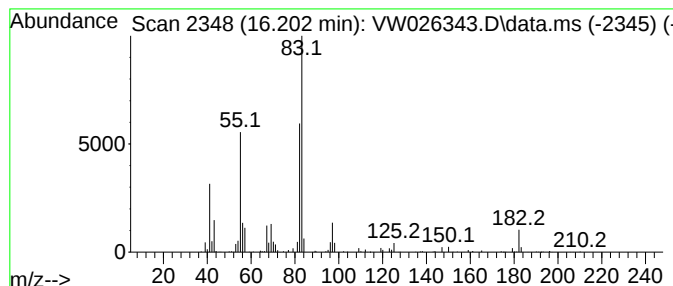
Instrument :
MSVOA_W
ClientSampleId :
A4634

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 51 (DEL) Alkane: Cyclic16.202 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.202	22.45 ug/L	724629	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, undecyl-		238	C17H34	054105-66-7	80
2	Cyclohexane, octyl-		196	C14H28	001795-15-9	72
3	Cyclohexane, butyl-		140	C10H20	001678-93-9	64
4	Heptylcyclohexane		182	C13H26	005617-41-4	58
5	Cyclohexane, ethyl-		112	C8H16	001678-91-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

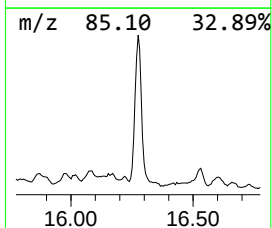
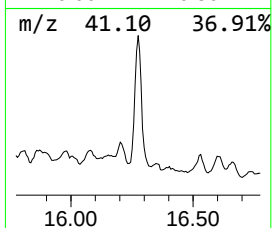
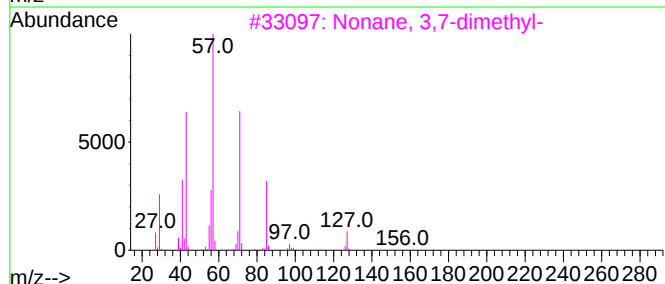
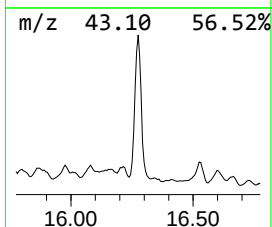
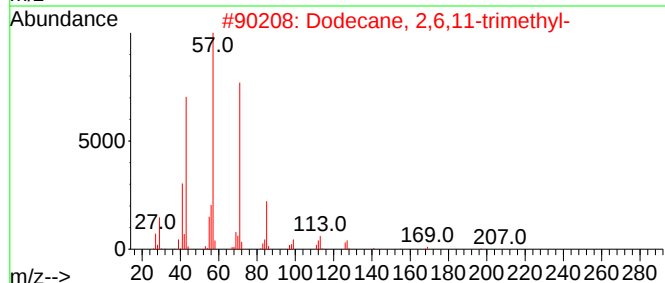
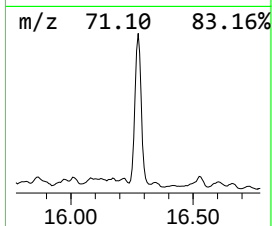
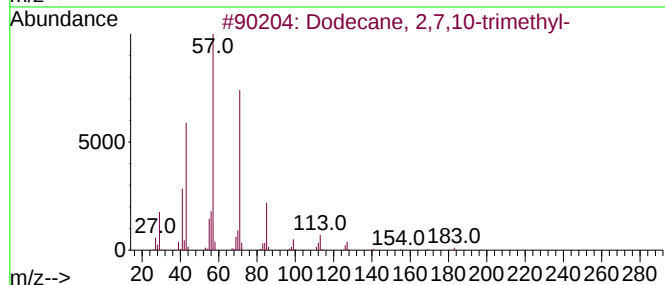
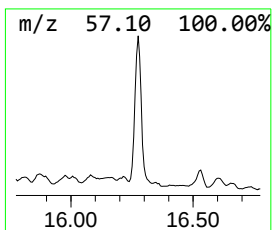
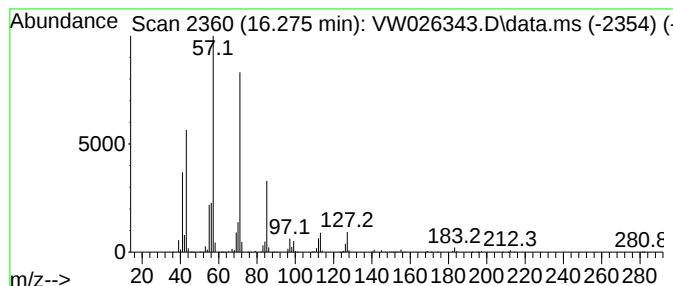
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Quant Title : SFAM01.0

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

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	154.00 ug/L	4970430	1,4-Dichlorobenzene-d4	13.556

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

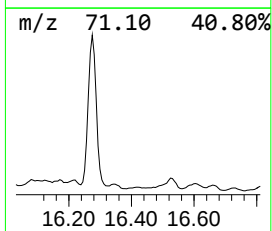
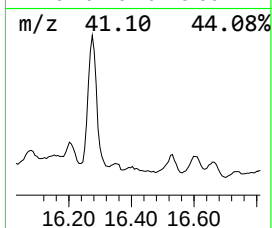
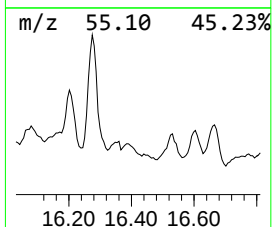
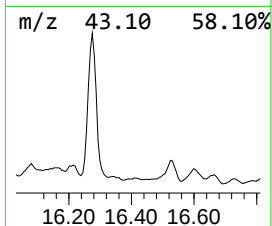
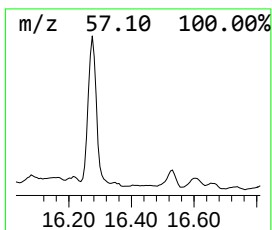
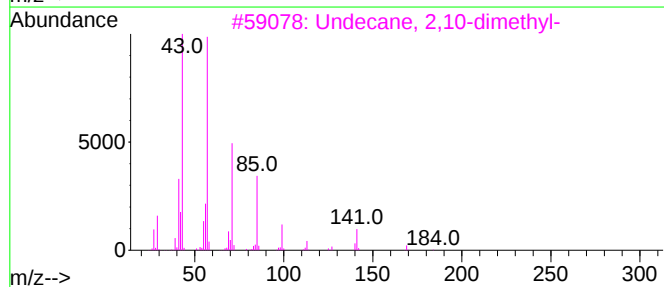
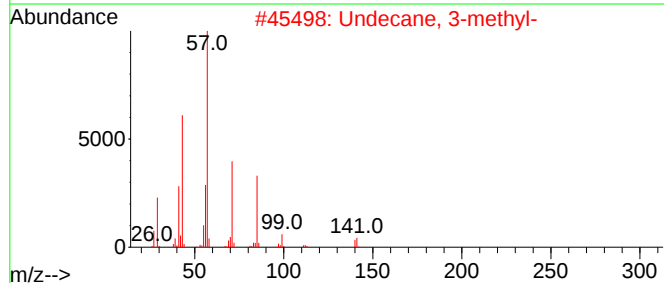
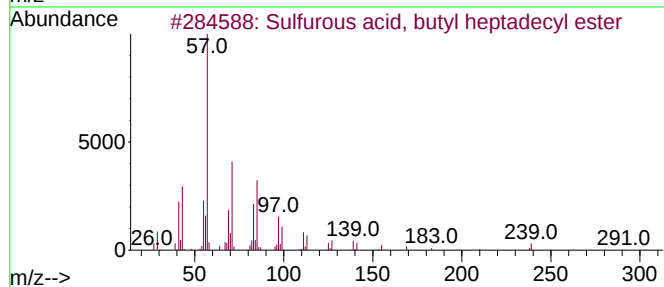
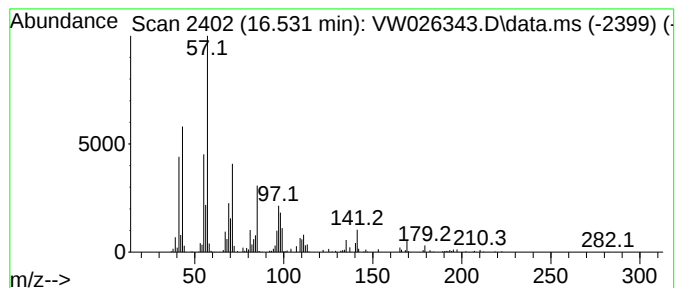
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Quant Title : SFAM01.0

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

Peak Number 53 Sulfurous acid, butyl hepta... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.531	17.98 ug/L	580419	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	72
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
3			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	62
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	58
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026343.D
Acq On : 27 Jun 2023 10:38
Operator : SY/MD
Sample : 03421-02
Misc : 5.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4634

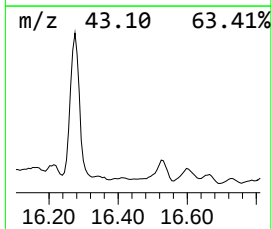
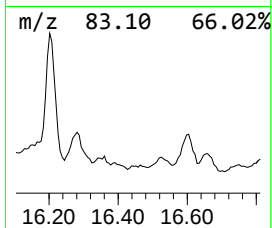
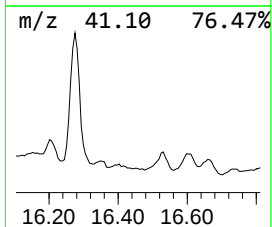
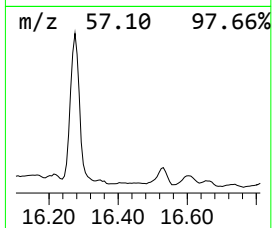
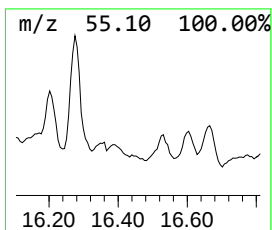
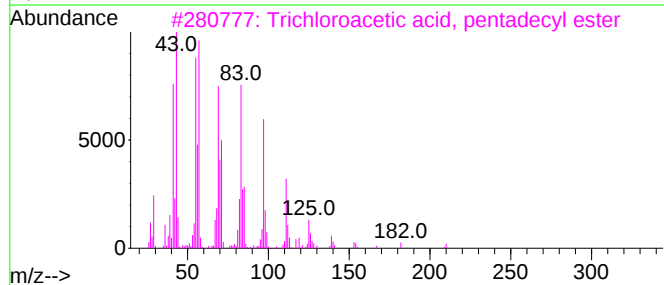
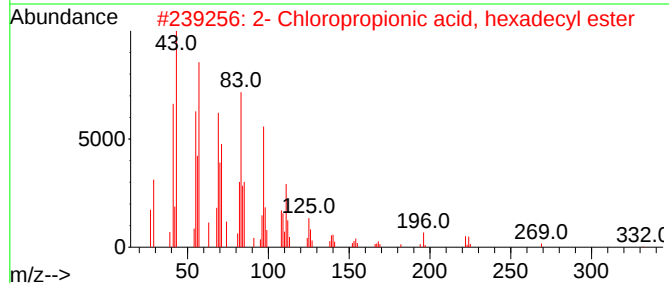
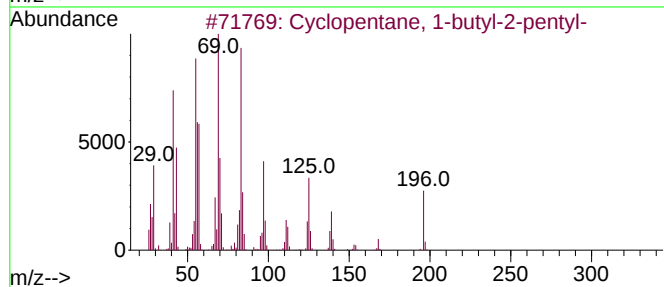
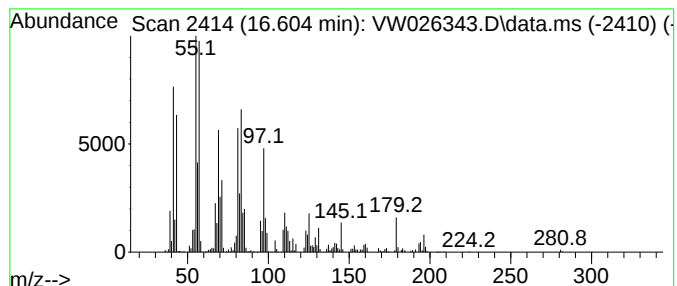
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 54 (DEL) Alkane: Cyclic16.604 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.604	16.96 ug/L	547224	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	78
2			2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	70
3			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	68
4			1-Docosene	308	C22H44	001599-67-3	64
5			Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026343.D
 Acq On : 27 Jun 2023 10:38
 Operator : SY/MD
 Sample : 03421-02
 Misc : 5.54g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4634

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	1.5	ug/L	96038	2	11.629	1571020	25.0	
(DEL) Alkane: C...	10.764	1.7	ug/L	108721	2	11.629	1571020	25.0	
(DEL) Alkane: S...	11.032	2.4	ug/L	147933	2	11.629	1571020	25.0	
(DEL) Alkane: C...	11.178	1.8	ug/L	113064	2	11.629	1571020	25.0	
(DEL) Alkane: C...	11.227	3.4	ug/L	211086	2	11.629	1571020	25.0	
(DEL) Alkane: S...	11.337	2.3	ug/L	141299	2	11.629	1571020	25.0	
(DEL) Alkane: C...	11.434	1.8	ug/L	110828	2	11.629	1571020	25.0	
(DEL) Alkane: S...	11.508	2.3	ug/L	145090	2	11.629	1571020	25.0	
(DEL) Alkane: C...	11.812	1.5	ug/L	93614	2	11.629	1571020	25.0	
(DEL) Alkane: C...	11.873	4.2	ug/L	263168	2	11.629	1571020	25.0	
(DEL) Alkane: C...	11.916	2.1	ug/L	129827	2	11.629	1571020	25.0	
(DEL) Alkane: S...	12.062	2.5	ug/L	154460	2	11.629	1571020	25.0	
(DEL) Alkane: C...	12.135	9.9	ug/L	623713	2	11.629	1571020	25.0	
(DEL) Alkane: S...	12.251	11.8	ug/L	739457	2	11.629	1571020	25.0	
(DEL) Alkane: S...	12.361	23.5	ug/L	1478420	2	11.629	1571020	25.0	
(DEL) Alkane: S...	12.501	11.8	ug/L	743856	2	11.629	1571020	25.0	
(DEL) Alkane: S...	12.587	7.4	ug/L	464207	2	11.629	1571020	25.0	
(DEL) Alkane: S...	12.776	32.0	ug/L	1031620	3	13.556	806866	25.0	
(DEL) Alkane: C...	12.861	15.6	ug/L	502805	3	13.556	806866	25.0	
2,4-Dimethyl-1,...	12.940	48.1	ug/L	1551250	3	13.556	806866	25.0	
(DEL) Alkane: S...	13.074	13.9	ug/L	447698	3	13.556	806866	25.0	
5-Octen-4-one, ...	13.123	12.2	ug/L	394614	3	13.556	806866	25.0	
(DEL) Alkane: S...	13.160	15.9	ug/L	513847	3	13.556	806866	25.0	
(DEL) Alkane: S...	13.288	32.5	ug/L	1050670	3	13.556	806866	25.0	
(DEL) Alkane: S...	13.342	19.6	ug/L	632167	3	13.556	806866	25.0	
unknown-01	13.373	8.8	ug/L	282946	3	13.556	806866	25.0	
(DEL) Alkane: S...	13.403	28.8	ug/L	930405	3	13.556	806866	25.0	
(DEL) Alkane: C...	13.446	37.6	ug/L	1212570	3	13.556	806866	25.0	
(DEL) Alkane: S...	13.483	23.4	ug/L	753947	3	13.556	806866	25.0	
(DEL) Alkane: C...	13.696	19.6	ug/L	633102	3	13.556	806866	25.0	
(DEL) Alkane: S...	13.763	12.9	ug/L	417436	3	13.556	806866	25.0	
(DEL) Alkane: C...	13.916	24.1	ug/L	779070	3	13.556	806866	25.0	
(DEL) Alkane: C...	13.977	18.3	ug/L	591815	3	13.556	806866	25.0	
(DEL) Alkane: S...	14.190	20.1	ug/L	647832	3	13.556	806866	25.0	
(DEL) Alkane: S...	14.257	40.1	ug/L	1292790	3	13.556	806866	25.0	
unknown-02	14.312	13.7	ug/L	441288	3	13.556	806866	25.0	
Cyclohexane, 2-...	14.379	88.3	ug/L	2851440	3	13.556	806866	25.0	
(DEL) Alkane: S...	14.495	88.9	ug/L	2867950	3	13.556	806866	25.0	
(DEL) Alkane: S...	14.733	18.9	ug/L	611764	3	13.556	806866	25.0	
(DEL) Alkane: C...	14.794	44.5	ug/L	1435420	3	13.556	806866	25.0	
unknown-03	14.848	43.7	ug/L	1410000	3	13.556	806866	25.0	
(DEL) Alkane: C...	14.922	17.1	ug/L	551128	3	13.556	806866	25.0	
unknown-04	15.117	14.7	ug/L	475687	3	13.556	806866	25.0	
Carbonic acid, ...	15.178	36.6	ug/L	1180370	3	13.556	806866	25.0	
(DEL) Alkane: C...	15.263	54.4	ug/L	1756380	3	13.556	806866	25.0	
(DEL) Alkane: S...	15.318	242.7	ug/L	7833660	3	13.556	806866	25.0	
unknown-05	15.391	38.3	ug/L	1235280	3	13.556	806866	25.0	
Decane, 1,1'-ox...	15.568	25.3	ug/L	815987	3	13.556	806866	25.0	
(DEL) Alkane: S...	15.623	12.0	ug/L	386024	3	13.556	806866	25.0	
(DEL) Alkane: C...	16.202	22.4	ug/L	724629	3	13.556	806866	25.0	
(DEL) Alkane: S...	16.275	154.0	ug/L	4970430	3	13.556	806866	25.0	
Sulfurous acid,...	16.531	18.0	ug/L	580419	3	13.556	806866	25.0	

Instrument :
MSVOA_W
ClientSampleId :
A4634