

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
 Data File : VW025527.D
 Acq On : 31 Mar 2023 13:02
 Operator : SY/MD
 Sample : 02130-05RE
 Misc : 4.75g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C1194RE

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\SFAMWLM030623SMA.M
 Title : SFAM01.0

Signal : TIC: VW025527.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	72	78	90	rVB	122121	278785	2.21%	0.778%
2	2.893	157	165	180	rBV	109335	310536	2.46%	0.867%
3	3.033	183	188	197	rVB3	23068	55846	0.44%	0.156%
4	3.393	240	247	258	rBV	41155	101695	0.81%	0.284%
5	4.021	339	350	363	rBV	299455	920583	7.29%	2.569%
6	4.381	401	409	419	rBV2	14204	42150	0.33%	0.118%
7	4.960	487	504	518	rBV4	49371	270460	2.14%	0.755%
8	5.435	569	582	595	rBV3	41624	159041	1.26%	0.444%
9	5.941	653	665	674	rBV3	63943	191676	1.52%	0.535%
10	6.880	809	819	827	rBV3	6504	21234	0.17%	0.059%
11	6.984	827	836	842	rBV4	11361	31469	0.25%	0.088%
12	7.075	843	851	857	rBV	94084	266447	2.11%	0.744%
13	7.648	933	945	960	rBV	573372	1413535	11.19%	3.945%
14	7.923	982	990	1001	rBV2	79532	190037	1.50%	0.530%
15	8.032	1001	1008	1019	rVB2	34543	88746	0.70%	0.248%
16	8.154	1019	1028	1037	rBV	157638	356142	2.82%	0.994%
17	8.276	1037	1048	1065	rBV2	1123007	3316558	26.25%	9.255%
18	8.422	1065	1072	1081	rVB2	28087	70523	0.56%	0.197%
19	8.514	1081	1087	1092	rBV10	4969	11544	0.09%	0.032%
20	8.691	1109	1116	1128	rVB	108930	225181	1.78%	0.628%
21	8.843	1131	1141	1155	rBV	1100030	2177407	17.24%	6.076%
22	9.093	1174	1182	1191	rBV	61996	128123	1.01%	0.358%
23	9.276	1203	1212	1220	rBV	788036	1640874	12.99%	4.579%
24	9.386	1225	1230	1237	rVB2	25962	53787	0.43%	0.150%
25	9.514	1244	1251	1259	rVB2	30976	66051	0.52%	0.184%
26	9.599	1259	1265	1266	rBV6	4123	7824	0.06%	0.022%
27	9.752	1285	1290	1294	rBV7	8147	15386	0.12%	0.043%
28	9.898	1308	1314	1318	rBV	33782	57250	0.45%	0.160%
29	9.953	1318	1323	1327	rBV	85702	167027	1.32%	0.466%
30	9.989	1327	1329	1331	rVV	60070	74740	0.59%	0.209%
31	10.032	1331	1336	1341	rVV	332756	607227	4.81%	1.695%
32	10.093	1341	1346	1358	rVB	172605	428057	3.39%	1.195%
33	10.245	1367	1371	1376	rVB5	5354	9611	0.08%	0.027%
34	10.318	1376	1383	1391	rBV	1263878	2282240	18.07%	6.369%
35	10.447	1400	1404	1406	rBV4	12180	16433	0.13%	0.046%
36	10.501	1406	1413	1419	rVB	137396	233892	1.85%	0.653%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Title : SFAM01.0

37	10.575	1419	1425	1431	rBV	186531	324672	2.57%	0.906%
38	10.696	1439	1445	1452	rBV2	21659	44298	0.35%	0.124%
39	10.764	1452	1456	1463	rVB10	7083	16312	0.13%	0.046%
40	10.861	1463	1472	1478	rBV	7300553	12632412	100.00%	35.253%
41	10.922	1478	1482	1491	rVV	297856	552348	4.37%	1.541%
42	10.989	1491	1493	1497	rVV5	14081	23965	0.19%	0.067%
43	11.062	1497	1505	1509	rVV3	46830	129255	1.02%	0.361%
44	11.099	1509	1511	1521	rVV2	28289	51569	0.41%	0.144%
45	11.178	1521	1524	1527	rVV4	7118	9719	0.08%	0.027%
46	11.221	1528	1531	1536	rVV4	11647	22989	0.18%	0.064%
47	11.276	1537	1540	1545	rVV6	9948	18115	0.14%	0.051%
48	11.337	1546	1550	1552	rVV2	17379	23029	0.18%	0.064%
49	11.404	1552	1561	1572	rVB2	136405	346894	2.75%	0.968%
50	11.507	1572	1578	1583	rBV	134499	216214	1.71%	0.603%
51	11.629	1591	1598	1609	rVB	978264	1648934	13.05%	4.602%
52	11.727	1609	1614	1620	rVV6	13723	24392	0.19%	0.068%
53	11.837	1622	1632	1640	rBV	102243	182364	1.44%	0.509%
54	11.910	1640	1644	1650	rVB6	9862	19573	0.15%	0.055%
55	12.001	1656	1659	1662	rBV4	4874	8556	0.07%	0.024%
56	12.056	1665	1668	1673	rVB6	9394	15496	0.12%	0.043%
57	12.135	1673	1681	1684	rBV2	21574	39700	0.31%	0.111%
58	12.251	1693	1700	1704	rBV2	16213	28943	0.23%	0.081%
59	12.330	1709	1713	1715	rBV4	7293	11005	0.09%	0.031%
60	12.367	1715	1719	1723	rVB4	20843	31469	0.25%	0.088%
61	12.477	1732	1737	1739	rBV2	32794	53654	0.42%	0.150%
62	12.538	1745	1747	1750	rVV	16997	17721	0.14%	0.049%
63	12.605	1754	1758	1762	rBV	41193	68803	0.54%	0.192%
64	12.647	1762	1765	1767	rVV	42497	50044	0.40%	0.140%
65	12.690	1767	1772	1779	rVB	410430	669171	5.30%	1.867%
66	12.928	1804	1811	1816	rBV2	79229	122646	0.97%	0.342%
67	12.989	1817	1821	1825	rVB5	10321	15616	0.12%	0.044%
68	13.074	1831	1835	1838	rBV4	10785	20070	0.16%	0.056%
69	13.123	1839	1843	1846	rVB5	10302	17599	0.14%	0.049%
70	13.227	1856	1860	1867	rVB6	15072	26625	0.21%	0.074%
71	13.287	1867	1870	1875	rVB2	19385	29197	0.23%	0.081%
72	13.348	1876	1880	1885	rBV6	7277	17253	0.14%	0.048%
73	13.403	1886	1889	1892	rVV2	13726	21555	0.17%	0.060%
74	13.434	1892	1894	1897	rVV3	21836	28112	0.22%	0.078%
75	13.476	1897	1901	1904	rVV2	40338	70310	0.56%	0.196%
76	13.513	1904	1907	1909	rVV2	33433	45887	0.36%	0.128%

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 Title : SFAM01.0

77	13.556	1909	1914	1921	rVV	381250	651468	5.16%	1.818%
78	13.617	1921	1924	1931	rVB2	37490	58328	0.46%	0.163%
79	13.757	1943	1947	1950	rVV5	7335	10900	0.09%	0.030%
80	13.848	1955	1962	1970	rBV2	313069	582092	4.61%	1.624%
81	13.946	1976	1978	1984	rVB7	8363	9785	0.08%	0.027%
82	14.025	1986	1991	1993	rBV5	10303	18328	0.15%	0.051%
83	14.062	1993	1997	2003	rVB	41389	72819	0.58%	0.203%
84	14.190	2014	2018	2024	rBV9	12151	20948	0.17%	0.058%
85	14.257	2025	2029	2032	rVB2	11124	16862	0.13%	0.047%
86	14.306	2032	2037	2040	rBV5	10966	21707	0.17%	0.061%
87	14.348	2040	2044	2048	rVV5	21564	45781	0.36%	0.128%
88	14.385	2048	2050	2053	rVV3	16471	21976	0.17%	0.061%
89	14.421	2053	2056	2060	rVV3	14213	19668	0.16%	0.055%
90	14.488	2064	2067	2072	rVB2	17985	23003	0.18%	0.064%
91	14.647	2086	2093	2094	rBV7	3914	8529	0.07%	0.024%
92	14.714	2099	2104	2111	rVB2	34091	52912	0.42%	0.148%
93	14.793	2113	2117	2121	rBV7	6368	12454	0.10%	0.035%
94	15.049	2152	2159	2163	rBV9	5257	11930	0.09%	0.033%
95	15.147	2172	2175	2179	rVB6	5071	8196	0.06%	0.023%
96	15.311	2198	2202	2207	rVB8	6641	11375	0.09%	0.032%
97	15.427	2211	2221	2227	rBV2	80686	142014	1.12%	0.396%
98	15.537	2235	2239	2245	rVB5	8365	14560	0.12%	0.041%
99	15.787	2277	2280	2285	rVB7	4367	6726	0.05%	0.019%
100	15.878	2293	2295	2301	rVB7	3890	6753	0.05%	0.019%

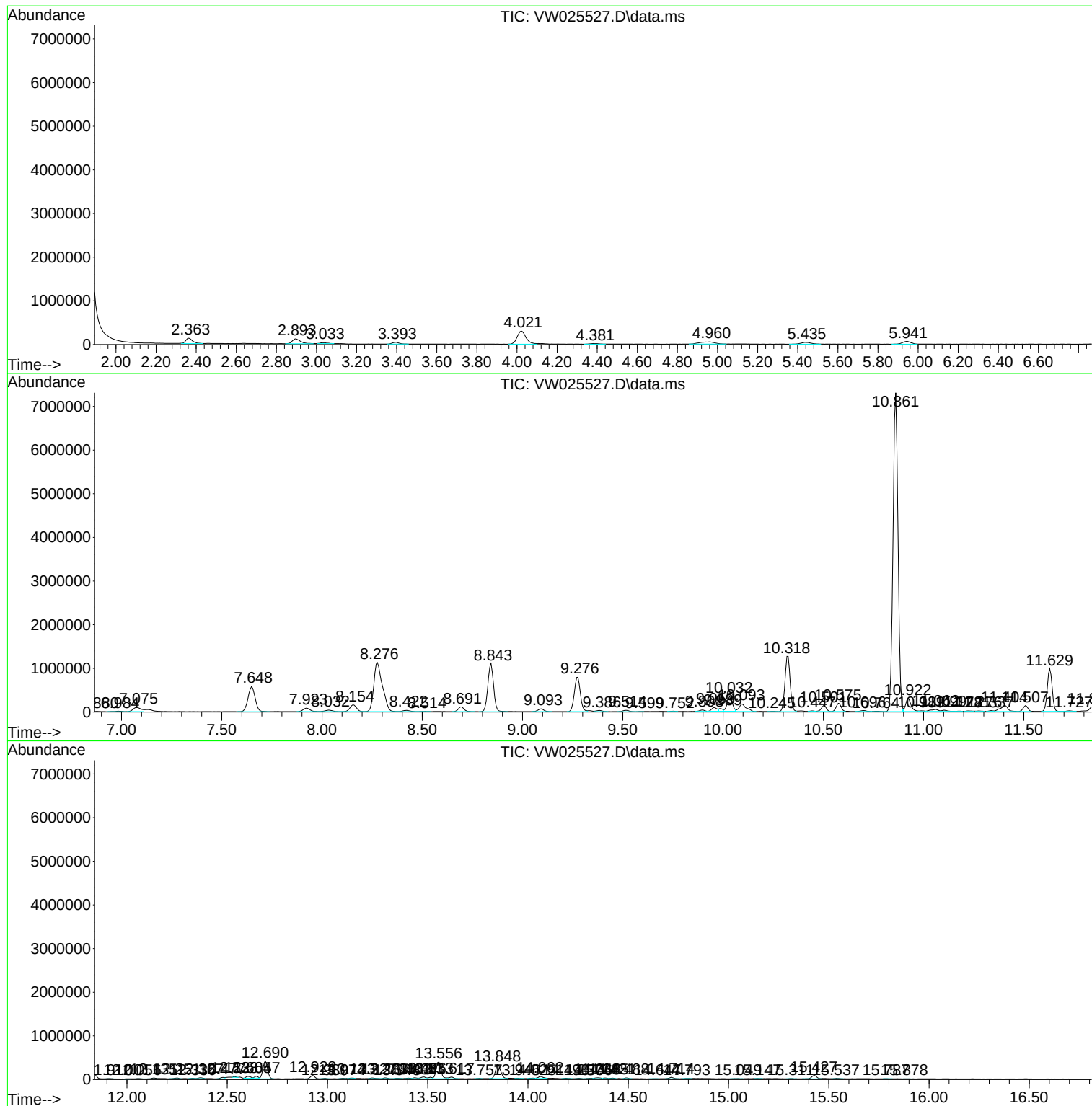
Sum of corrected areas: 35833717

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.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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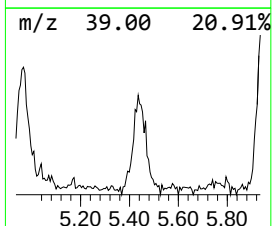
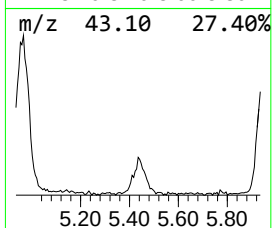
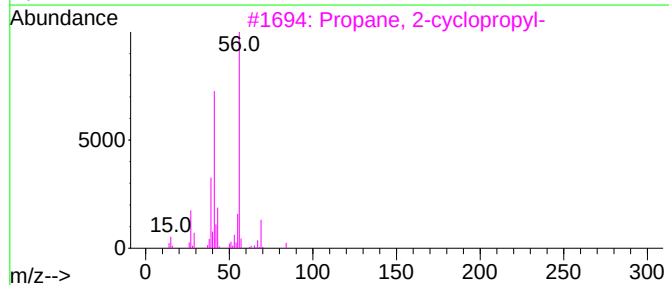
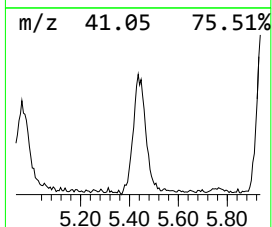
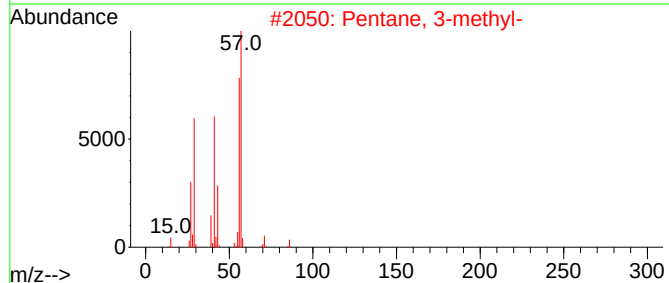
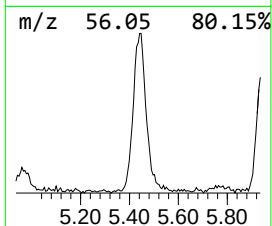
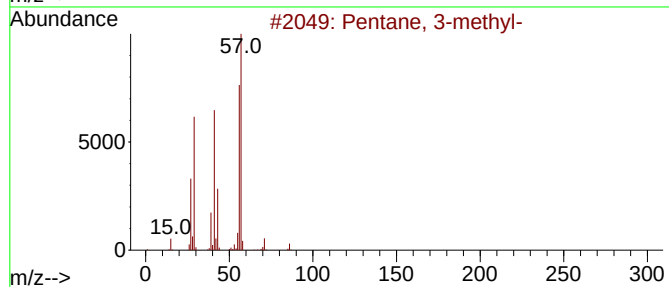
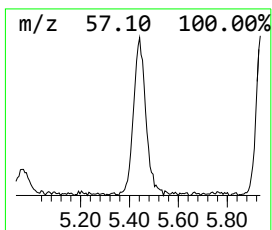
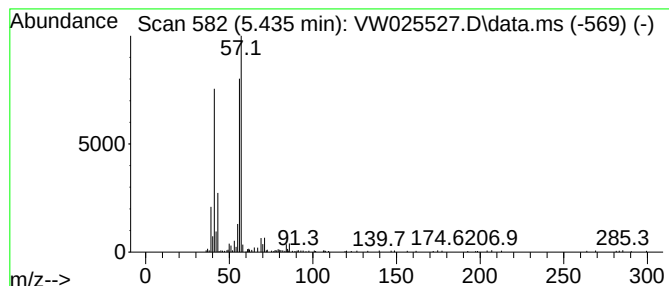
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.435	1.83 ug/L	159041	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2			Pentane, 3-methyl-	86	C6H14	000096-14-0	64
3			Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64
4			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5			Pentane, 3-methyl-	86	C6H14	000096-14-0	59



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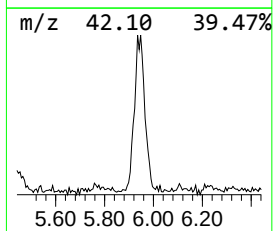
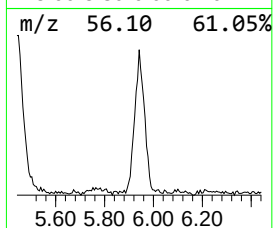
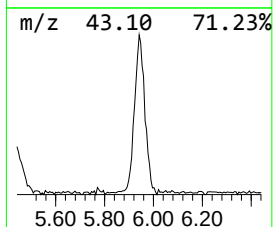
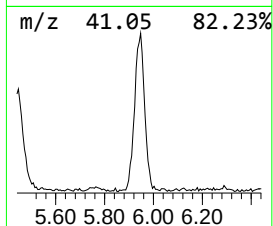
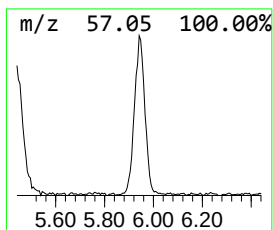
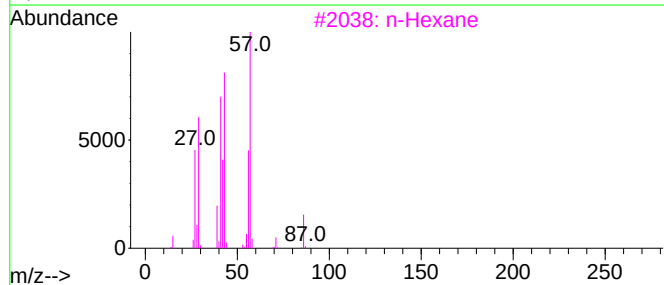
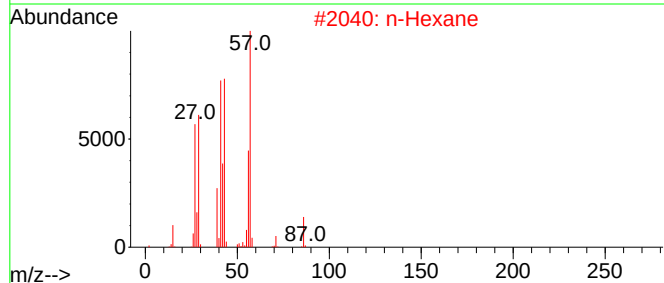
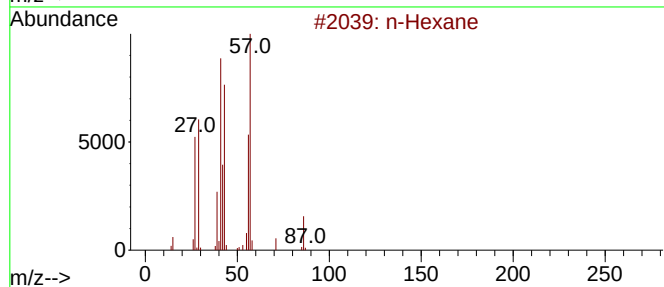
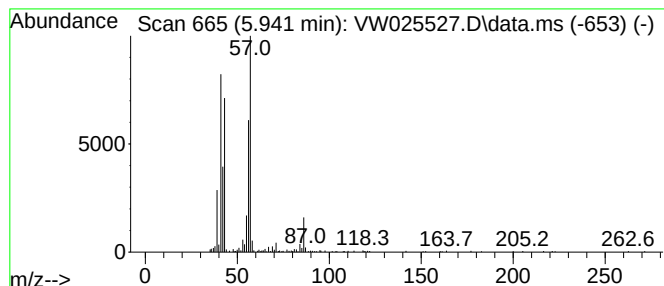
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	2.20 ug/L	191676	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane		86	C6H14	000110-54-3	87
2	n-Hexane		86	C6H14	000110-54-3	86
3	n-Hexane		86	C6H14	000110-54-3	86
4	2-Ethyl-oxetane		86	C5H10O	1010386-40-2	64
5	Hexane, 2,2,5,5-tetramethyl-		142	C10H22	001071-81-4	47



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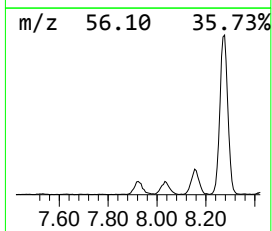
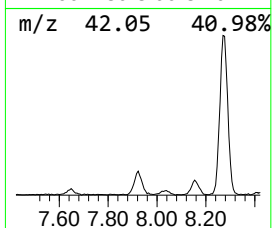
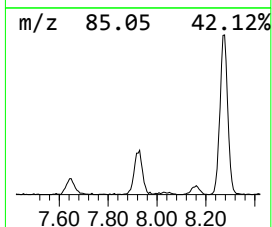
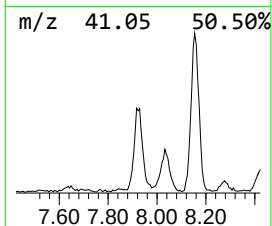
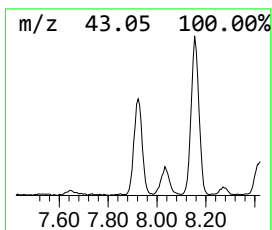
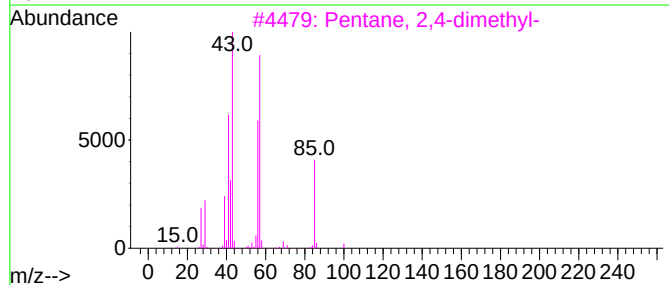
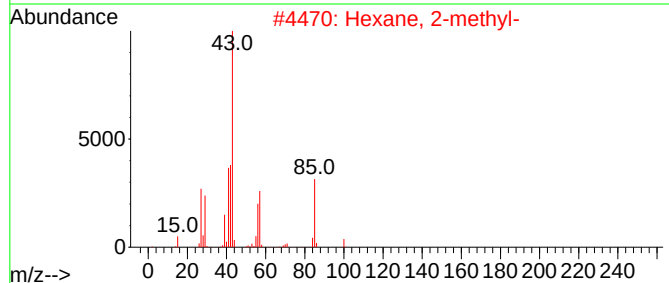
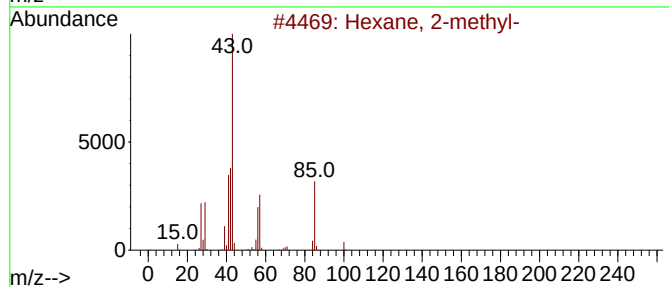
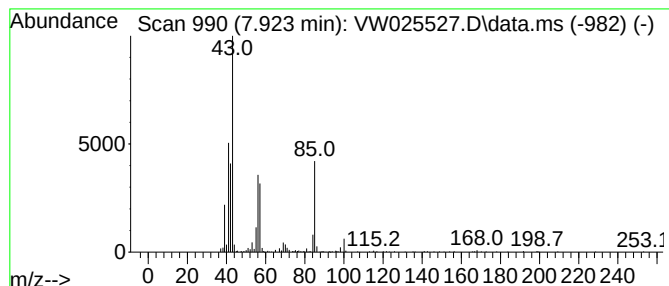
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.923	2.18 ug/L	190037	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2-methyl-	100	C7H16	000591-76-4	86
2			Hexane, 2-methyl-	100	C7H16	000591-76-4	86
3			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
4			Hexane, 2-methyl-	100	C7H16	000591-76-4	64
5			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025527.D
Acq On : 31 Mar 2023 13:02
Operator : SY/MD
Sample : 02130-05RE
Misc : 4.75g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

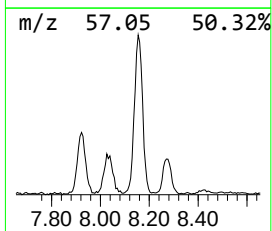
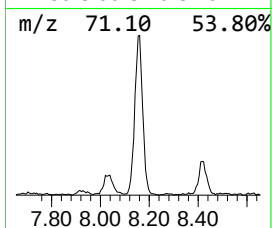
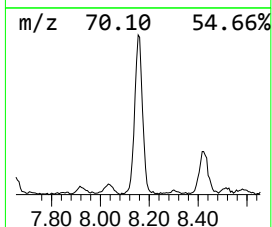
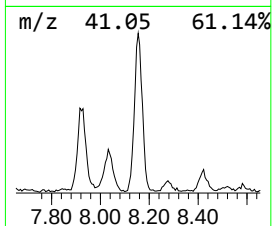
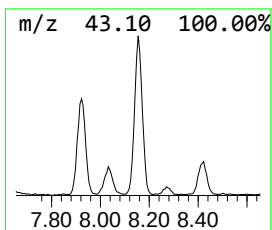
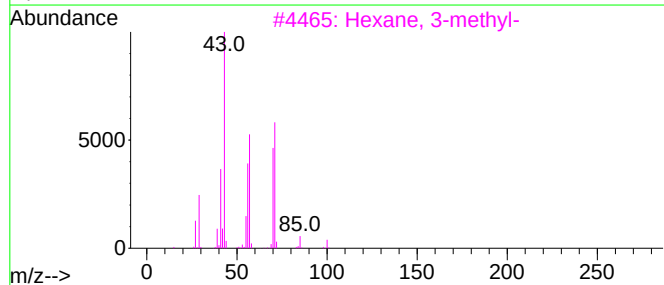
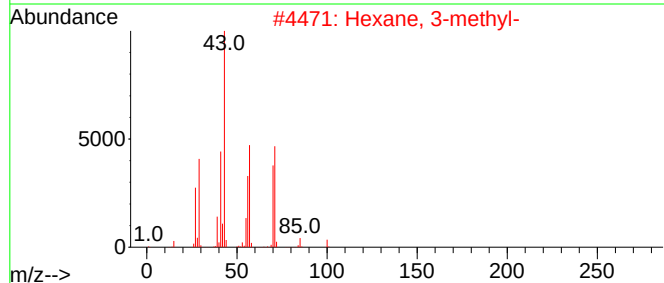
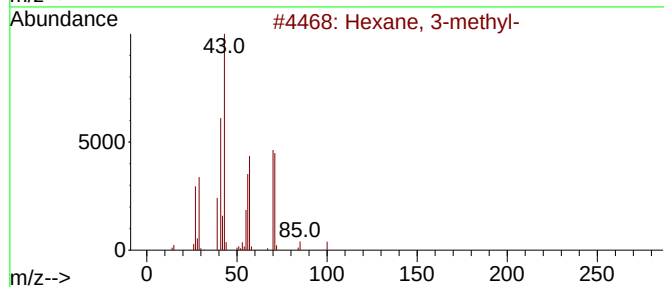
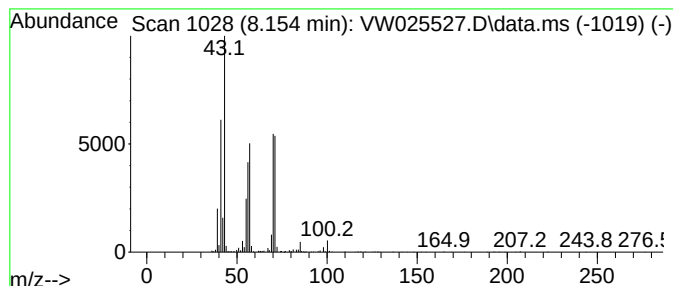
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ClientSampleId :
C1194RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.154	4.09 ug/L	356142	1,4-Difluorobenzene	8.843	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	64
5	Heptane	100	C7H16	000142-82-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025527.D
Acq On : 31 Mar 2023 13:02
Operator : SY/MD
Sample : 02130-05RE
Misc : 4.75g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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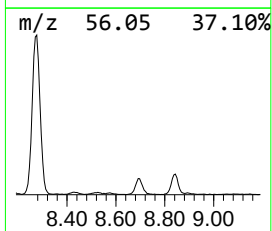
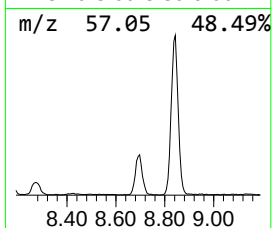
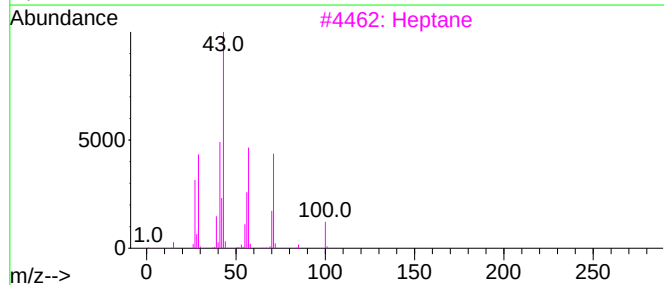
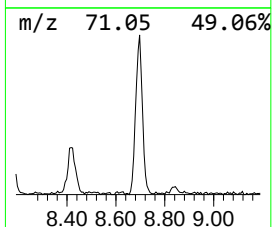
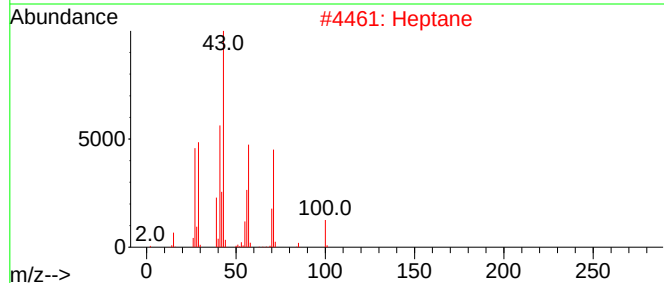
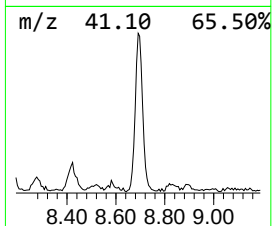
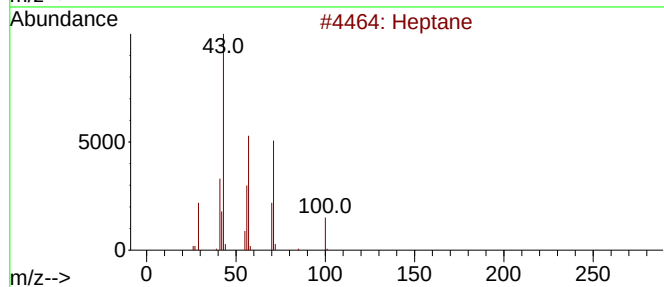
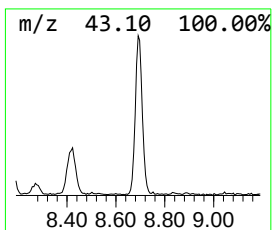
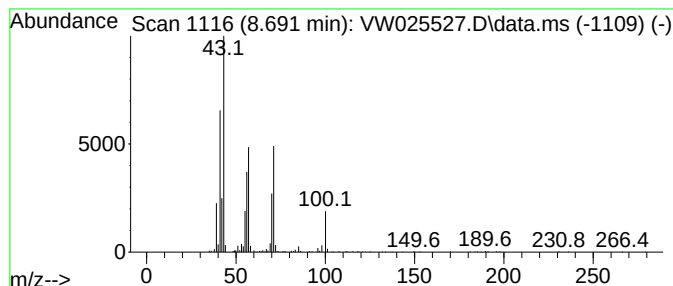
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.691	2.59 ug/L	225181	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	80
2	Heptane			100	C7H16	000142-82-5	78
3	Heptane			100	C7H16	000142-82-5	78
4	Heptane			100	C7H16	000142-82-5	74
5	Hexane, 3-methyl-			100	C7H16	000589-34-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025527.D
Acq On : 31 Mar 2023 13:02
Operator : SY/MD
Sample : 02130-05RE
Misc : 4.75g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

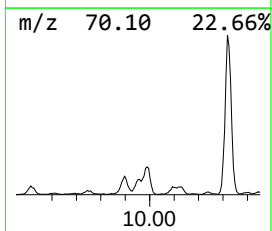
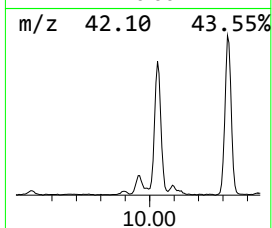
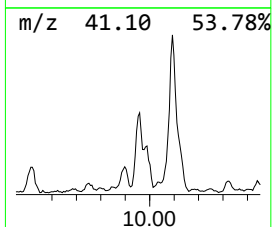
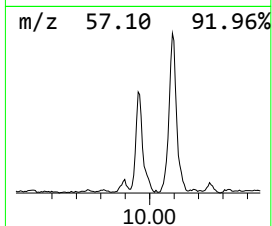
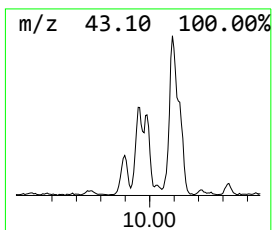
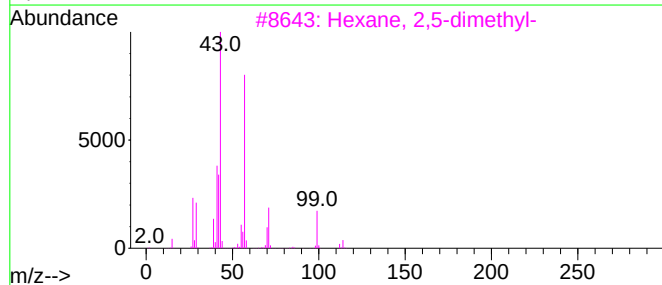
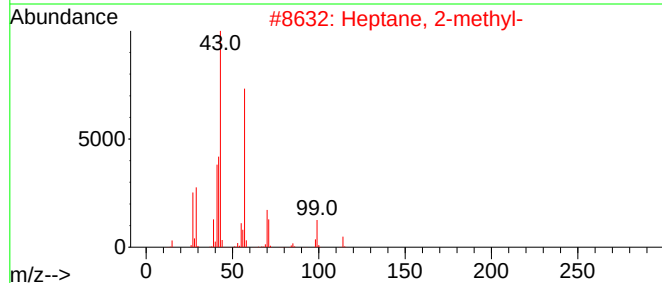
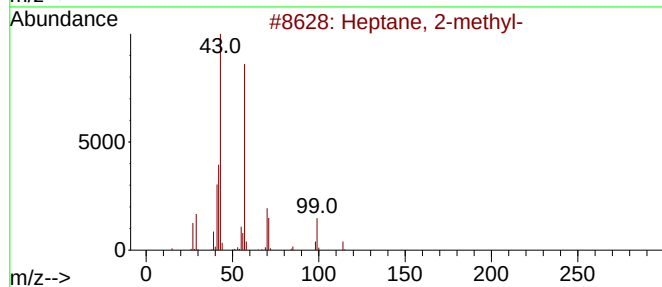
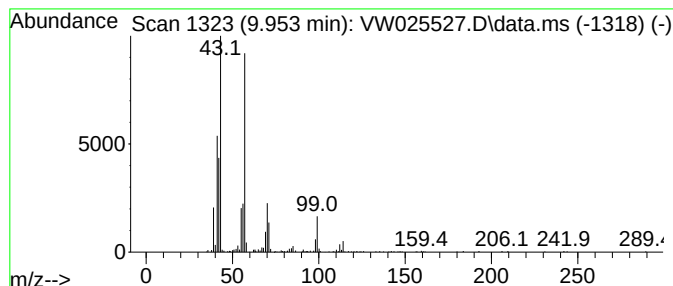
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MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.953	1.92 ug/L	167027	1,4-Difluorobenzene	8.843	
Hit# of 5	Tentative ID		MW MolForm	CAS#	Qual
1	Heptane, 2-methyl-		114 C8H18	000592-27-8	81
2	Heptane, 2-methyl-		114 C8H18	000592-27-8	81
3	Hexane, 2,5-dimethyl-		114 C8H18	000592-13-2	58
4	Hexane, 2,5-dimethyl-		114 C8H18	000592-13-2	50
5	1-Hexanol, 2-ethyl-		130 C8H18O	000104-76-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025527.D
Acq On : 31 Mar 2023 13:02
Operator : SY/MD
Sample : 02130-05RE
Misc : 4.75g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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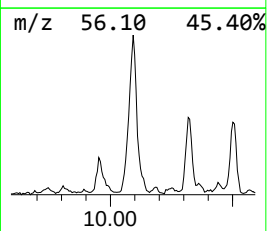
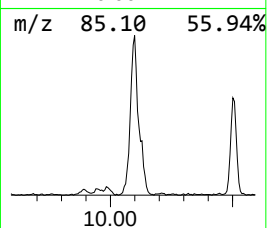
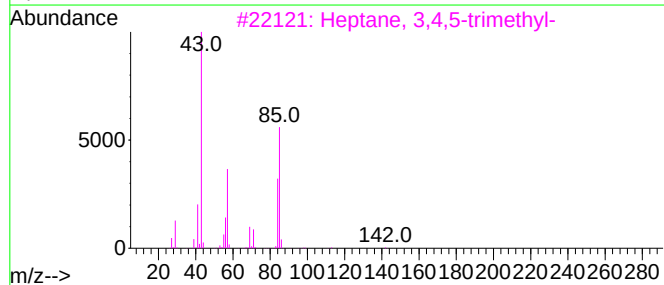
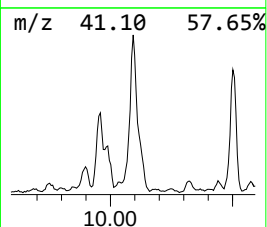
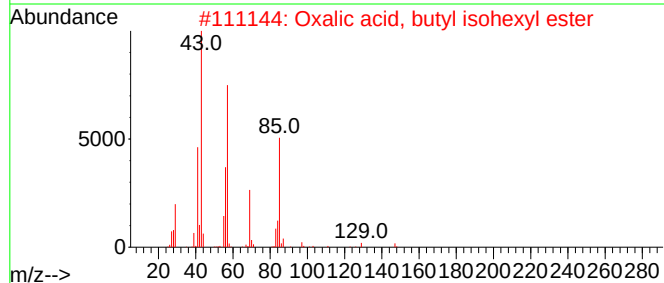
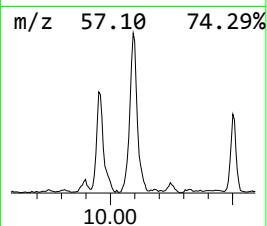
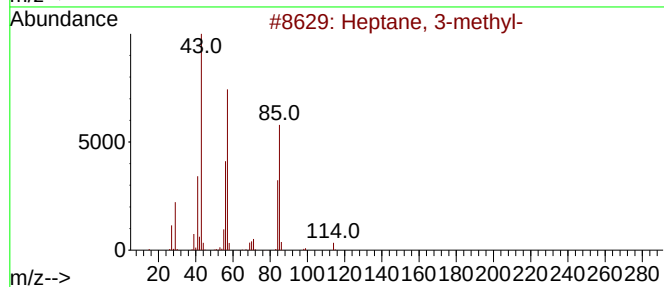
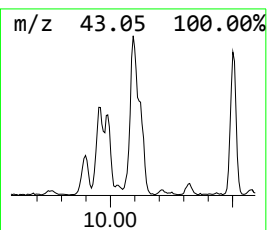
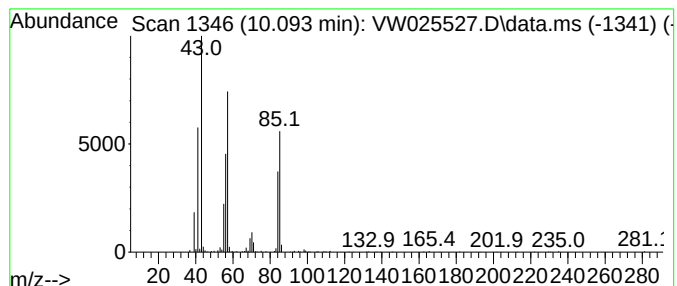
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	4.91 ug/L	428057	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-methyl-	114	C8H18	000589-81-1	78
2		Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
3		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025527.D
Acq On : 31 Mar 2023 13:02
Operator : SY/MD
Sample : 02130-05RE
Misc : 4.75g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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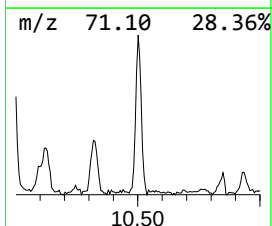
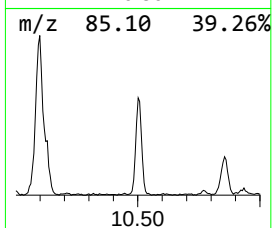
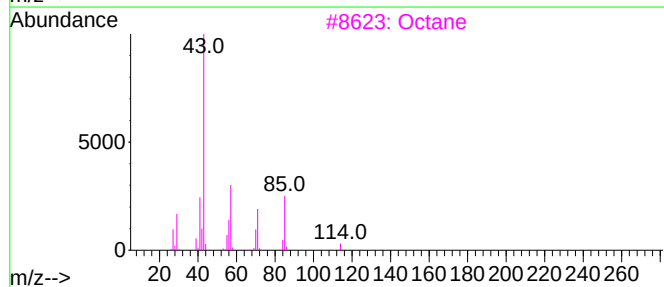
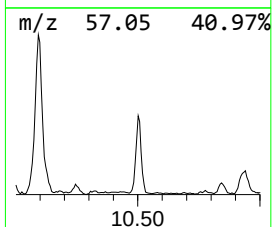
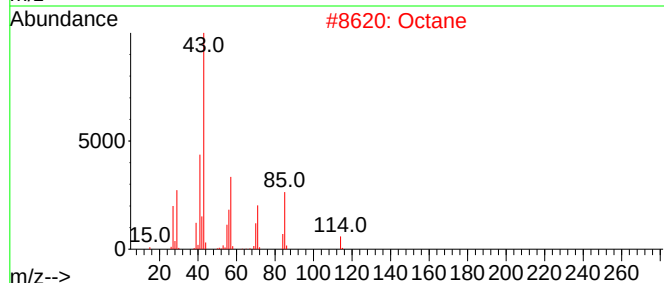
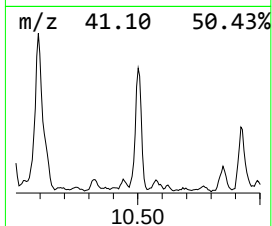
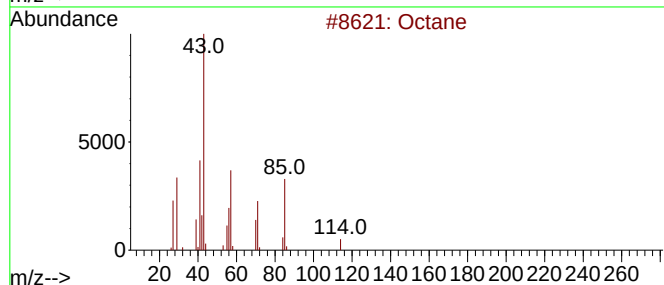
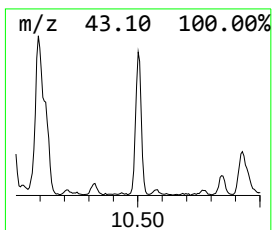
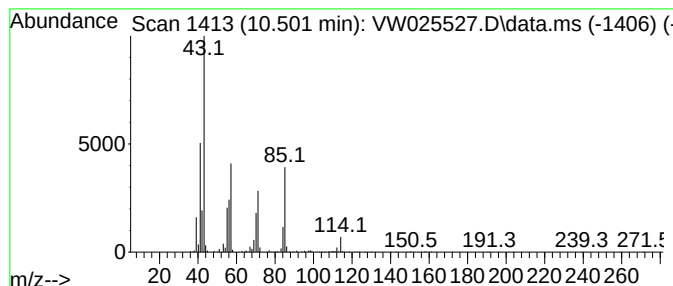
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.501	3.55 ug/L	233892	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	94
2	Octane			114	C8H18	000111-65-9	91
3	Octane			114	C8H18	000111-65-9	83
4	Octane			114	C8H18	000111-65-9	83
5	Octane			114	C8H18	000111-65-9	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025527.D
Acq On : 31 Mar 2023 13:02
Operator : SY/MD
Sample : 02130-05RE
Misc : 4.75g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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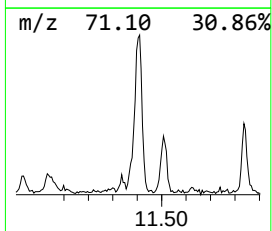
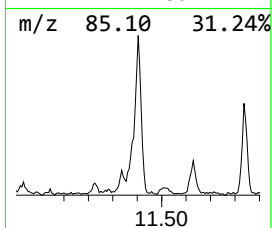
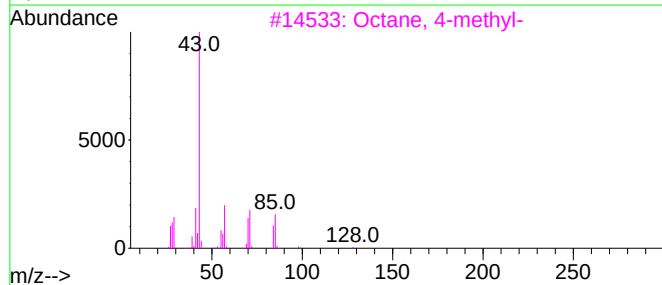
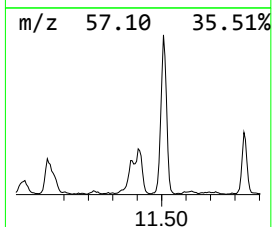
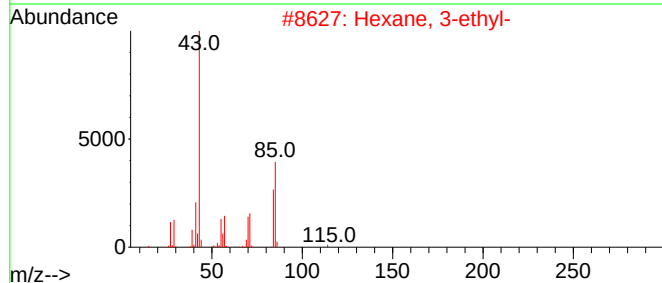
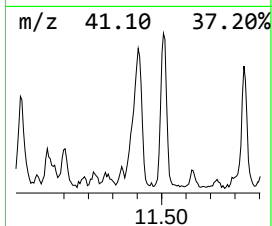
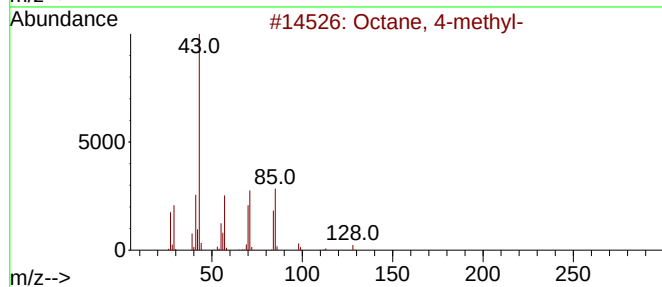
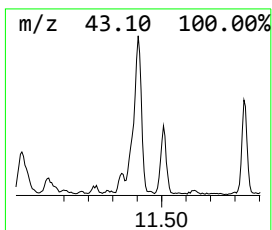
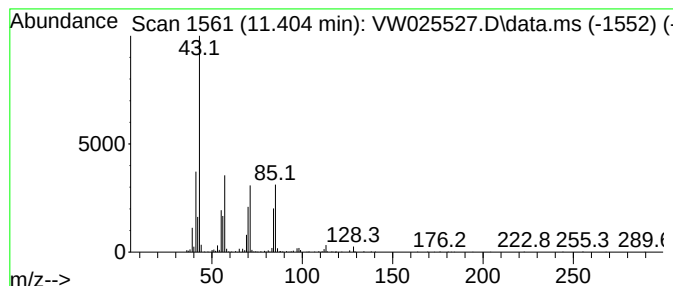
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.404	5.26 ug/L	346894	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-			128	C9H20	002216-34-4	91
2	Hexane, 3-ethyl-			114	C8H18	000619-99-8	86
3	Octane, 4-methyl-			128	C9H20	002216-34-4	78
4	Hexane, 2,3,4-trimethyl-			128	C9H20	000921-47-1	64
5	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025527.D
Acq On : 31 Mar 2023 13:02
Operator : SY/MD
Sample : 02130-05RE
Misc : 4.75g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C1194RE

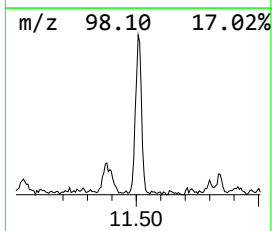
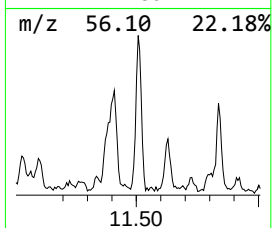
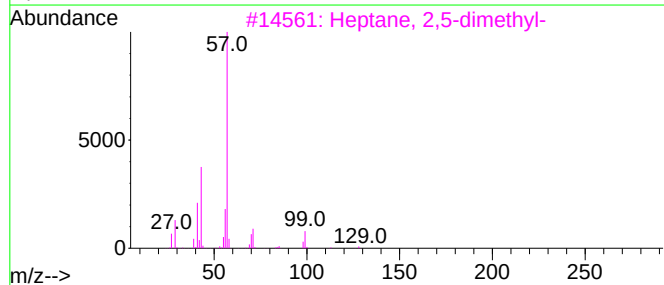
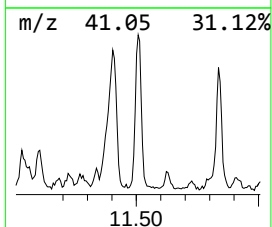
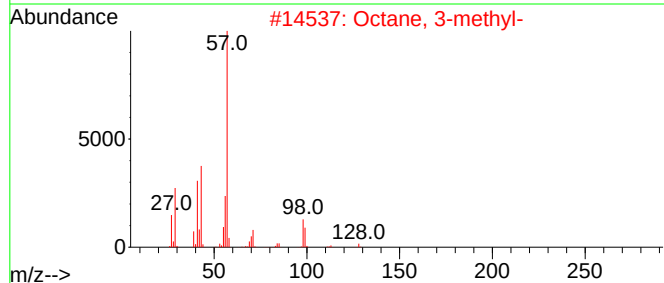
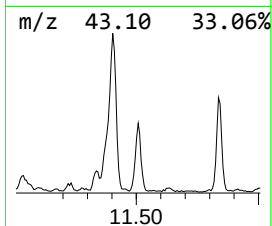
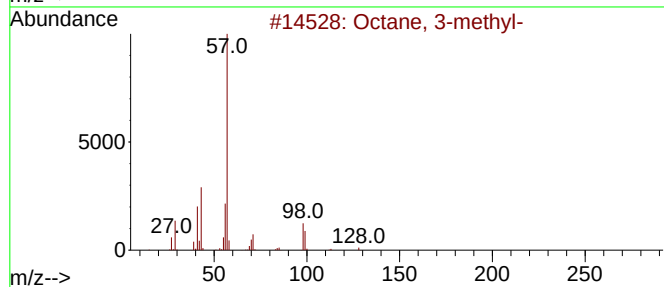
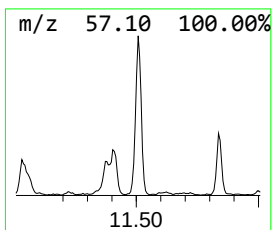
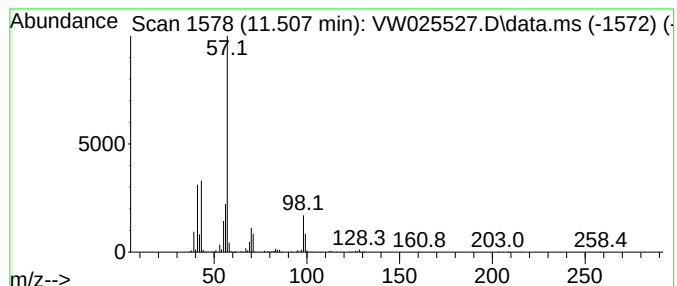
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.507	3.28 ug/L	216214	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	72
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
4		Octane, 3-methyl-	128	C9H20	002216-33-3	64
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025527.D
Acq On : 31 Mar 2023 13:02
Operator : SY/MD
Sample : 02130-05RE
Misc : 4.75g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C1194RE

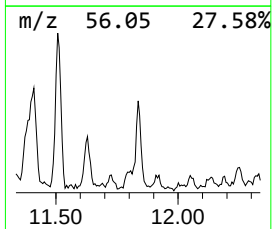
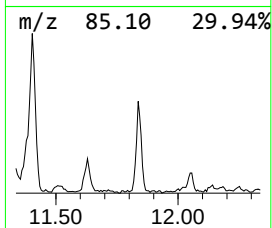
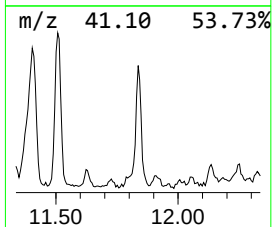
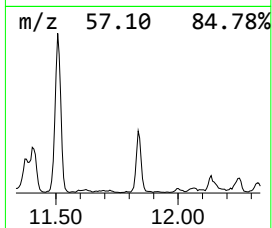
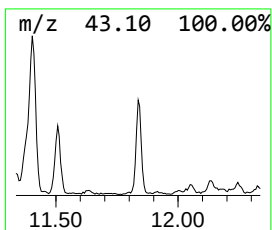
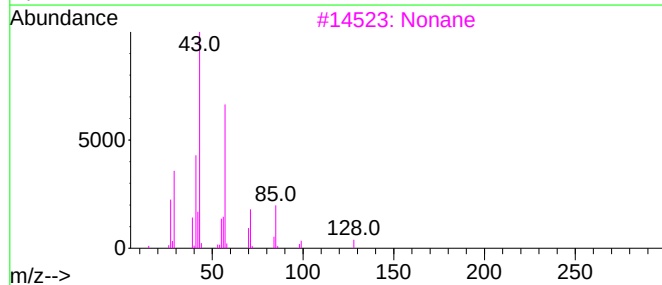
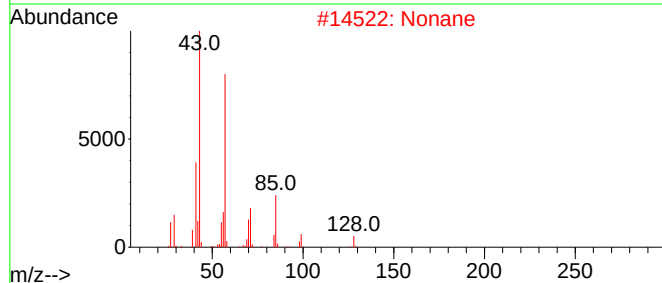
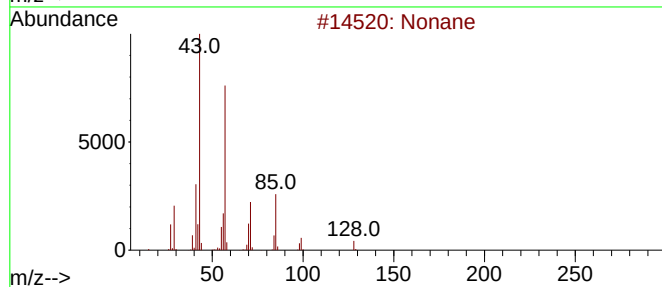
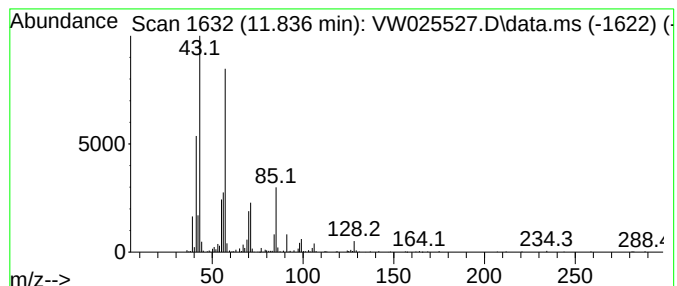
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.836	2.76 ug/L	182364	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	87
2			Nonane	128	C9H20	000111-84-2	87
3			Nonane	128	C9H20	000111-84-2	83
4			Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	64
5			Nonane	128	C9H20	000111-84-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025527.D
Acq On : 31 Mar 2023 13:02
Operator : SY/MD
Sample : 02130-05RE
Misc : 4.75g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C1194RE

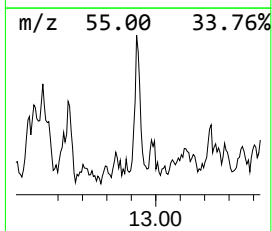
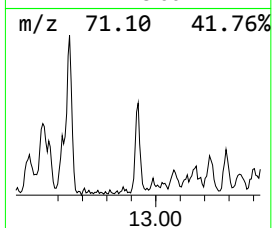
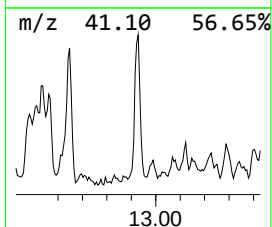
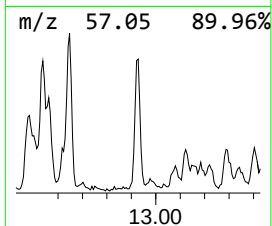
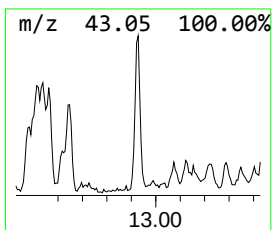
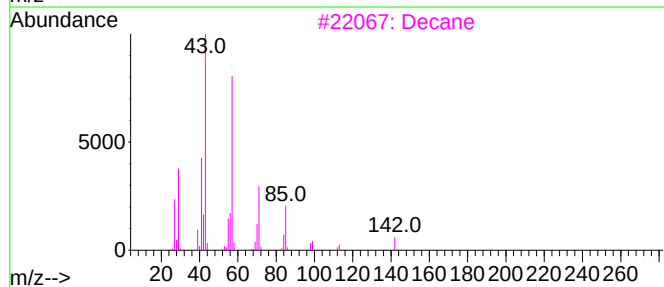
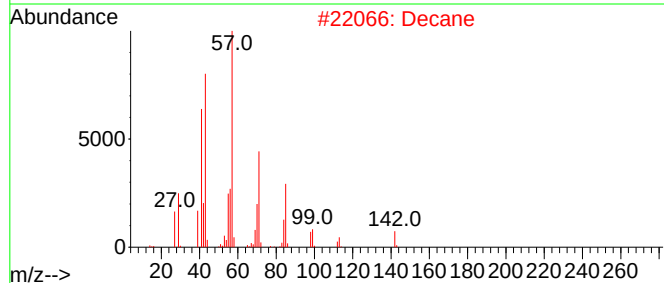
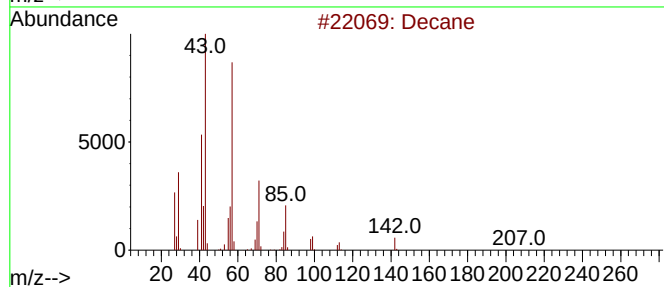
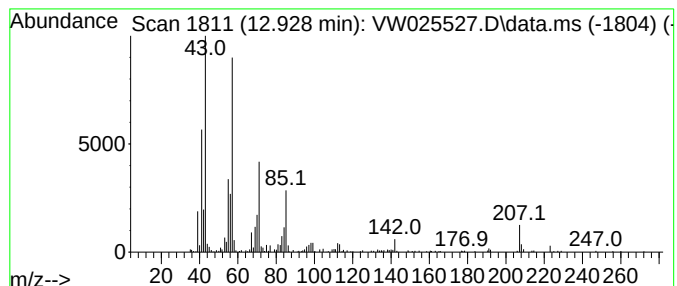
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	4.71 ug/L	122646	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	87
2	Decane			142	C10H22	000124-18-5	87
3	Decane			142	C10H22	000124-18-5	81
4	Decane			142	C10H22	000124-18-5	62
5	Dodecane			170	C12H26	000112-40-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025527.D
Acq On : 31 Mar 2023 13:02
Operator : SY/MD
Sample : 02130-05RE
Misc : 4.75g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C1194RE

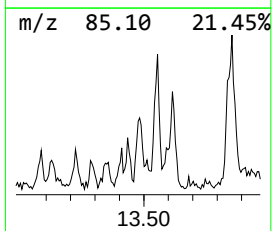
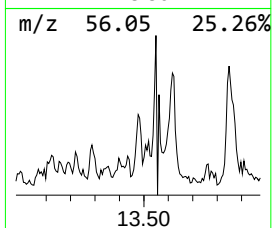
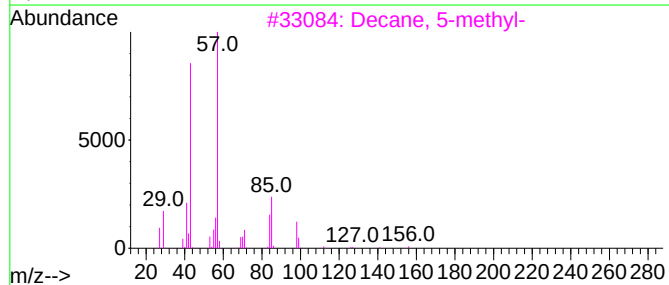
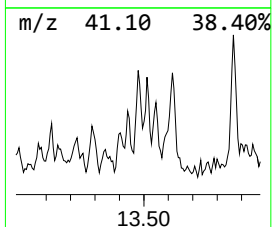
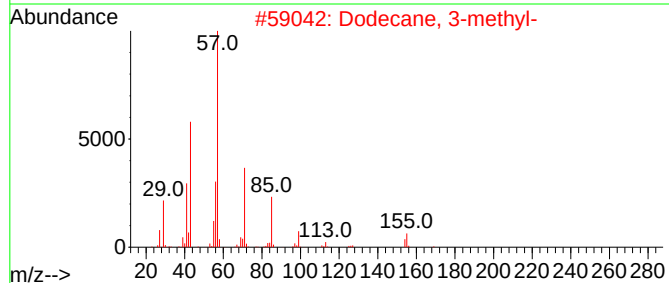
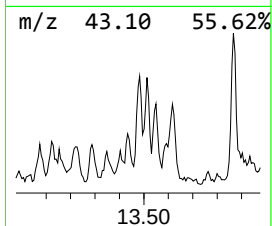
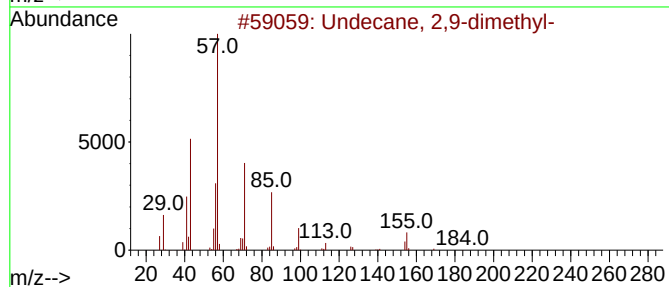
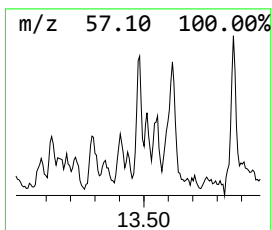
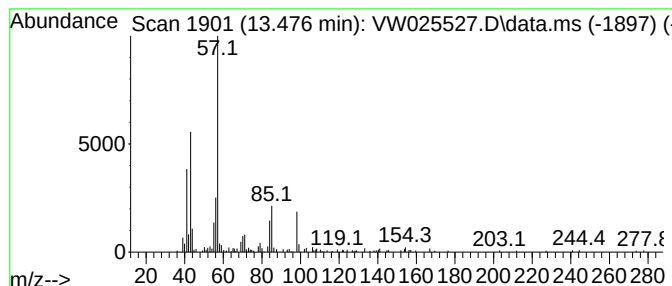
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	2.70 ug/L	70310	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
3			Decane, 5-methyl-	156	C11H24	013151-35-4	49
4			Decane, 5-methyl-	156	C11H24	013151-35-4	46
5			Heptane, 4-ethyl-	128	C9H20	002216-32-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025527.D
Acq On : 31 Mar 2023 13:02
Operator : SY/MD
Sample : 02130-05RE
Misc : 4.75g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C1194RE

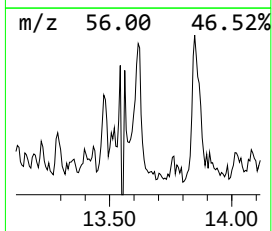
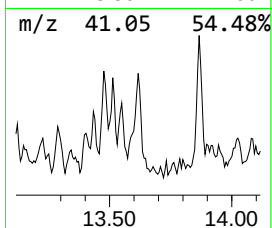
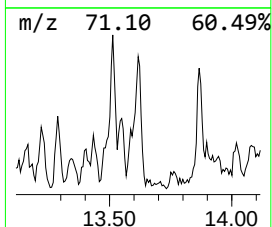
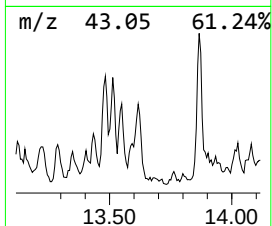
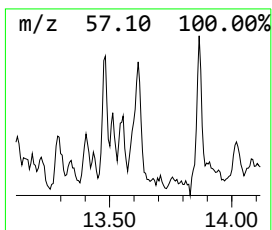
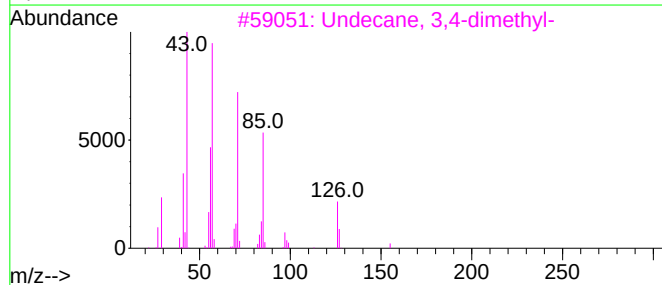
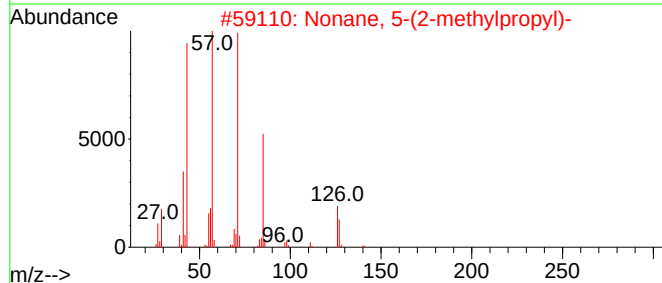
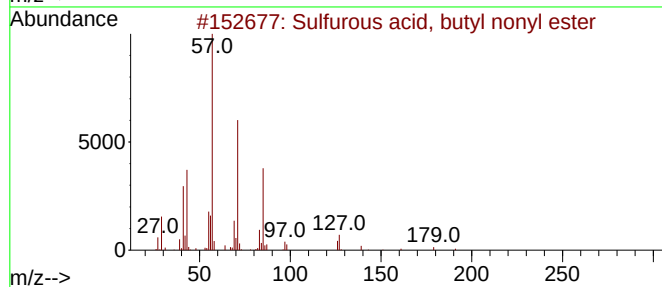
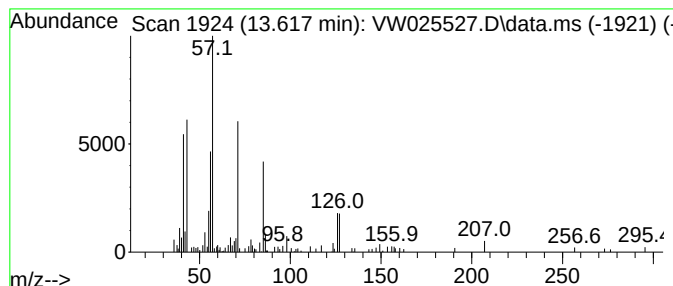
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Quant Title : SFAM01.0

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

Peak Number 17 Sulfurous acid, butyl nonyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.617	2.24 ug/L	58328	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
2			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
3			Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	53
4			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	53
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025527.D
Acq On : 31 Mar 2023 13:02
Operator : SY/MD
Sample : 02130-05RE
Misc : 4.75g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C1194RE

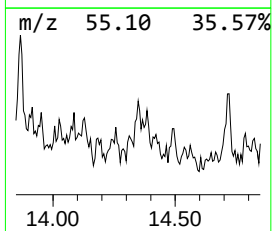
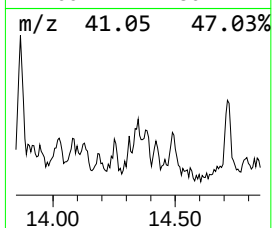
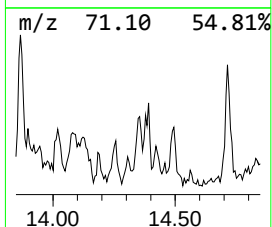
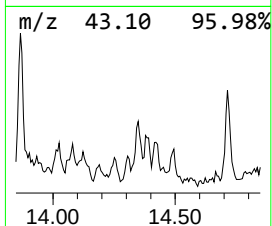
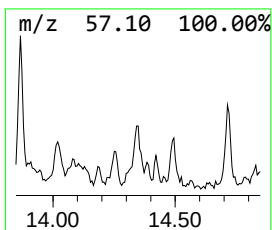
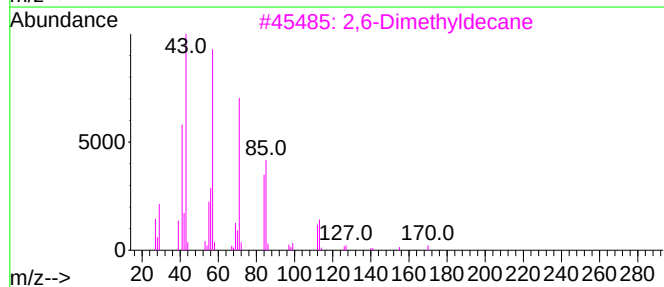
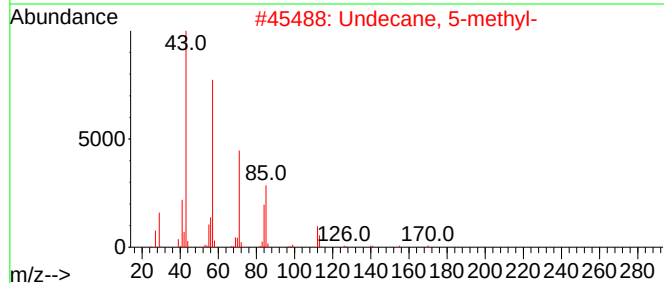
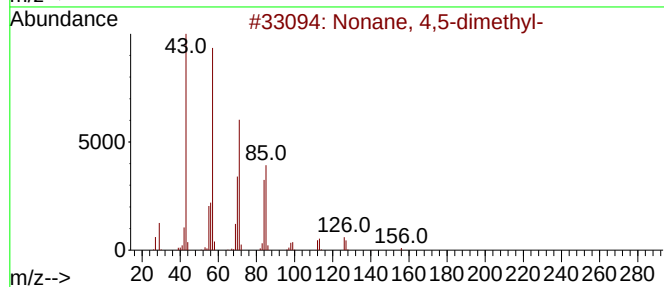
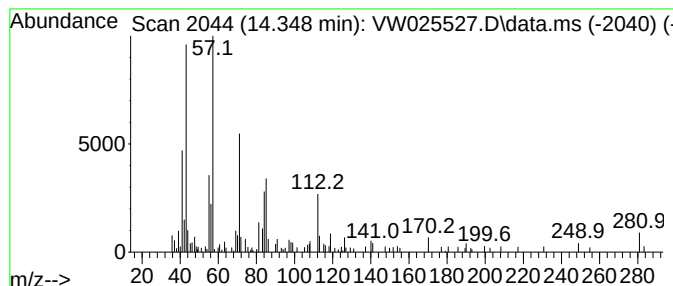
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.348	1.76 ug/L	45781	1,4-Dichlorobenzene-d4		13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	59
3		2,6-Dimethyldecane	170	C12H26	013150-81-7	53
4		Dodecane	170	C12H26	000112-40-3	53
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025527.D
Acq On : 31 Mar 2023 13:02
Operator : SY/MD
Sample : 02130-05RE
Misc : 4.75g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C1194RE

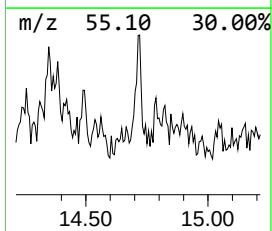
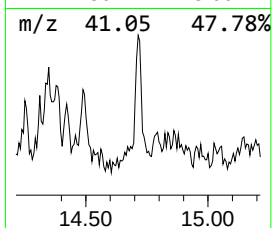
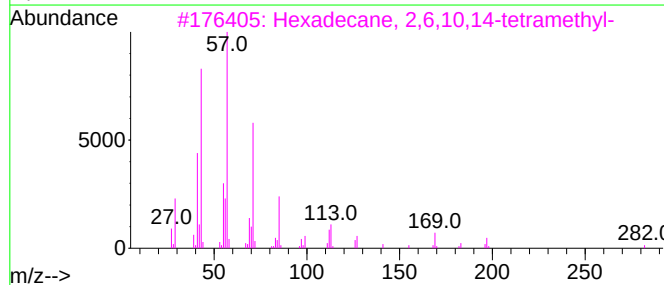
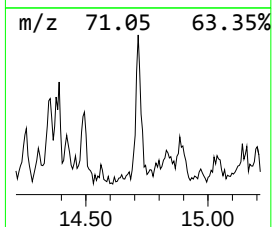
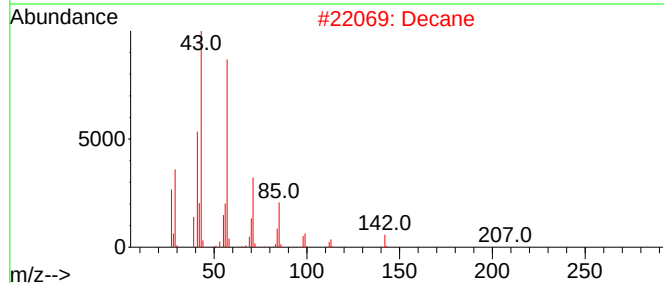
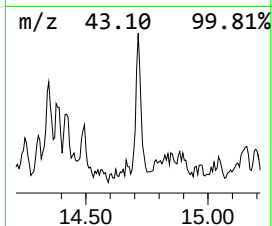
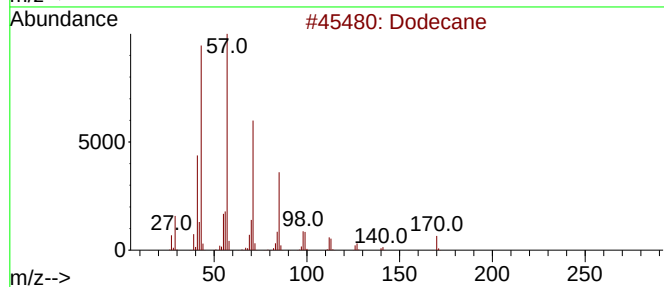
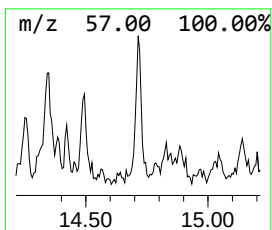
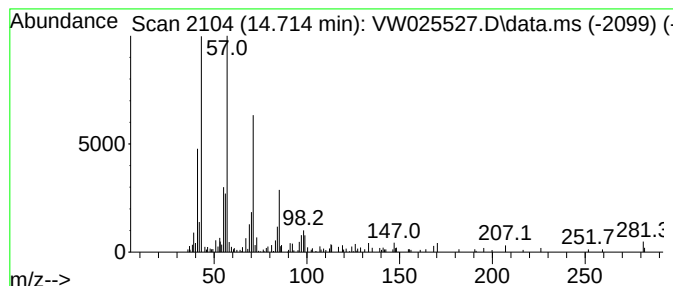
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	2.03 ug/L	52912	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	81
2			Decane	142	C10H22	000124-18-5	80
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	76
4			Dodecane	170	C12H26	000112-40-3	74
5			Decane	142	C10H22	000124-18-5	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025527.D
Acq On : 31 Mar 2023 13:02
Operator : SY/MD
Sample : 02130-05RE
Misc : 4.75g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C1194RE

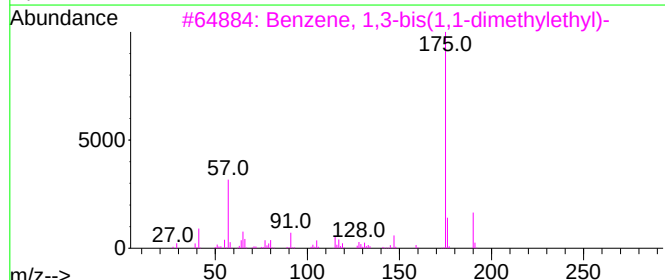
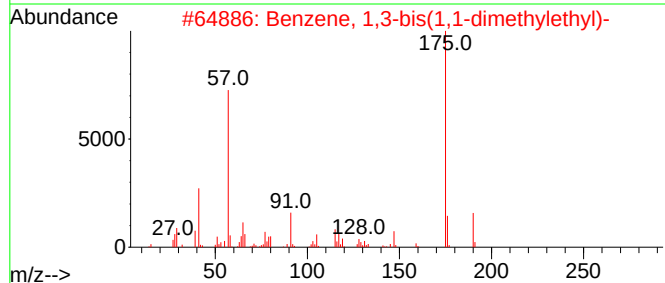
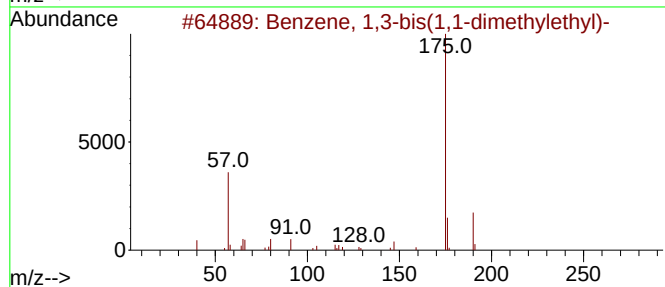
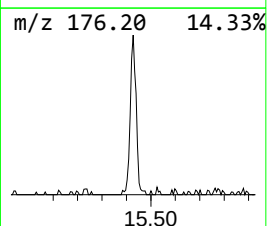
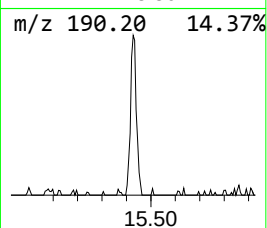
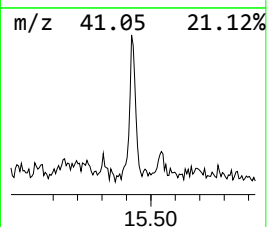
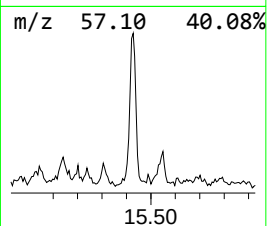
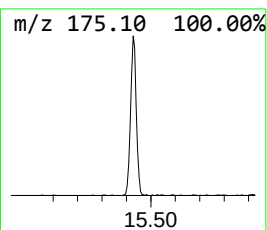
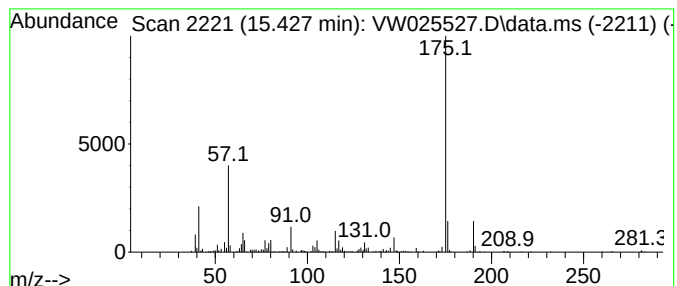
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 21 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	5.45 ug/L	142014	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	93
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	93
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
4			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
5			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025527.D
Acq On : 31 Mar 2023 13:02
Operator : SY/MD
Sample : 02130-05RE
Misc : 4.75g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C1194RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	5.435	1.8	ug/L	159041	1	8.843	2177410	25.0
(DEL) Alkane: S...	5.941	2.2	ug/L	191676	1	8.843	2177410	25.0
(DEL) Alkane: S...	7.923	2.2	ug/L	190037	1	8.843	2177410	25.0
(DEL) Alkane: S...	8.154	4.1	ug/L	356142	1	8.843	2177410	25.0
(DEL) Alkane: S...	8.691	2.6	ug/L	225181	1	8.843	2177410	25.0
(DEL) Alkane: S...	9.953	1.9	ug/L	167027	1	8.843	2177410	25.0
(DEL) Alkane: S...	10.093	4.9	ug/L	428057	1	8.843	2177410	25.0
(DEL) Alkane: S...	10.501	3.5	ug/L	233892	2	11.629	1648930	25.0
(DEL) Alkane: S...	11.404	5.3	ug/L	346894	2	11.629	1648930	25.0
(DEL) Alkane: S...	11.507	3.3	ug/L	216214	2	11.629	1648930	25.0
(DEL) Alkane: S...	11.836	2.8	ug/L	182364	2	11.629	1648930	25.0
(DEL) Alkane: S...	12.928	4.7	ug/L	122646	3	13.556	651468	25.0
(DEL) Alkane: S...	13.477	2.7	ug/L	70310	3	13.556	651468	25.0
Sulfurous acid,...	13.617	2.2	ug/L	58328	3	13.556	651468	25.0
(DEL) Alkane: S...	14.348	1.8	ug/L	45781	3	13.556	651468	25.0
(DEL) Alkane: S...	14.714	2.0	ug/L	52912	3	13.556	651468	25.0
Benzene, 1,3-bi...	15.427	5.5	ug/L	142014	3	13.556	651468	25.0