

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
 Data File : VW027315.D
 Acq On : 17 Oct 2023 17:49
 Operator : SY/MD
 Sample : 04922-01
 Misc : 5.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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\SFAMWLM101123SMA.M

Title : SFAM01.0

Signal : TIC: VW027315.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.368	68	79	90	rBV	102676	297941	16.38%	0.894%
2	2.899	158	166	180	rBV	74252	216604	11.91%	0.650%
3	3.039	182	189	200	rVB2	48998	129519	7.12%	0.389%
4	3.399	240	248	262	rVB2	71425	200402	11.02%	0.601%
5	3.594	271	280	289	rBV	28606	65259	3.59%	0.196%
6	3.856	314	323	338	rVB	128954	333153	18.32%	1.000%
7	4.021	338	350	363	rBV	196637	587696	32.32%	1.763%
8	4.764	460	472	485	rBV5	30453	142124	7.82%	0.426%
9	4.966	485	505	511	rBV3	102965	518060	28.49%	1.554%
10	5.081	516	524	540	rVB2	310535	1090456	59.97%	3.272%
11	5.447	570	584	597	rVV2	57236	203646	11.20%	0.611%
12	5.758	622	635	649	rBV2	101684	336582	18.51%	1.010%
13	5.941	655	665	679	rVB	83728	255016	14.02%	0.765%
14	6.112	683	693	703	rBV3	17638	52854	2.91%	0.159%
15	6.295	703	723	736	rBV	605115	1818485	100.00%	5.456%
16	6.435	736	746	754	rVV	59410	182776	10.05%	0.548%
17	6.526	754	761	771	rVV3	21599	70908	3.90%	0.213%
18	6.734	785	795	809	rVB2	96815	282428	15.53%	0.847%
19	6.880	811	819	826	rBV	17152	51421	2.83%	0.154%
20	6.983	826	836	844	rVV	205374	620090	34.10%	1.861%
21	7.069	844	850	857	rVV2	111321	369747	20.33%	1.109%
22	7.142	857	862	877	rVB	88070	254136	13.98%	0.763%
23	7.648	934	945	950	rBV	317139	857972	47.18%	2.574%
24	7.697	950	953	963	rVB	198180	428716	23.58%	1.286%
25	7.959	983	996	1003	rBV3	133306	479171	26.35%	1.438%
26	8.038	1003	1009	1020	rVB2	68084	188123	10.35%	0.564%
27	8.160	1020	1029	1035	rBV	77214	174629	9.60%	0.524%
28	8.276	1035	1048	1052	rBV	595384	1497566	82.35%	4.493%
29	8.319	1052	1055	1067	rVB3	615292	1331470	73.22%	3.995%
30	8.459	1067	1078	1084	rBV3	243545	743639	40.89%	2.231%
31	8.575	1092	1097	1107	rVB2	63956	150462	8.27%	0.451%
32	8.691	1107	1116	1130	rVB2	80924	201183	11.06%	0.604%
33	8.843	1130	1141	1154	rBV	738254	1700098	93.49%	5.101%
34	9.075	1171	1179	1183	rBV	120131	263276	14.48%	0.790%
35	9.117	1183	1186	1195	rVB	67652	132943	7.31%	0.399%
36	9.276	1204	1212	1217	rBV	408509	928306	51.05%	2.785%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
 Data File : VW027315.D
 Acq On : 17 Oct 2023 17:49
 Operator : SY/MD
 Sample : 04922-01
 Misc : 5.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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\SFAMWLM101123SMA.M
 Title : SFAM01.0

37	9.331	1217	1221	1228	rVB2	250564	530969	29.20%	1.593%
38	9.520	1246	1252	1259	rVB2	43924	91246	5.02%	0.274%
39	9.611	1259	1267	1272	rVB3	26418	60141	3.31%	0.180%
40	9.684	1272	1279	1280	rBV3	37081	68194	3.75%	0.205%
41	9.757	1286	1291	1300	rVB2	68462	141770	7.80%	0.425%
42	9.849	1300	1306	1310	rBV2	139108	257142	14.14%	0.772%
43	9.892	1310	1313	1319	rVV3	76364	153241	8.43%	0.460%
44	9.952	1319	1323	1328	rVV2	72377	140655	7.73%	0.422%
45	10.032	1331	1336	1342	rVV	200756	366015	20.13%	1.098%
46	10.093	1342	1346	1358	rVB4	50625	120723	6.64%	0.362%
47	10.202	1358	1364	1368	rBV	142908	251895	13.85%	0.756%
48	10.245	1368	1371	1377	rVB2	57561	98370	5.41%	0.295%
49	10.324	1377	1384	1390	rBV	746831	1374709	75.60%	4.125%
50	10.385	1390	1394	1400	rVB	66374	119391	6.57%	0.358%
51	10.507	1407	1414	1420	rVB5	67907	145438	8.00%	0.436%
52	10.574	1420	1425	1435	rVB	128410	250007	13.75%	0.750%
53	10.745	1448	1453	1461	rVB4	49168	127988	7.04%	0.384%
54	10.843	1462	1469	1475	rVB5	25104	64730	3.56%	0.194%
55	10.922	1475	1482	1490	rBV2	275369	507791	27.92%	1.524%
56	11.025	1491	1499	1501	rBV5	24992	57559	3.17%	0.173%
57	11.227	1528	1532	1538	rVB2	62438	103808	5.71%	0.311%
58	11.410	1554	1562	1565	rBV3	42929	93067	5.12%	0.279%
59	11.507	1573	1578	1590	rBV	45291	93597	5.15%	0.281%
60	11.629	1590	1598	1610	rBV	706181	1249691	68.72%	3.750%
61	11.836	1623	1632	1636	rBV	90811	198463	10.91%	0.595%
62	12.056	1663	1668	1674	rVB2	40173	70145	3.86%	0.210%
63	12.165	1674	1686	1692	rBV2	153510	386451	21.25%	1.160%
64	12.251	1692	1700	1704	rVB	81624	151518	8.33%	0.455%
65	12.361	1704	1718	1725	rBV6	107906	360904	19.85%	1.083%
66	12.464	1729	1735	1738	rBV5	27602	67229	3.70%	0.202%
67	12.690	1767	1772	1778	rVB	273229	439131	24.15%	1.318%
68	12.775	1778	1786	1793	rVB5	109994	258505	14.22%	0.776%
69	12.860	1793	1800	1803	rBV5	83191	156204	8.59%	0.469%
70	12.934	1803	1812	1819	rBV7	148100	386068	21.23%	1.158%
71	13.104	1831	1840	1845	rBV4	86879	300332	16.52%	0.901%
72	13.159	1845	1849	1857	rVB2	202131	348102	19.14%	1.044%
73	13.245	1859	1863	1867	rVB	114942	167063	9.19%	0.501%
74	13.287	1867	1870	1875	rVB	58794	82107	4.52%	0.246%
75	13.342	1875	1879	1882	rBV	50951	71329	3.92%	0.214%
76	13.403	1886	1889	1892	rBV	44057	67260	3.70%	0.202%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
 Data File : VW027315.D
 Acq On : 17 Oct 2023 17:49
 Operator : SY/MD
 Sample : 04922-01
 Misc : 5.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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\SFAMWLM101123SMA.M
 Title : SFAM01.0

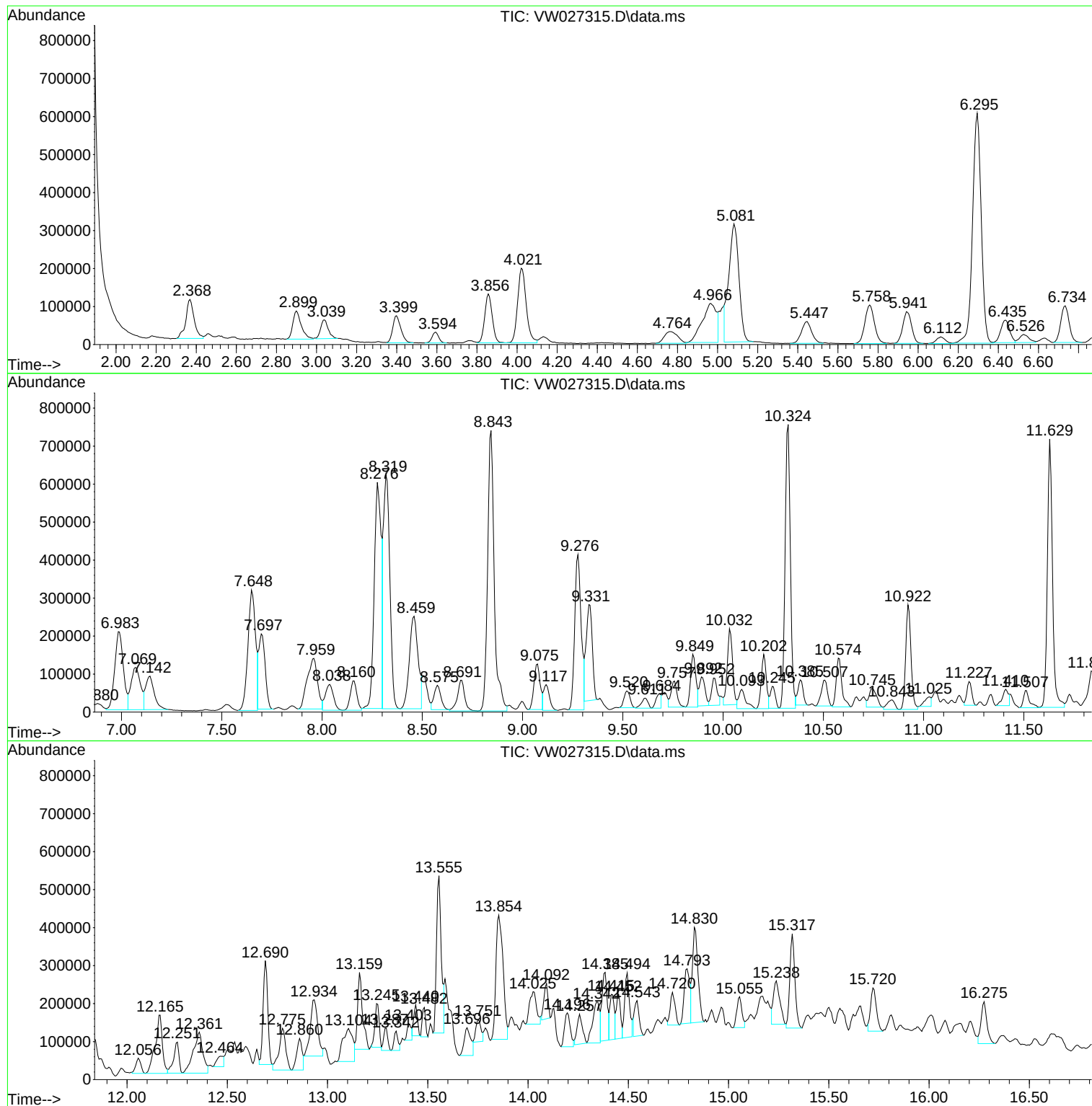
77	13.440	1892	1895	1899	rVB4	81225	102036	5.61%	0.306%
78	13.482	1899	1902	1905	rVB2	77629	88627	4.87%	0.266%
79	13.555	1909	1914	1918	rBV	413736	692852	38.10%	2.079%
80	13.696	1931	1937	1942	rBV2	73242	171964	9.46%	0.516%
81	13.751	1942	1946	1950	rVV4	57923	108170	5.95%	0.325%
82	13.854	1957	1963	1970	rBV3	327064	808710	44.47%	2.427%
83	14.025	1985	1991	1997	rBV4	85327	208179	11.45%	0.625%
84	14.092	1998	2002	2005	rVB	90832	129573	7.13%	0.389%
85	14.196	2014	2019	2024	rBV3	89071	178705	9.83%	0.536%
86	14.257	2025	2029	2035	rVV5	79357	142124	7.82%	0.426%
87	14.342	2035	2043	2046	rVV4	108480	269782	14.84%	0.809%
88	14.385	2046	2050	2053	rVV2	179444	326093	17.93%	0.978%
89	14.415	2053	2055	2058	rVV3	118875	180869	9.95%	0.543%
90	14.452	2058	2061	2064	rVV	115532	172584	9.49%	0.518%
91	14.494	2064	2068	2072	rVV	168890	286714	15.77%	0.860%
92	14.543	2073	2076	2081	rVB4	91233	145015	7.97%	0.435%
93	14.720	2101	2105	2111	rVB3	86410	145073	7.98%	0.435%
94	14.793	2112	2117	2120	rVV3	143694	294459	16.19%	0.884%
95	14.830	2120	2123	2131	rVB3	249140	464895	25.56%	1.395%
96	15.055	2155	2160	2164	rBV6	81373	143553	7.89%	0.431%
97	15.238	2186	2190	2198	rVB4	113988	250557	13.78%	0.752%
98	15.317	2198	2203	2211	rVB2	247639	433598	23.84%	1.301%
99	15.720	2265	2269	2277	rVB5	113880	225706	12.41%	0.677%
100	16.275	2355	2360	2369	rVB	110361	222480	12.23%	0.668%

Sum of corrected areas: 33328123

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW01723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

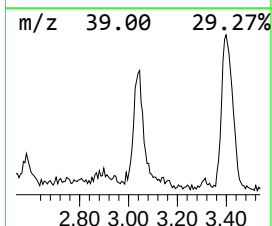
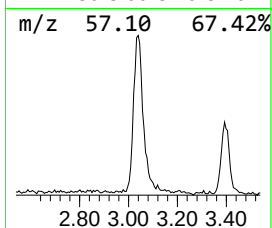
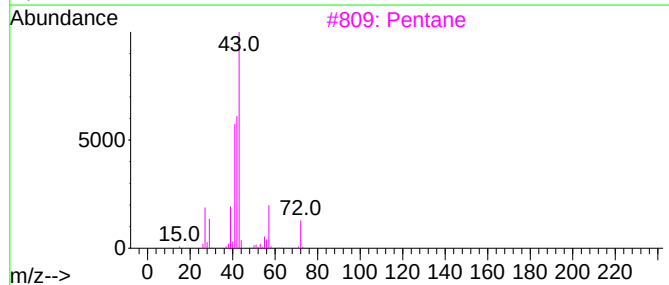
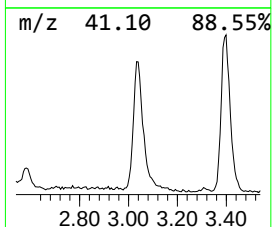
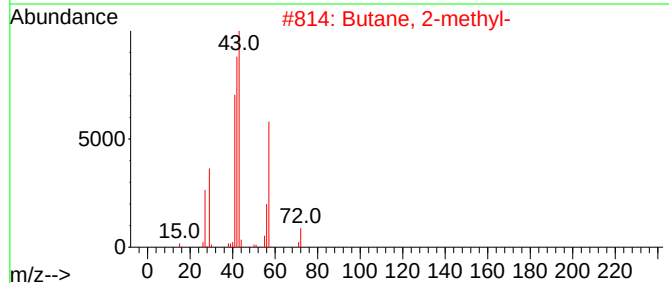
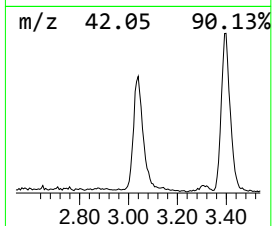
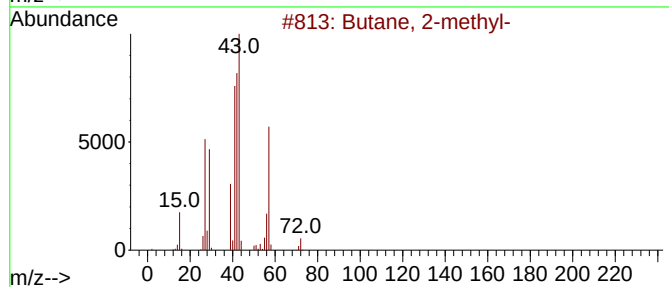
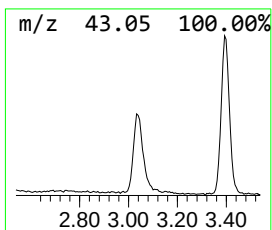
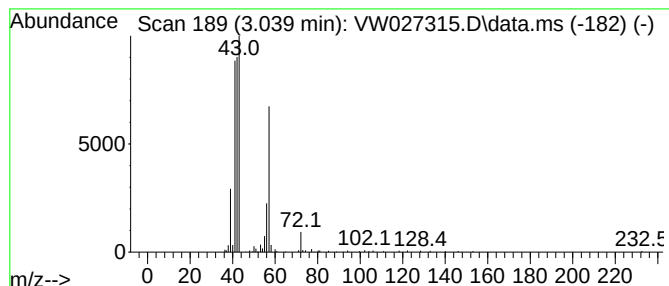
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.039	1.90 ug/L	129519	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	90
2	Butane, 2-methyl-			72	C5H12	000078-78-4	90
3	Pentane			72	C5H12	000109-66-0	37
4	1-Pentene, 4-methyl-			84	C6H12	000691-37-2	12
5	Methane, isocyanato-			57	C2H3NO	000624-83-9	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

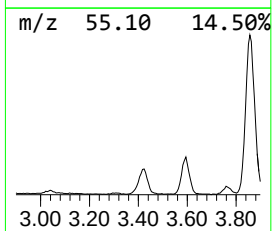
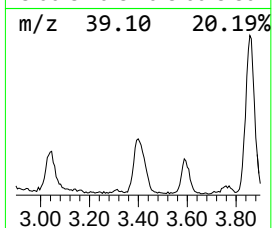
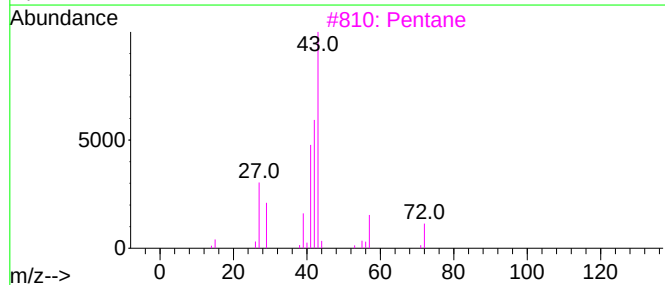
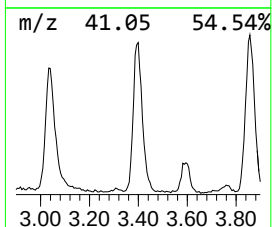
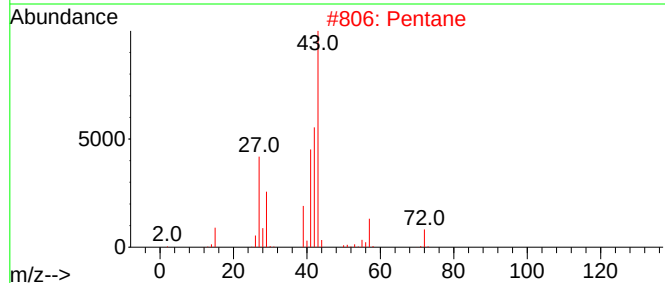
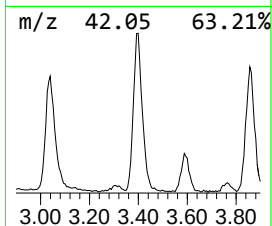
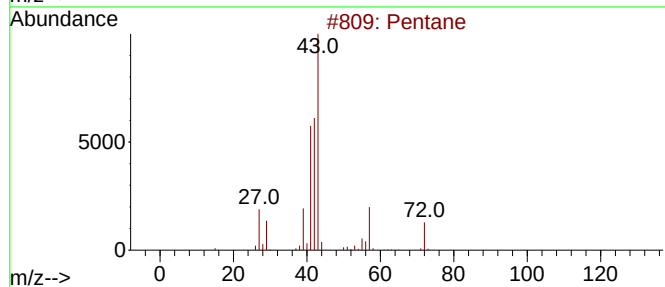
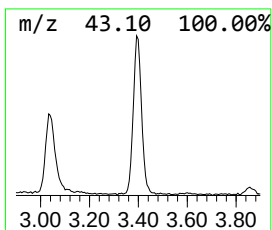
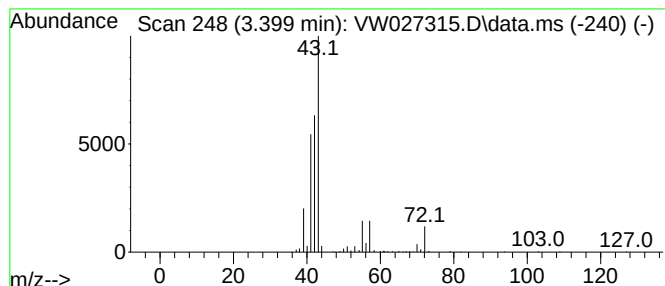
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.399	2.95 ug/L	200402	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	87
2	Pentane			72	C5H12	000109-66-0	80
3	Pentane			72	C5H12	000109-66-0	80
4	Pentane			72	C5H12	000109-66-0	72
5	Pentane			72	C5H12	000109-66-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

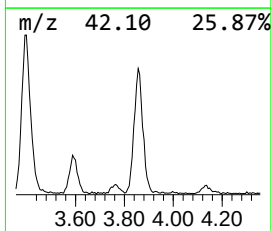
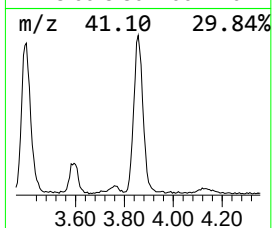
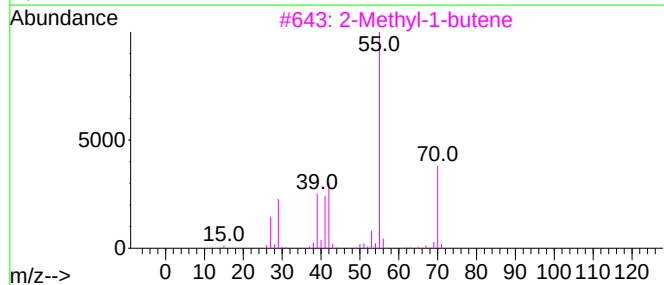
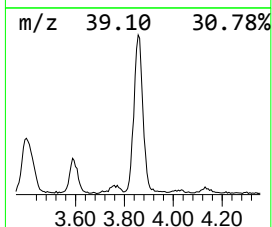
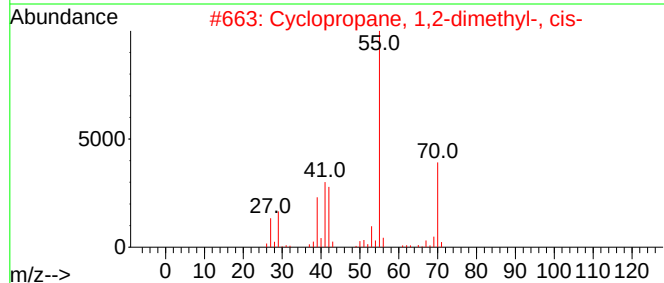
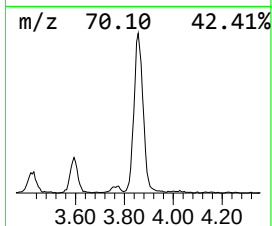
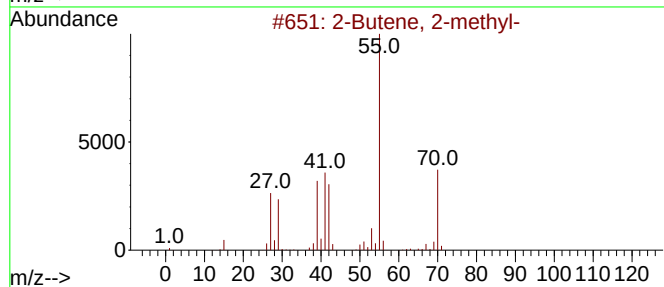
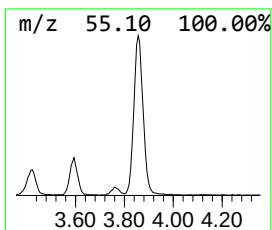
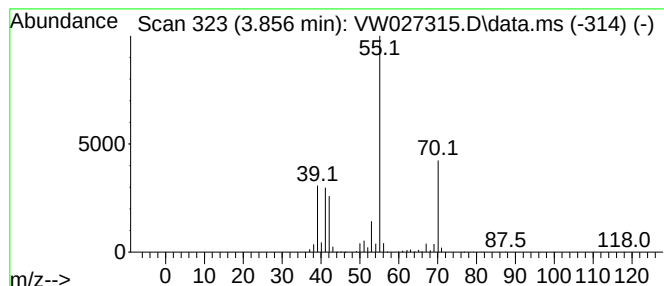
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.856	4.90 ug/L	333153	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-		70	C5H10	000513-35-9	91
2	Cyclopropane, 1,2-dimethyl-, cis-		70	C5H10	000930-18-7	91
3	2-Methyl-1-butene		70	C5H10	000563-46-2	87
4	2-Butene, 2-methyl-		70	C5H10	000513-35-9	87
5	2-Butene, 2-methyl-		70	C5H10	000513-35-9	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

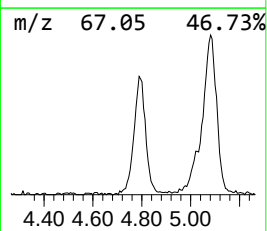
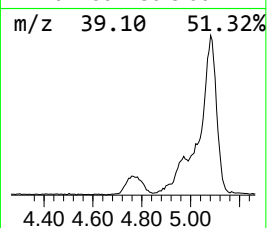
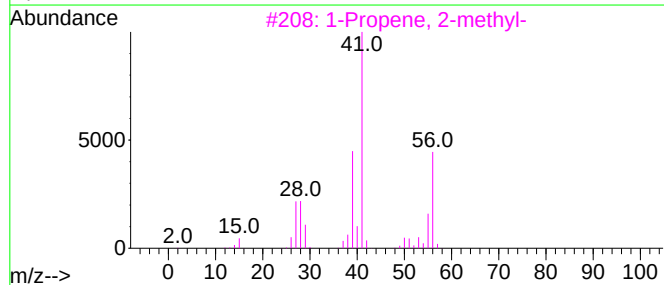
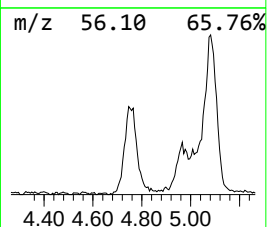
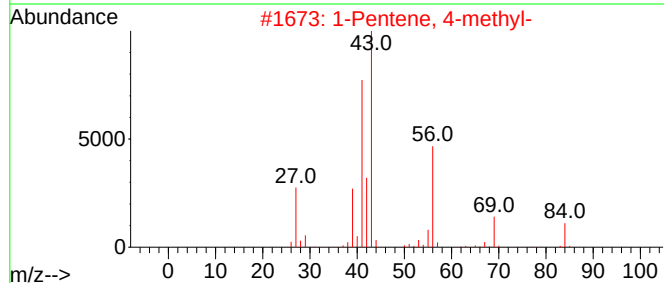
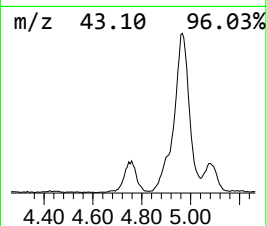
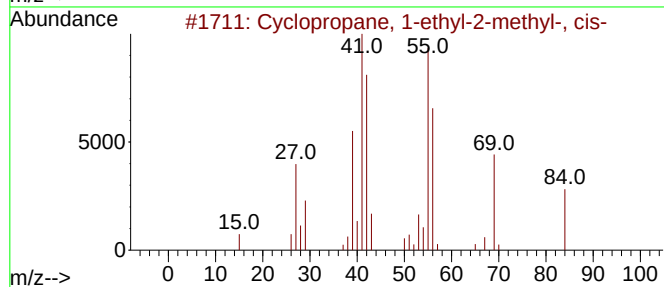
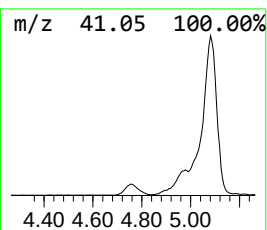
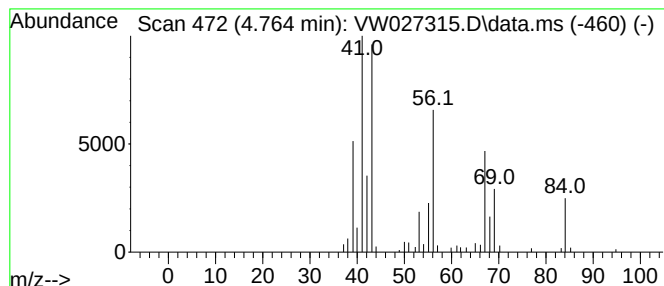
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.764	2.09 ug/L	142124	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	49
2		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	47
3		1-Propene, 2-methyl-	56	C4H8	000115-11-7	43
4		1-Propene, 2-methyl-	56	C4H8	000115-11-7	43
5		3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

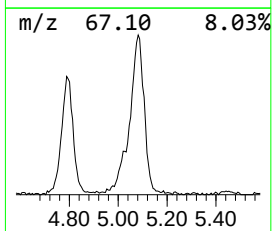
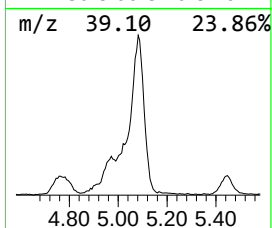
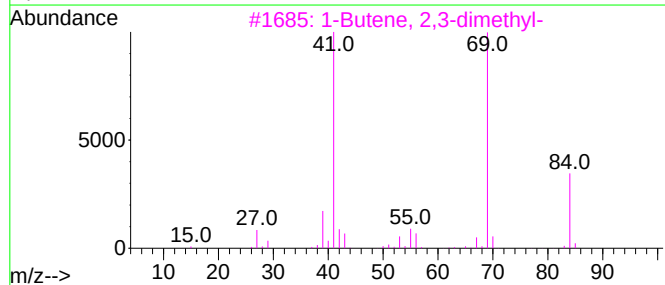
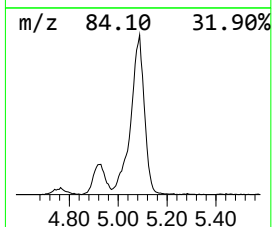
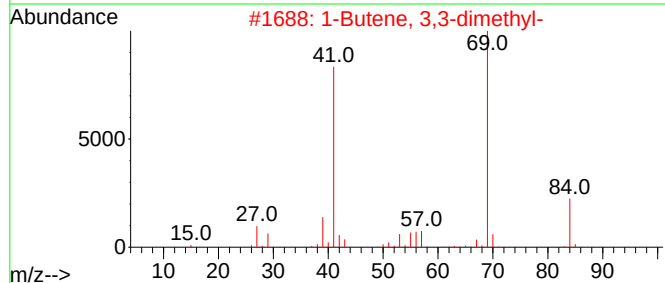
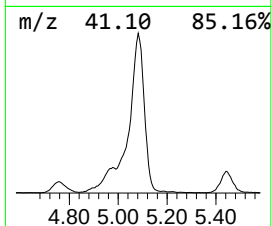
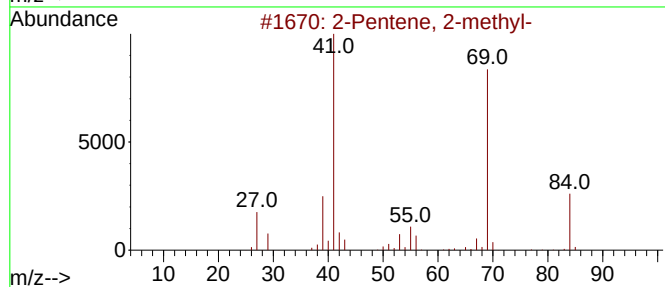
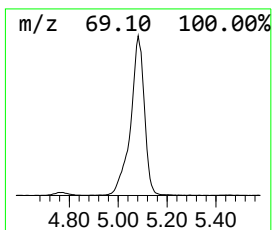
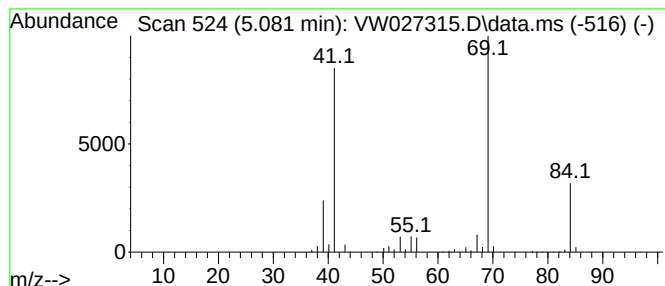
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	16.04 ug/L	1090460	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentene, 2-methyl-	84	C6H12	000625-27-4	91
2		1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	90
3		1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	90
4		2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
5		2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

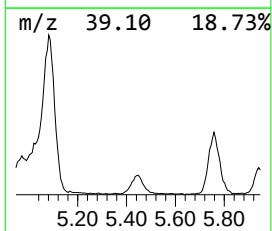
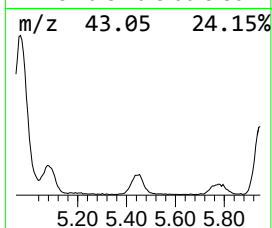
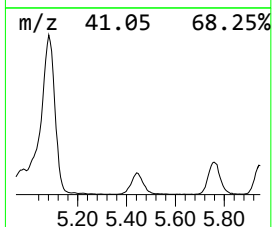
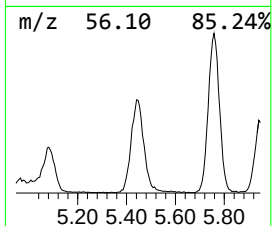
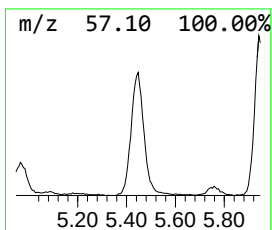
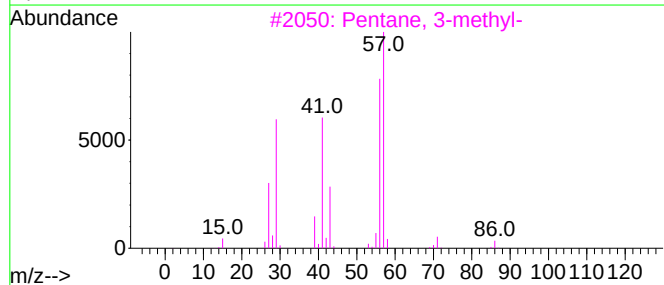
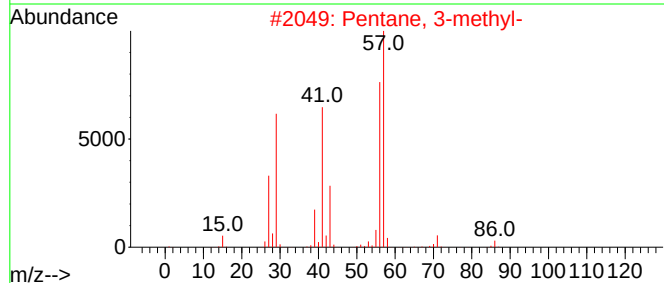
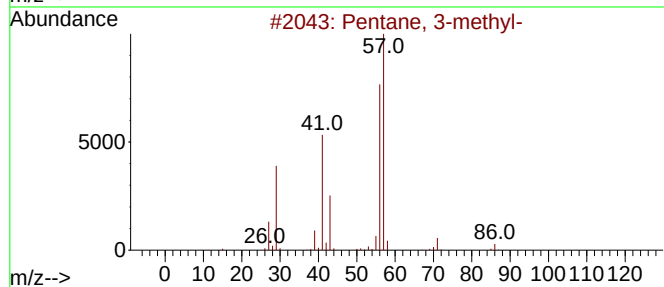
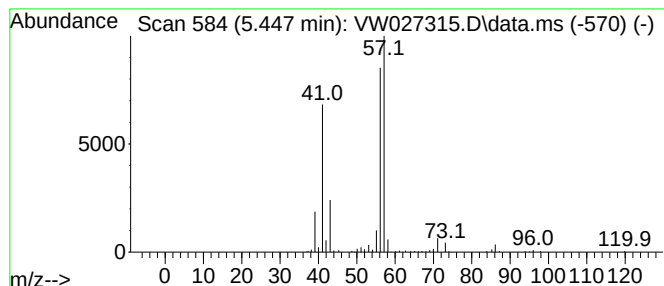
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.447	2.99 ug/L	203646	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	87
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	87
4		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

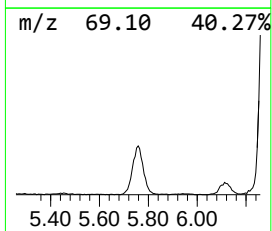
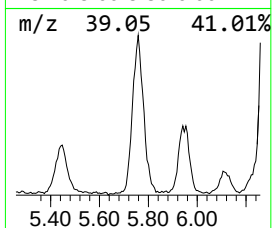
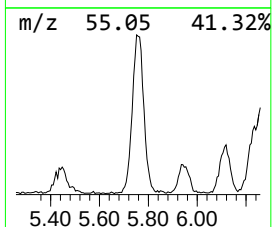
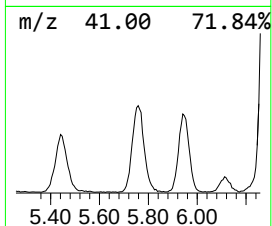
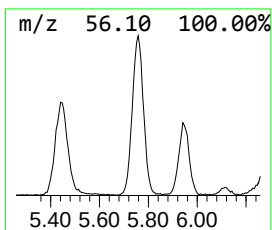
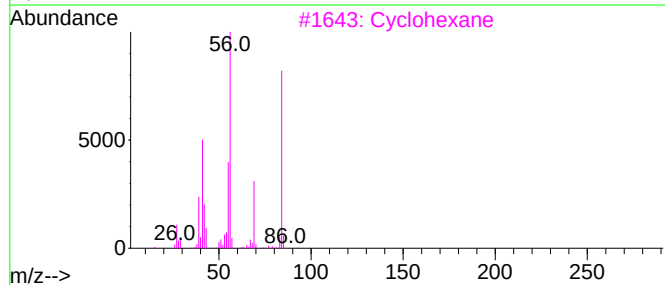
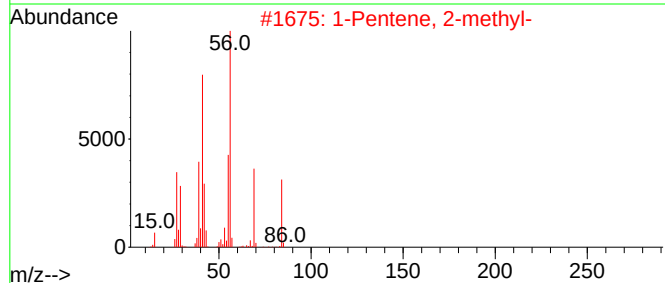
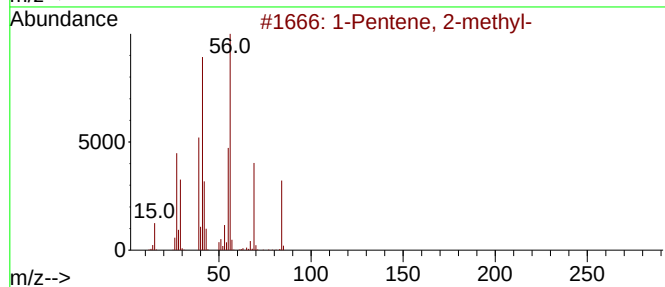
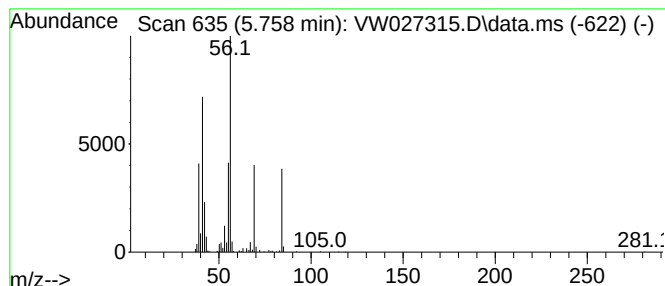
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.758	4.95 ug/L	336582	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	74
3		Cyclohexane	84	C6H12	000110-82-7	68
4		Cyclopentane, methyl-	84	C6H12	000096-37-7	53
5		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

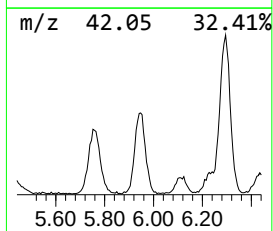
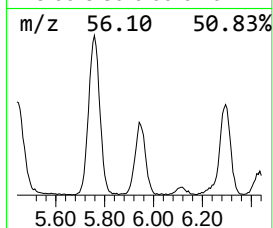
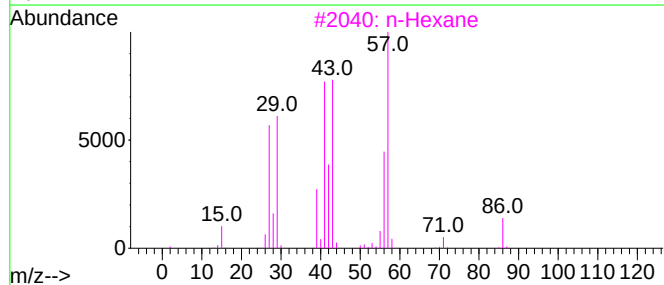
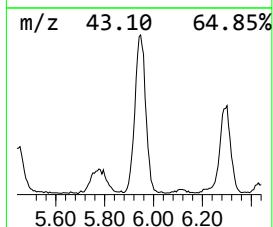
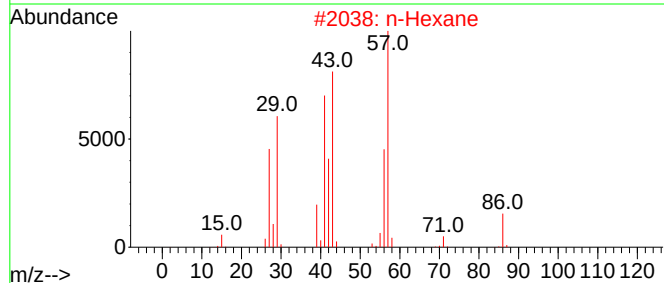
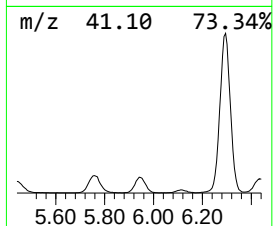
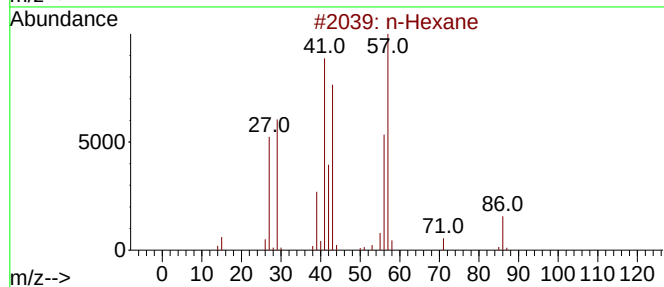
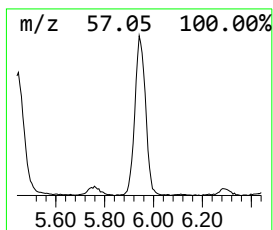
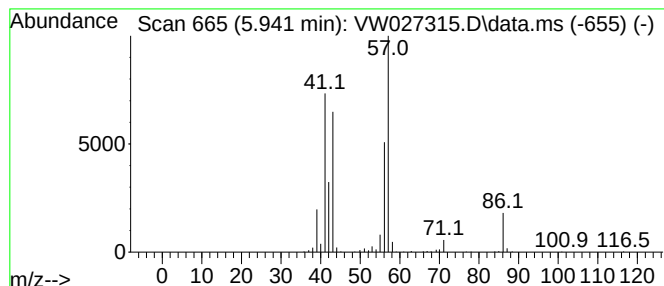
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	3.75 ug/L	255016	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane		86	C6H14	000110-54-3	91
2	n-Hexane		86	C6H14	000110-54-3	91
3	n-Hexane		86	C6H14	000110-54-3	83
4	n-Hexane		86	C6H14	000110-54-3	72
5	2(3H)-Furanone, dihydro-3-methyl-		100	C5H8O2	001679-47-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

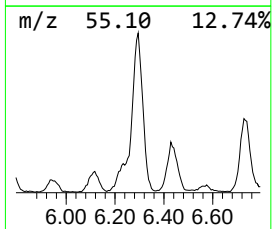
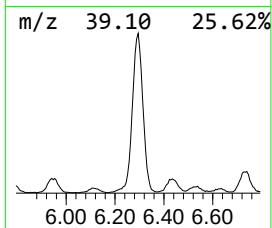
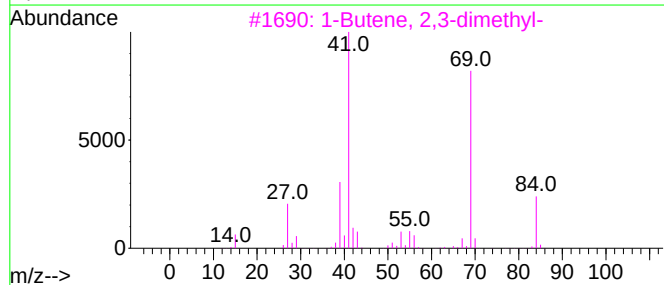
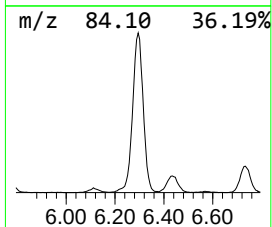
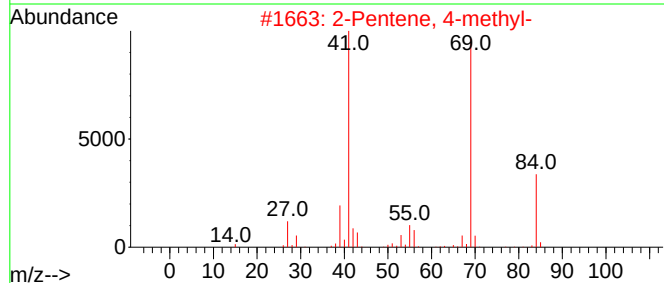
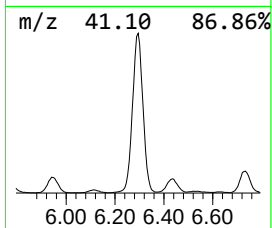
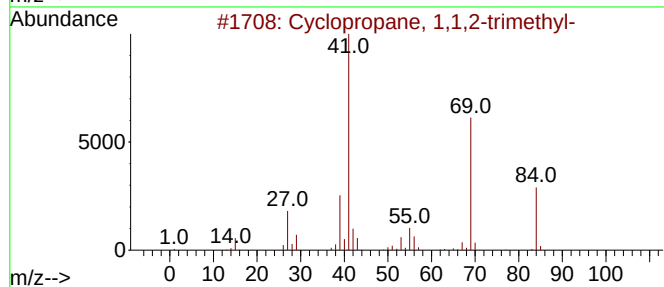
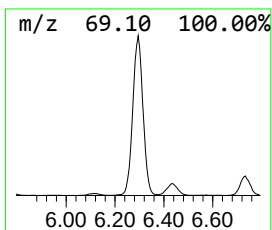
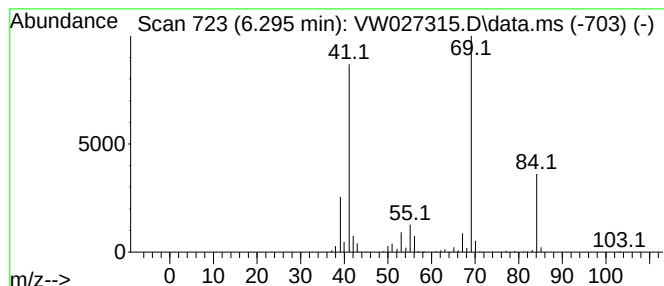
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.295	26.74 ug/L	1818490	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	91
2		2-Pentene, 4-methyl-	84	C6H12	004461-48-7	91
3		1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	91
4		2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	91
5		Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

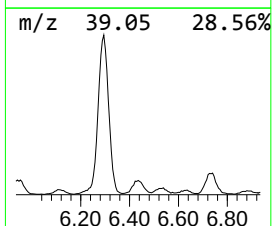
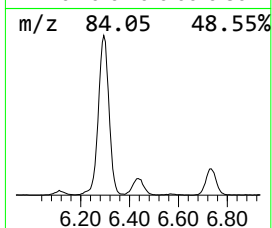
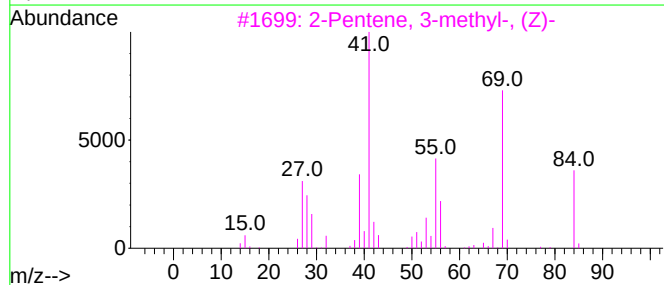
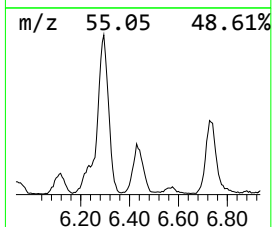
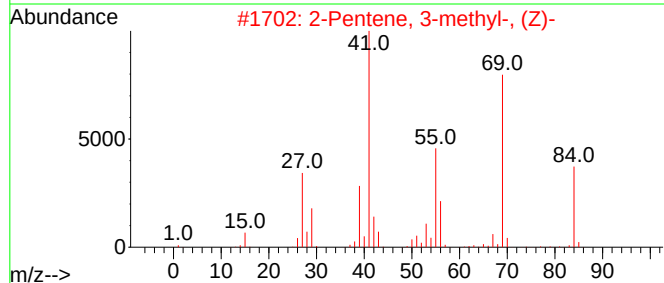
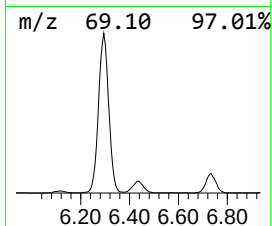
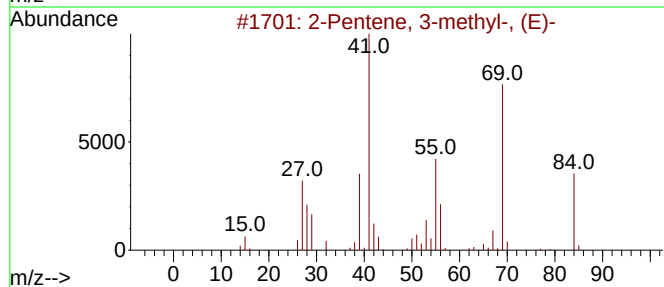
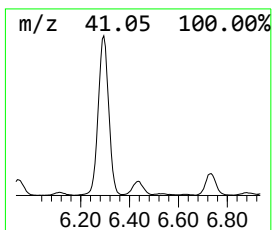
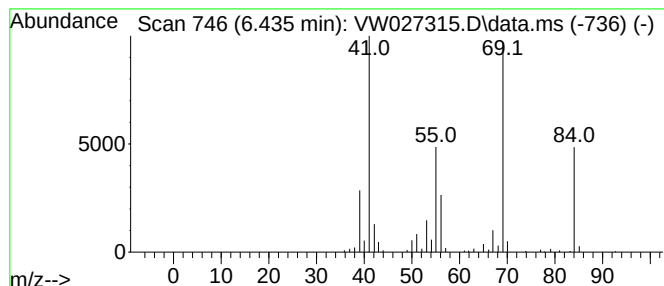
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.435	2.69 ug/L	182776	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	97
2		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	95
3		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
4		Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	91
5		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

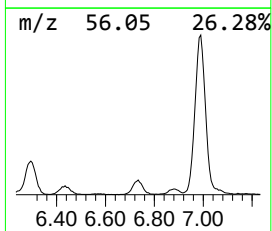
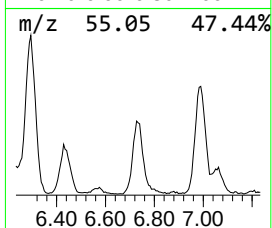
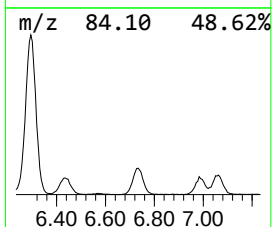
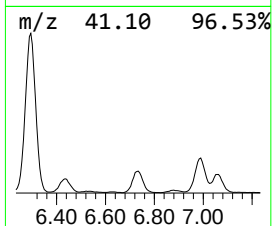
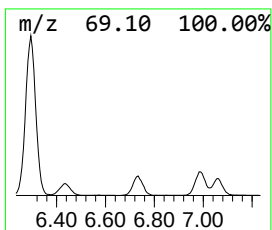
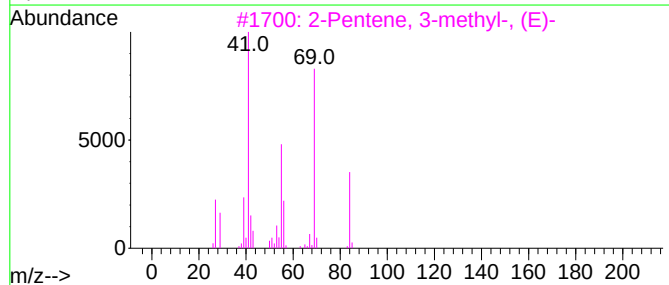
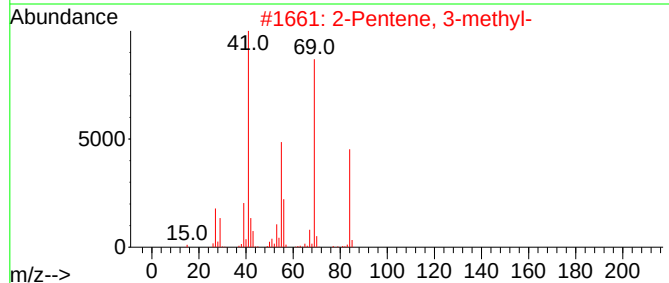
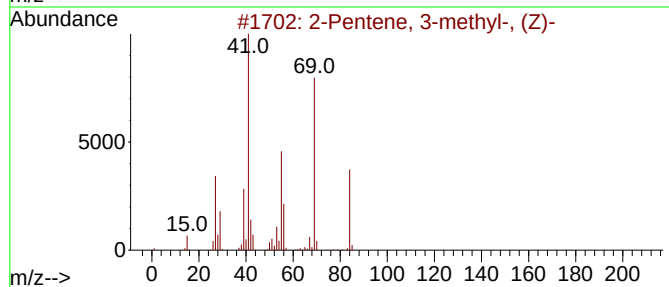
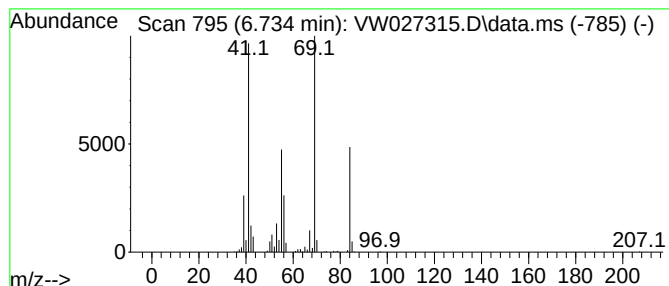
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.734	4.15 ug/L	282428	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94	
2	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	94	
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	94	
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94	
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	94	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

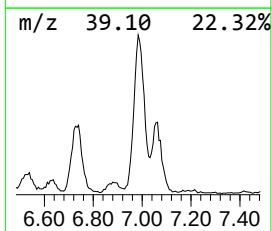
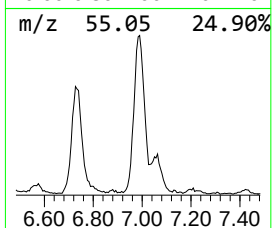
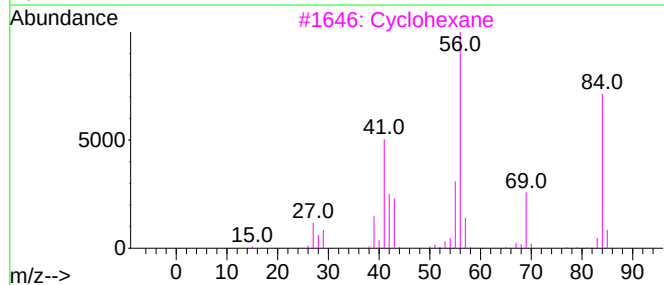
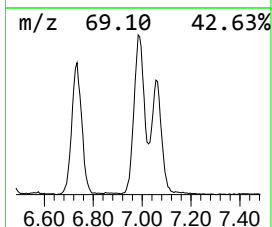
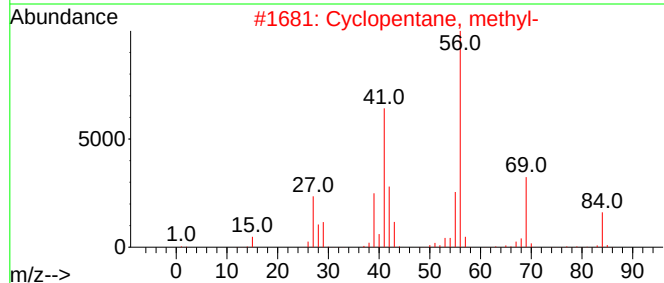
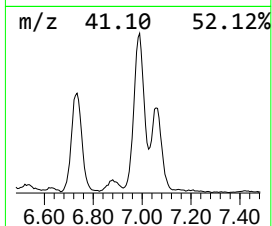
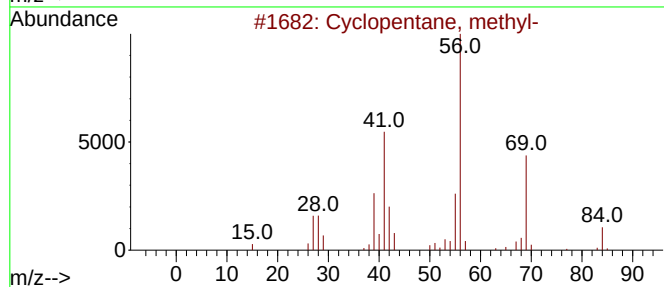
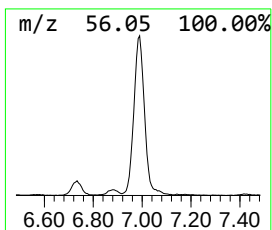
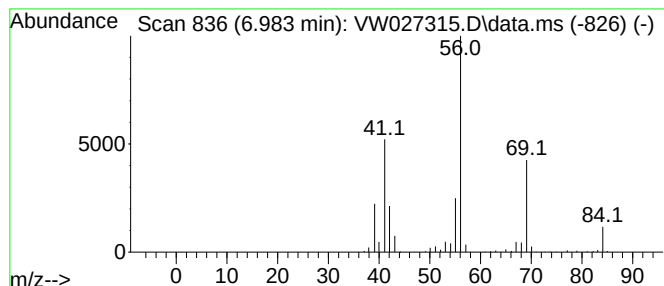
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic6.983 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.983	9.12 ug/L	620090	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3		Cyclohexane	84	C6H12	000110-82-7	78
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

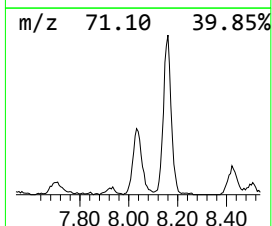
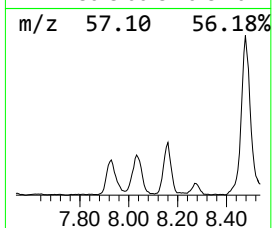
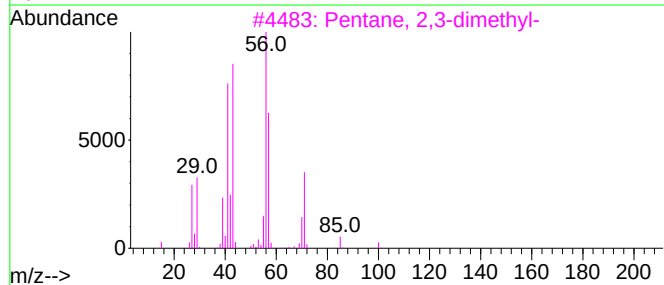
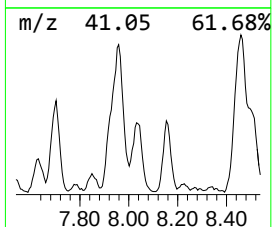
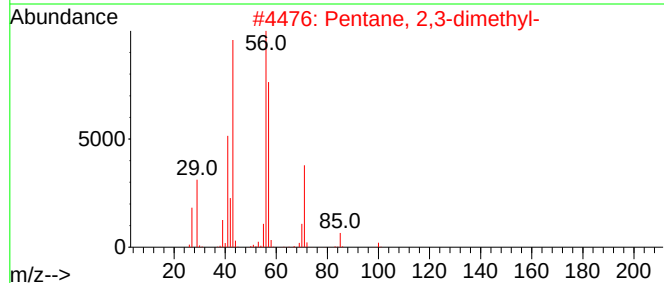
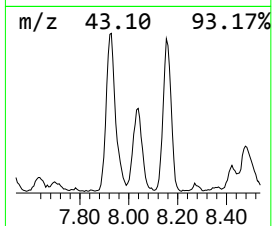
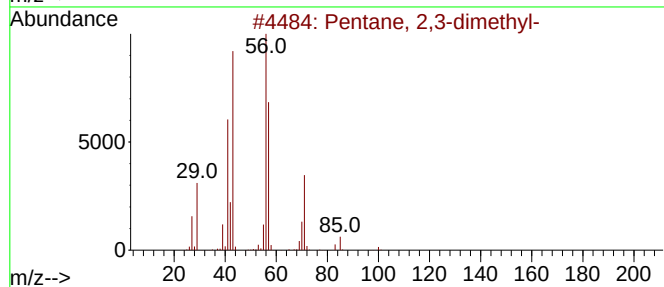
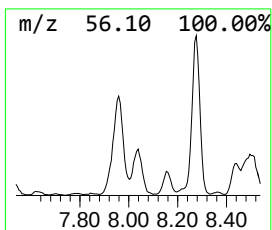
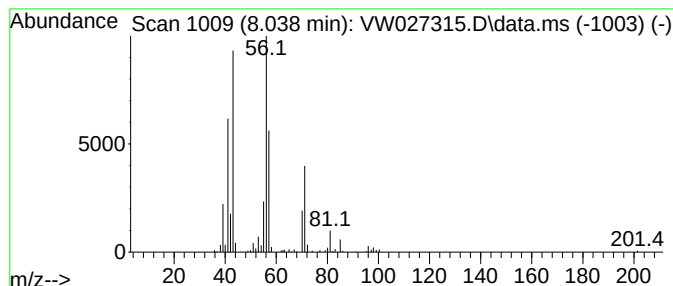
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.038	2.77 ug/L	188123	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	59
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	56
4		1-Hexene, 5-methyl-	98	C7H14	003524-73-0	47
5		Heptane	100	C7H16	000142-82-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

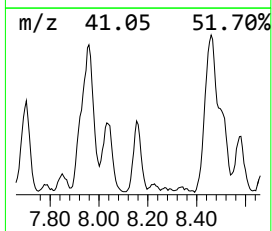
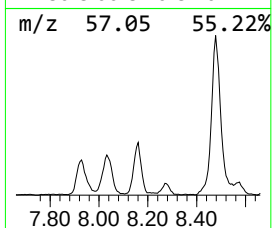
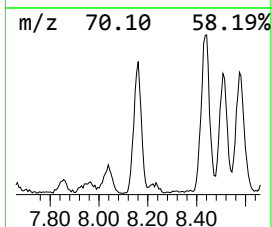
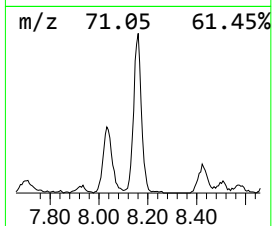
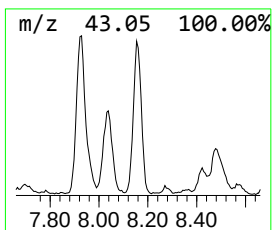
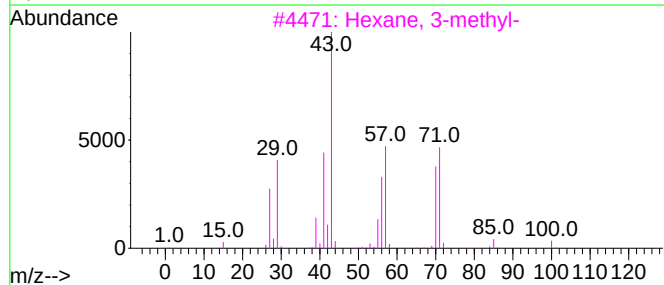
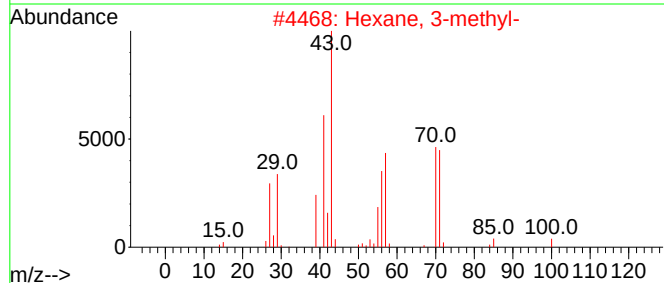
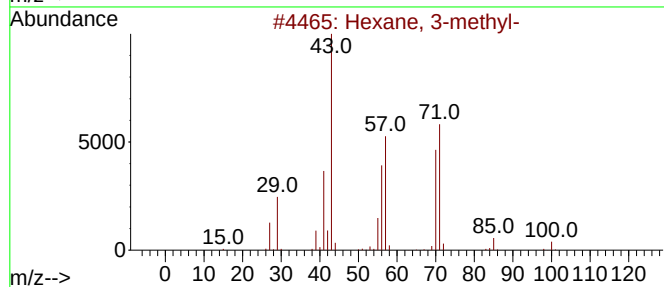
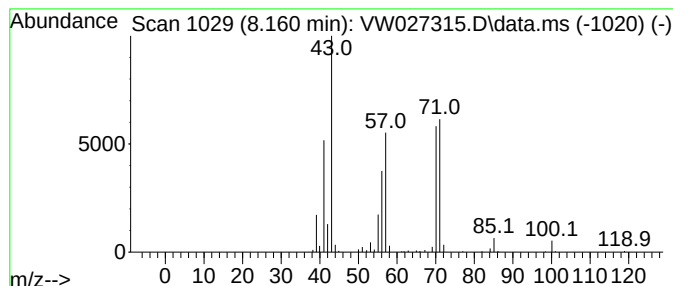
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.160	2.57 ug/L	174629	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	90
3	Hexane, 3-methyl-			100	C7H16	000589-34-4	87
4	Heptane, 4-methyl-			114	C8H18	000589-53-7	72
5	Heptane			100	C7H16	000142-82-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

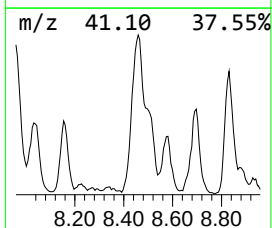
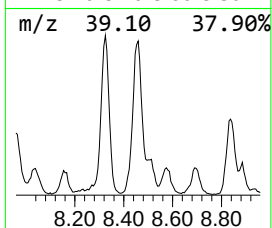
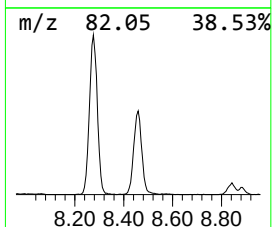
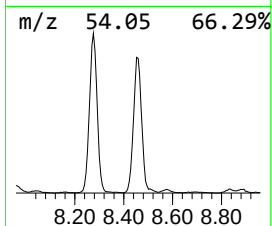
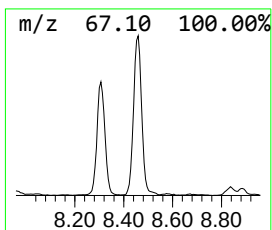
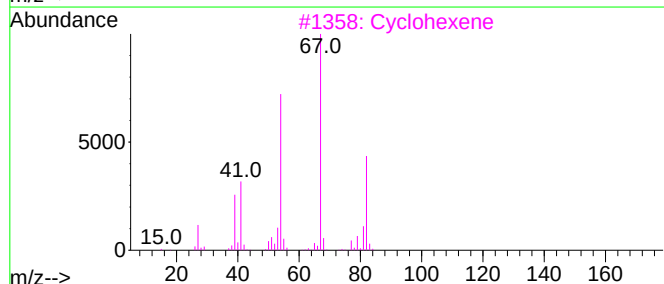
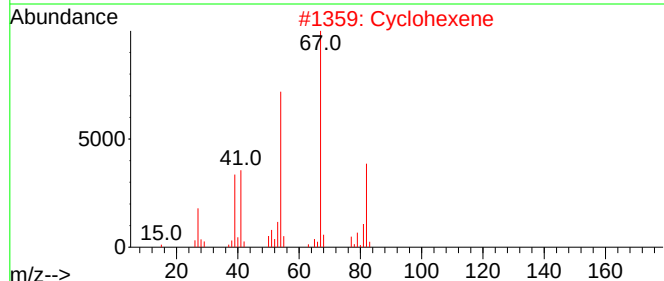
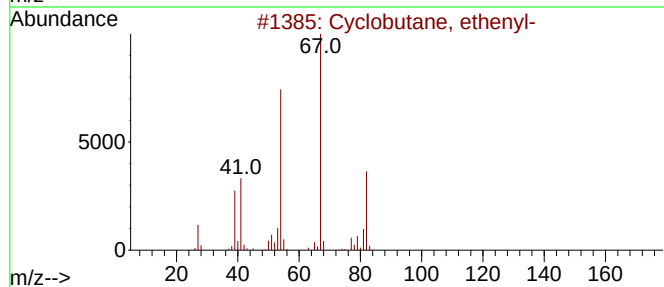
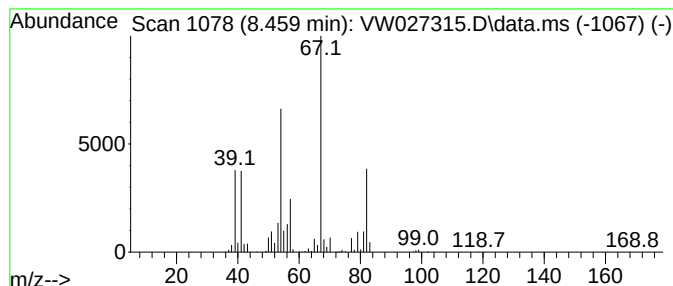
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 Cyclobutane, ethenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.459	10.94 ug/L	743639	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclobutane, ethenyl-	82	C6H10	002597-49-1	93
2		Cyclohexene	82	C6H10	000110-83-8	93
3		Cyclohexene	82	C6H10	000110-83-8	93
4		Ethylidenecyclobutane	82	C6H10	001528-21-8	90
5		Cyclohexene	82	C6H10	000110-83-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

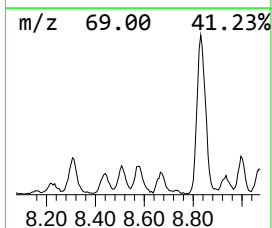
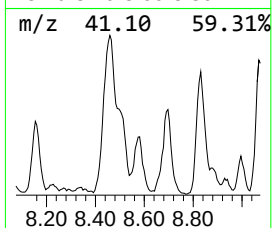
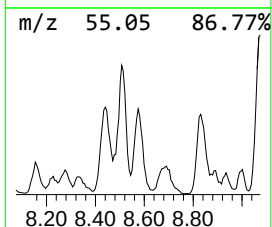
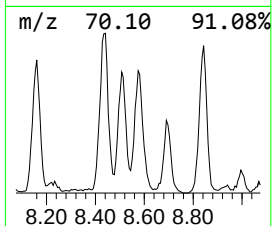
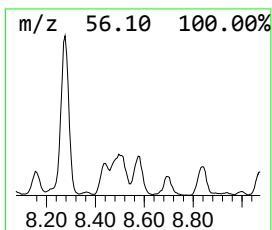
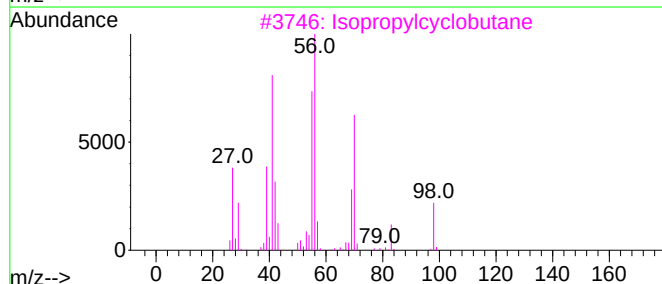
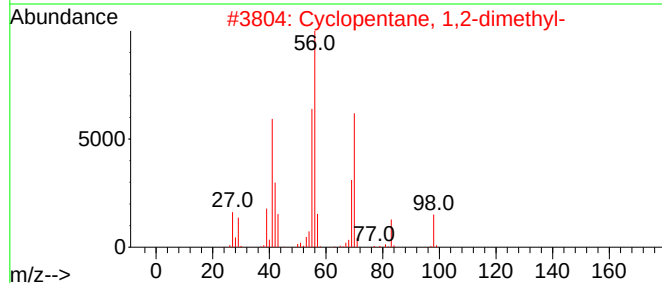
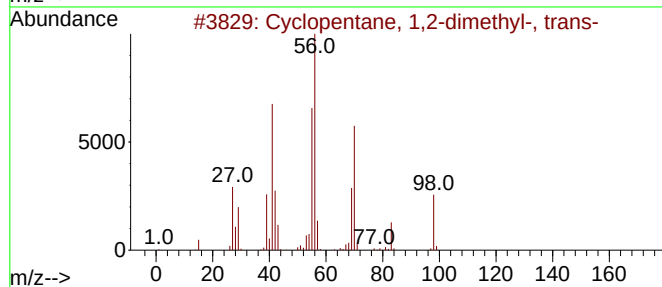
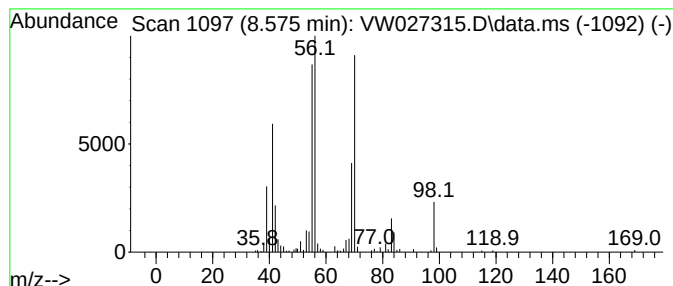
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic8.575 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	2.21 ug/L	150462	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
2		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
3		Isopropylcyclobutane	98	C7H14	000872-56-0	90
4		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87
5		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

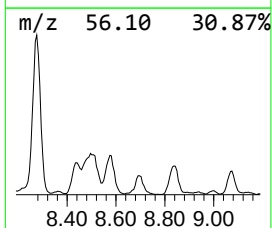
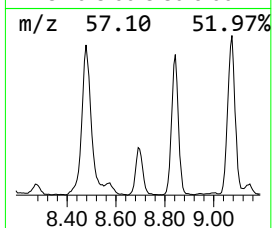
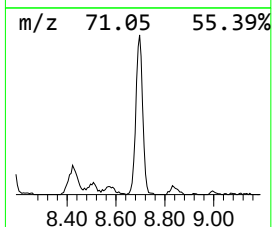
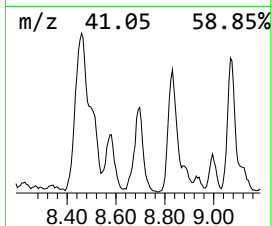
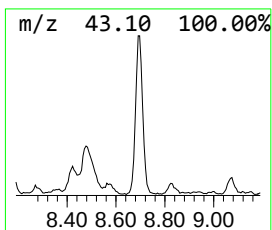
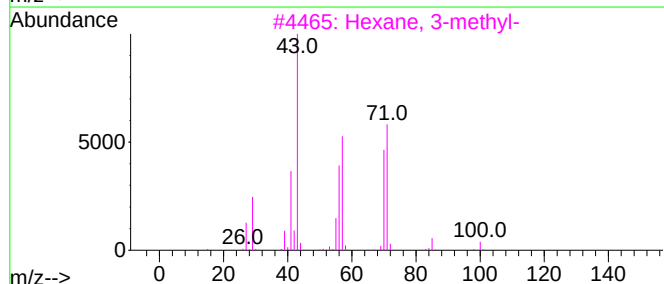
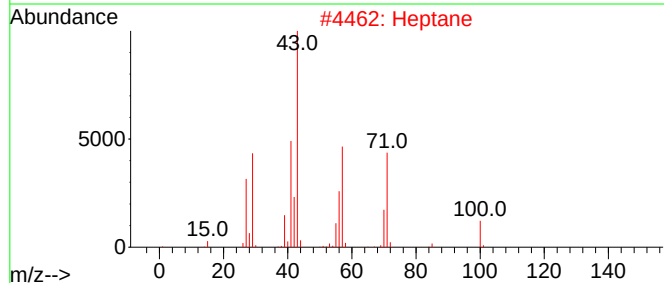
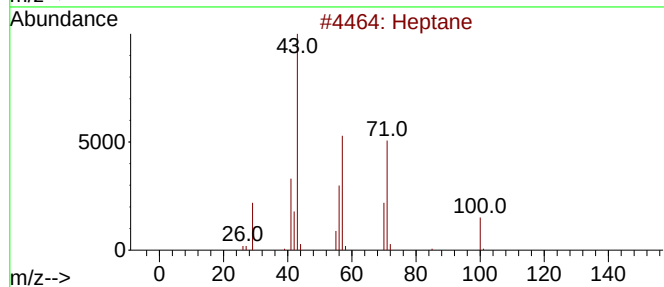
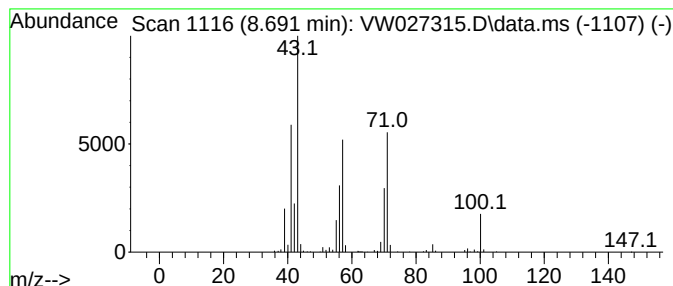
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.691	2.96 ug/L	201183	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane	100	C7H16	000142-82-5	90
2		Heptane	100	C7H16	000142-82-5	87
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	50
5		Heptane	100	C7H16	000142-82-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

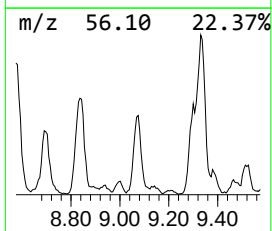
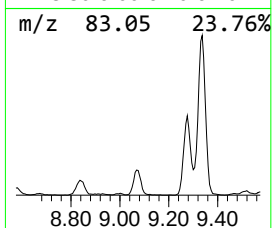
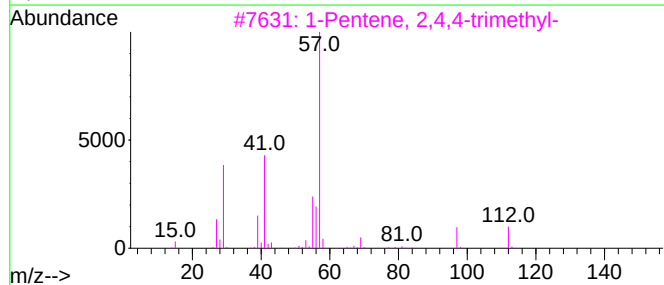
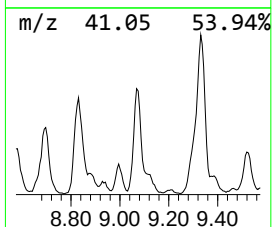
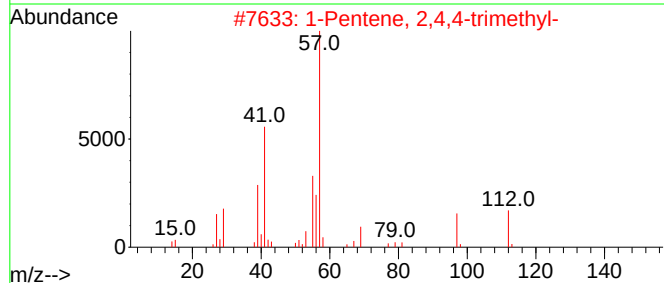
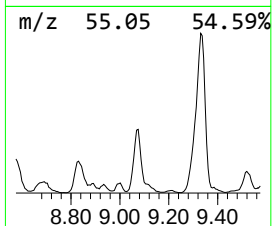
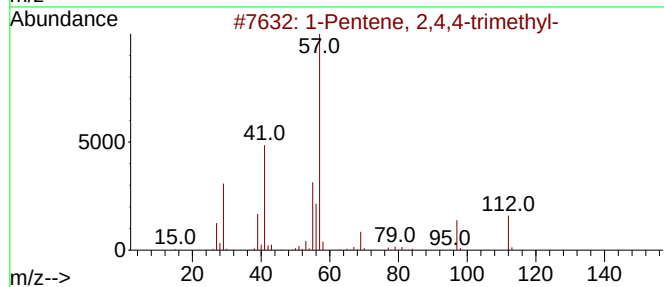
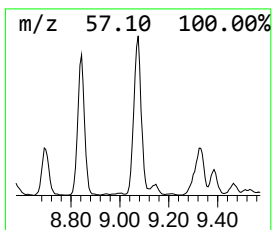
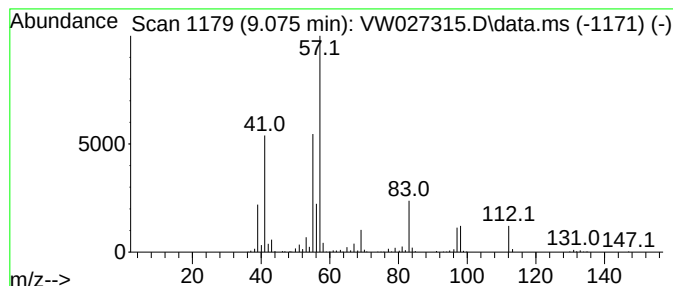
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.075	3.87 ug/L	263276	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	64
2		1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	64
3		1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	52
4		2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	49
5		3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

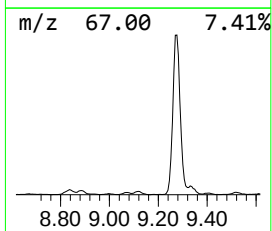
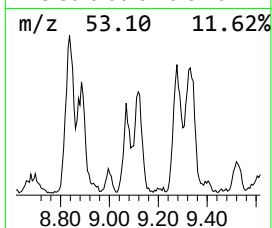
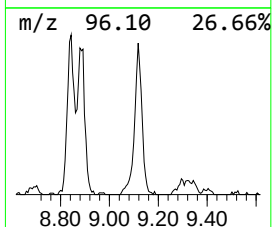
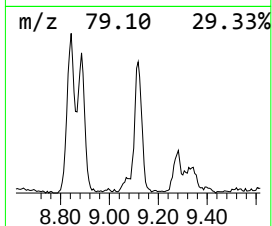
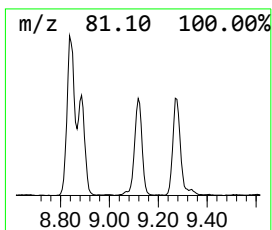
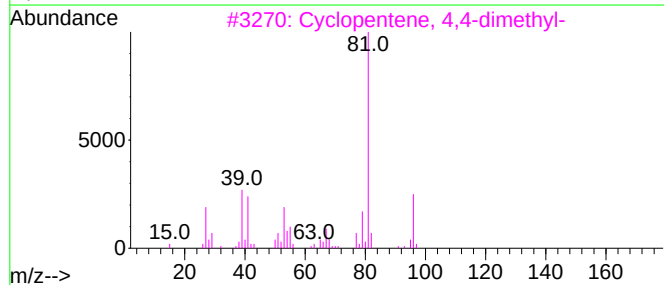
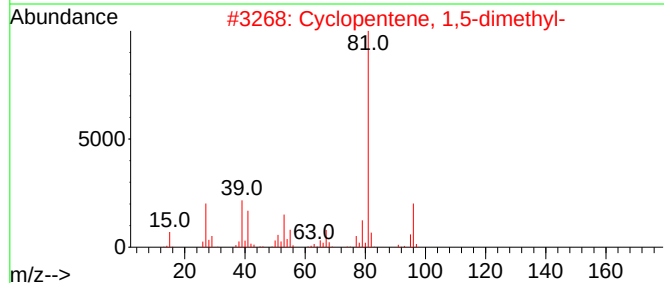
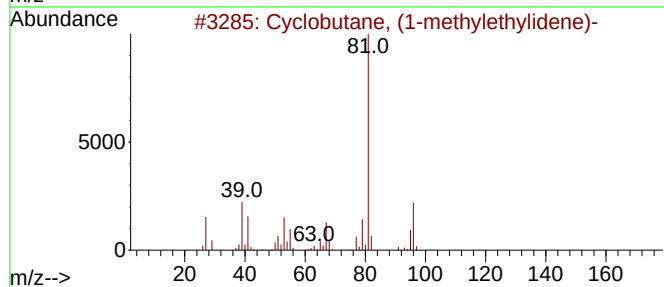
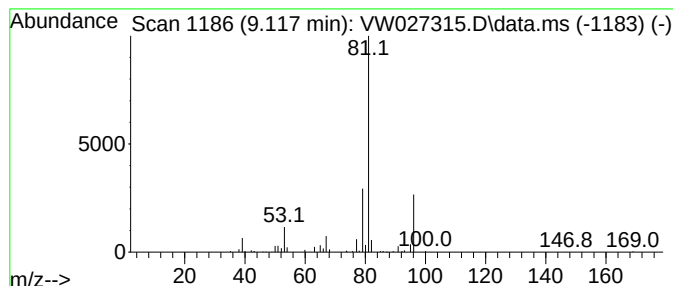
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 20 Cyclopentene, 1,5-dimethyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.117	1.95 ug/L	132943	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	72
2		Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	72
3		Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	72
4		Furan, 2-ethyl-	96	C6H8O	003208-16-0	72
5		Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

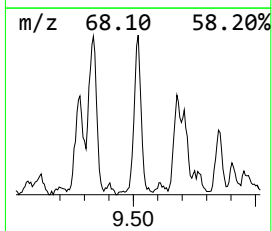
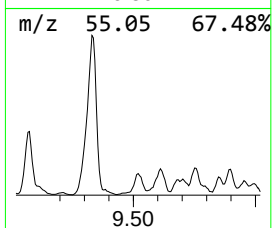
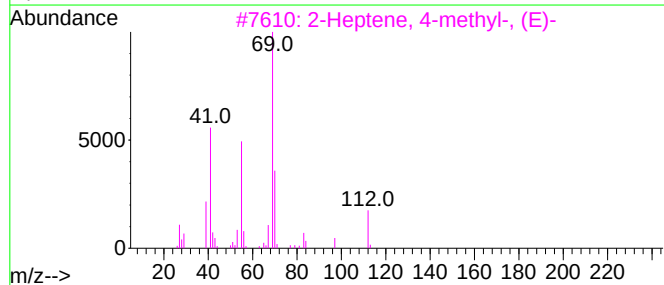
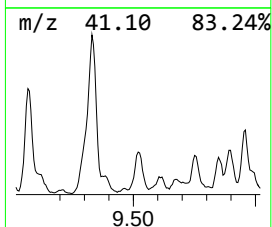
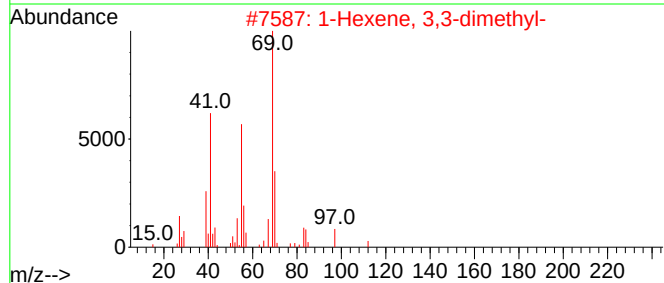
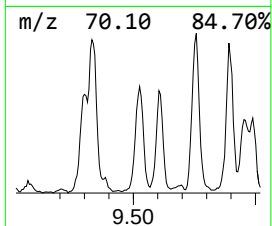
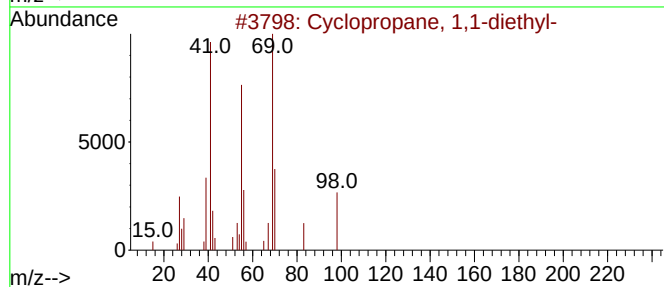
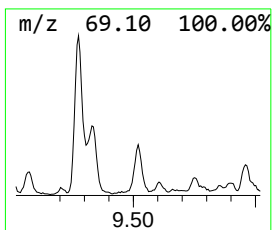
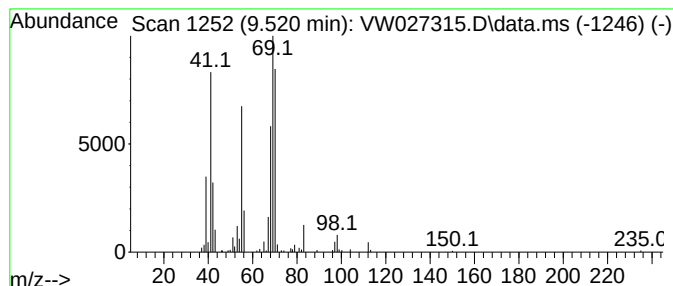
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic9.520 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.520	1.34 ug/L	91246	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	49
2		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
3		2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	46
4		2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	45
5		3-Methyl-3-hexene	98	C7H14	003404-65-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

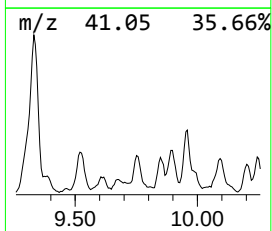
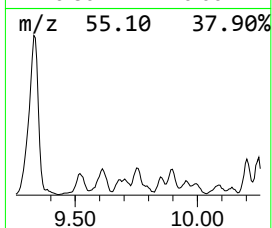
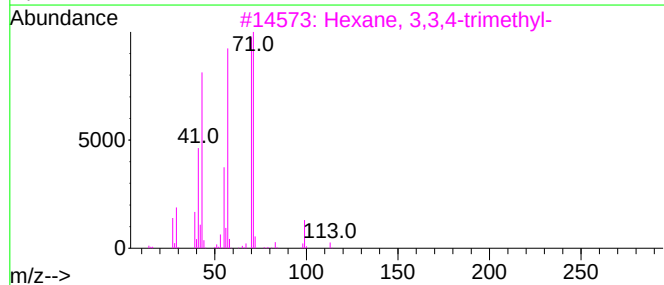
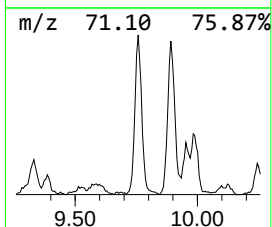
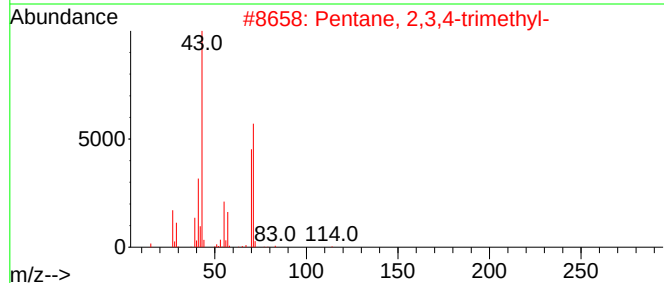
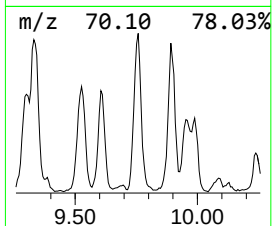
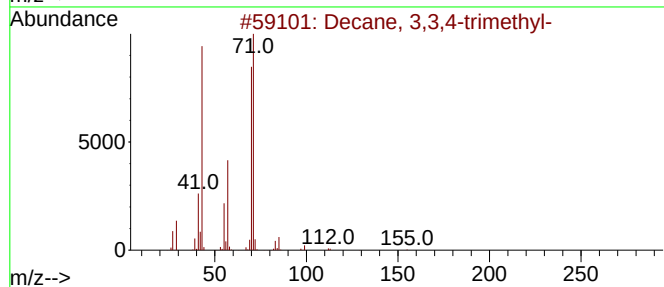
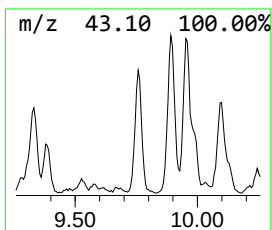
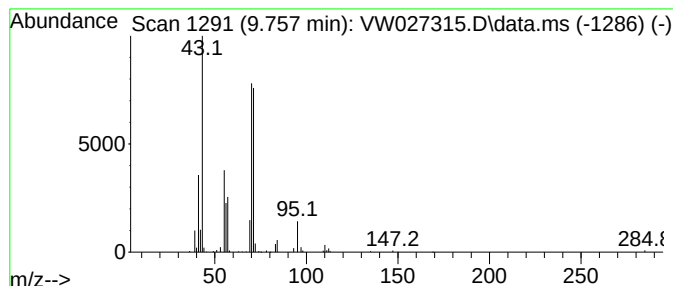
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	2.08 ug/L	141770	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	72
2		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
3		Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64
4		Diisooamyl ether	158	C10H22O	000544-01-4	64
5		Pentane, 3-ethyl-	100	C7H16	000617-78-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

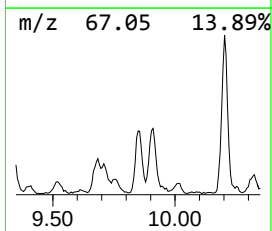
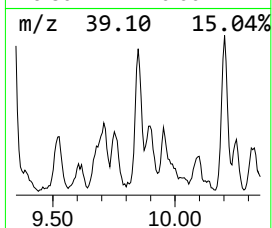
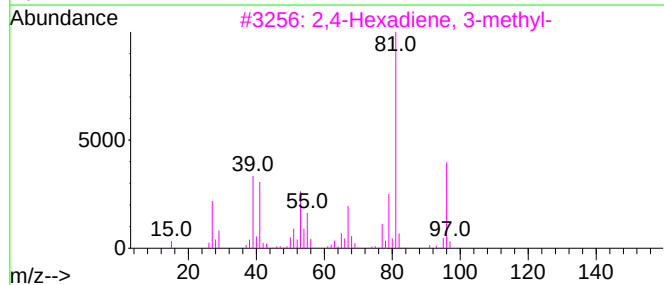
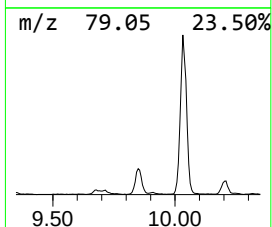
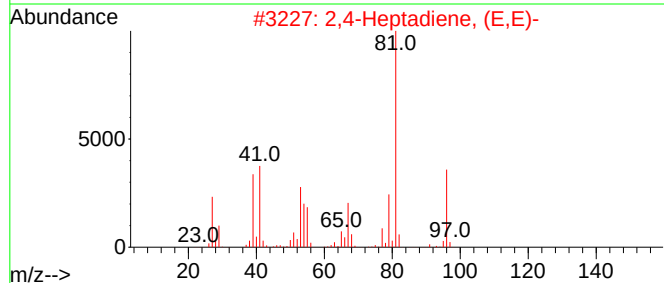
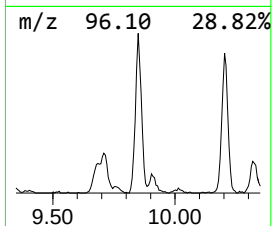
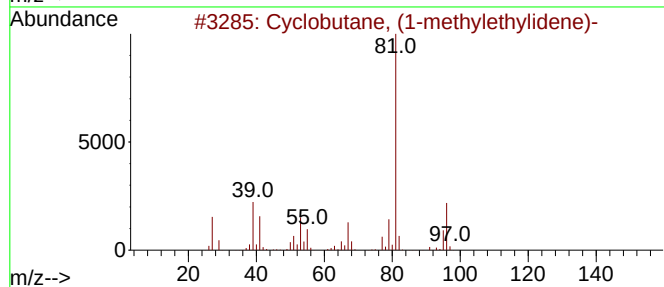
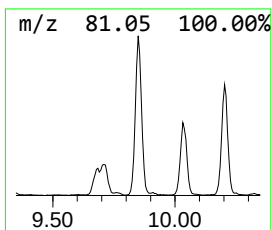
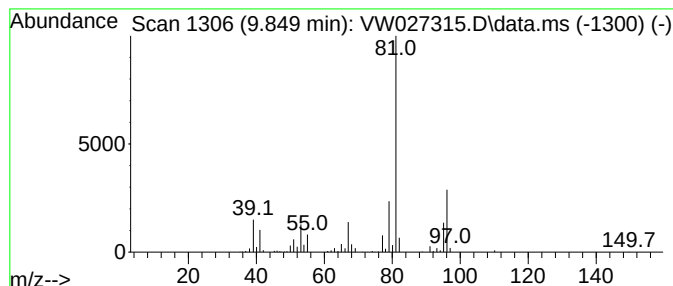
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 23 Cyclobutane, (1-methylethyl... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.849	3.78 ug/L	257142	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2		2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	90
3		2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	90
4		Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	80
5		3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

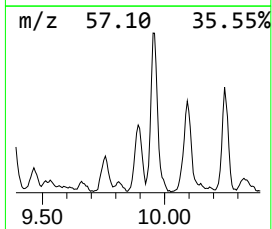
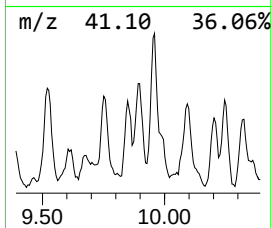
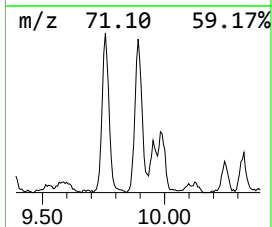
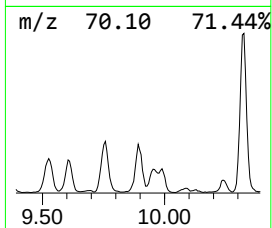
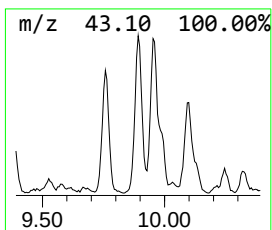
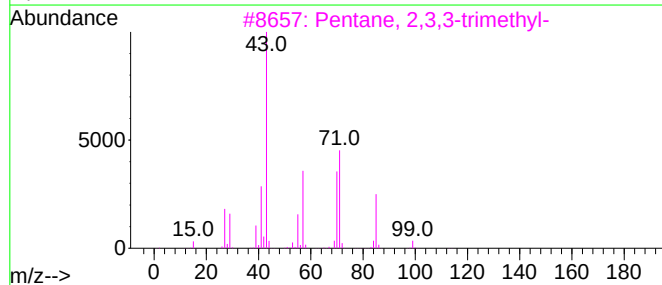
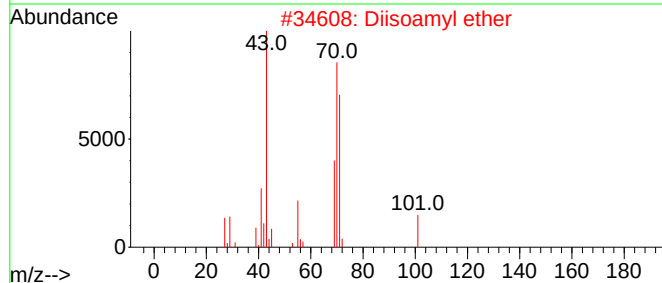
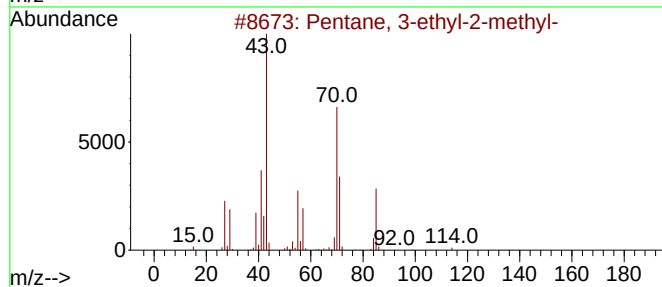
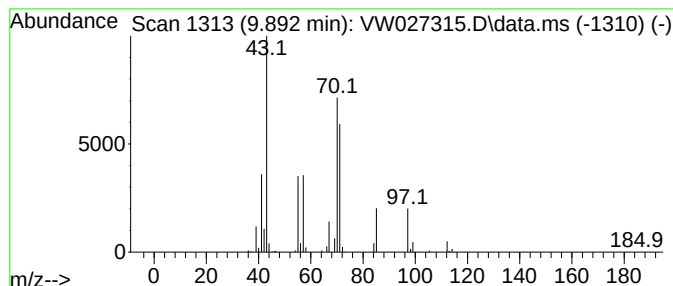
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.892	2.25 ug/L	153241	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	52
2		Diisoamyl ether	158	C10H22O	000544-01-4	47
3		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	47
4		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	47
5		Diisoamyl ether	158	C10H22O	000544-01-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

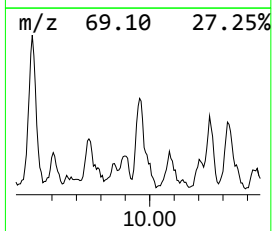
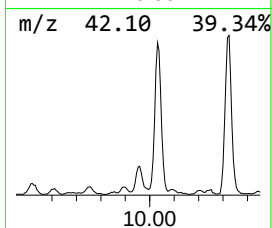
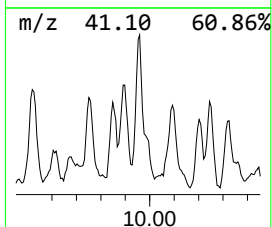
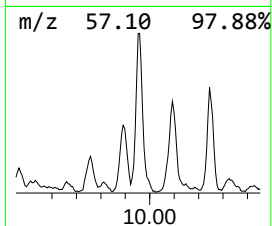
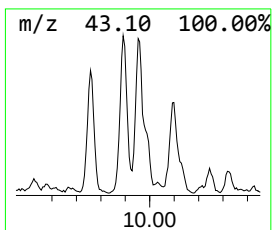
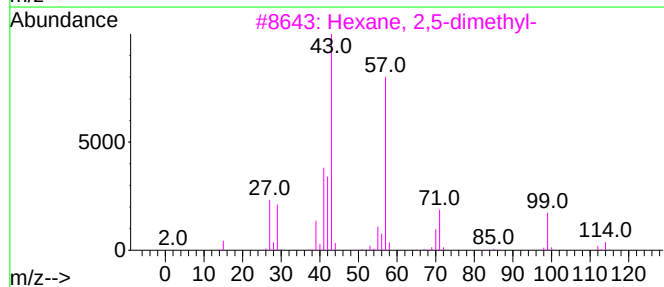
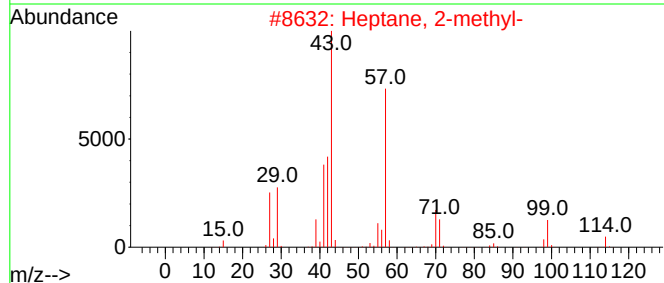
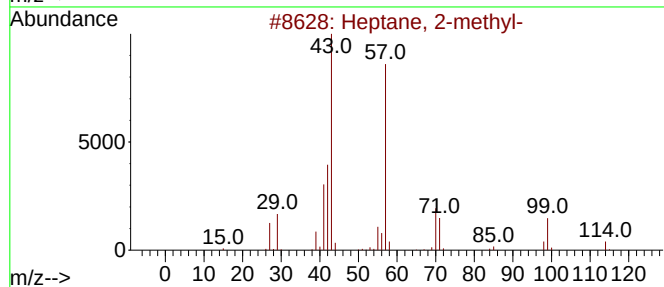
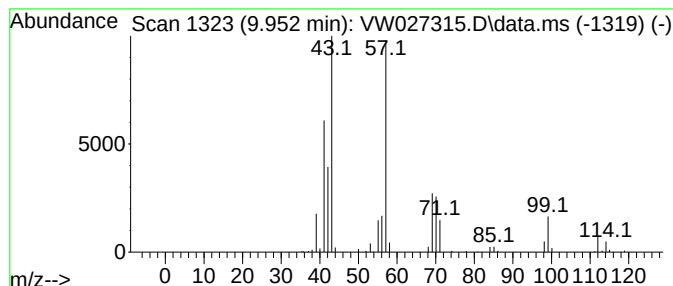
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.952	2.07 ug/L	140655	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	87
3		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
5		Heptane, 2-methyl-	114	C8H18	000592-27-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

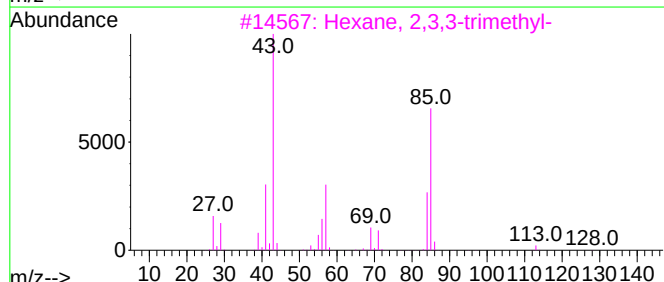
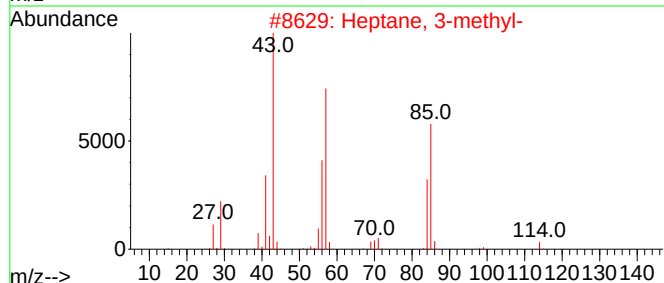
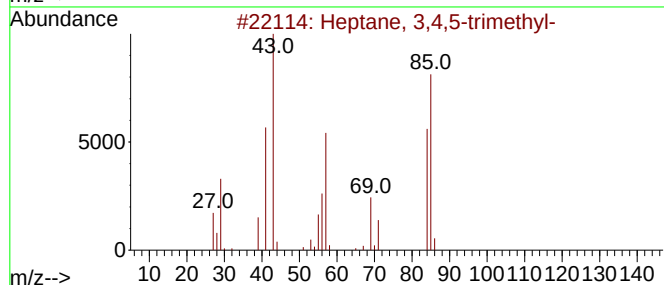
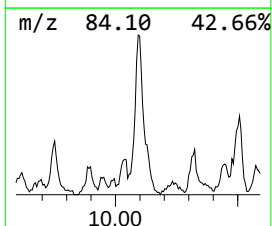
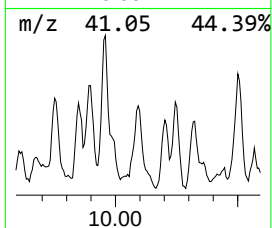
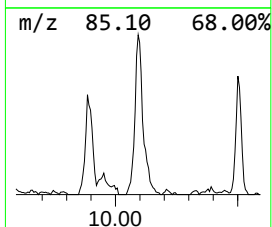
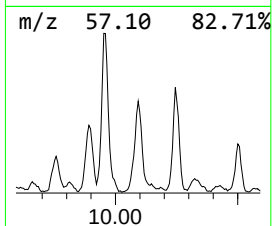
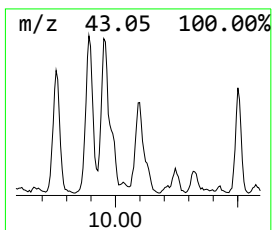
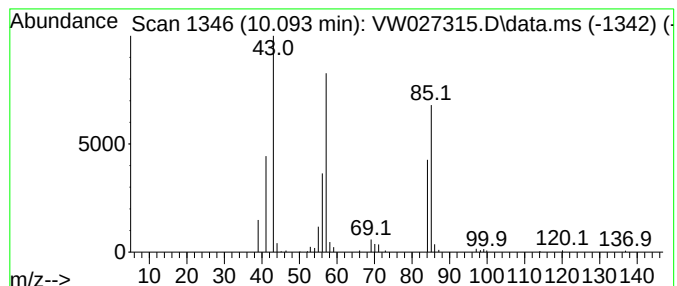
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	1.78 ug/L	120723	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	86
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	78
3		Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	72
4		Heptane, 3-methyl-	114	C8H18	000589-81-1	72
5		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

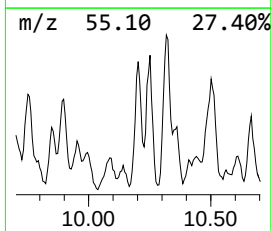
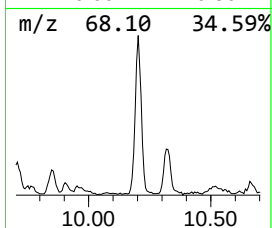
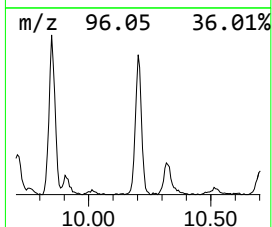
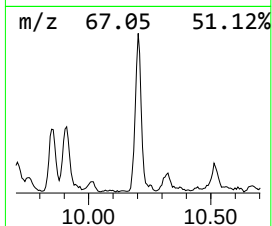
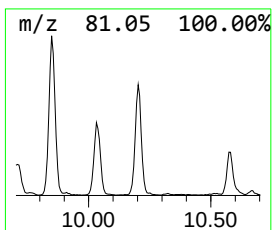
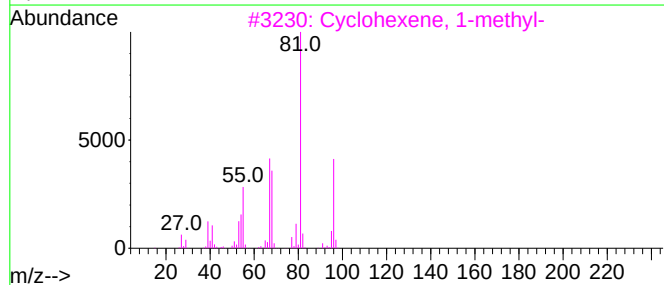
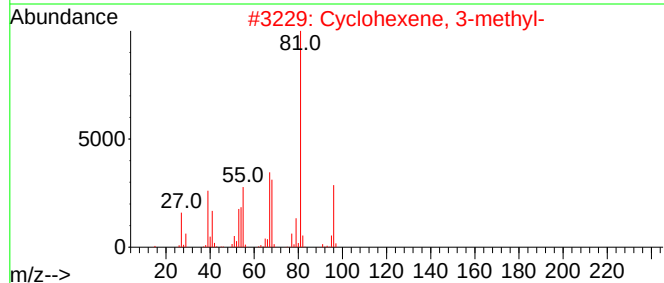
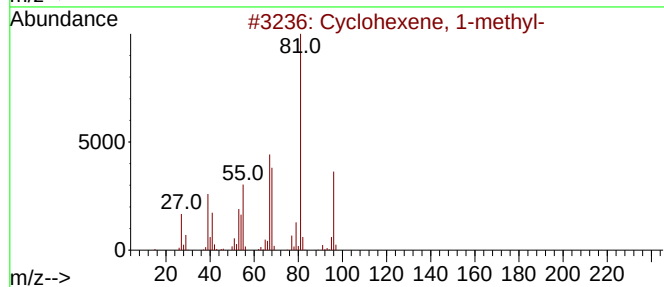
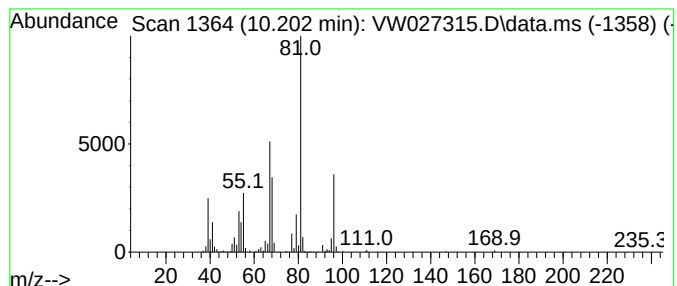
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 28 Cyclohexene, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.202	3.70 ug/L	251895	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	95
2		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	94
3		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	91
4		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
5		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

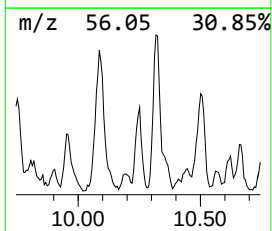
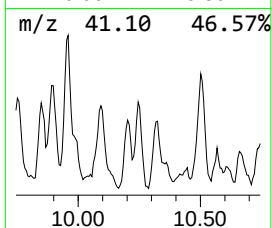
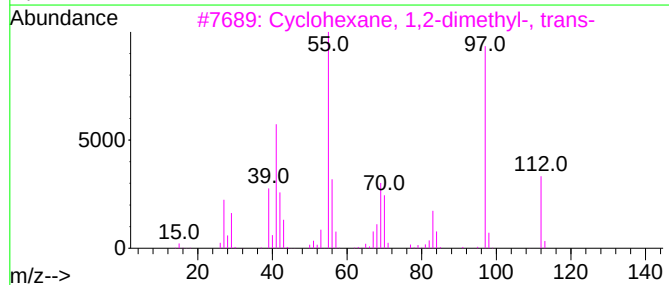
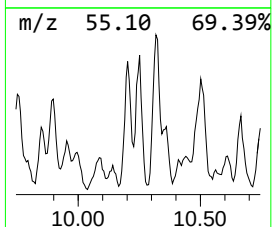
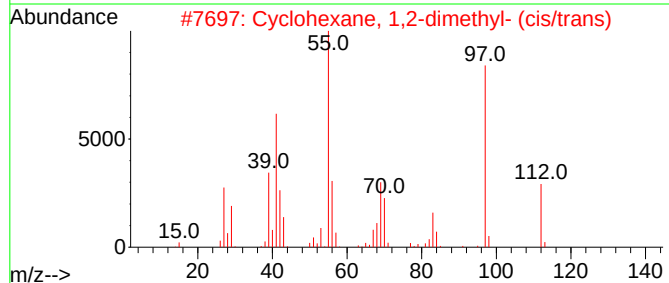
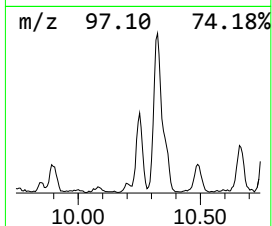
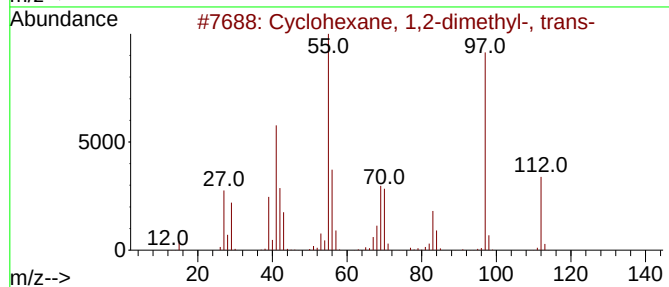
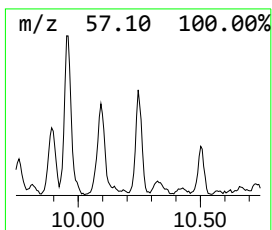
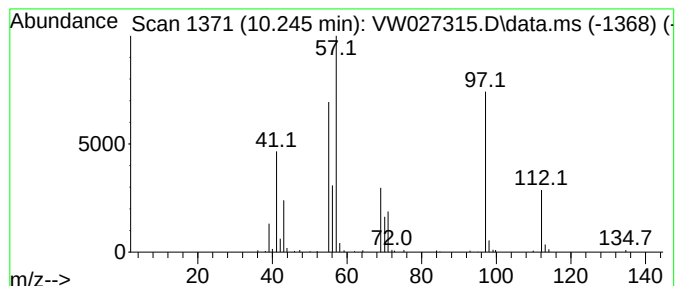
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Cyclic10.245 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	1.97 ug/L	98370	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	80
2		Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	74
3		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	74
4		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72
5		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

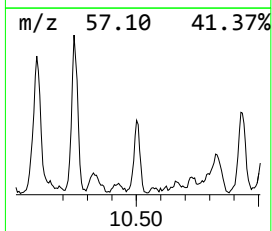
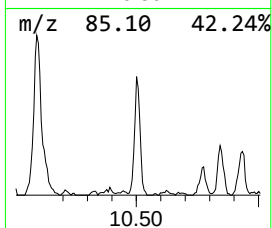
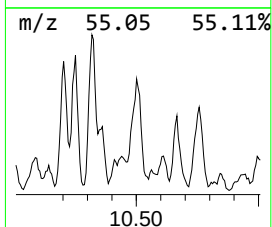
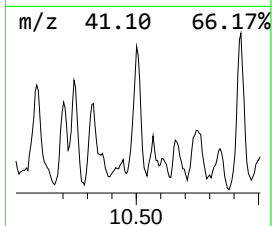
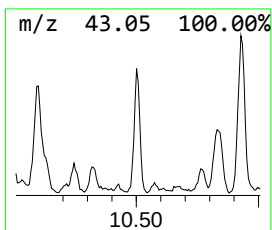
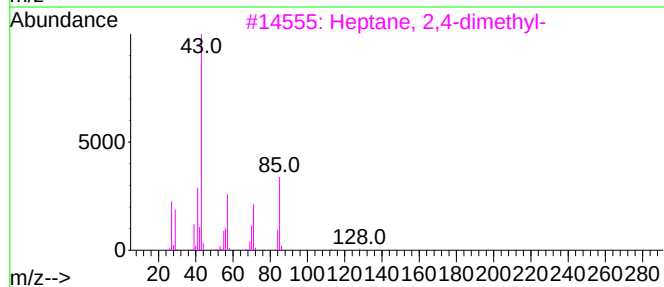
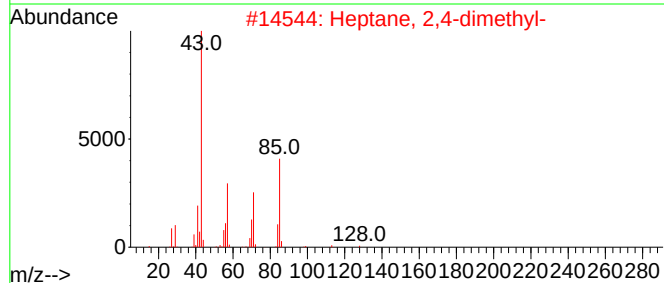
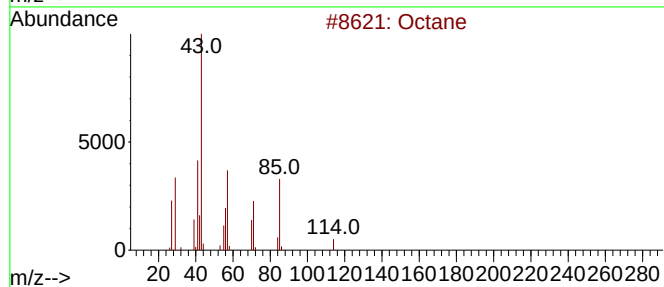
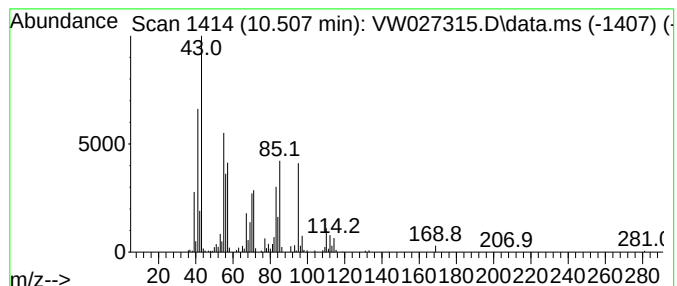
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.507	2.91 ug/L	145438	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane	114	C8H18	000111-65-9	46
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	35
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	35
4		2-Heptenal, (Z)-	112	C7H12O	057266-86-1	30
5		Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	30



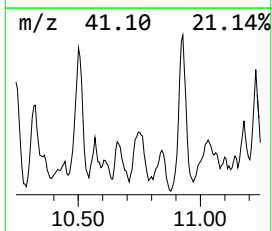
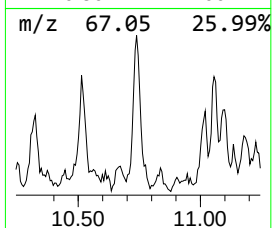
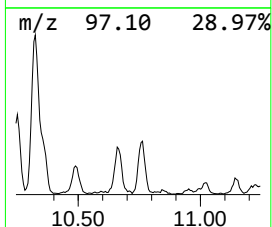
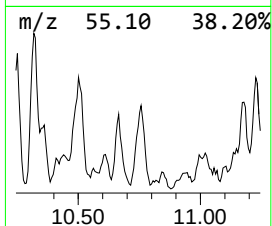
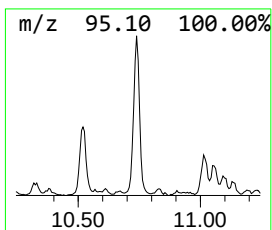
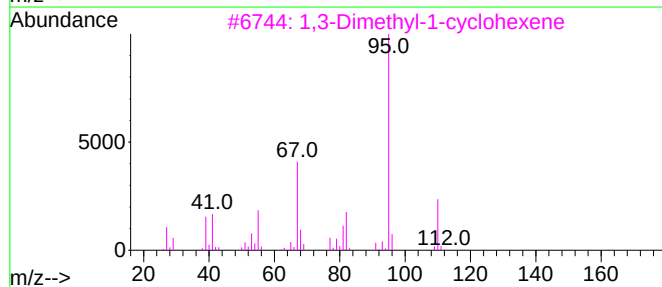
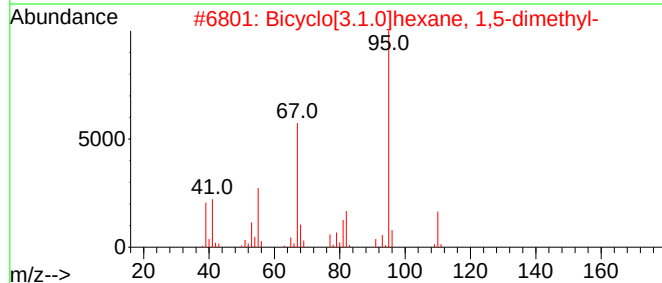
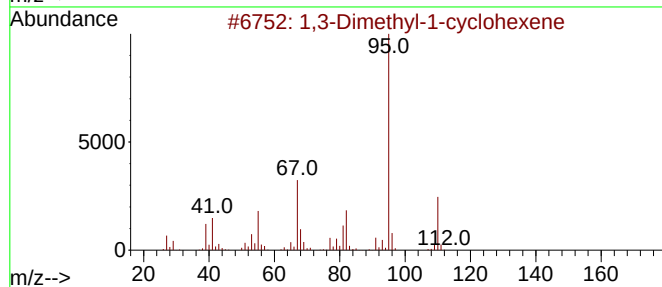
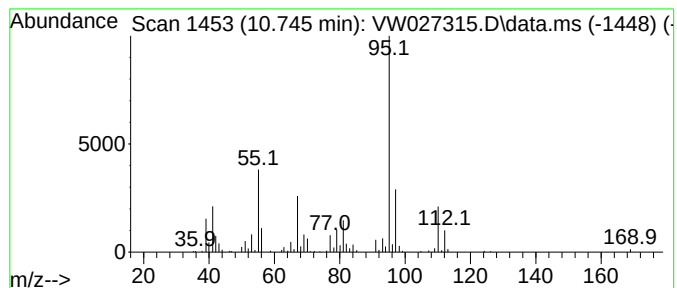
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 31 1,3-Dimethyl-1-cyclohexene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.745	2.56 ug/L	127988	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	58
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	49
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	47
4	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	46
5	Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

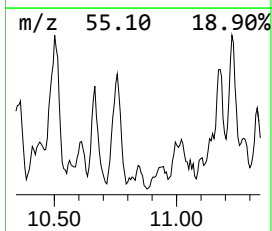
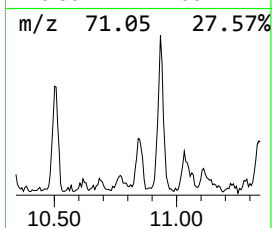
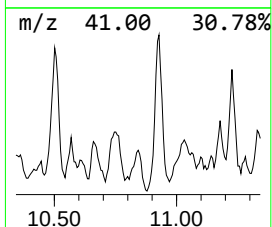
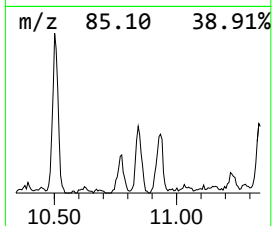
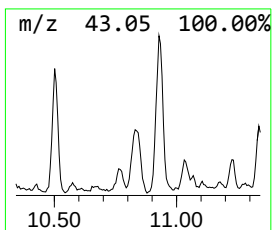
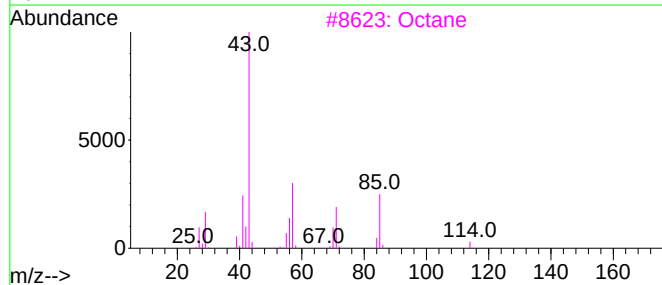
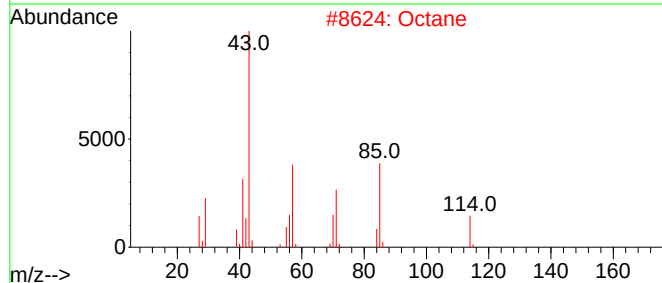
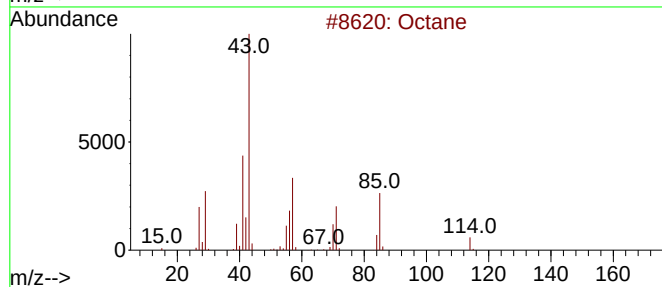
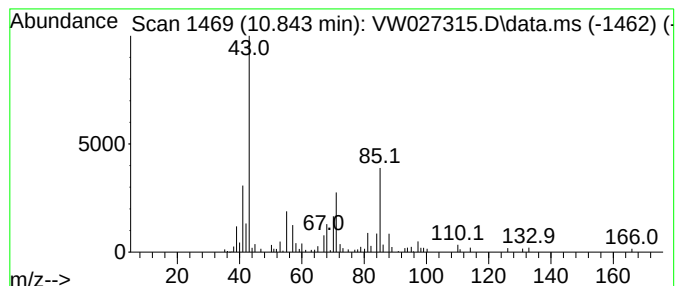
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.843	1.29 ug/L	64730	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	64
2	Octane			114	C8H18	000111-65-9	64
3	Octane			114	C8H18	000111-65-9	64
4	Octane			114	C8H18	000111-65-9	64
5	Oxalic acid, isohexyl pentyl ester			244	C13H24O4	1000309-32-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

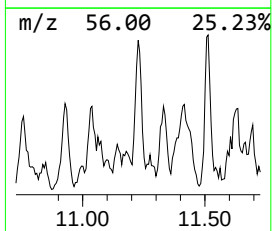
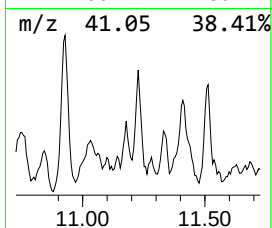
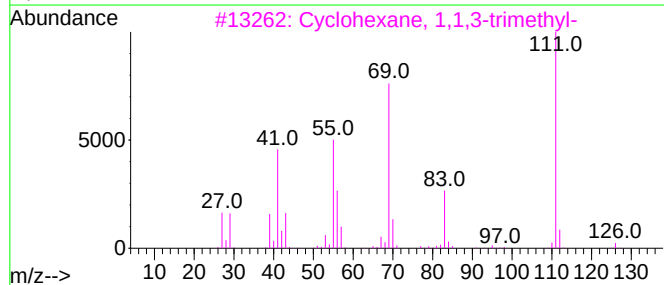
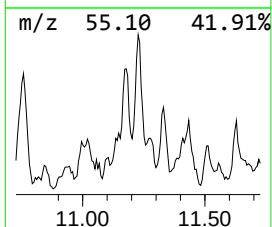
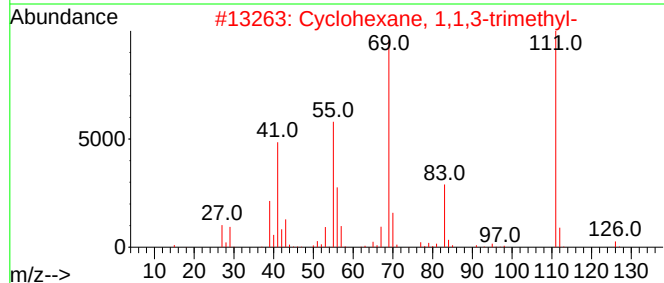
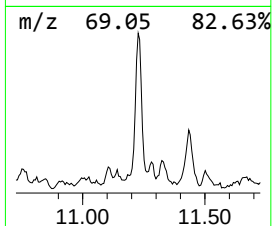
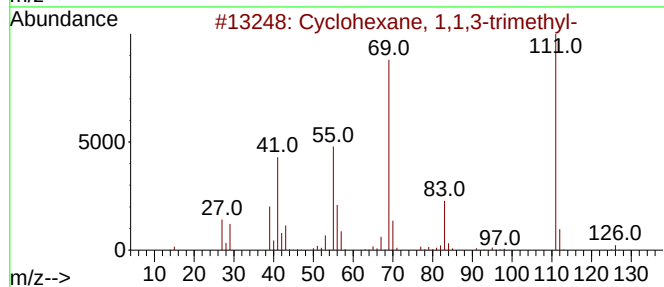
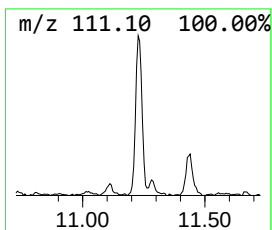
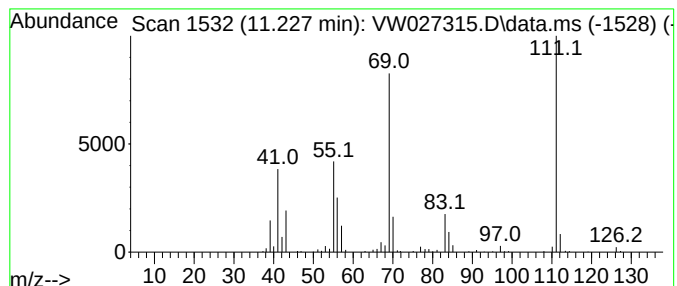
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Cyclic11.227 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	2.08 ug/L	103808	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
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, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	72
5			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

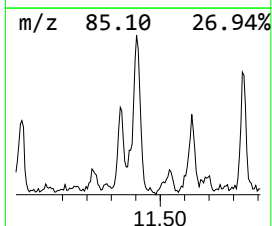
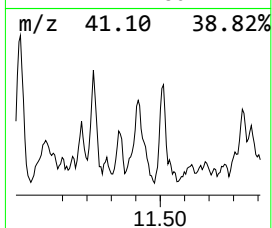
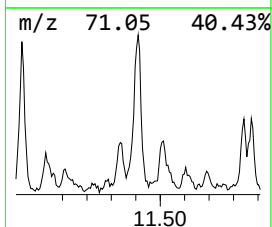
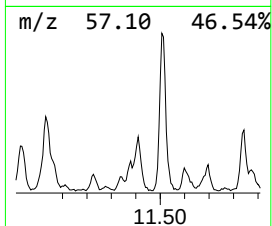
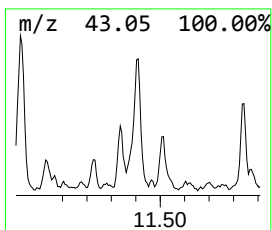
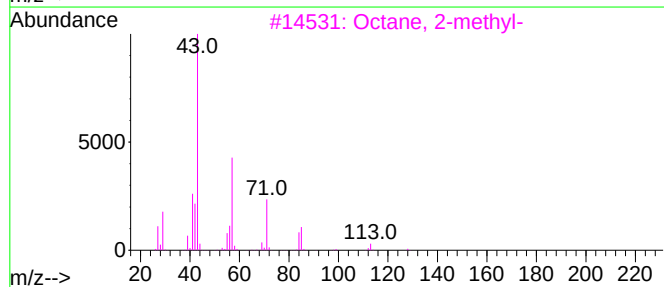
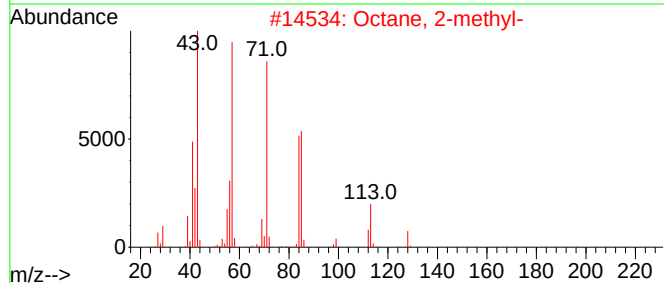
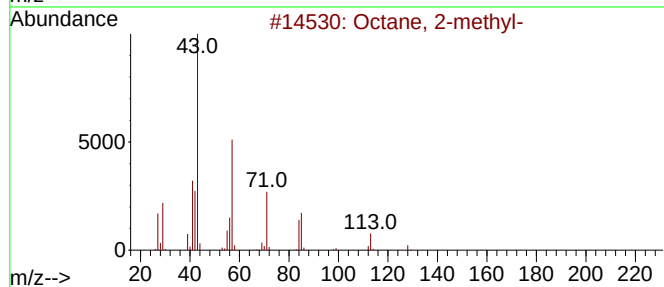
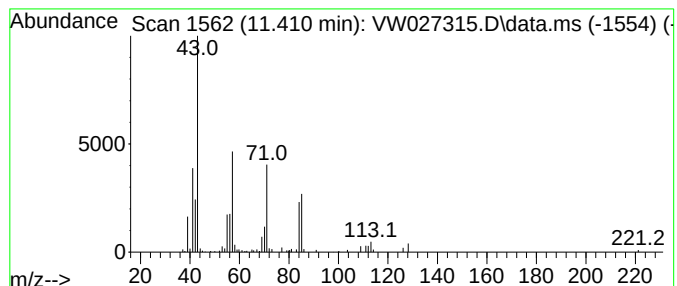
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.410	1.86 ug/L	93067	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-			128	C9H20	003221-61-2	74
2	Octane, 2-methyl-			128	C9H20	003221-61-2	72
3	Octane, 2-methyl-			128	C9H20	003221-61-2	64
4	Oxalic acid, 6-ethyloct-3-yl hex...			314	C18H34O4	1000309-34-4	59
5	Decane			142	C10H22	000124-18-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

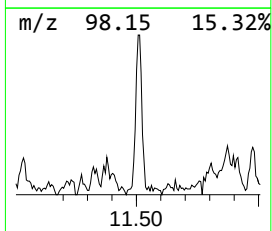
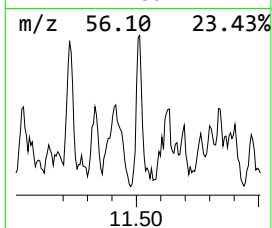
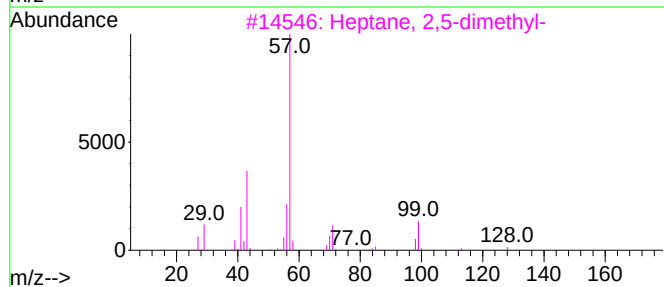
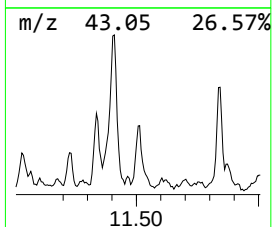
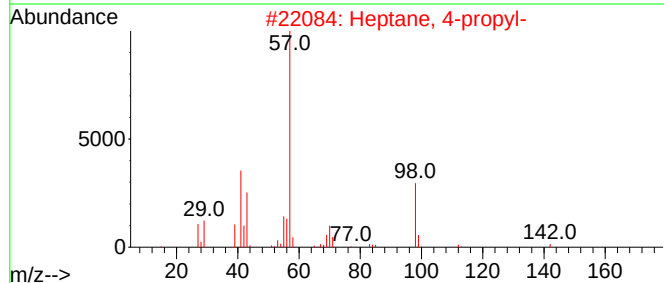
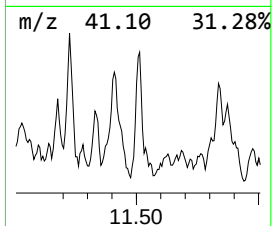
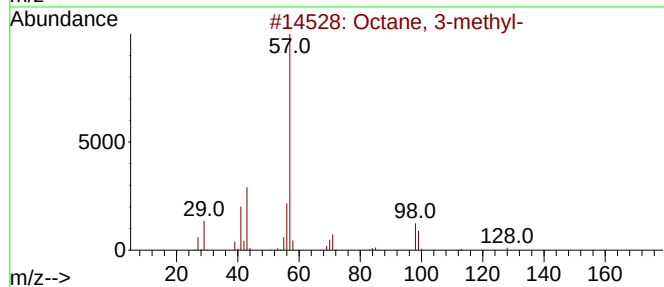
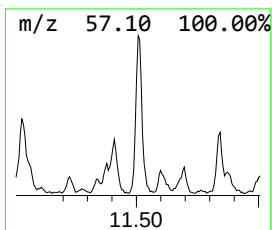
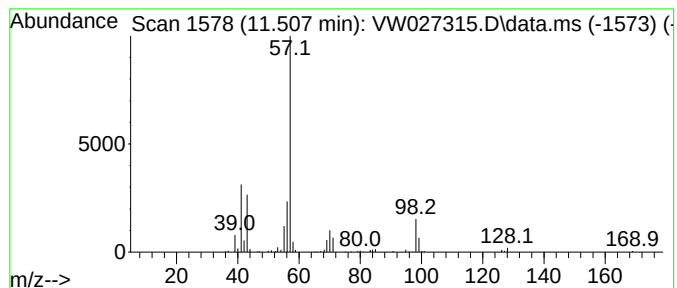
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.507	1.87 ug/L	93597	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-			128	C9H20	002216-33-3	64
2	Heptane, 4-propyl-			142	C10H22	003178-29-8	59
3	Heptane, 2,5-dimethyl-			128	C9H20	002216-30-0	59
4	Undecane, 6-methyl-			170	C12H26	017302-33-9	53
5	Undecane, 6-methyl-			170	C12H26	017302-33-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

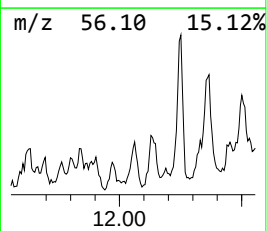
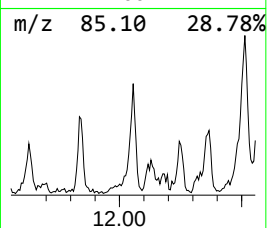
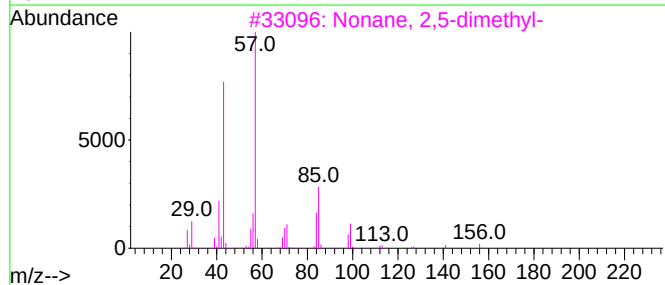
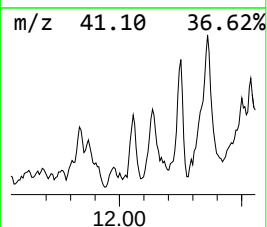
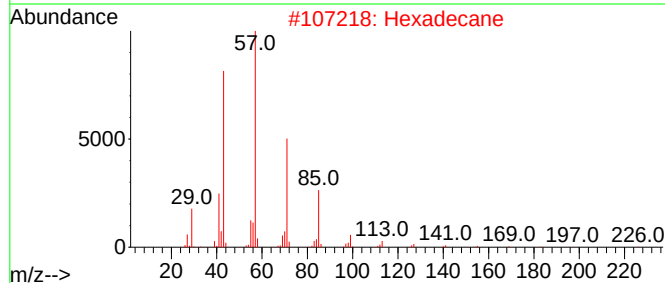
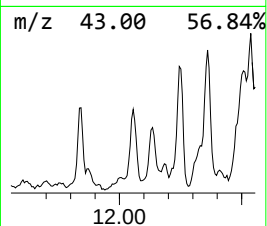
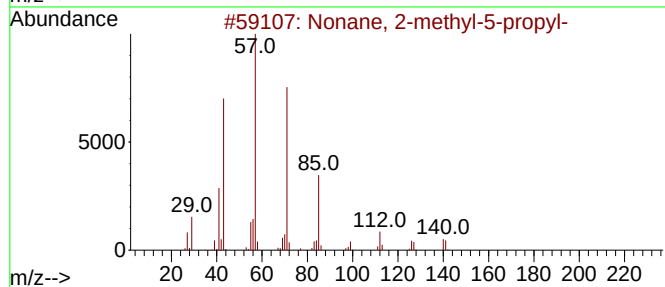
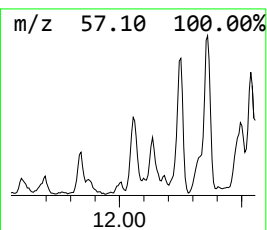
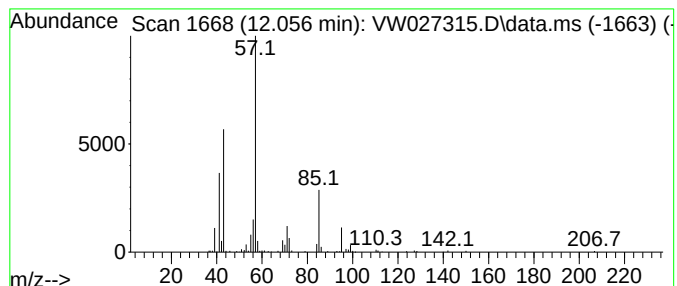
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.056	1.40 ug/L	70145	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53
2		Hexadecane	226	C16H34	000544-76-3	50
3		Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	50
4		2,4-Dimethyldodecane	198	C14H30	006117-99-3	47
5		Hexane, 3-ethyl-3-methyl-	128	C9H20	003074-76-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

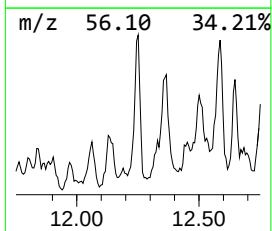
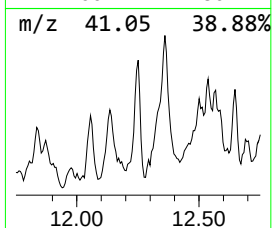
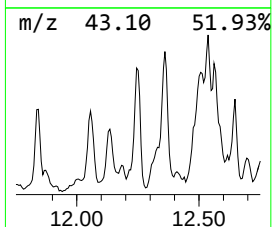
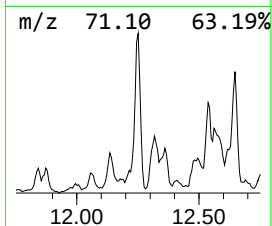
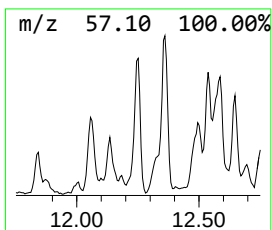
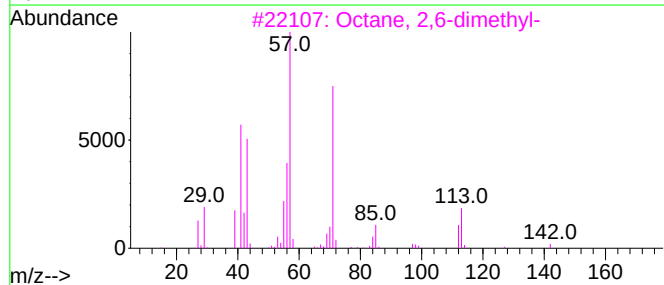
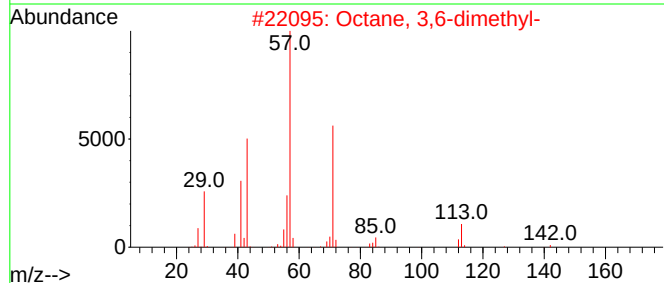
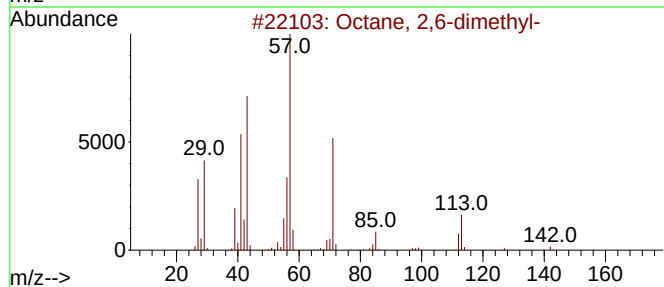
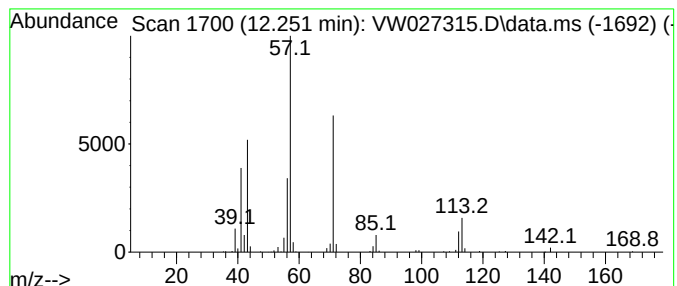
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.251	3.03 ug/L	151518	Chlorobenzene-d5		11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91	
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91	
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91	
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	91	
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	86	



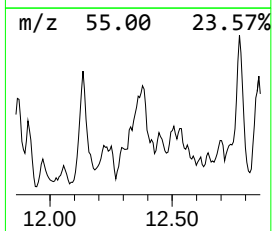
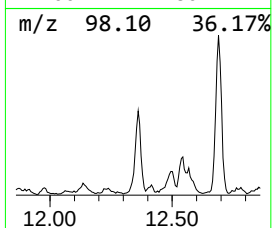
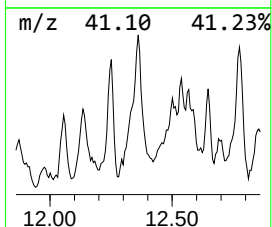
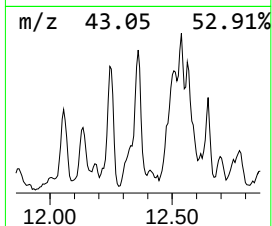
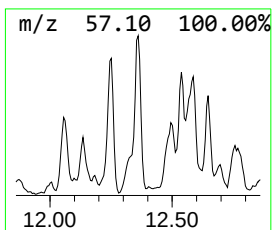
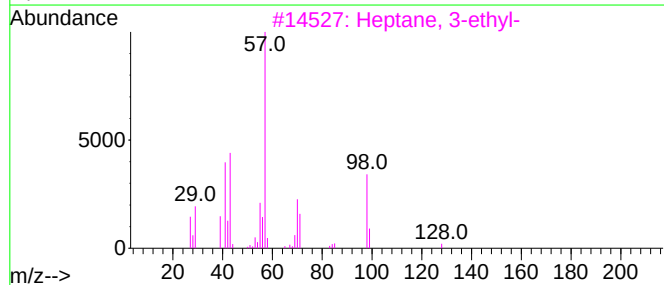
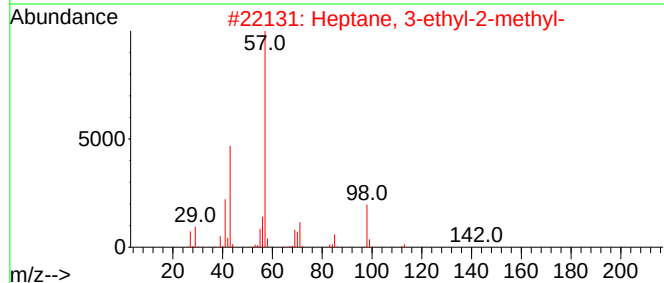
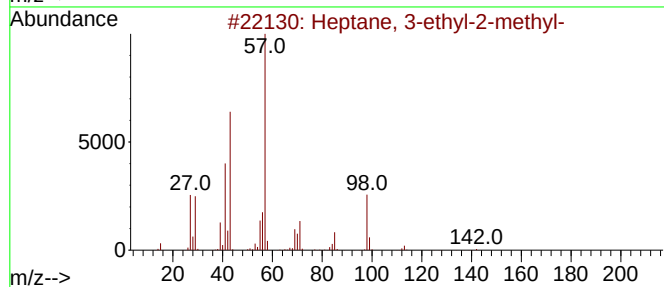
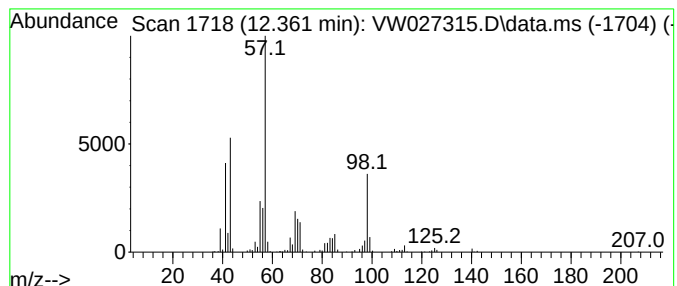
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.361	7.22 ug/L	360904	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	90
2	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	59
3	Heptane, 3-ethyl-		128	C9H20	015869-80-4	59
4	Carbonic acid, heptyl vinyl ester		186	C10H18O3	1010383-25-4	59
5	Acetic acid, trichloro-, nonyl e...		288	C11H19Cl3O2	065611-32-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

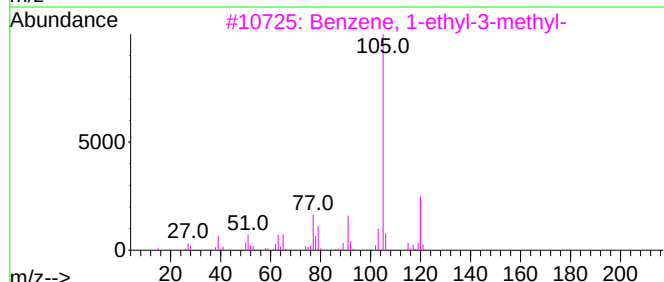
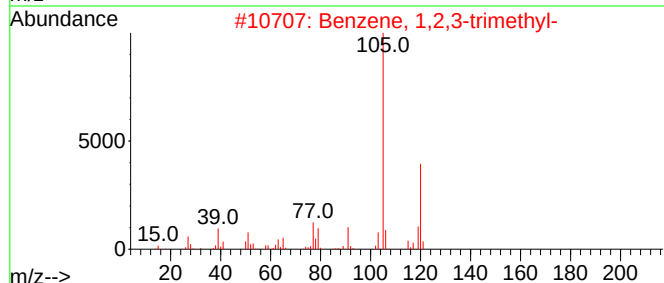
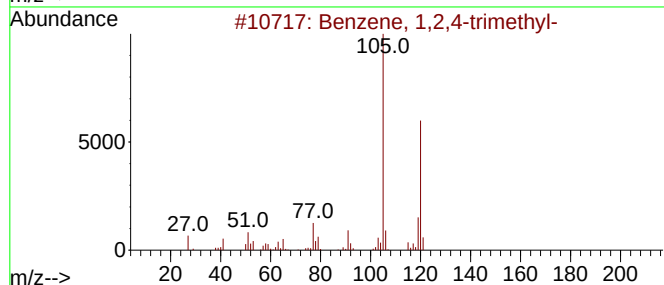
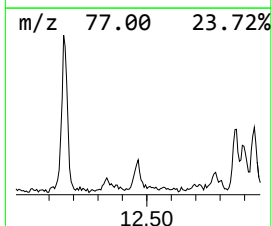
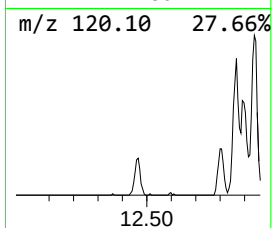
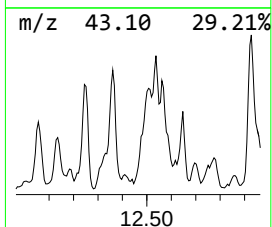
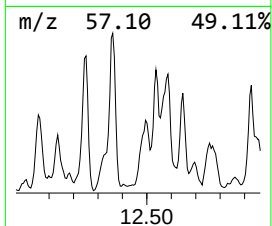
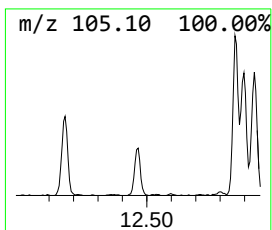
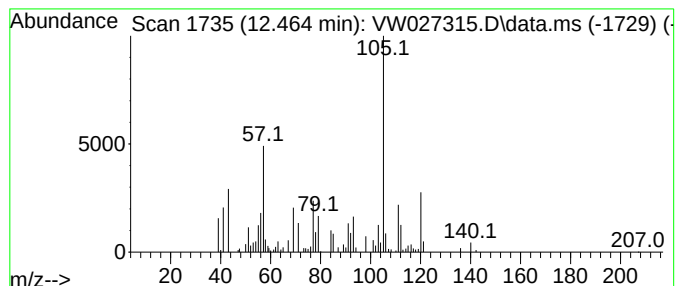
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 39 Benzene, 1,2,4-trimethyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	1.34 ug/L	67229	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	60
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
4			Mesitylene	120	C9H12	000108-67-8	55
5			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

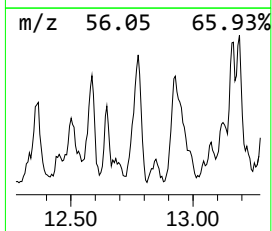
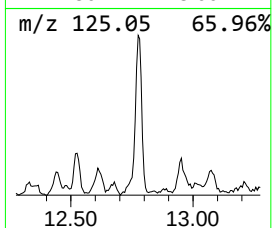
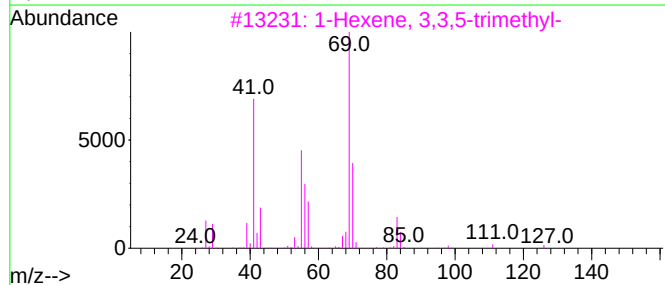
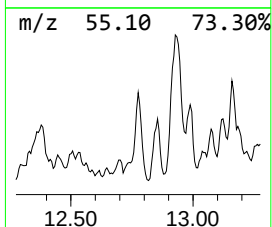
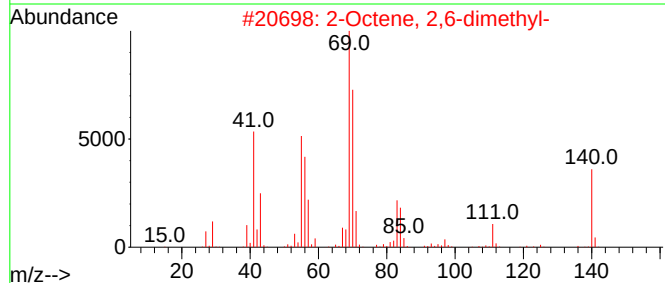
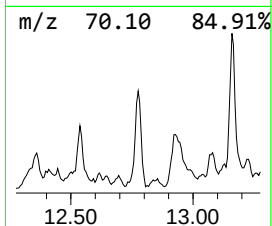
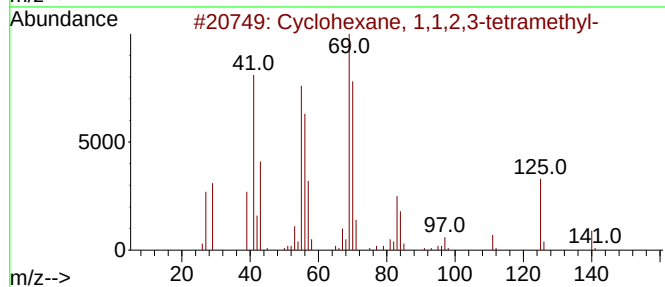
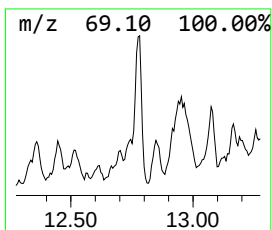
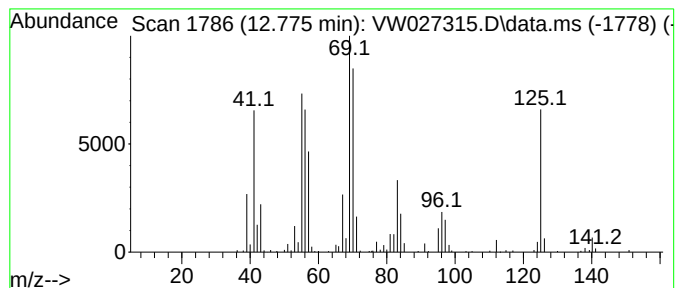
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 40 (DEL) Alkane: Cyclic12.775 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	9.33 ug/L	258505	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	68
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
3		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	43
4		Cyclopropane, 1,1-dimethyl-2-pen...	140	C10H20	062167-97-9	38
5		1-Decene	140	C10H20	000872-05-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

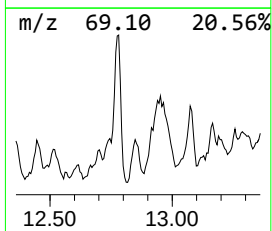
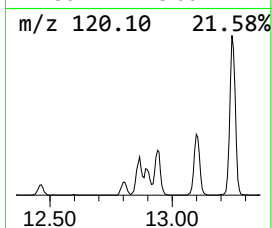
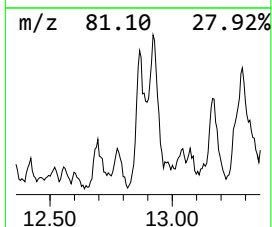
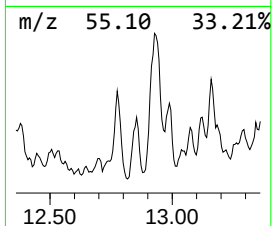
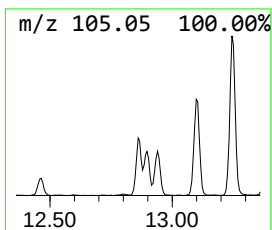
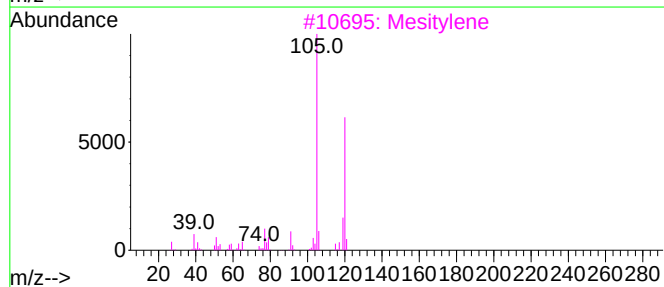
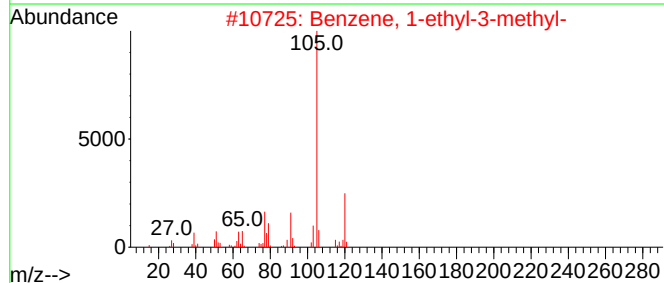
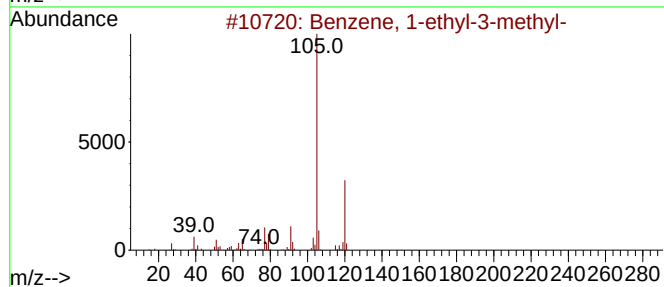
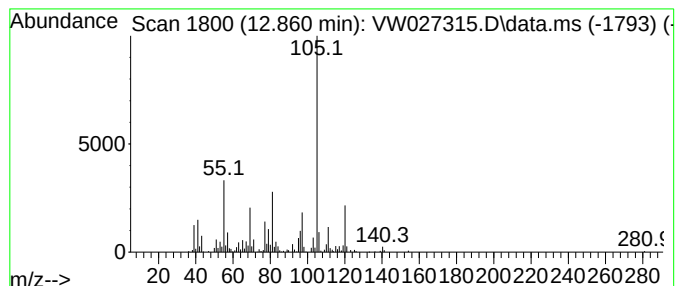
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 41 Benzene, 1-ethyl-3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	5.64 ug/L	156204	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
3			Mesitylene	120	C9H12	000108-67-8	60
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	60
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

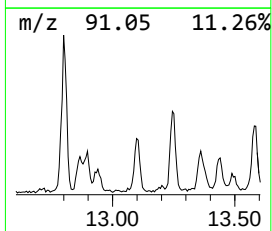
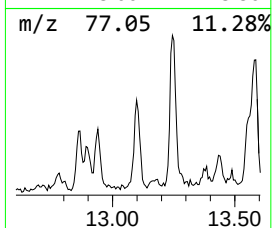
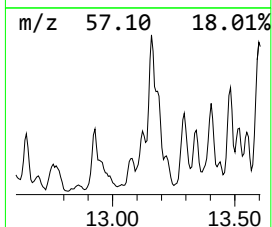
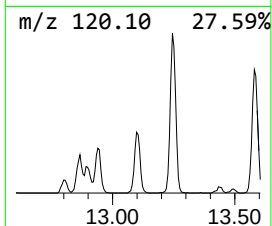
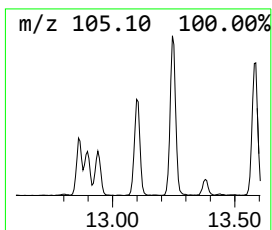
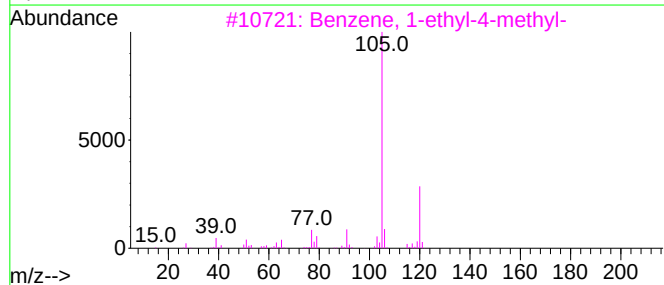
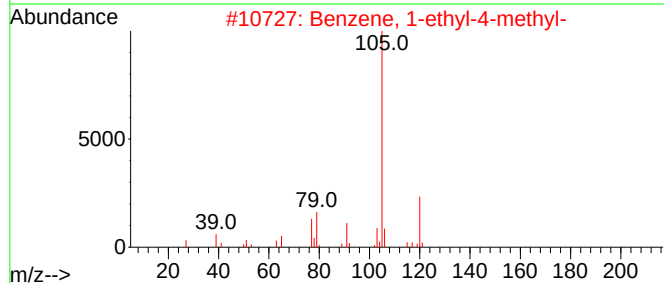
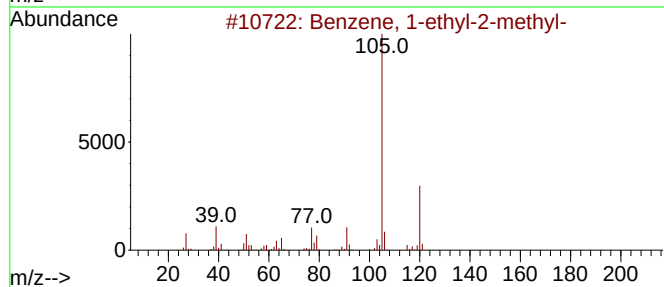
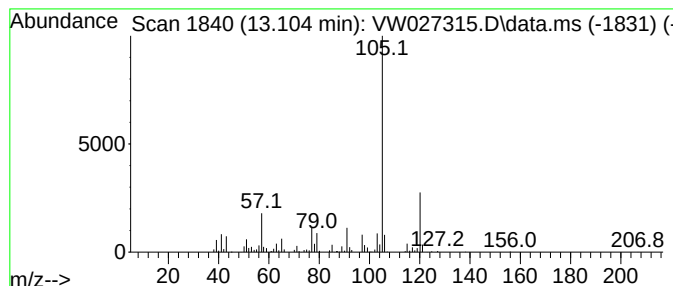
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 42 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.104	10.84 ug/L	300332	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

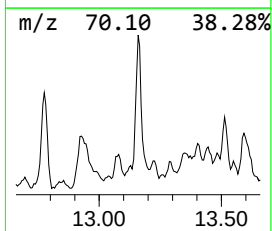
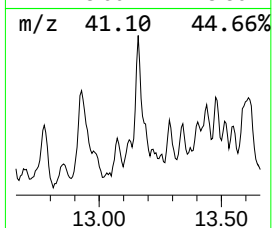
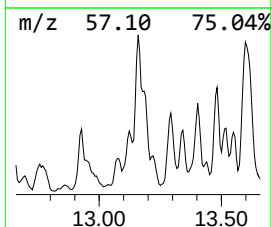
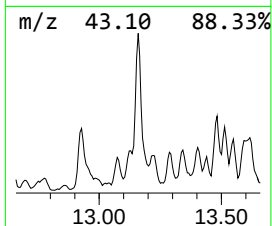
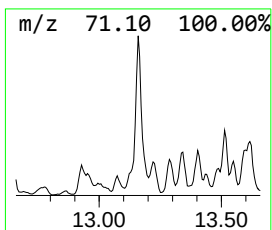
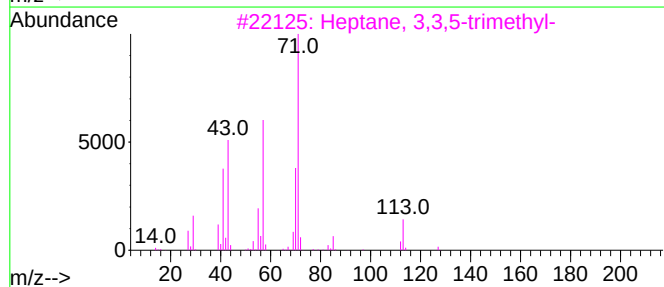
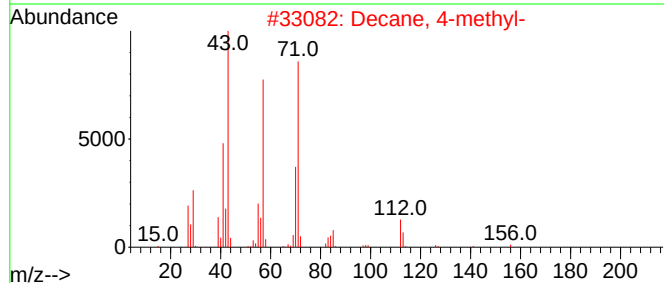
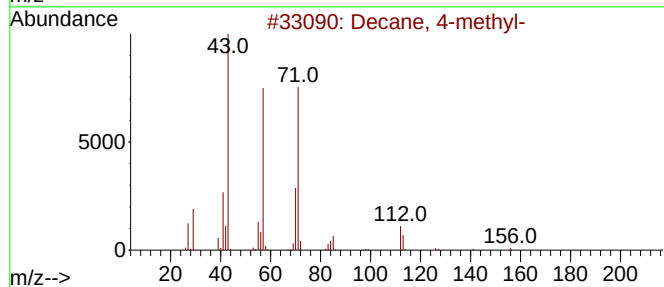
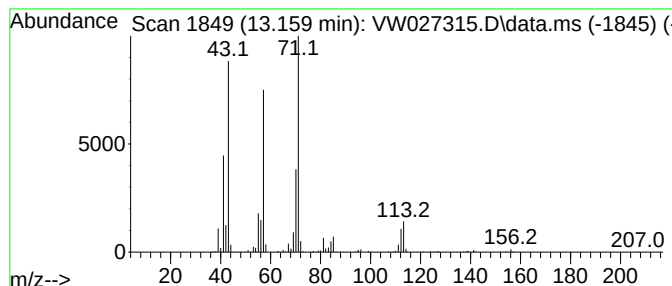
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.159	12.56 ug/L	348102	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 4-methyl-	156	C11H24	002847-72-5	91
2		Decane, 4-methyl-	156	C11H24	002847-72-5	90
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4		4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	64
5		Undecane, 4-methyl-	170	C12H26	002980-69-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

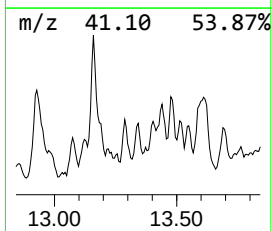
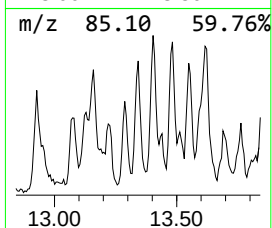
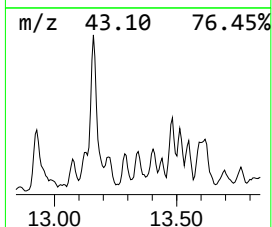
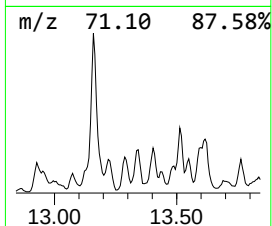
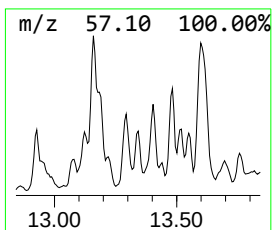
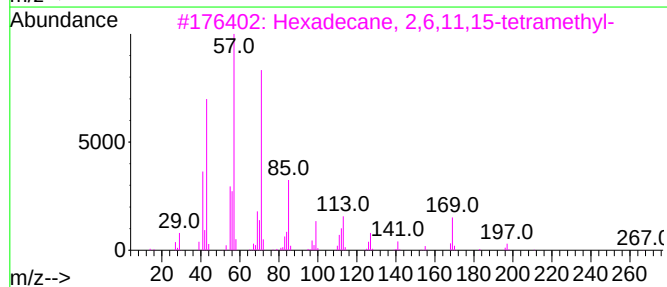
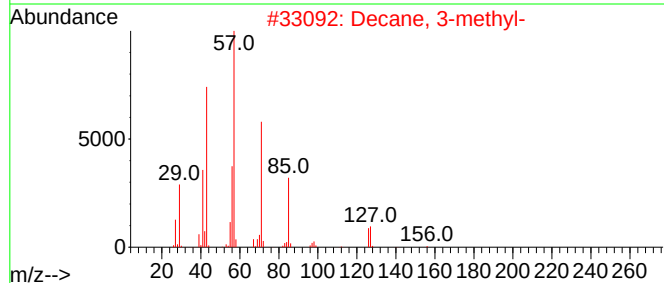
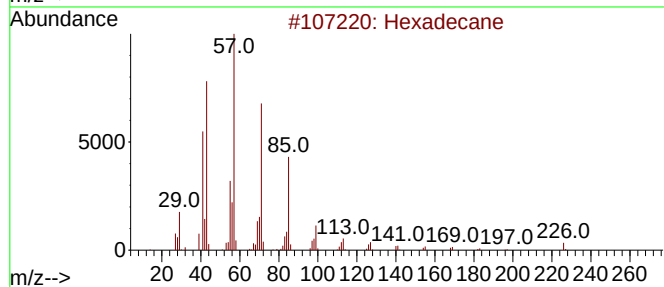
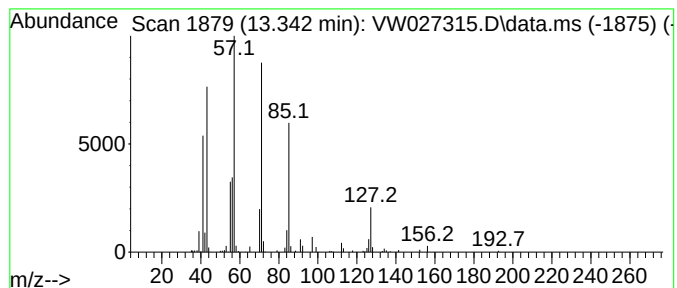
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.342	2.57 ug/L	71329	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	78
2			Decane, 3-methyl-	156	C11H24	013151-34-3	72
3			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
4			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
5			Decane, 5-propyl-	184	C13H28	017312-62-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

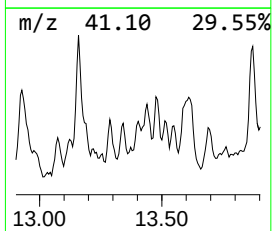
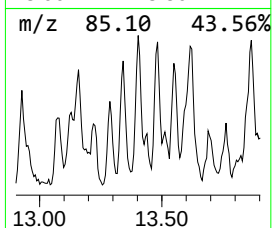
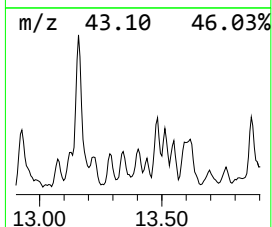
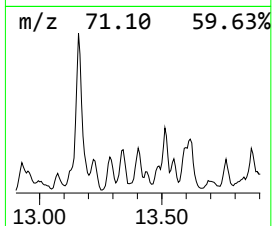
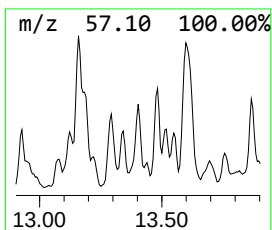
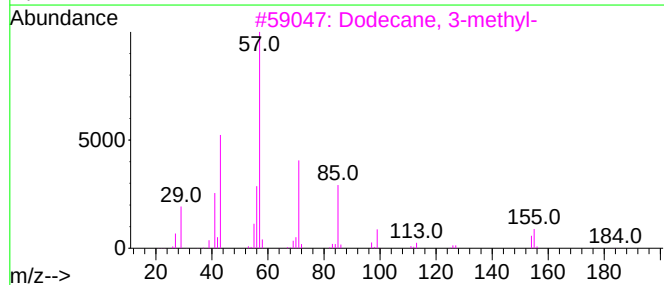
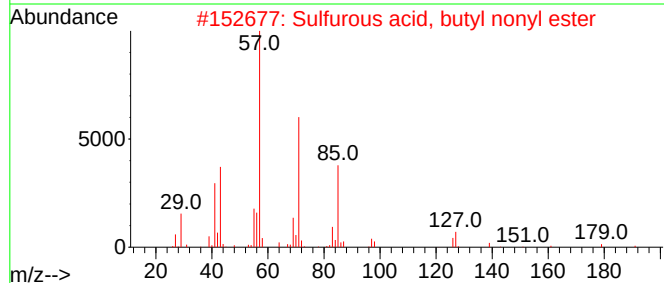
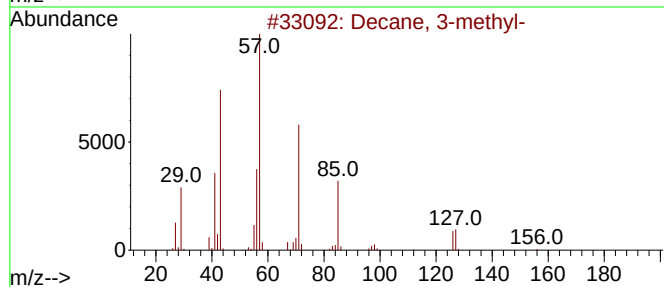
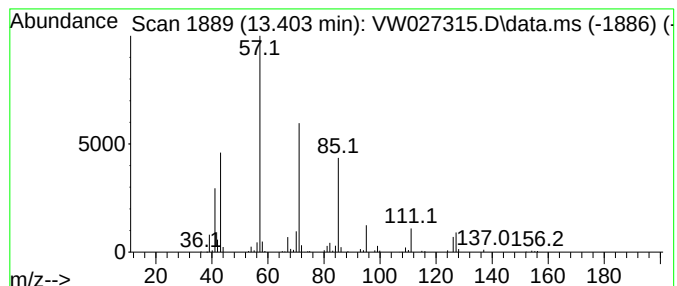
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.403	2.43 ug/L	67260	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3-methyl-	156	C11H24	013151-34-3	72
2		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
4		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
5		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

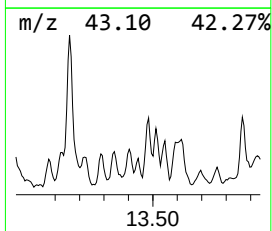
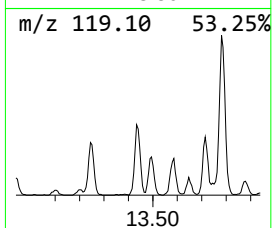
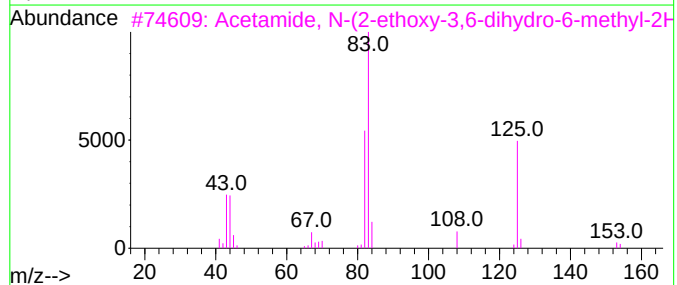
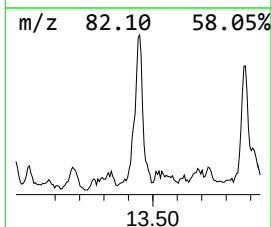
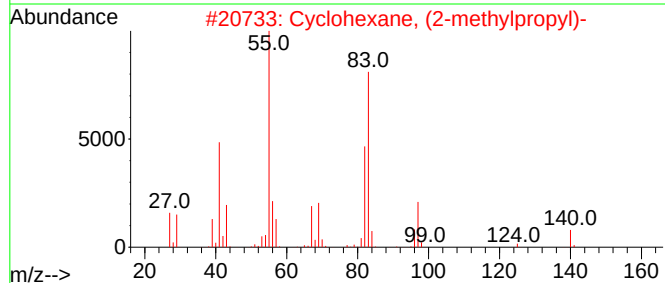
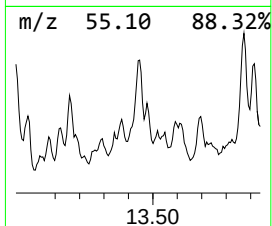
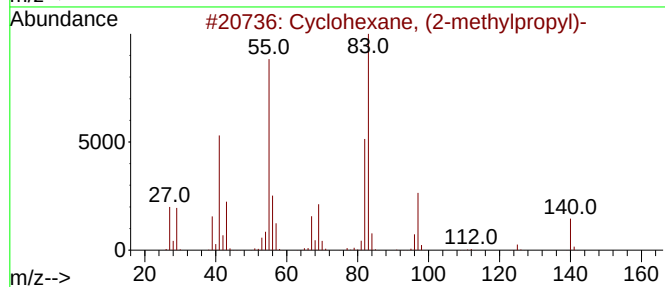
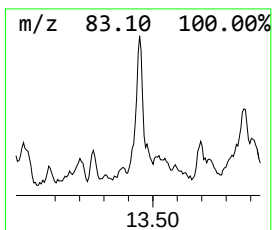
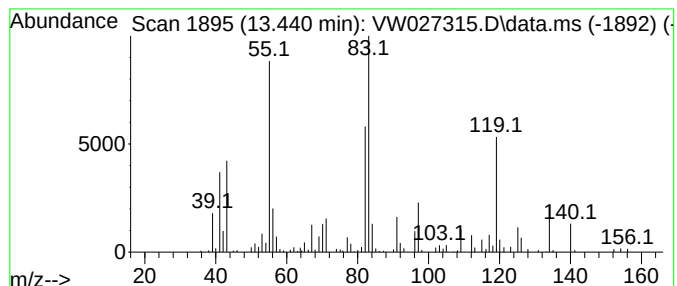
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 46 (DEL) Alkane: Cyclic13.440 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	3.68 ug/L	102036	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	52
3			Acetamide, N-(2-ethoxy-3,6-dihyd...	199	C10H17NO3	056248-08-9	43
4			3-Ethyl-3-hexene	112	C8H16	016789-51-8	25
5			2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

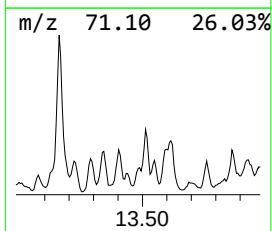
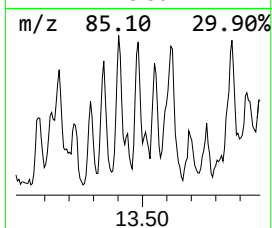
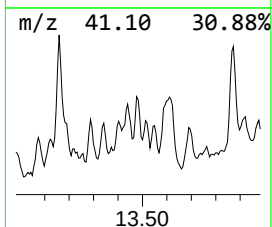
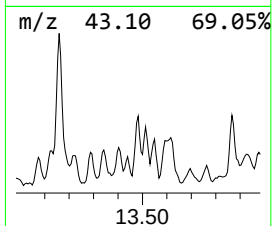
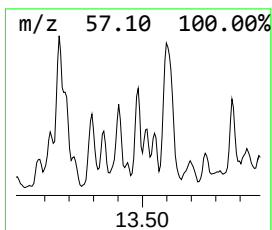
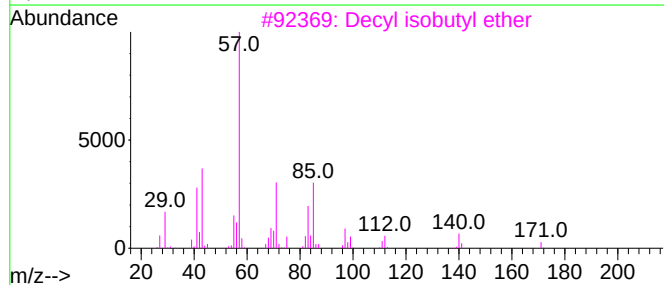
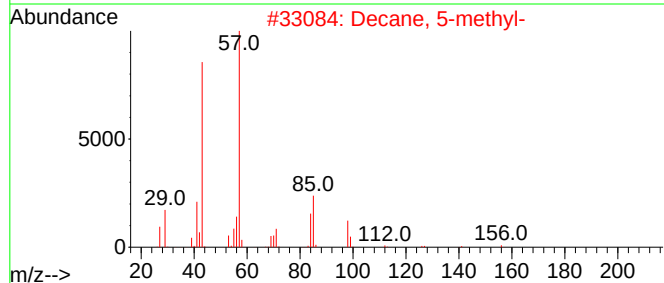
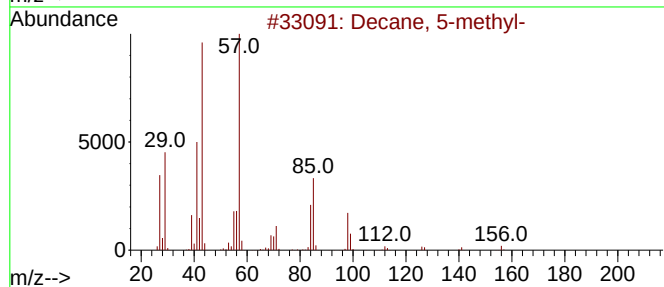
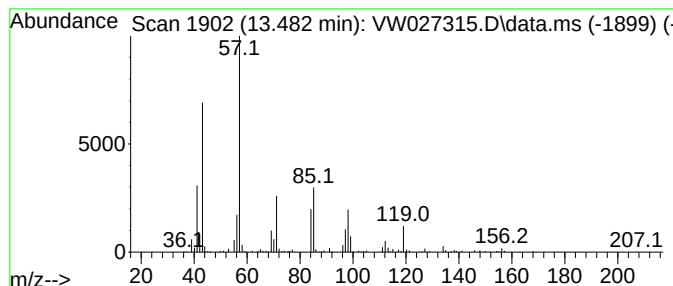
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.482	3.20 ug/L	88627	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 5-methyl-	156	C11H24	013151-35-4	64
2		Decane, 5-methyl-	156	C11H24	013151-35-4	62
3		Decyl isobutyl ether	214	C14H30O	1010406-32-5	50
4		2-Propyl-1-pentanol, pentafluoro...	276	C11H17F5O2	1000365-51-2	43
5		Nonane	128	C9H20	000111-84-2	43



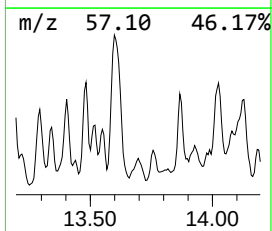
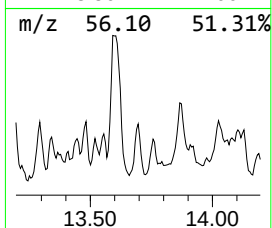
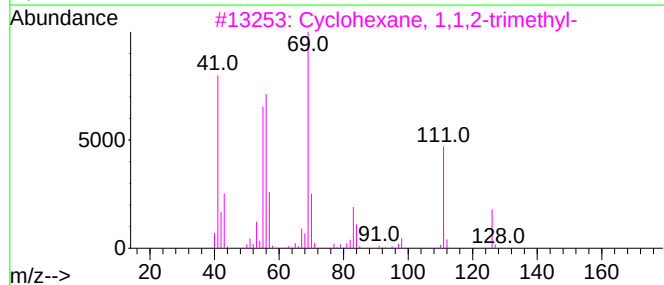
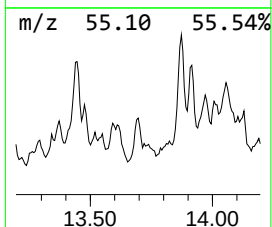
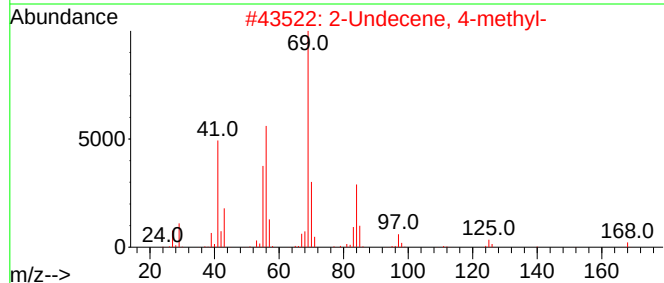
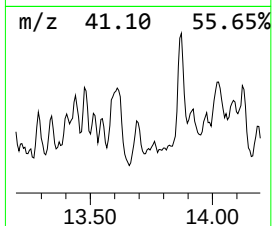
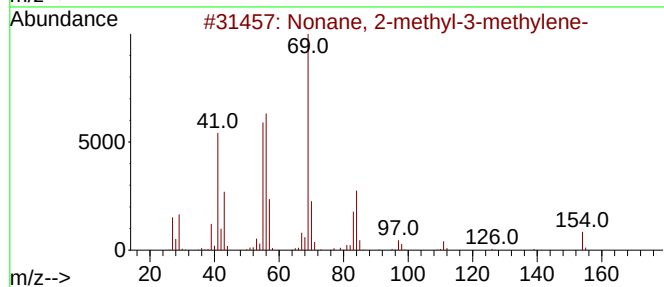
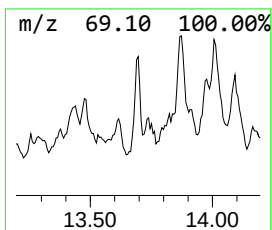
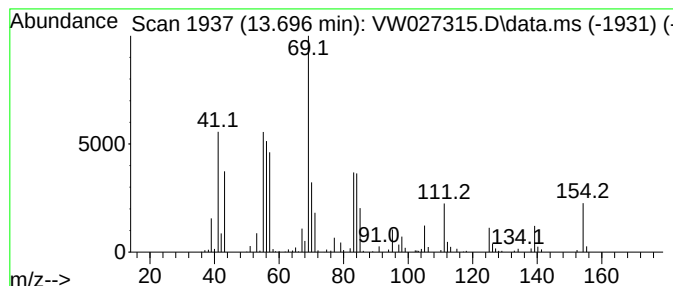
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.696	6.20 ug/L	171964	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-3-methylene-		154	C11H22	055499-08-6	59
2	2-Undecene, 4-methyl-		168	C12H24	091695-32-8	50
3	Cyclohexane, 1,1,2-trimethyl-		126	C9H18	007094-26-0	47
4	2-Methyl-2-octene		126	C9H18	016993-86-5	43
5	1-Decene, 5-methyl-		154	C11H22	054244-79-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

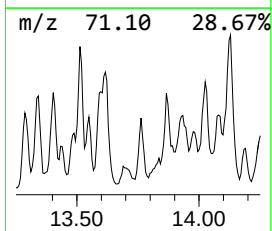
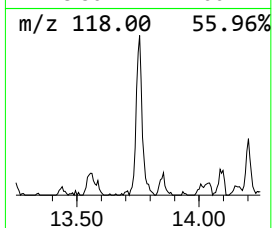
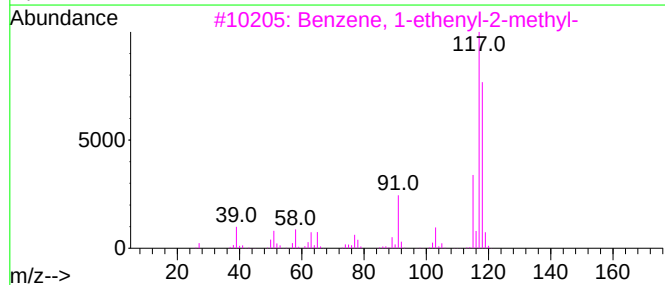
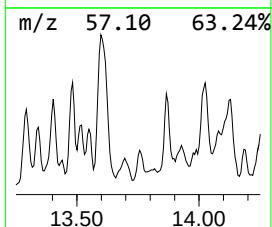
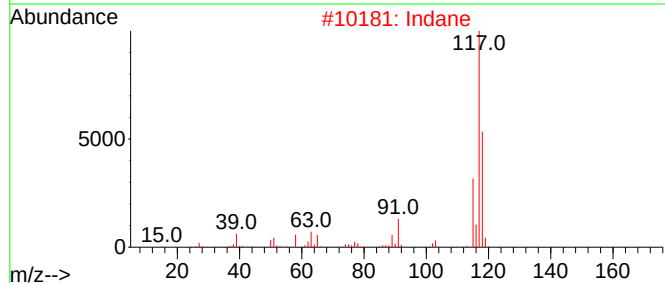
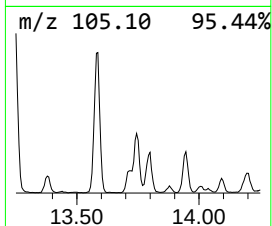
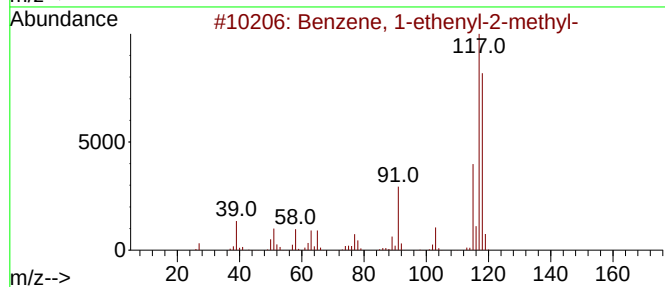
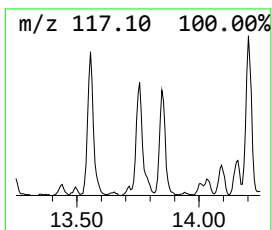
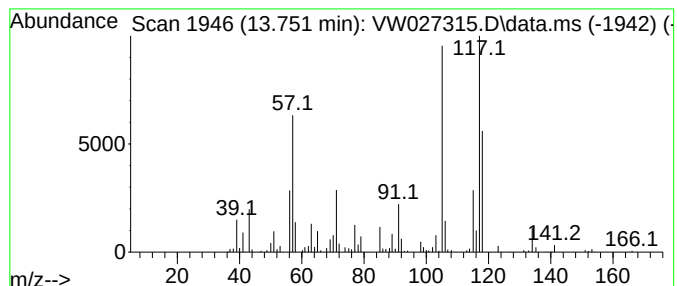
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 49 Benzene, 1-ethenyl-2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	3.90 ug/L	108170	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
2			Indane	118	C9H10	000496-11-7	55
3			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55
4			Indane	118	C9H10	000496-11-7	55
5			Indane	118	C9H10	000496-11-7	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

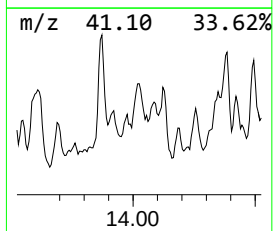
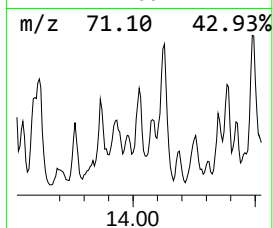
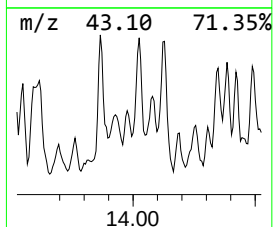
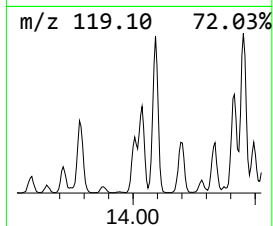
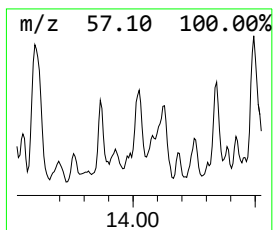
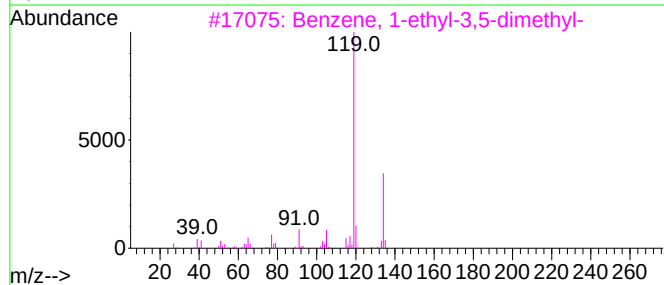
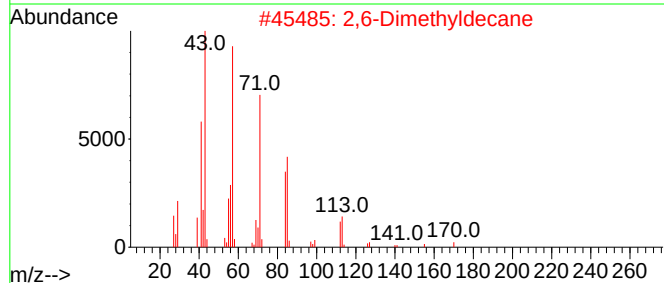
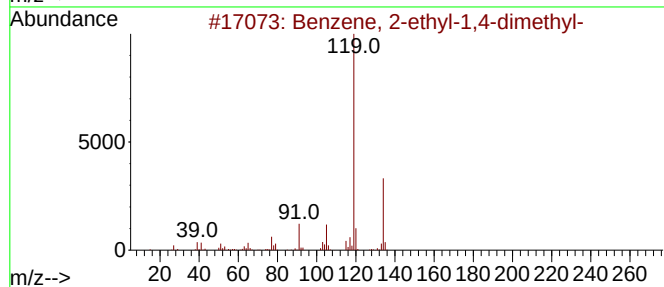
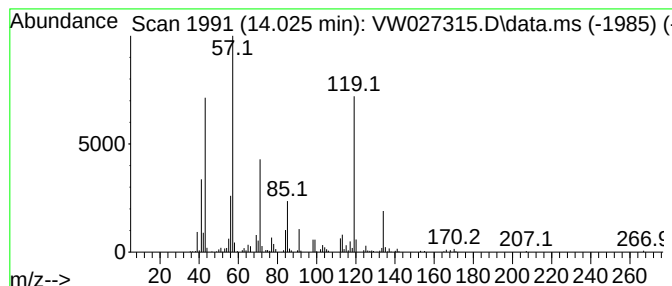
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 50 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.025	7.51 ug/L	208179	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
2			2,6-Dimethyldecane	170	C12H26	013150-81-7	46
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	38
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

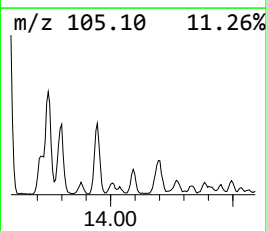
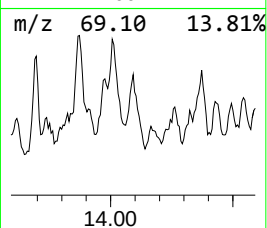
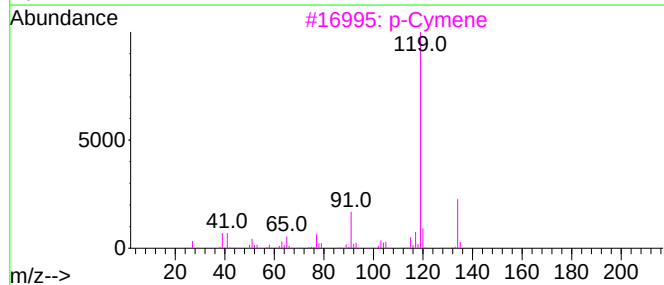
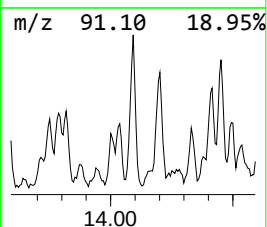
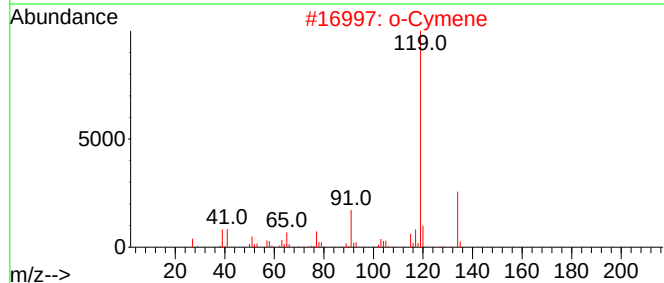
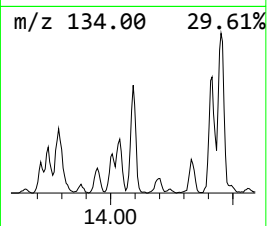
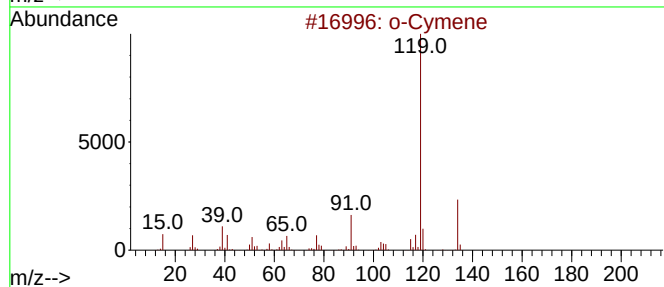
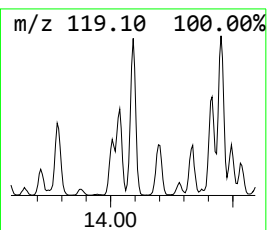
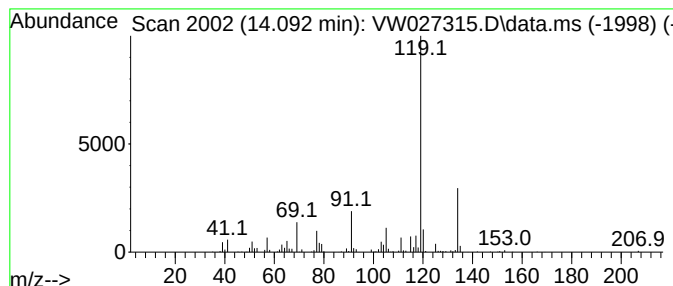
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 51 o-Cymene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	4.68 ug/L	129573	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			p-Cymene	134	C10H14	000099-87-6	95
4			o-Cymene	134	C10H14	000527-84-4	94
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

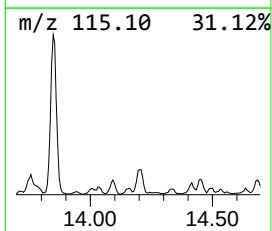
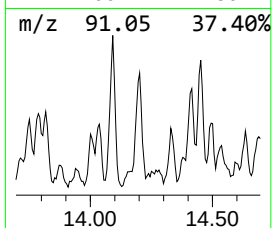
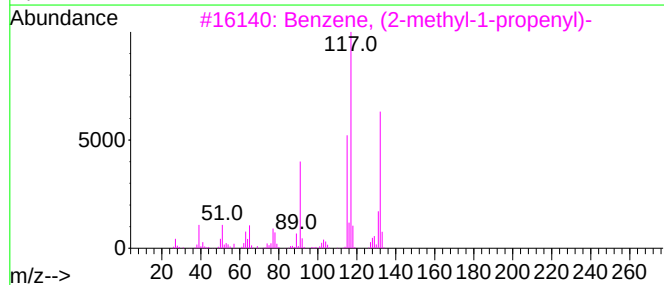
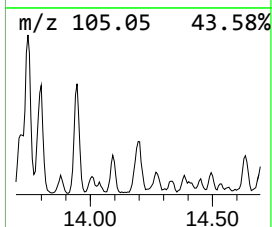
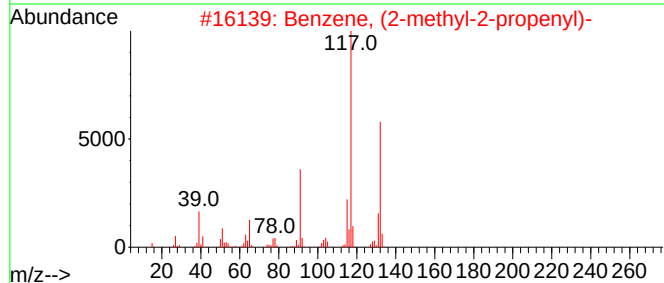
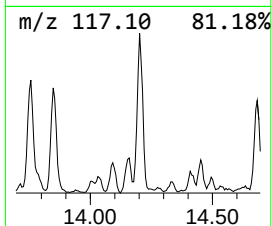
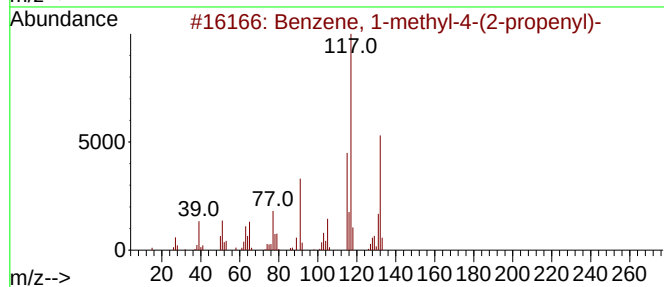
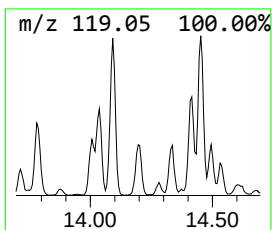
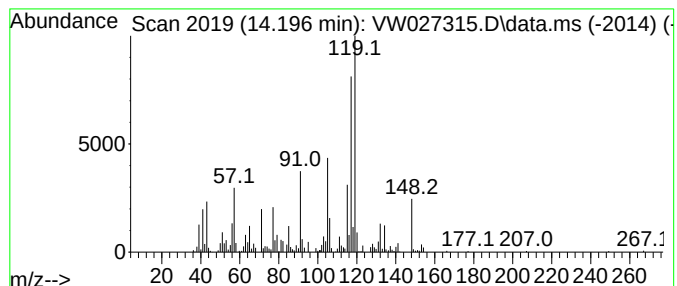
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 52 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.196	6.45 ug/L	178705	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	46
2			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	46
3			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	46
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	46
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

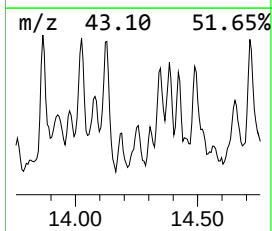
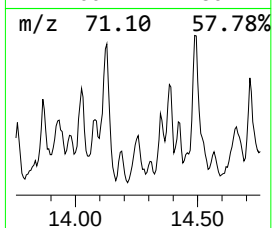
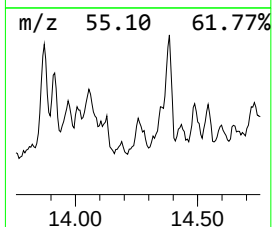
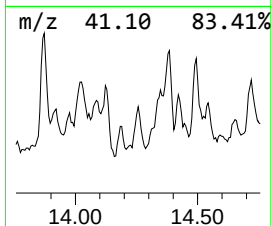
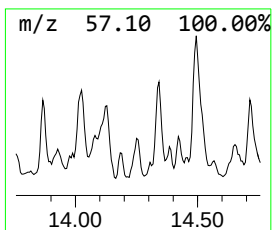
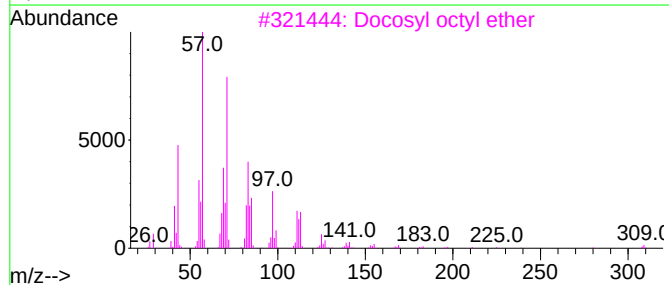
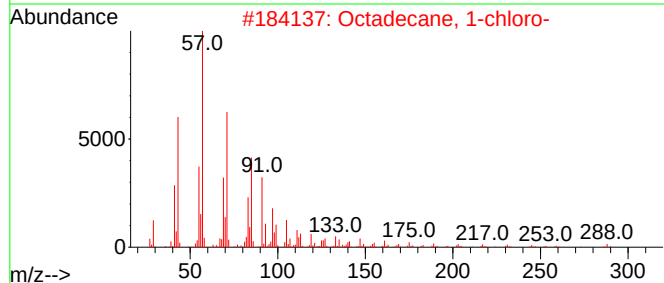
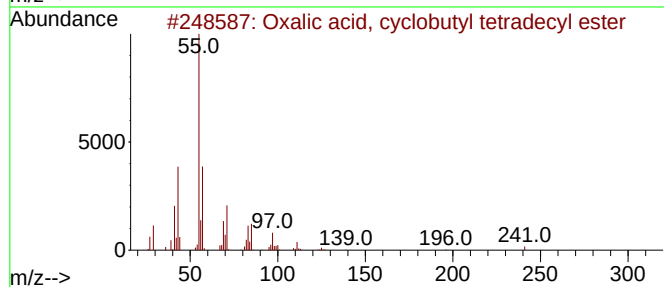
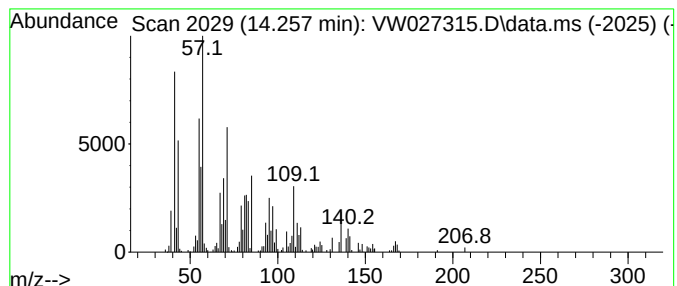
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 53 Oxalic acid, cyclobutyl tet... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	5.13 ug/L	142124	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclobutyl tetradec...	340	C20H36O4	1000309-70-9	52
2			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	43
3			Docosyl octyl ether	438	C30H62O	1000406-38-9	38
4			Octyl tetradecyl ether	326	C22H46O	1000406-38-5	38
5			Hexadecyl octyl ether	354	C24H50O	1000406-38-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

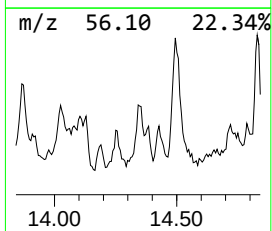
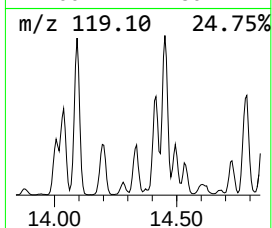
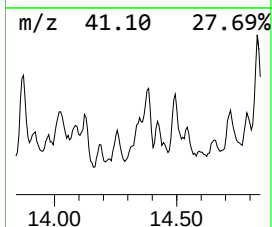
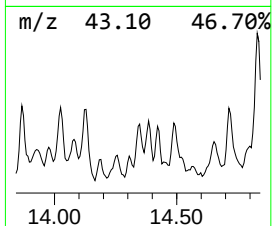
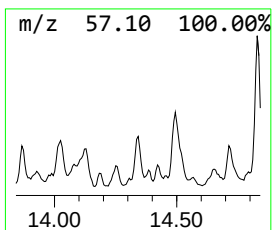
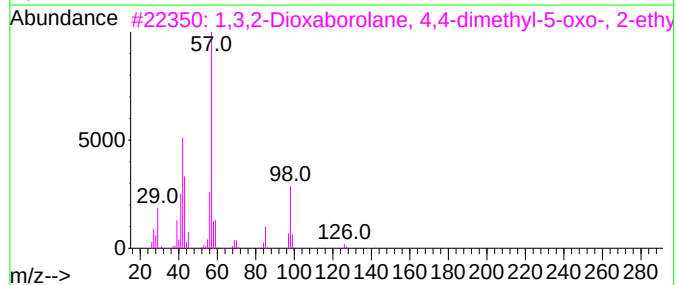
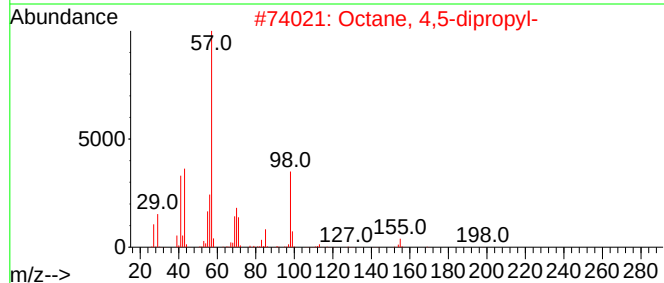
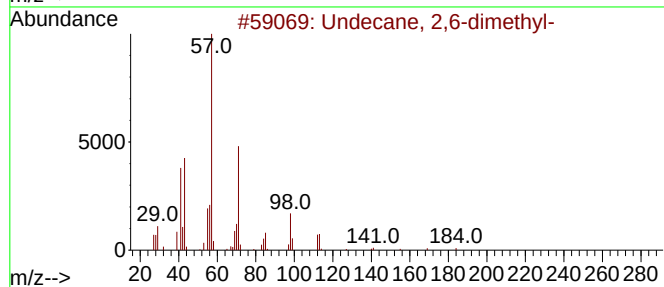
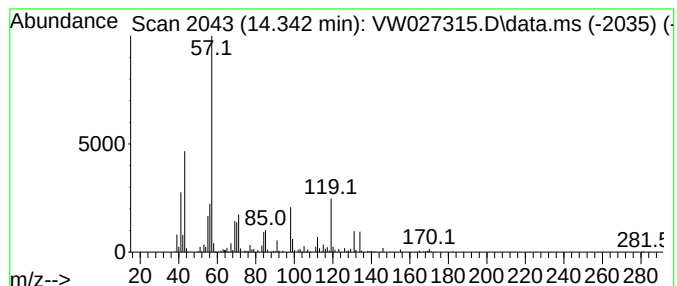
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.342	9.73 ug/L	269782	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
2			Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	43
3			1,3,2-Dioxaborolane, 4,4-dimethy...	142	C6H11B03	1000063-89-2	43
4			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

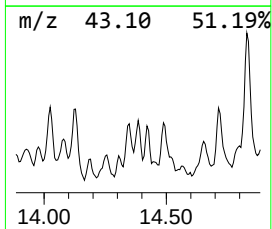
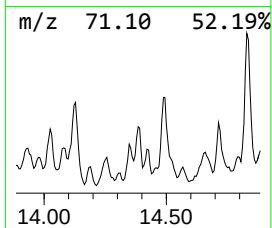
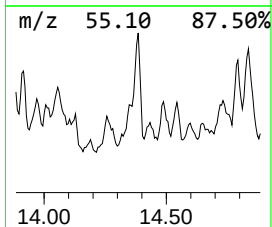
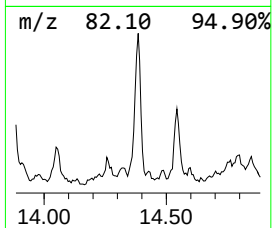
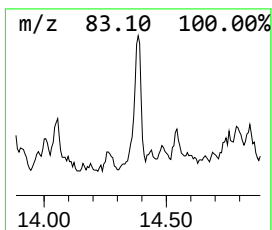
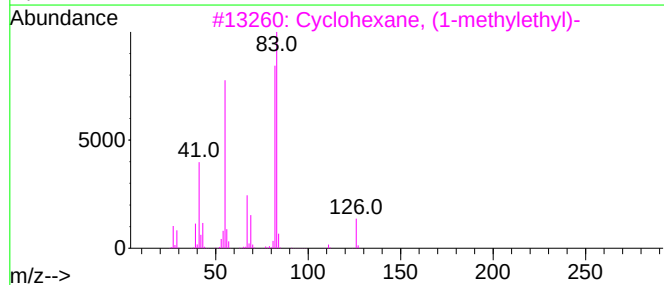
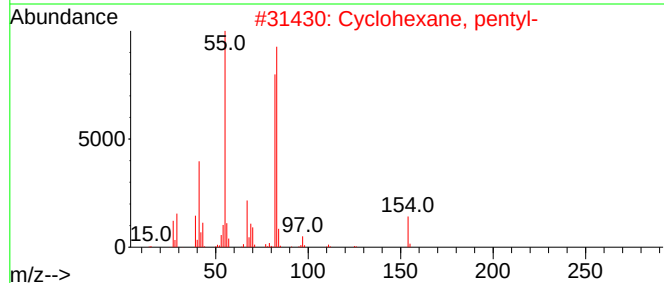
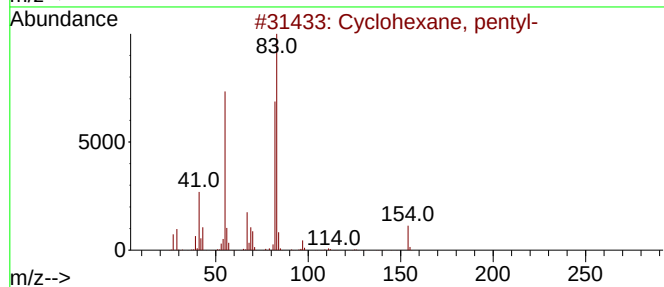
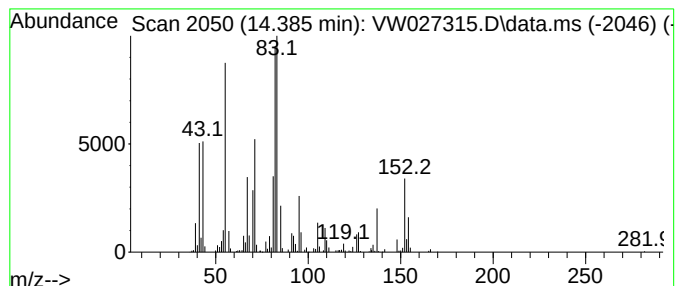
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 55 (DEL) Alkane: Cyclic14.385 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.385	11.77 ug/L	326093	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
5			1,2,4-Triazol-1-ylacetic acid	127	C4H5N3O2	028711-29-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

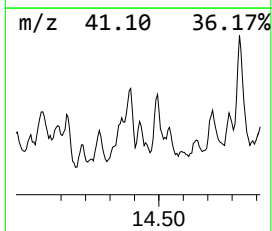
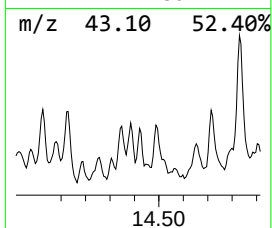
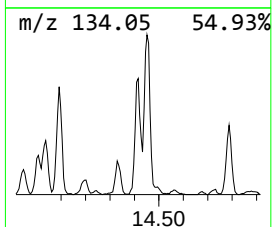
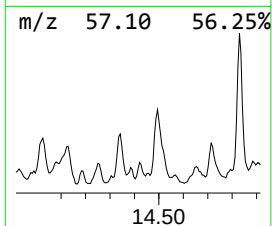
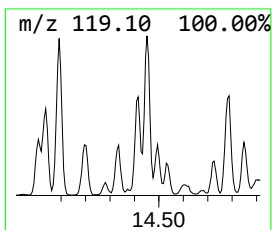
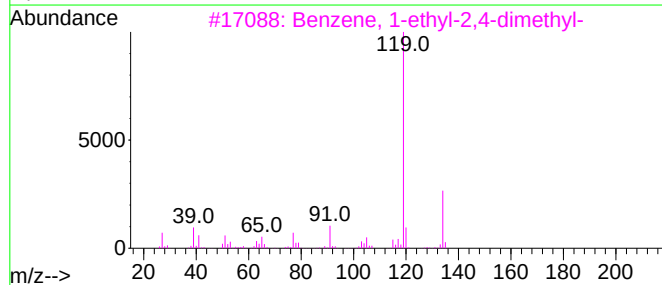
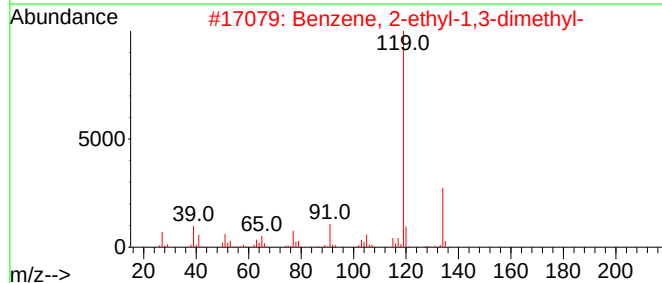
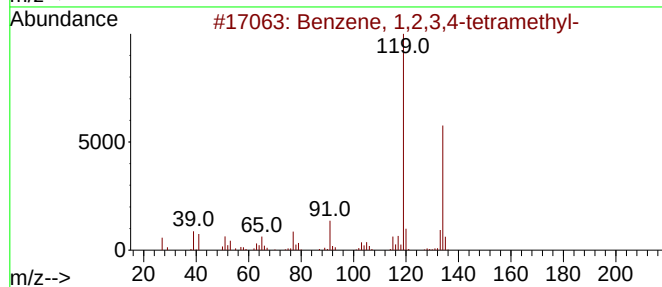
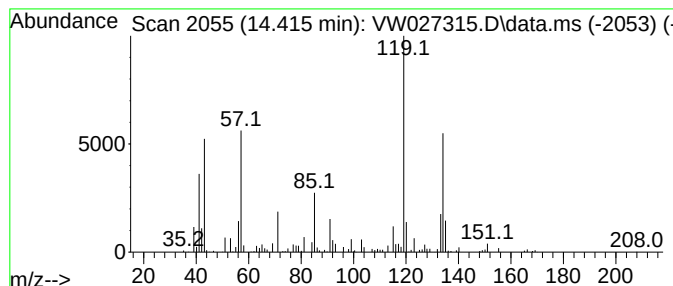
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 56 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.415	6.53 ug/L	180869	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	68
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	68
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	68
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

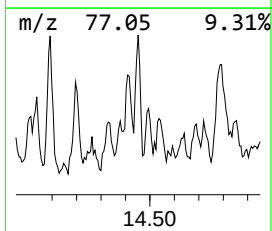
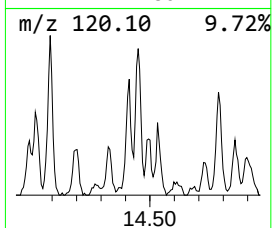
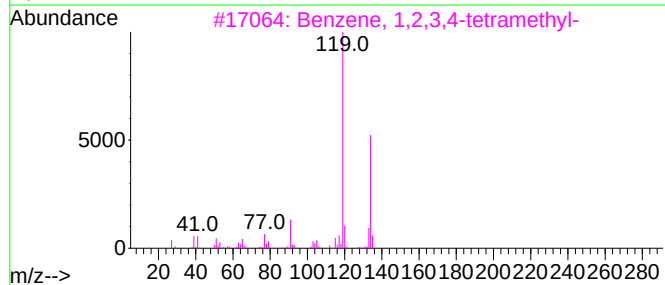
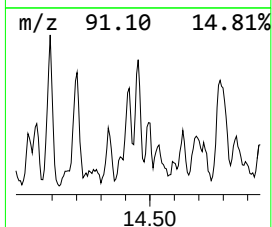
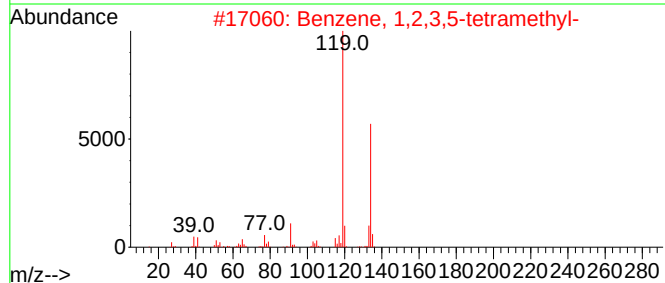
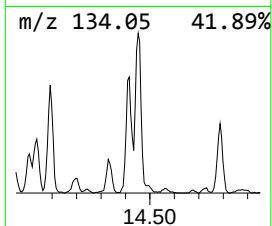
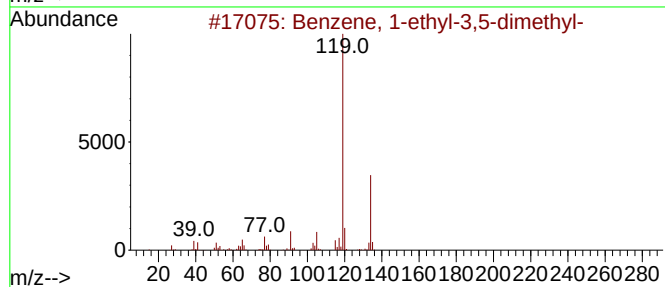
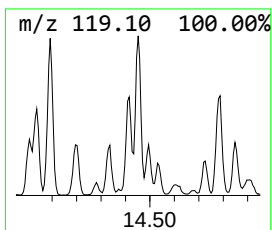
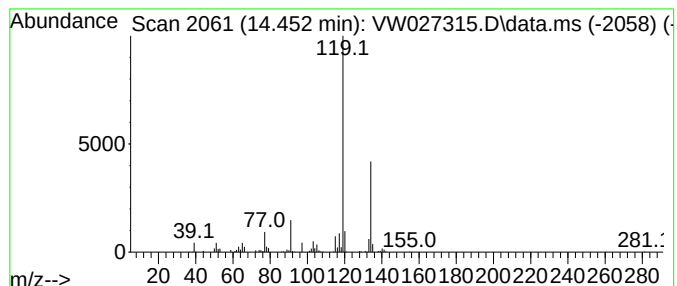
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 57 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	6.23 ug/L	172584	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5			o-Cymene	134	C10H14	000527-84-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

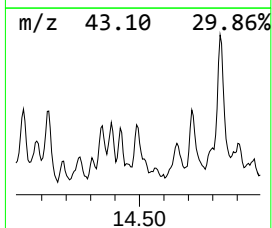
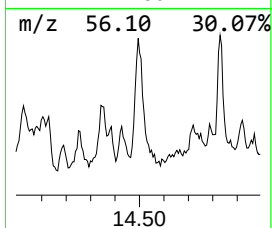
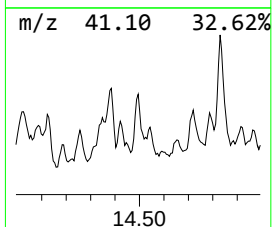
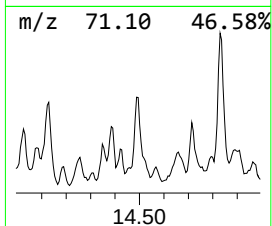
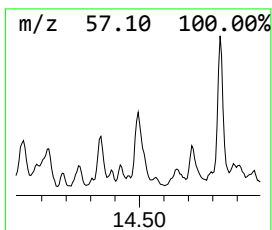
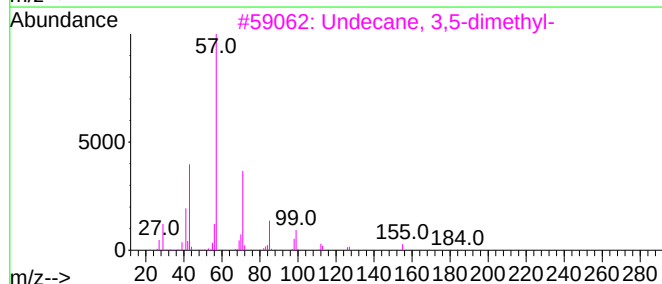
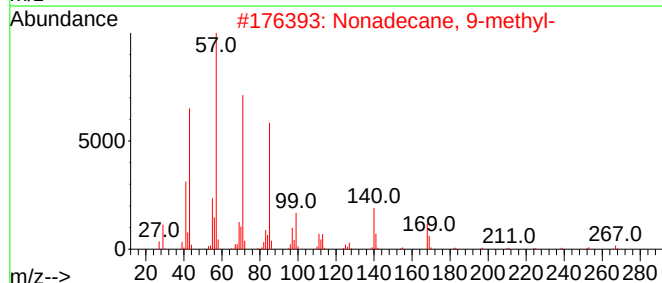
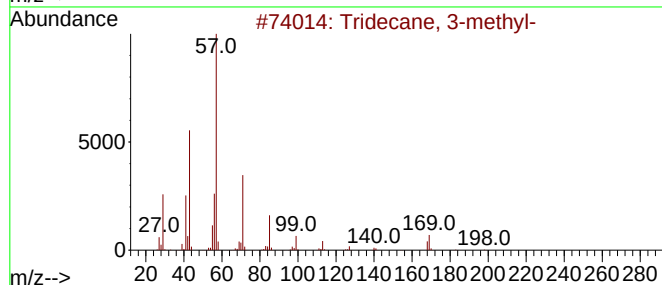
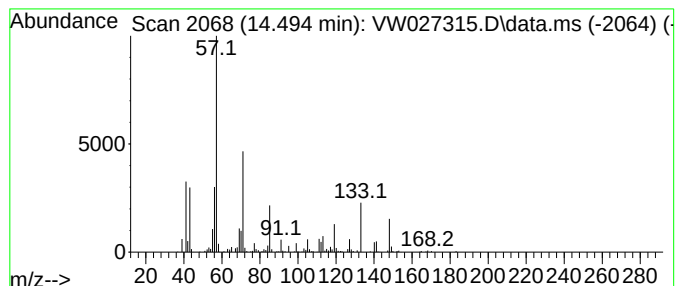
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.494	10.35 ug/L	286714	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 3-methyl-	198	C14H30	006418-41-3	50
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	47
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	47
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	47
5		Decane, 3-methyl-	156	C11H24	013151-34-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

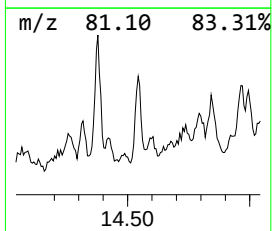
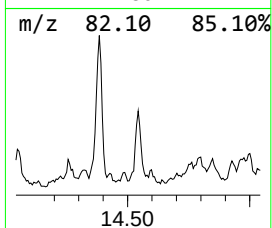
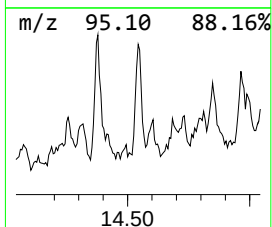
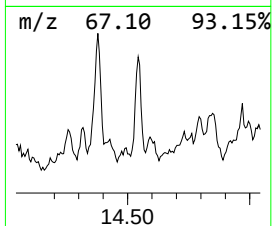
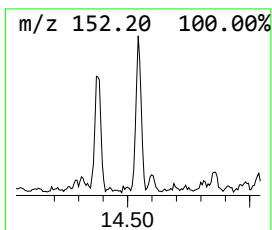
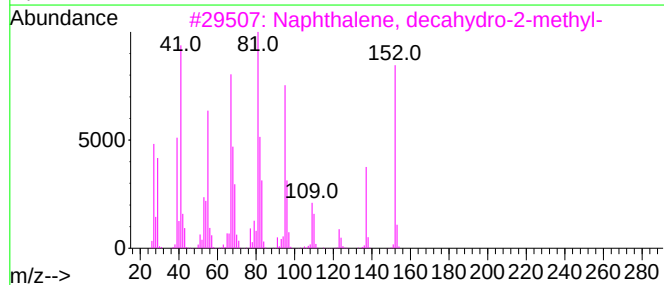
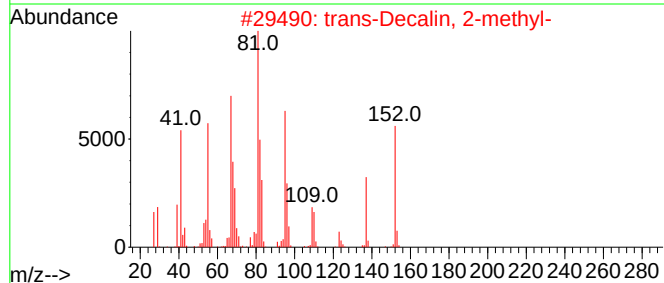
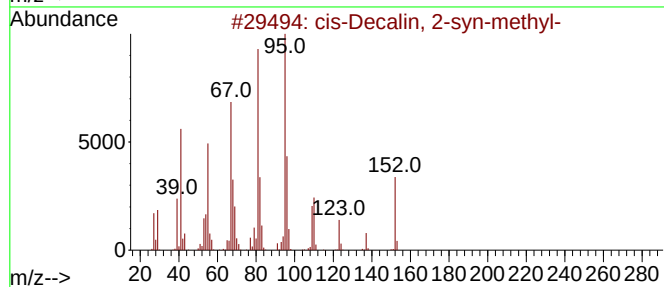
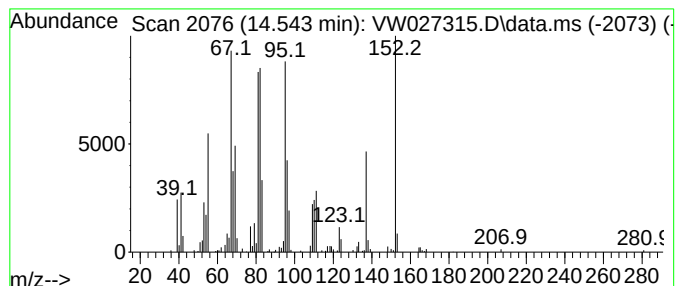
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 59 cis-Decalin, 2-syn-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	5.23 ug/L	145015	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	72
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	68
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	58
5			Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

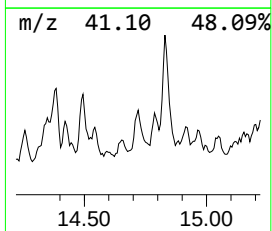
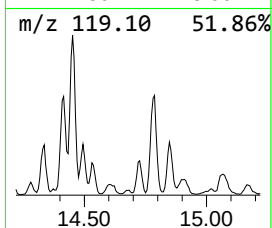
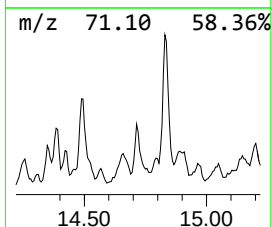
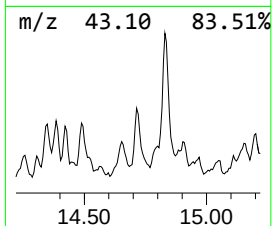
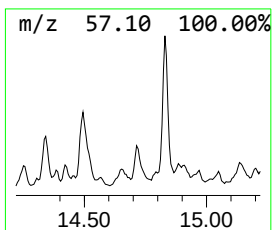
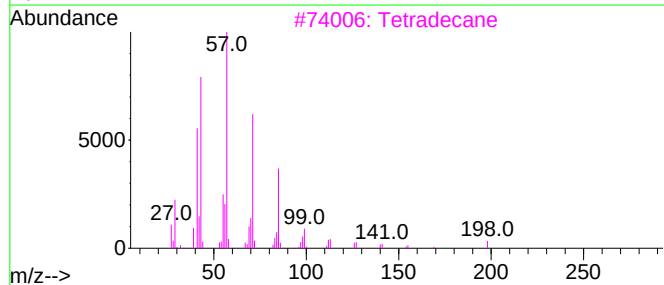
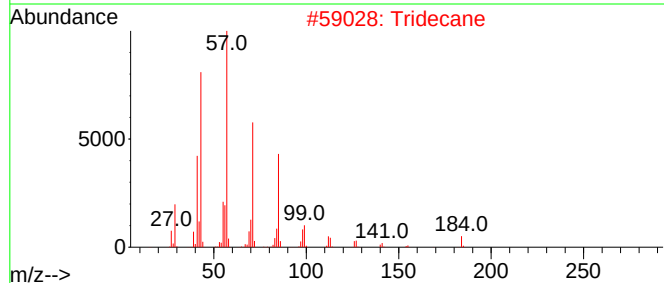
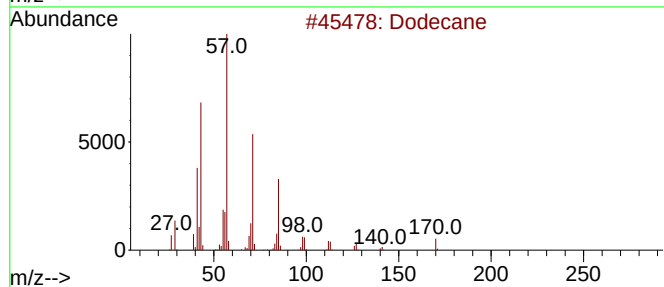
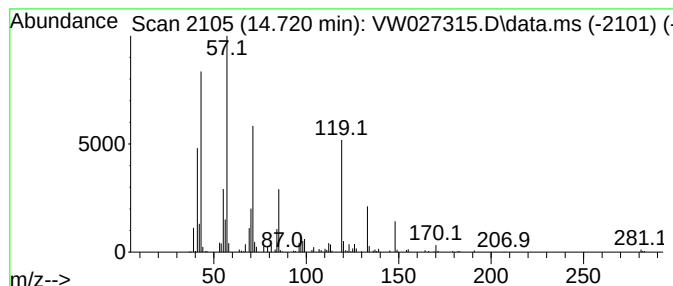
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.720	5.23 ug/L	145073	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	49
2			Tridecane	184	C13H28	000629-50-5	46
3			Tetradecane	198	C14H30	000629-59-4	46
4			Tridecane	184	C13H28	000629-50-5	46
5			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

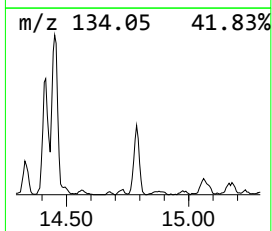
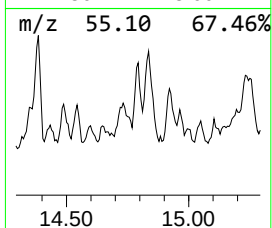
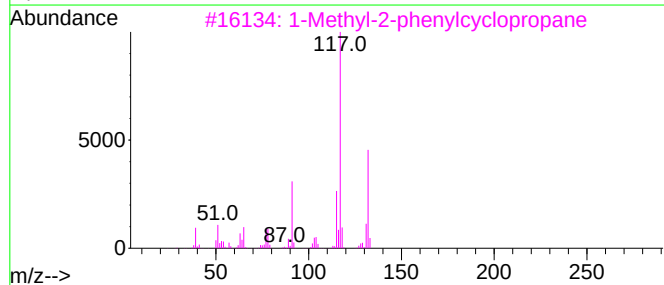
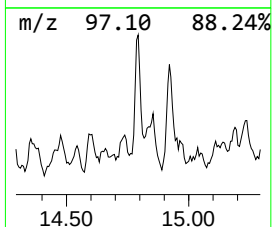
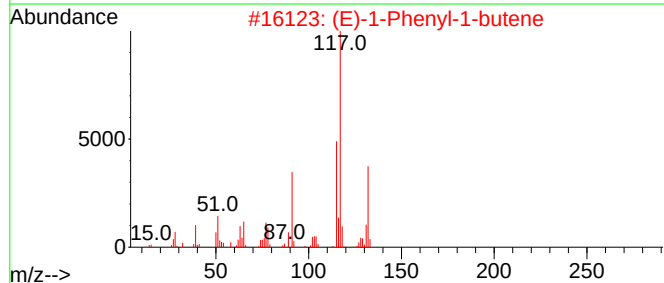
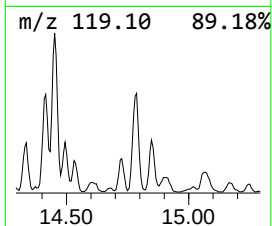
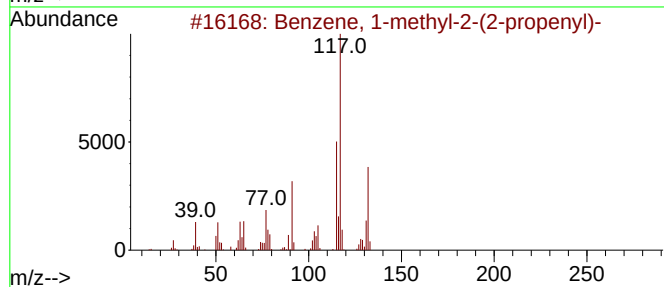
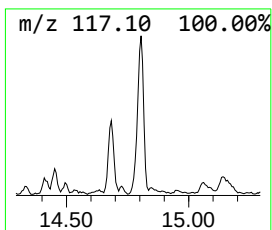
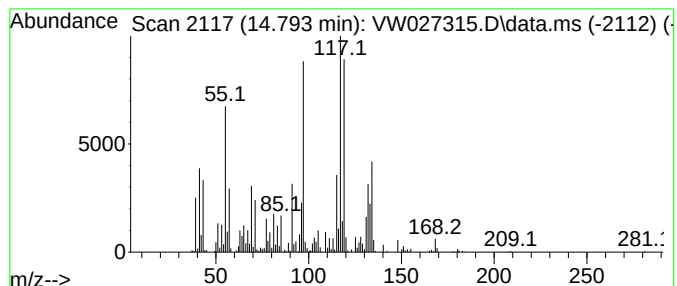
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 61 Benzene, 1-methyl-2-(2-prop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	10.62 ug/L	294459	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	53
2			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	47
3			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	38
4			1-Phenyl-1-butene	132	C10H12	000824-90-8	38
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	38



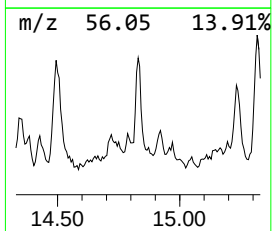
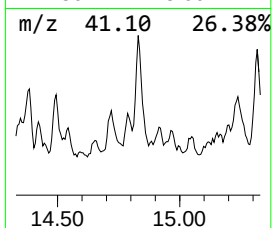
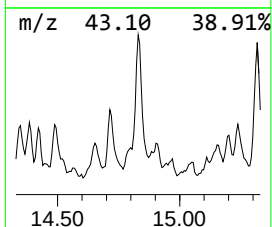
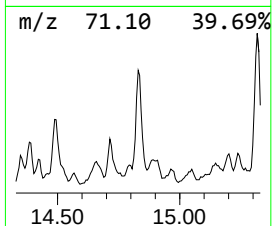
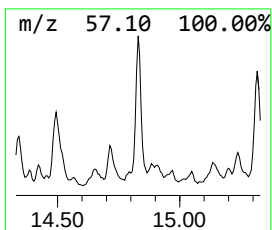
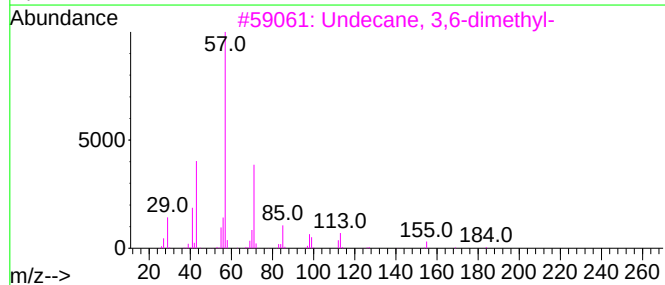
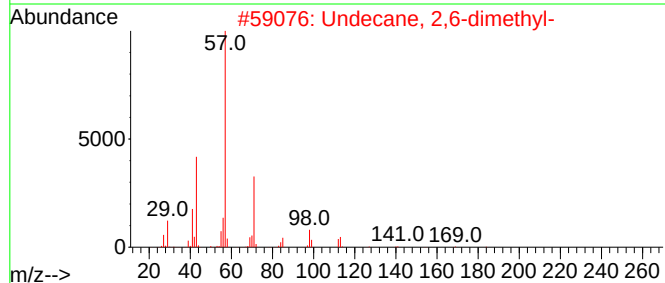
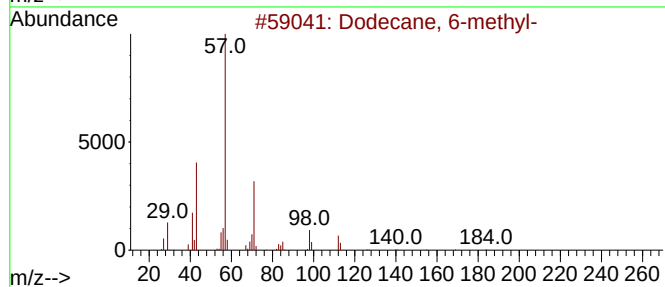
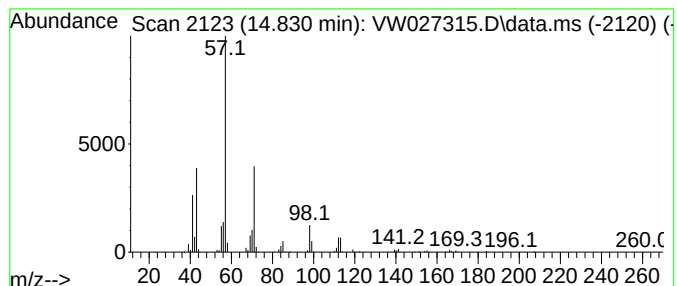
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.830	16.77 ug/L	464895	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 6-methyl-		184	C13H28	006044-71-9	97
2	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	95
3	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	91
4	Decane, 2,6,8-trimethyl-		184	C13H28	062108-26-3	80
5	Decane, 2,5,9-trimethyl-		184	C13H28	062108-22-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

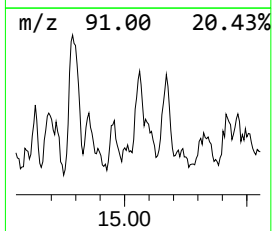
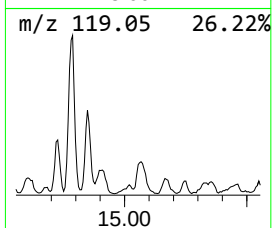
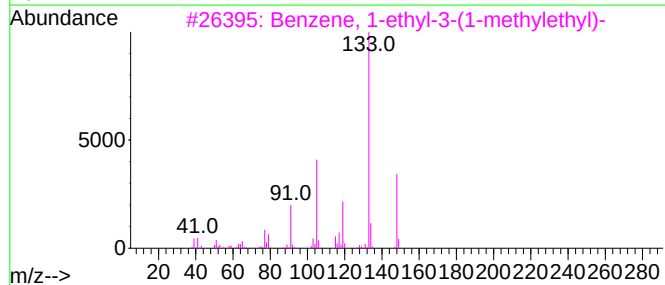
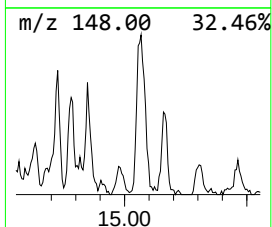
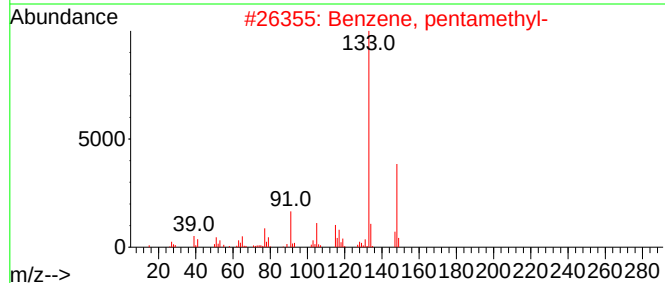
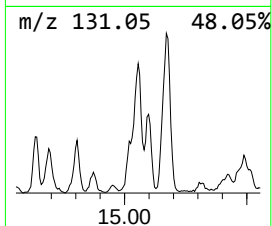
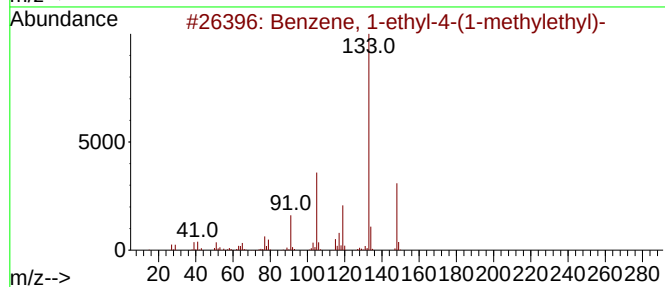
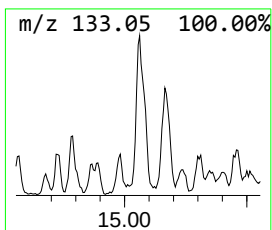
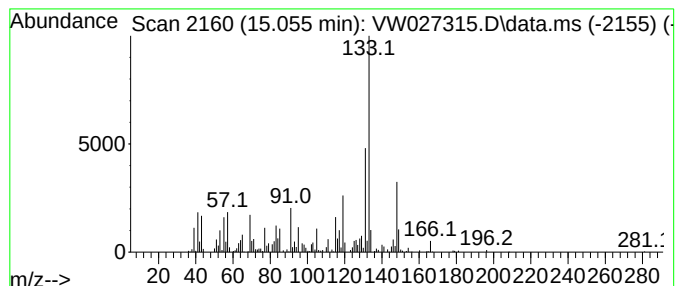
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 63 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.055	5.18 ug/L	143553	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	53
3			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	52
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	52
5			Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

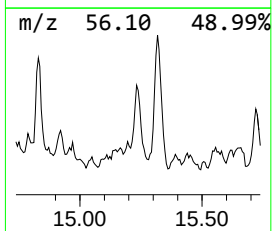
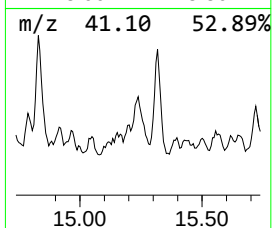
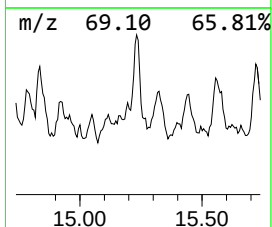
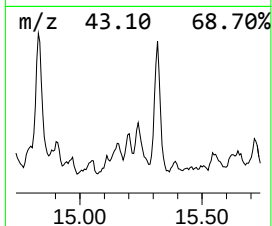
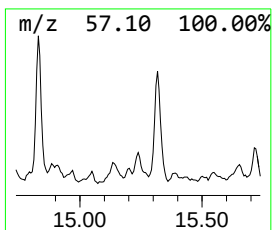
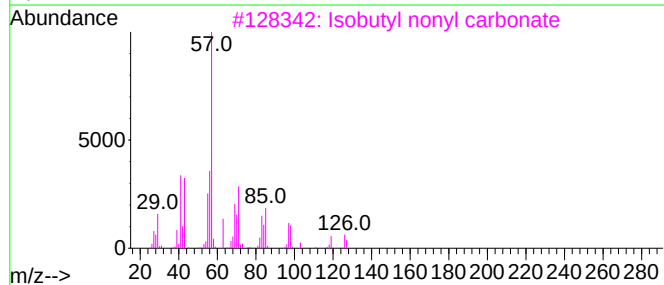
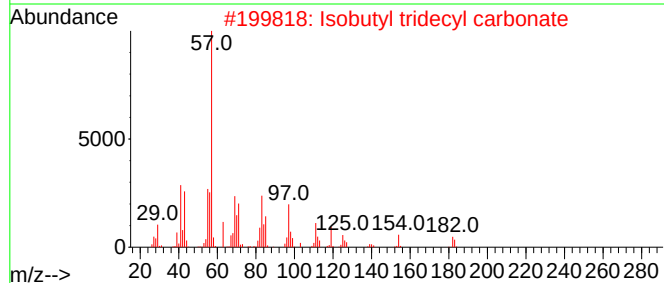
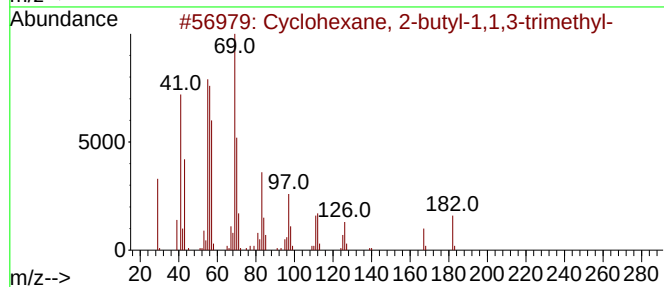
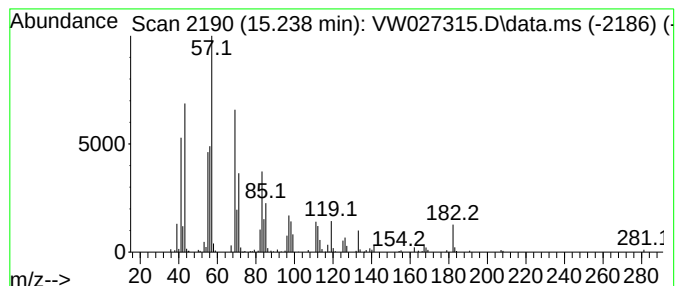
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 64 (DEL) Alkane: Cyclic15.238 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.238	9.04 ug/L	250557	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	58
2			Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	58
3			Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	52
4			2-Hexyl-1-octanol	214	C14H30O	019780-79-1	49
5			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

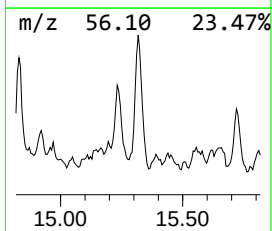
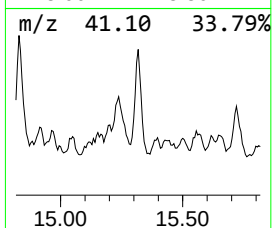
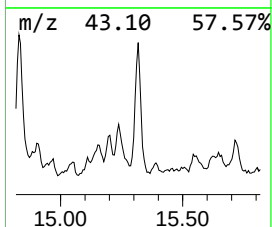
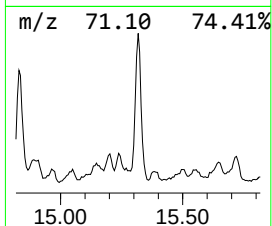
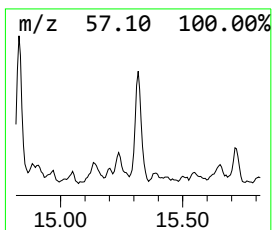
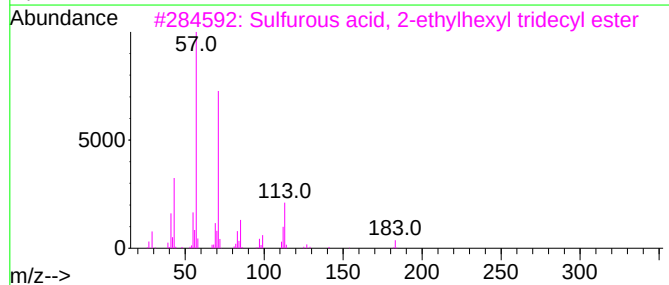
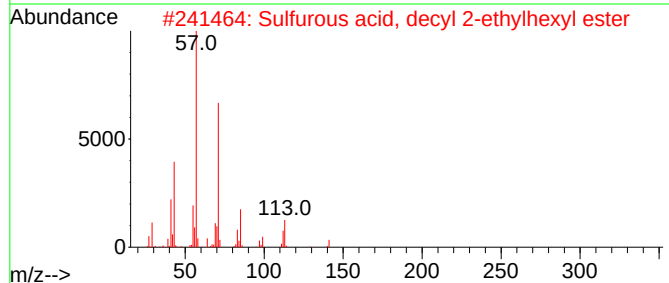
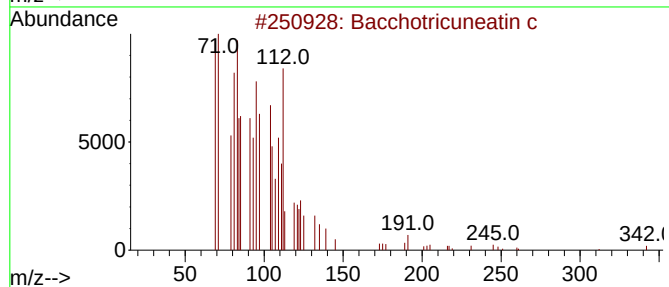
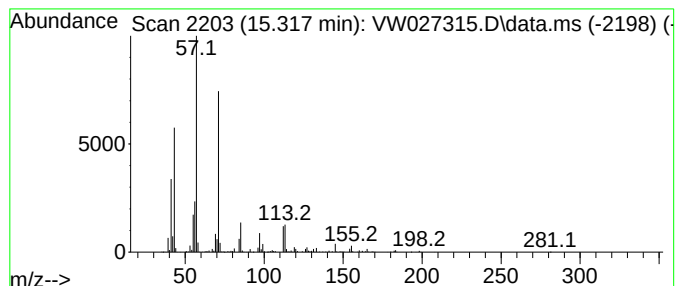
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 65 Bacchotricuneatin c Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.317	15.65 ug/L	433598	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
2			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
3			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64
4			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

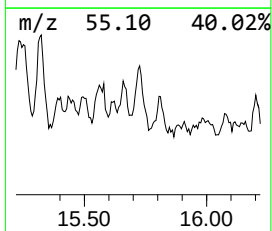
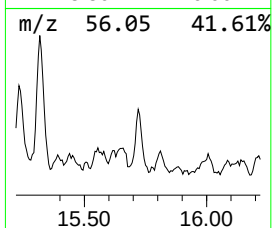
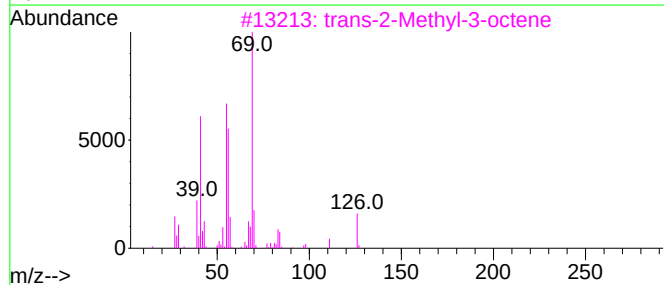
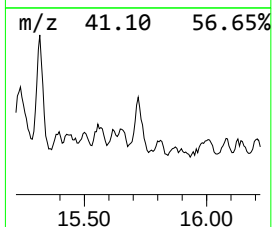
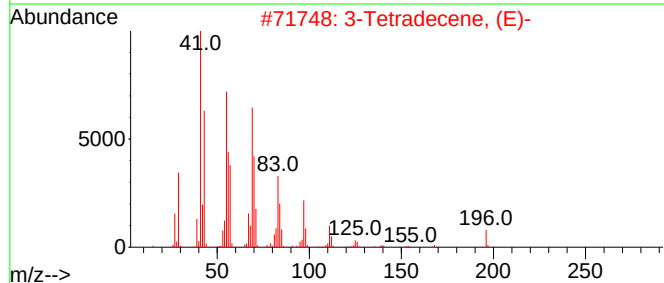
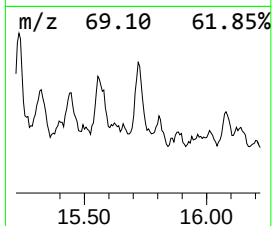
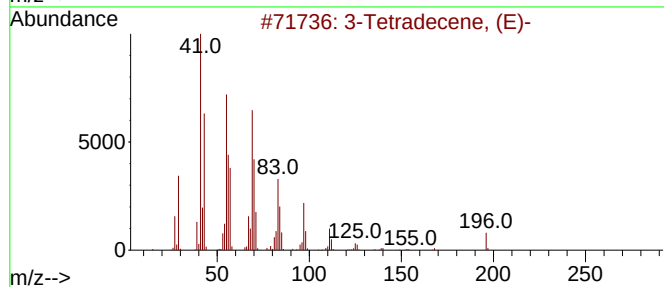
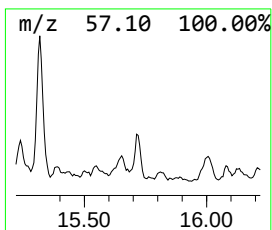
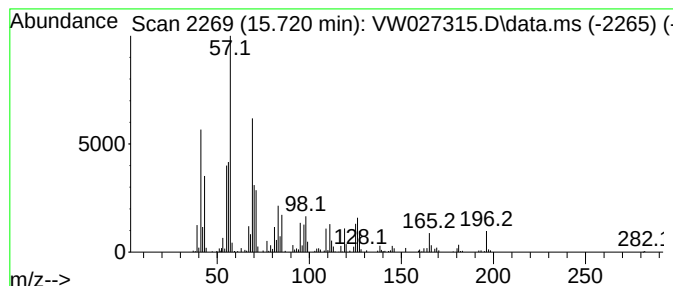
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	8.14 ug/L	225706	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Tetradecene, (E)-	196	C14H28	041446-68-8	38
2		3-Tetradecene, (E)-	196	C14H28	041446-68-8	38
3		trans-2-Methyl-3-octene	126	C9H18	052937-36-7	38
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
5		5-Nonanol, trifluoroacetate	240	C11H19F3O2	1000463-48-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
Data File : VW027315.D
Acq On : 17 Oct 2023 17:49
Operator : SY/MD
Sample : 04922-01
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

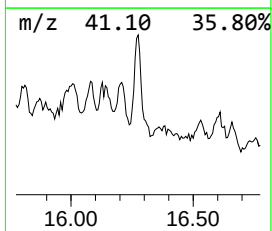
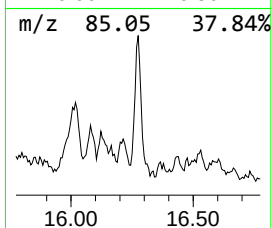
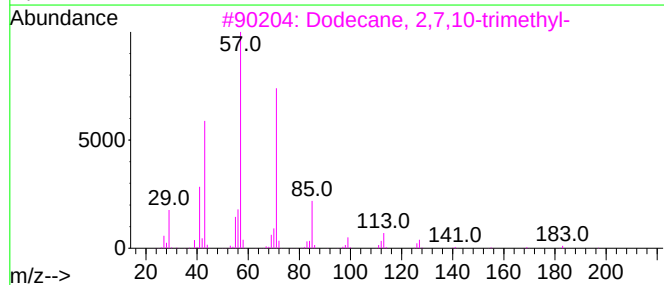
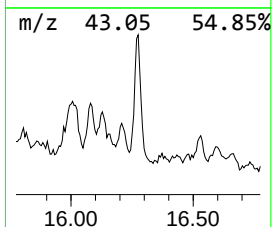
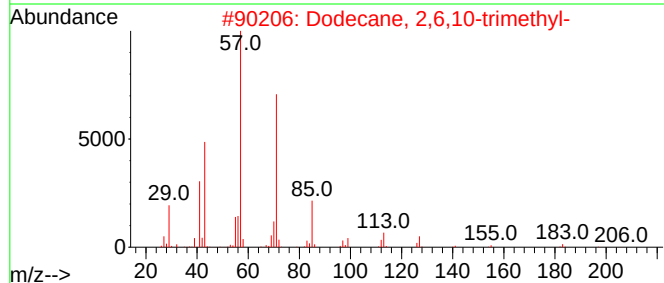
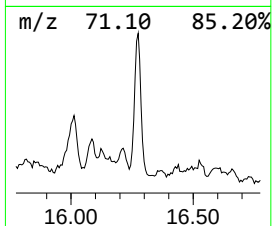
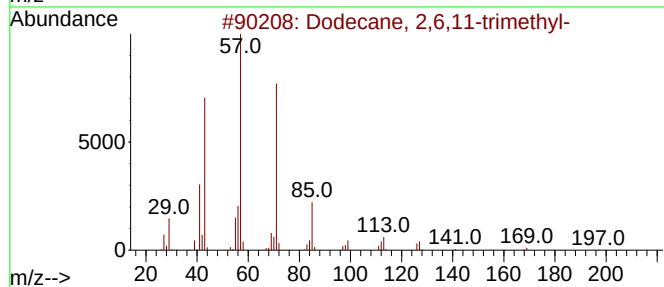
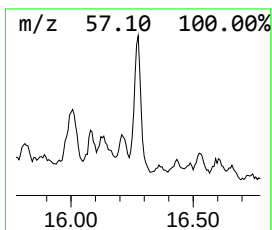
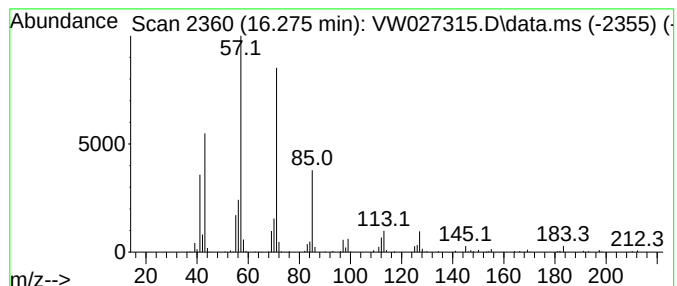
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	8.03 ug/L	222480	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
4		Octane, 2-methyl-	128	C9H20	003221-61-2	81
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
 Data File : VW027315.D
 Acq On : 17 Oct 2023 17:49
 Operator : SY/MD
 Sample : 04922-01
 Misc : 5.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.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...	3.039	1.9	ug/L	129519	1	8.843	1700100	25.0
(DEL) Alkane: S...	3.399	3.0	ug/L	200402	1	8.843	1700100	25.0
(DEL) Alkane: S...	3.856	4.9	ug/L	333153	1	8.843	1700100	25.0
(DEL) Alkane: S...	4.764	2.1	ug/L	142124	1	8.843	1700100	25.0
(DEL) Alkane: S...	5.081	16.0	ug/L	1090460	1	8.843	1700100	25.0
(DEL) Alkane: S...	5.447	3.0	ug/L	203646	1	8.843	1700100	25.0
(DEL) Alkane: S...	5.758	5.0	ug/L	336582	1	8.843	1700100	25.0
(DEL) Alkane: S...	5.941	3.8	ug/L	255016	1	8.843	1700100	25.0
(DEL) Alkane: S...	6.295	26.7	ug/L	1818490	1	8.843	1700100	25.0
(DEL) Alkane: S...	6.435	2.7	ug/L	182776	1	8.843	1700100	25.0
(DEL) Alkane: S...	6.734	4.2	ug/L	282428	1	8.843	1700100	25.0
(DEL) Alkane: C...	6.983	9.1	ug/L	620090	1	8.843	1700100	25.0
(DEL) Alkane: S...	8.038	2.8	ug/L	188123	1	8.843	1700100	25.0
(DEL) Alkane: S...	8.160	2.6	ug/L	174629	1	8.843	1700100	25.0
Cyclobutane, et...	8.459	10.9	ug/L	743639	1	8.843	1700100	25.0
(DEL) Alkane: C...	8.575	2.2	ug/L	150462	1	8.843	1700100	25.0
(DEL) Alkane: S...	8.691	3.0	ug/L	201183	1	8.843	1700100	25.0
(DEL) Alkane: S...	9.075	3.9	ug/L	263276	1	8.843	1700100	25.0
Cyclopentene, 1...	9.117	2.0	ug/L	132943	1	8.843	1700100	25.0
(DEL) Alkane: C...	9.520	1.3	ug/L	91246	1	8.843	1700100	25.0
(DEL) Alkane: S...	9.757	2.1	ug/L	141770	1	8.843	1700100	25.0
Cyclobutane, (1...	9.849	3.8	ug/L	257142	1	8.843	1700100	25.0
(DEL) Alkane: S...	9.892	2.3	ug/L	153241	1	8.843	1700100	25.0
(DEL) Alkane: S...	9.952	2.1	ug/L	140655	1	8.843	1700100	25.0
(DEL) Alkane: S...	10.093	1.8	ug/L	120723	1	8.843	1700100	25.0
Cyclohexene, 1-...	10.202	3.7	ug/L	251895	1	8.843	1700100	25.0
(DEL) Alkane: C...	10.245	2.0	ug/L	98370	2	11.629	1249690	25.0
(DEL) Alkane: S...	10.507	2.9	ug/L	145438	2	11.629	1249690	25.0
1,3-Dimethyl-1-...	10.745	2.6	ug/L	127988	2	11.629	1249690	25.0
(DEL) Alkane: S...	10.843	1.3	ug/L	64730	2	11.629	1249690	25.0
(DEL) Alkane: C...	11.227	2.1	ug/L	103808	2	11.629	1249690	25.0
(DEL) Alkane: S...	11.410	1.9	ug/L	93067	2	11.629	1249690	25.0
(DEL) Alkane: S...	11.507	1.9	ug/L	93597	2	11.629	1249690	25.0
(DEL) Alkane: S...	12.056	1.4	ug/L	70145	2	11.629	1249690	25.0
(DEL) Alkane: S...	12.251	3.0	ug/L	151518	2	11.629	1249690	25.0
(DEL) Alkane: S...	12.361	7.2	ug/L	360904	2	11.629	1249690	25.0
Benzene, 1,2,4-...	12.464	1.3	ug/L	67229	2	11.629	1249690	25.0
(DEL) Alkane: C...	12.775	9.3	ug/L	258505	3	13.556	692852	25.0
Benzene, 1-ethy...	12.861	5.6	ug/L	156204	3	13.556	692852	25.0
Benzene, 1-ethy...	13.104	10.8	ug/L	300332	3	13.556	692852	25.0
(DEL) Alkane: S...	13.159	12.6	ug/L	348102	3	13.556	692852	25.0
(DEL) Alkane: S...	13.342	2.6	ug/L	71329	3	13.556	692852	25.0
(DEL) Alkane: S...	13.403	2.4	ug/L	67260	3	13.556	692852	25.0
(DEL) Alkane: C...	13.440	3.7	ug/L	102036	3	13.556	692852	25.0
(DEL) Alkane: S...	13.482	3.2	ug/L	88627	3	13.556	692852	25.0
(DEL) Alkane: S...	13.696	6.2	ug/L	171964	3	13.556	692852	25.0
Benzene, 1-ethe...	13.751	3.9	ug/L	108170	3	13.556	692852	25.0
Benzene, 2-ethy...	14.025	7.5	ug/L	208179	3	13.556	692852	25.0
o-Cymene	14.092	4.7	ug/L	129573	3	13.556	692852	25.0
unknown-01	14.196	6.5	ug/L	178705	3	13.556	692852	25.0
Oxalic acid, cy...	14.257	5.1	ug/L	142124	3	13.556	692852	25.0
(DEL) Alkane: S...	14.342	9.7	ug/L	269782	3	13.556	692852	25.0

(DEL) Alkane: C...	14.385	11.8	ug/L	326093	3	13.556	692852	25.0
Benzene, 1,2,3,...	14.415	6.5	ug/L	180869	3	13.556	692852	25.0
Benzene, 1-ethy...	14.452	6.2	ug/L	172584	3	13.556	692852	25.0
(DEL) Alkane: S...	14.494	10.4	ug/L	286714	3	13.556	692852	25.0
cis-Decalin, 2-...	14.543	5.2	ug/L	145015	3	13.556	692852	25.0
(DEL) Alkane: S...	14.720	5.2	ug/L	145073	3	13.556	692852	25.0
Benzene, 1-meth...	14.793	10.6	ug/L	294459	3	13.556	692852	25.0
(DEL) Alkane: S...	14.830	16.8	ug/L	464895	3	13.556	692852	25.0
Benzene, 1-ethy...	15.055	5.2	ug/L	143553	3	13.556	692852	25.0
(DEL) Alkane: C...	15.238	9.0	ug/L	250557	3	13.556	692852	25.0
Bacchotricuneat...	15.317	15.7	ug/L	433598	3	13.556	692852	25.0
(DEL) Alkane: S...	15.720	8.1	ug/L	225706	3	13.556	692852	25.0
(DEL) Alkane: S...	16.275	8.0	ug/L	222480	3	13.556	692852	25.0