

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
 Data File : VW022202.D
 Acq On : 07 Mar 2022 15:40
 Operator : SY/VA
 Sample : N1775-24
 Misc : 4.56g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBSC7

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\SFAMWLM022322SMA.M
 Title : SFAM01.0

Signal : TIC: VW022202.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.989	8	14	26	rVB	42869	79384	4.41%	1.478%
2	2.355	68	74	82	rVB2	44497	73628	4.09%	1.371%
3	2.495	93	97	102	rBV	3827	5507	0.31%	0.103%
4	2.885	155	161	171	rVB	26102	55285	3.07%	1.029%
5	3.032	179	185	193	rVB2	9576	21847	1.21%	0.407%
6	3.385	235	243	256	rVB3	13908	33032	1.83%	0.615%
7	3.483	256	259	260	rVB	438	398	0.02%	0.007%
8	3.507	260	263	267	rVB2	408	548	0.03%	0.010%
9	3.556	267	271	272	rBV2	450	419	0.02%	0.008%
10	3.836	314	317	319	rBV3	385	453	0.03%	0.008%
11	3.855	319	320	323	rVB	447	362	0.02%	0.007%
12	4.019	336	347	358	rBV	47285	136151	7.56%	2.535%
13	4.245	382	384	388	rVB3	445	474	0.03%	0.009%
14	4.379	393	406	430	rBV	607204	1801798	100.00%	33.542%
15	4.922	485	495	497	rBV3	7880	20738	1.15%	0.386%
16	5.440	567	580	589	rBV3	6385	21753	1.21%	0.405%
17	5.611	605	608	611	rBV	249	322	0.02%	0.006%
18	5.732	625	628	629	rBV2	556	499	0.03%	0.009%
19	5.946	651	663	676	rVB2	22114	66754	3.70%	1.243%
20	6.092	684	687	688	rBV2	309	338	0.02%	0.006%
21	6.117	688	691	694	rVB3	346	471	0.03%	0.009%
22	6.245	701	712	715	rBV5	546	1641	0.09%	0.031%
23	6.415	737	740	741	rBV5	370	364	0.02%	0.007%
24	6.495	750	753	755	rBV	338	364	0.02%	0.007%
25	6.684	782	784	788	rBV3	209	338	0.02%	0.006%
26	6.854	807	812	813	rBV2	631	844	0.05%	0.016%
27	7.074	840	848	859	rBV	16461	45776	2.54%	0.852%
28	7.372	893	897	900	rBV2	316	510	0.03%	0.009%
29	7.531	922	923	928	rVB2	567	442	0.02%	0.008%
30	7.647	932	942	953	rBV	91157	227299	12.62%	4.231%
31	7.848	972	975	979	rVV3	476	850	0.05%	0.016%
32	7.927	980	988	999	rVV4	9650	25269	1.40%	0.470%
33	8.025	999	1004	1011	rVV5	3327	8420	0.47%	0.157%
34	8.159	1016	1026	1034	rBV4	17500	41415	2.30%	0.771%
35	8.275	1035	1045	1061	rBV2	158257	478074	26.53%	8.900%
36	8.512	1078	1084	1086	rBV6	1000	1999	0.11%	0.037%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Title : SFAM01.0

37	8.695	1106	1114	1123	rVB2	11352	23823	1.32%	0.443%
38	8.842	1130	1138	1150	rBV	190523	370413	20.56%	6.896%
39	9.000	1159	1164	1168	rVB4	808	1537	0.09%	0.029%
40	9.079	1172	1177	1184	rVB8	2686	5725	0.32%	0.107%
41	9.275	1200	1209	1224	rBV	115709	237592	13.19%	4.423%
42	9.506	1243	1247	1248	rBV2	2394	2433	0.14%	0.045%
43	9.592	1258	1261	1263	rBV2	366	424	0.02%	0.008%
44	9.622	1263	1266	1267	rBV2	584	540	0.03%	0.010%
45	9.652	1267	1271	1272	rBV4	829	1118	0.06%	0.021%
46	9.762	1282	1289	1292	rBV8	1298	2684	0.15%	0.050%
47	9.951	1316	1320	1323	rBV5	860	1457	0.08%	0.027%
48	10.037	1327	1334	1342	rBV	54680	101294	5.62%	1.886%
49	10.244	1366	1368	1372	rVB4	1204	1474	0.08%	0.027%
50	10.323	1373	1381	1388	rBV	213207	373920	20.75%	6.961%
51	10.579	1417	1423	1432	rVB	36161	65158	3.62%	1.213%
52	10.707	1439	1444	1449	rVB4	1700	3286	0.18%	0.061%
53	10.860	1461	1469	1473	rBV6	2128	4225	0.23%	0.079%
54	10.921	1473	1479	1487	rBV	42116	73531	4.08%	1.369%
55	11.073	1500	1504	1505	rBV3	1045	1349	0.07%	0.025%
56	11.225	1525	1529	1531	rBV3	379	510	0.03%	0.009%
57	11.250	1531	1533	1536	rBV3	394	479	0.03%	0.009%
58	11.341	1546	1548	1551	rBV3	316	382	0.02%	0.007%
59	11.628	1587	1595	1604	rVV	226703	391045	21.70%	7.280%
60	11.829	1625	1628	1630	rBV2	897	1183	0.07%	0.022%
61	12.024	1658	1660	1664	rBV3	461	424	0.02%	0.008%
62	12.115	1672	1675	1676	rBV	268	317	0.02%	0.006%
63	12.158	1679	1682	1684	rBV2	592	808	0.04%	0.015%
64	12.231	1691	1694	1695	rBV2	447	391	0.02%	0.007%
65	12.329	1707	1710	1716	rVV5	1278	2388	0.13%	0.044%
66	12.469	1731	1733	1736	rVB3	479	395	0.02%	0.007%
67	12.585	1748	1752	1761	rVB6	1144	2578	0.14%	0.048%
68	12.689	1761	1769	1777	rBV	110244	184442	10.24%	3.434%
69	12.859	1793	1797	1801	rBV4	618	1066	0.06%	0.020%
70	12.963	1805	1814	1821	rVB6	2426	5109	0.28%	0.095%
71	13.042	1825	1827	1831	rBV2	331	393	0.02%	0.007%
72	13.158	1842	1846	1847	rBV2	400	453	0.03%	0.008%
73	13.188	1849	1851	1857	rVB2	908	1056	0.06%	0.020%
74	13.237	1857	1859	1860	rBV	638	530	0.03%	0.010%
75	13.396	1880	1885	1889	rBV6	1452	2918	0.16%	0.054%
76	13.493	1898	1901	1904	rBV3	714	1037	0.06%	0.019%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Title : SFAM01.0

77	13.554	1905	1911	1919	rVV	97143	153873	8.54%	2.864%
78	13.640	1923	1925	1931	rVB4	1411	2373	0.13%	0.044%
79	13.762	1942	1945	1946	rVB2	890	812	0.05%	0.015%
80	13.853	1953	1960	1969	rVB	88912	154284	8.56%	2.872%
81	13.926	1969	1972	1975	rVV3	401	378	0.02%	0.007%
82	13.993	1981	1983	1986	rVB4	482	395	0.02%	0.007%
83	14.066	1991	1995	2002	rVB2	1866	3529	0.20%	0.066%
84	14.121	2002	2004	2007	rBV	488	539	0.03%	0.010%
85	14.200	2013	2017	2020	rBV4	507	738	0.04%	0.014%
86	14.719	2095	2102	2108	rBV	7448	11854	0.66%	0.221%
87	14.798	2112	2115	2118	rVV4	367	529	0.03%	0.010%
88	14.853	2121	2124	2126	rBV2	403	465	0.03%	0.009%
89	14.914	2132	2134	2138	rBV2	371	396	0.02%	0.007%
90	15.066	2157	2159	2164	rVB	474	490	0.03%	0.009%
91	15.365	2205	2208	2210	rVV3	519	424	0.02%	0.008%
92	15.395	2210	2213	2217	rVV4	567	809	0.04%	0.015%
93	15.548	2233	2238	2244	rVB3	4166	6656	0.37%	0.124%
94	15.645	2248	2254	2257	rBV4	427	816	0.05%	0.015%
95	15.938	2300	2302	2303	rBV2	378	382	0.02%	0.007%
96	16.115	2329	2331	2334	rVV2	349	342	0.02%	0.006%
97	16.200	2343	2345	2348	rBV3	419	493	0.03%	0.009%
98	16.322	2359	2365	2373	rVB5	3037	6494	0.36%	0.121%
99	16.499	2389	2394	2395	rBV2	565	721	0.04%	0.013%
100	16.548	2400	2402	2407	rBV3	347	361	0.02%	0.007%

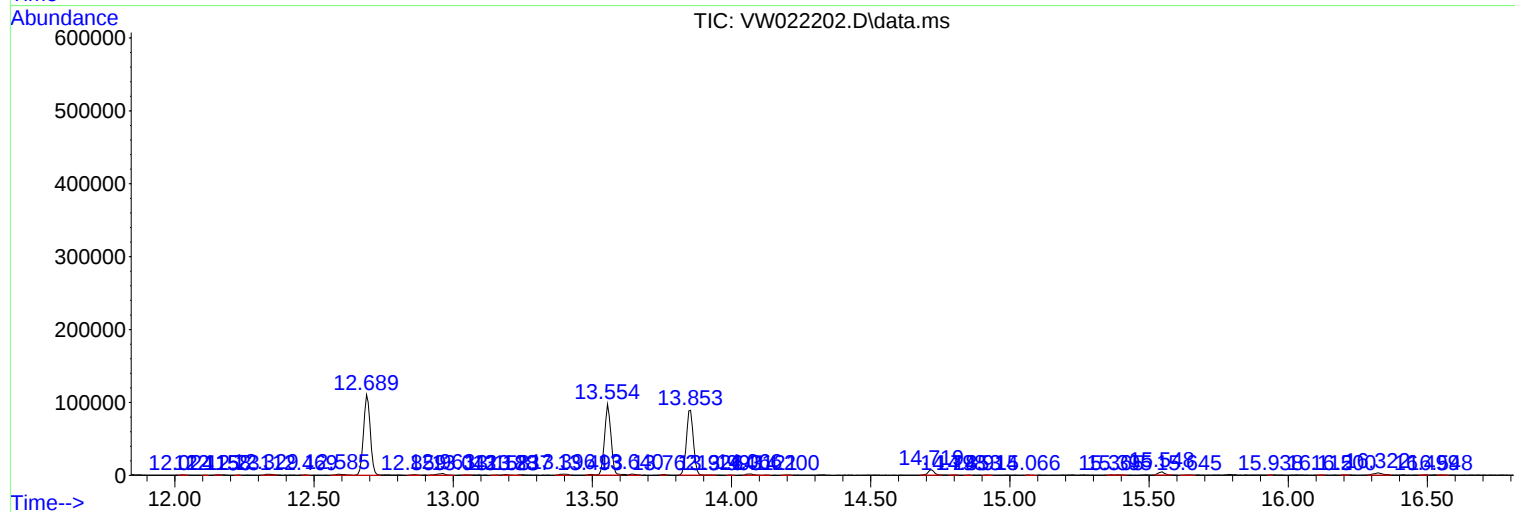
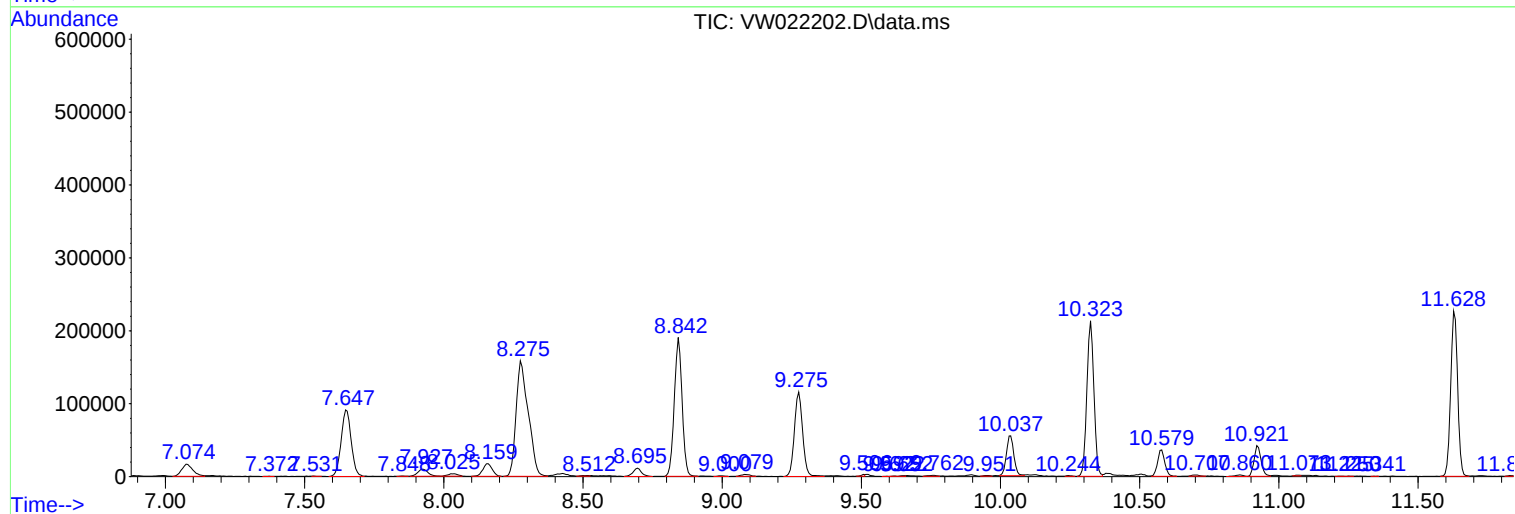
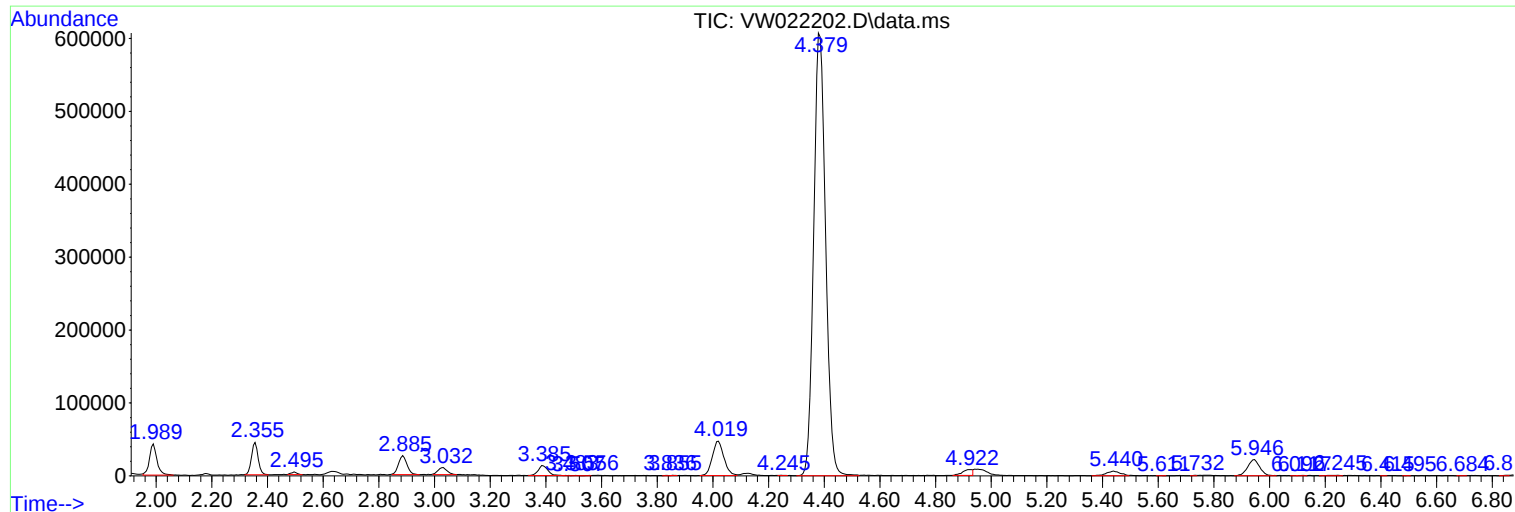
Sum of corrected areas: 5371806

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Instrument :
MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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



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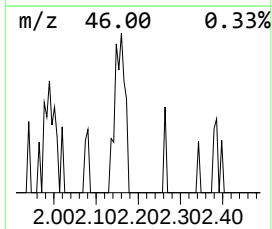
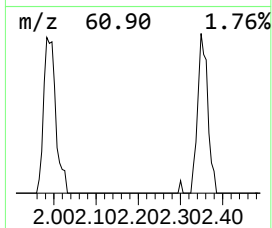
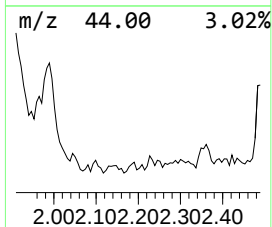
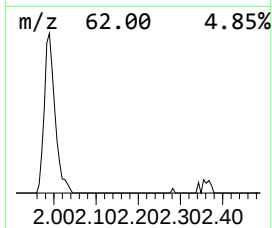
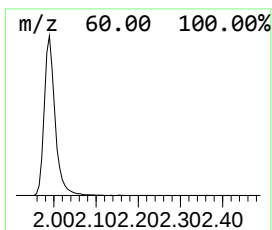
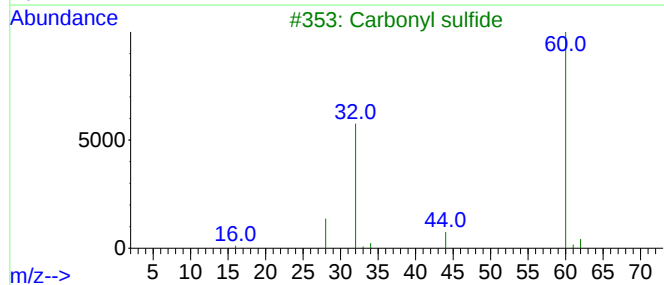
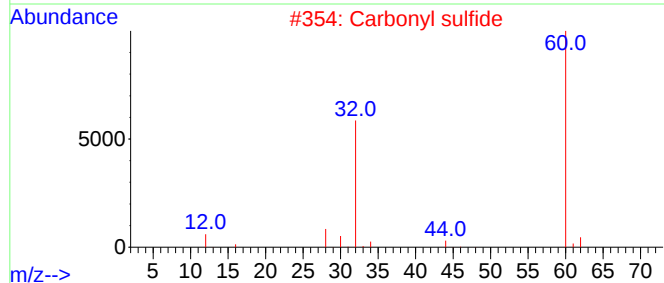
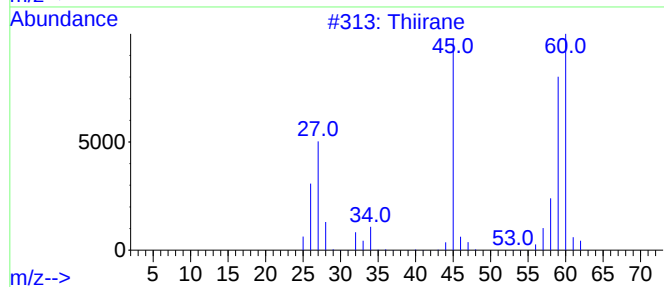
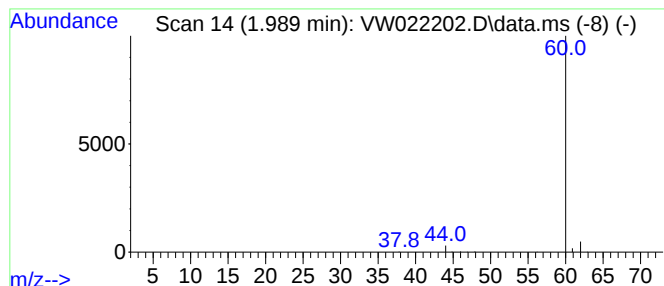
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.989	5.36 ug/L	79384	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiirane	60	C2H4S	000420-12-2	9
2			Carbonyl sulfide	60	COS	000463-58-1	9
3			Carbonyl sulfide	60	COS	000463-58-1	5
4			Formamidoxime	60	CH4N2O	000624-82-8	5
5			Methyl formate	60	C2H4O2	000107-31-3	4



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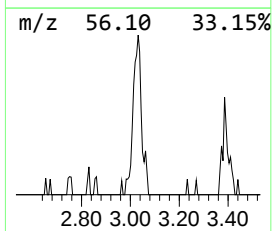
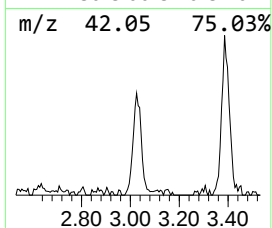
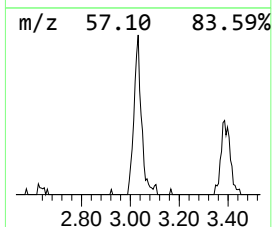
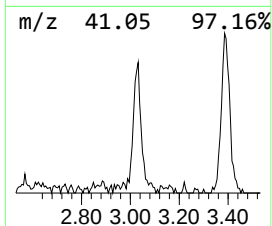
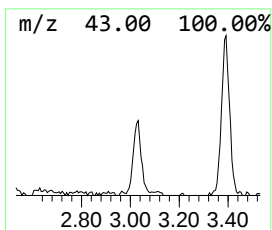
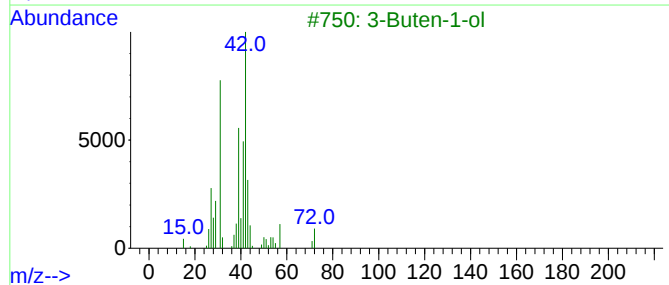
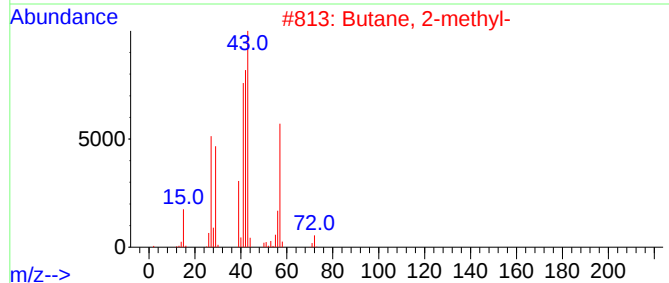
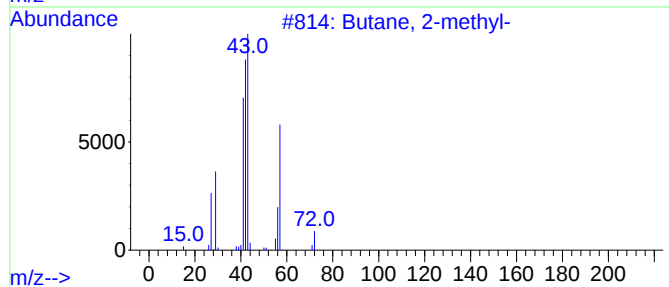
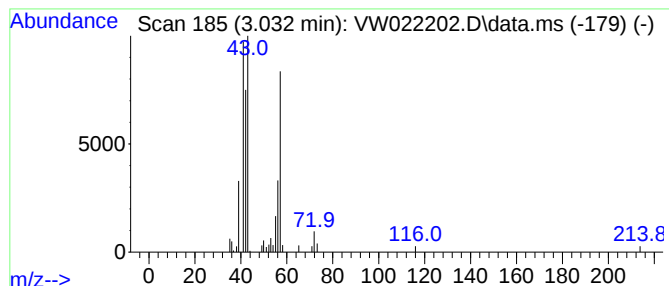
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.032	1.47 ug/L	21847	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	72
2			Butane, 2-methyl-	72	C5H12	000078-78-4	64
3			3-Buten-1-ol	72	C4H8O	000627-27-0	43
4			Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	25
5			1-Propene, 2-methyl-	56	C4H8	000115-11-7	10



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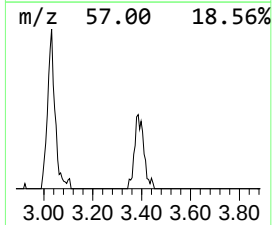
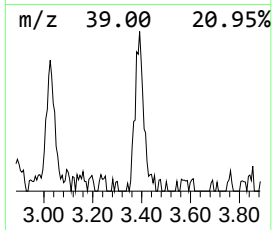
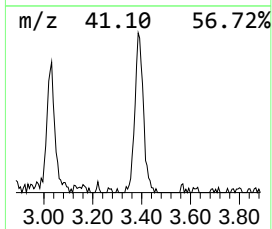
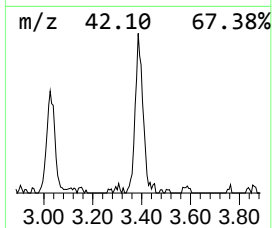
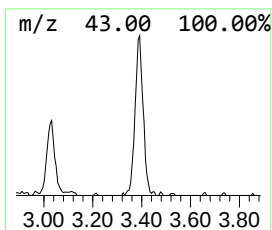
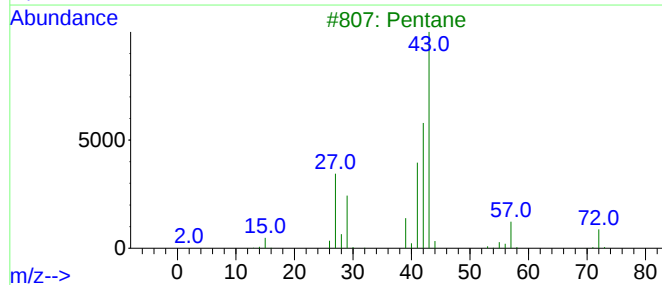
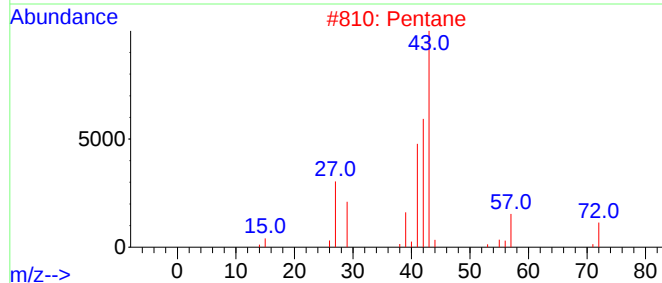
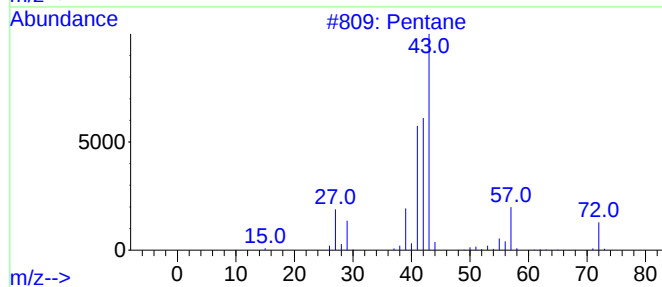
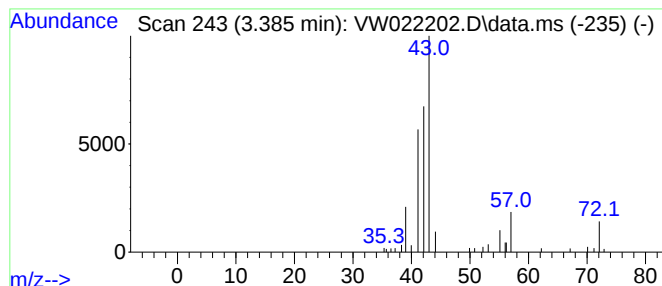
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.385	2.23 ug/L	33032	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	72
2	Pentane	72	C5H12	000109-66-0	64
3	Pentane	72	C5H12	000109-66-0	64
4	Pentane	72	C5H12	000109-66-0	64
5	Pentane	72	C5H12	000109-66-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
Data File : VW022202.D
Acq On : 07 Mar 2022 15:40
Operator : SY/VA
Sample : N1775-24
Misc : 4.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBSC7

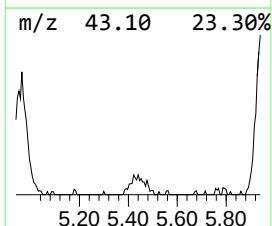
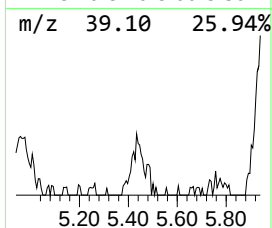
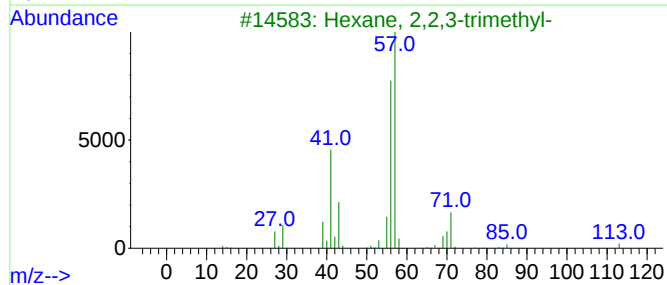
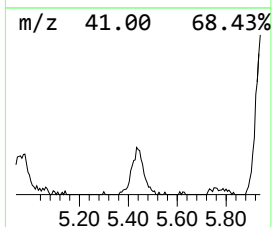
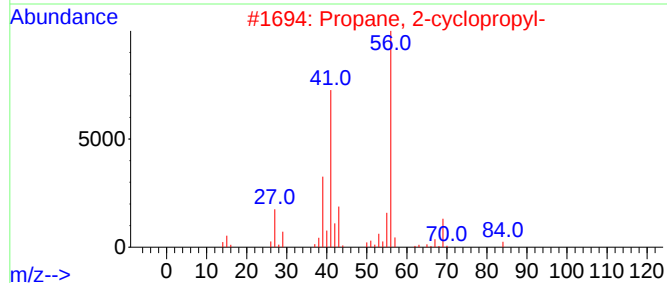
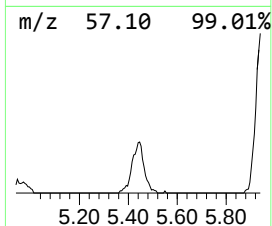
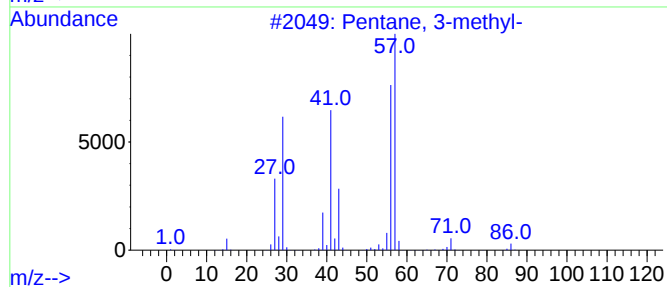
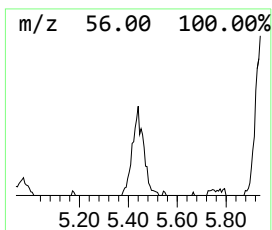
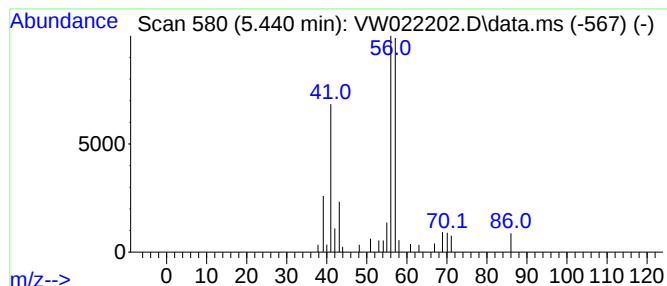
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.440	1.47 ug/L	21753	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	64
2			Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	53
3			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	50
4			Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	42
5			Pentane, 3-methyl-	86	C6H14	000096-14-0	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
Data File : VW022202.D
Acq On : 07 Mar 2022 15:40
Operator : SY/VA
Sample : N1775-24
Misc : 4.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBSC7

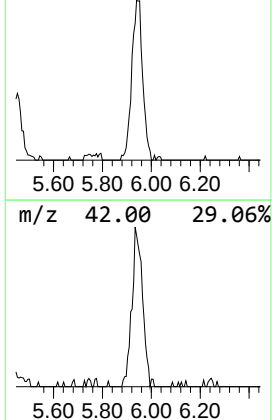
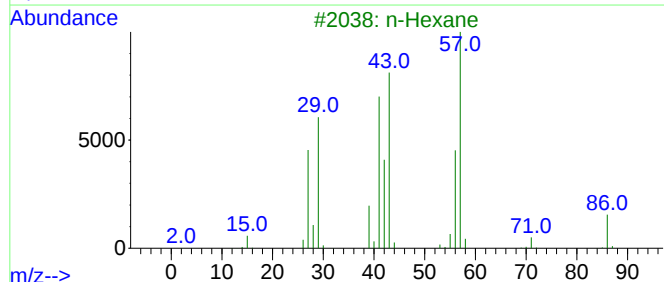
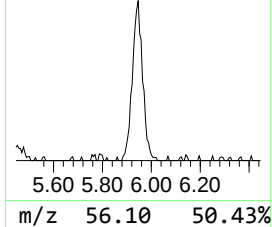
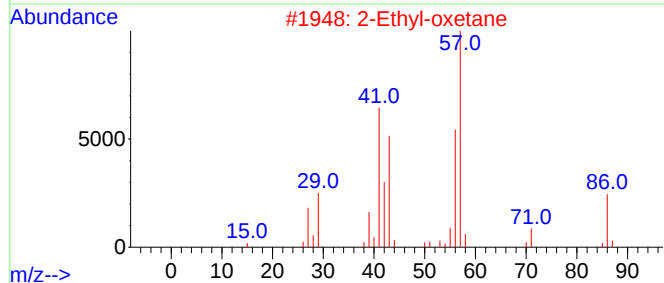
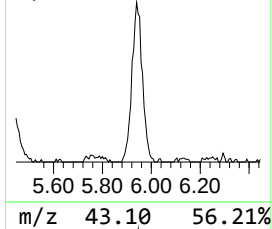
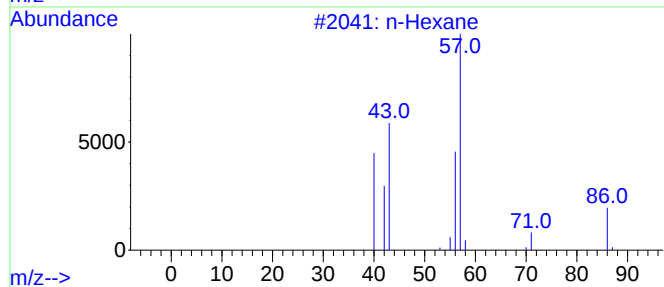
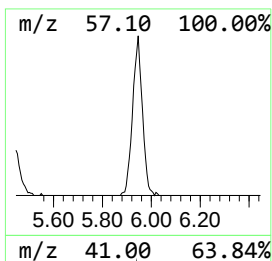
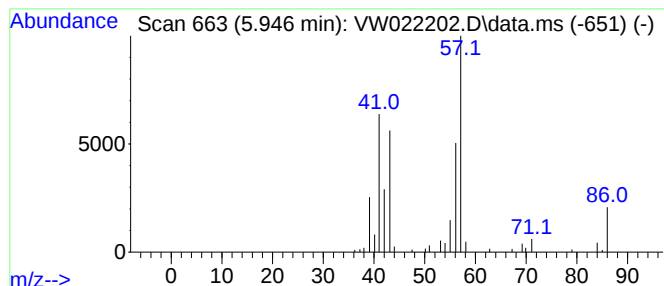
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.946	4.51 ug/L	66754	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexane	86	C6H14	000110-54-3	80
2		2-Ethyl-oxetane	86	C5H10O	1010386-40-2	80
3		n-Hexane	86	C6H14	000110-54-3	59
4		n-Hexane	86	C6H14	000110-54-3	53
5		n-Hexane	86	C6H14	000110-54-3	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
Data File : VW022202.D
Acq On : 07 Mar 2022 15:40
Operator : SY/VA
Sample : N1775-24
Misc : 4.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBSC7

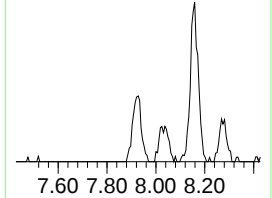
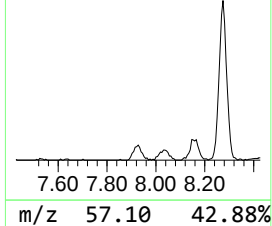
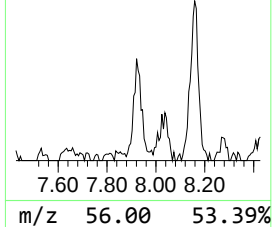
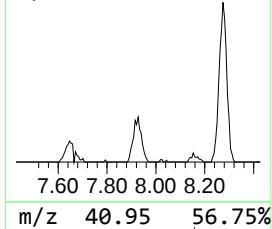
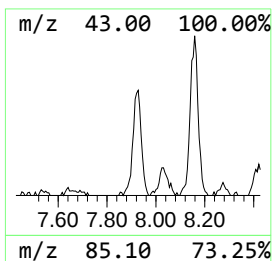
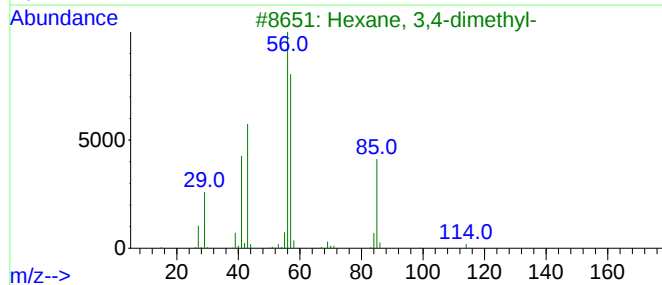
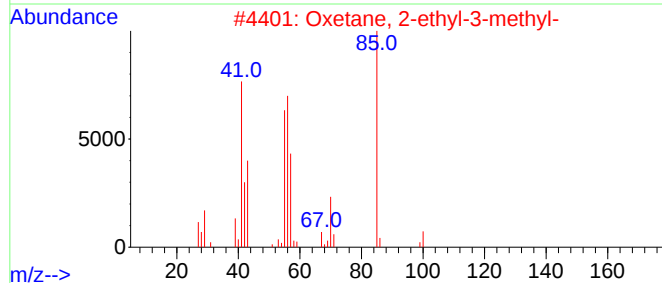
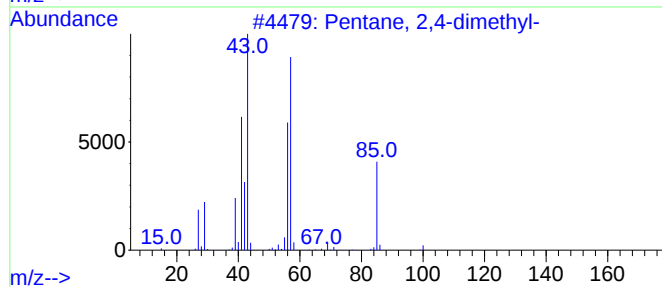
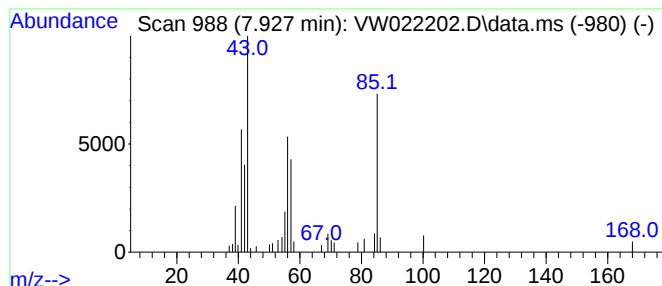
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.927	1.71 ug/L	25269	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
2		Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	64
3		Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	53
4		Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	50
5		Hexane, 2-methyl-	100	C7H16	000591-76-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
Data File : VW022202.D
Acq On : 07 Mar 2022 15:40
Operator : SY/VA
Sample : N1775-24
Misc : 4.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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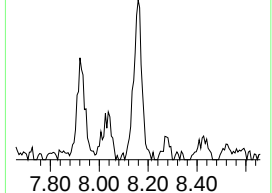
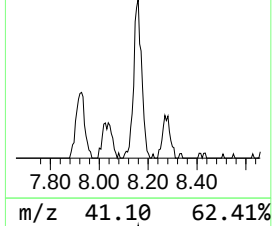
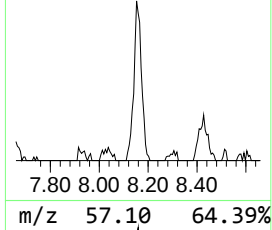
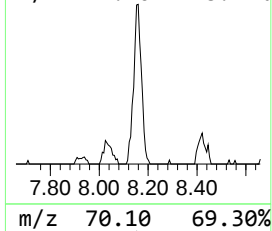
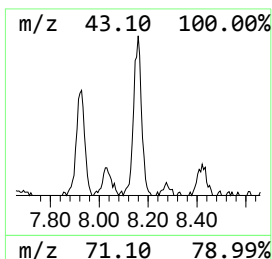
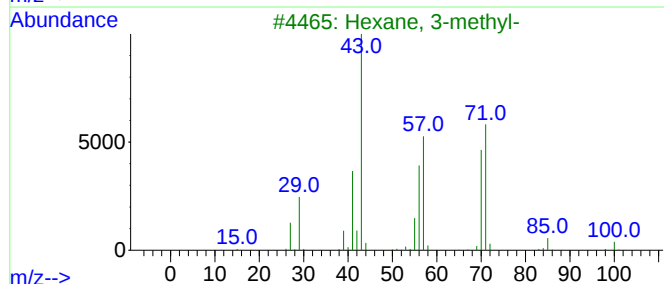
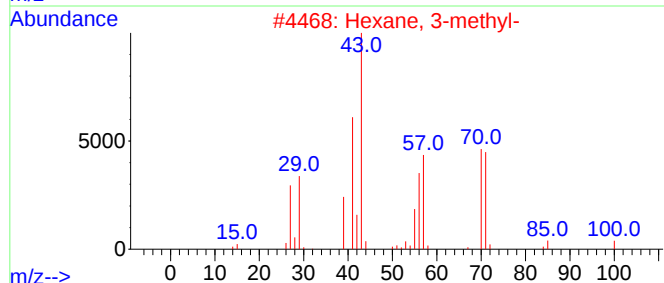
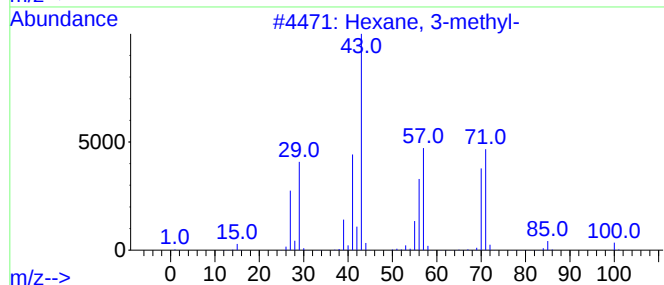
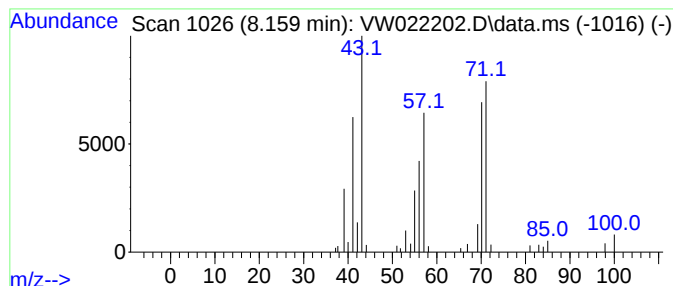
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.159	2.80 ug/L	41415	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	90
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	86
3			Hexane, 3-methyl-	100	C7H16	000589-34-4	80
4			Heptane	100	C7H16	000142-82-5	68
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
Data File : VW022202.D
Acq On : 07 Mar 2022 15:40
Operator : SY/VA
Sample : N1775-24
Misc : 4.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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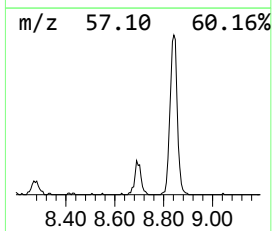
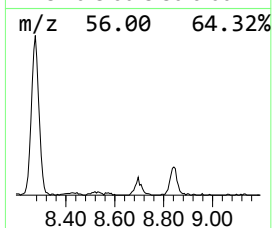
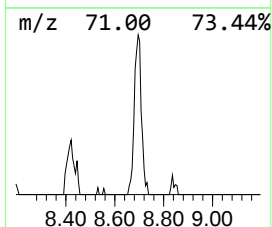
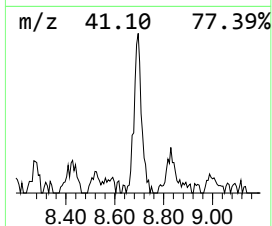
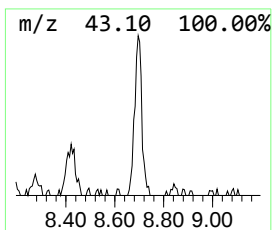
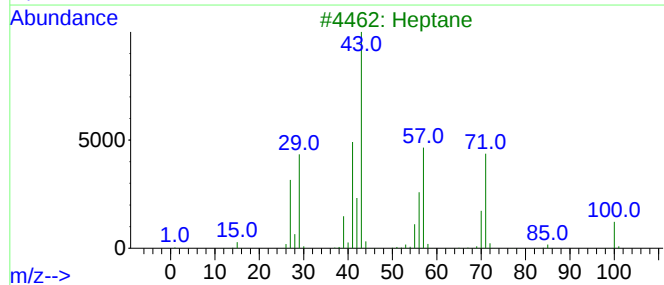
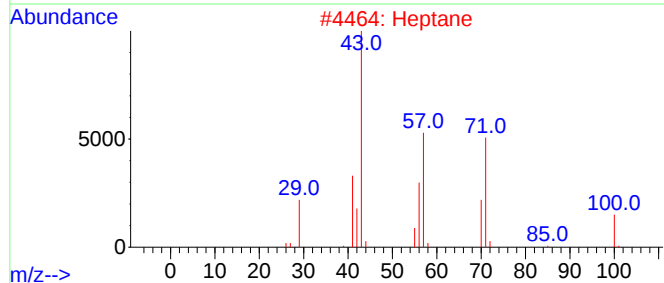
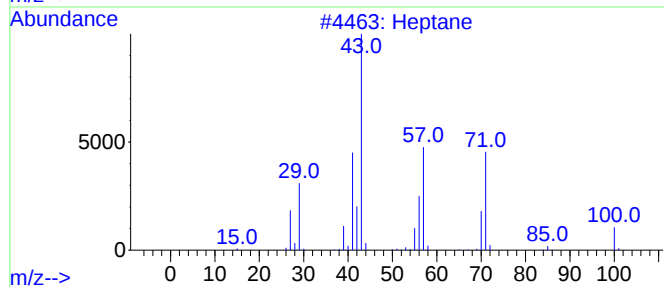
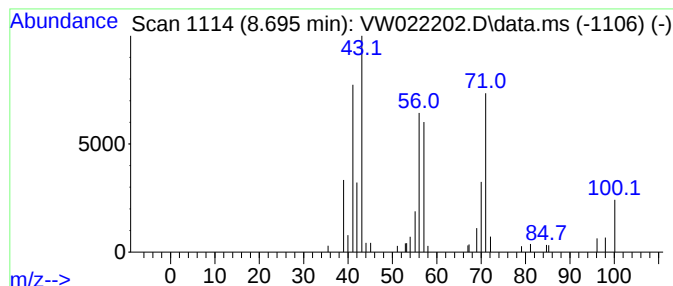
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	1.61 ug/L	23823	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane	100	C7H16	000142-82-5	86
2		Heptane	100	C7H16	000142-82-5	86
3		Heptane	100	C7H16	000142-82-5	59
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	50
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
Data File : VW022202.D
Acq On : 07 Mar 2022 15:40
Operator : SY/VA
Sample : N1775-24
Misc : 4.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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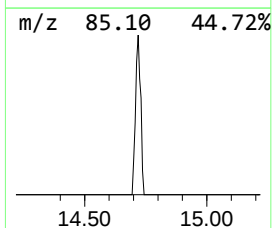
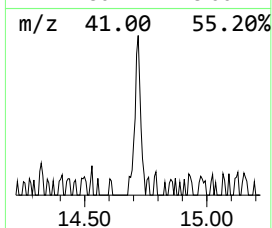
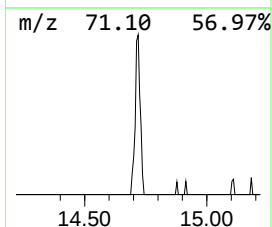
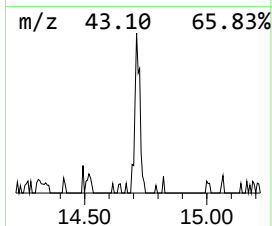
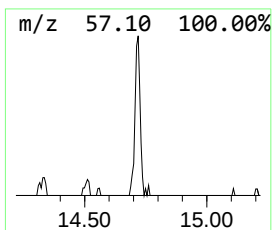
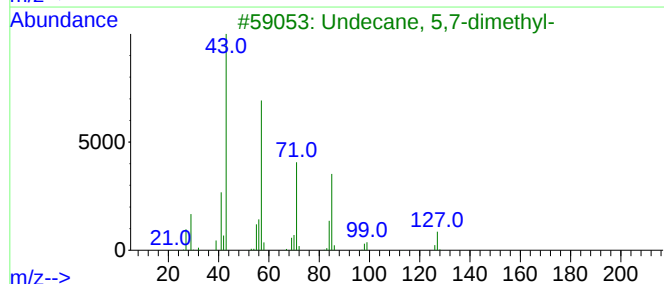
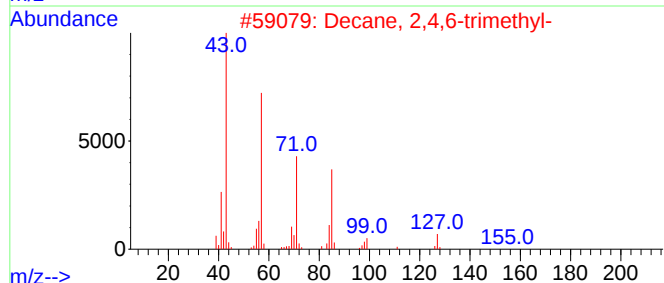
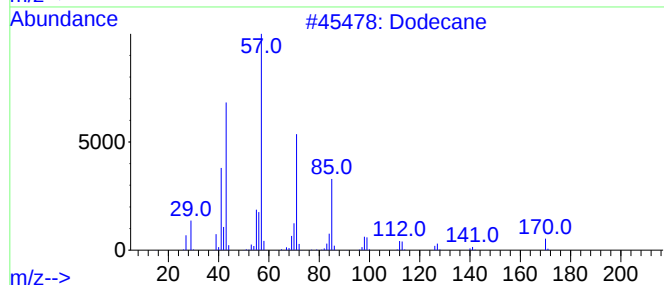
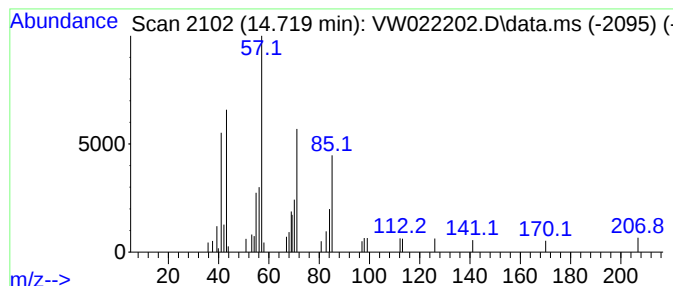
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	1.93 ug/L	11854	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	68
2			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	59
3			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	59
4			Dodecane	170	C12H26	000112-40-3	53
5			Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
Data File : VW022202.D
Acq On : 07 Mar 2022 15:40
Operator : SY/VA
Sample : N1775-24
Misc : 4.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBSC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

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					#	RT	Resp	Conc
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(DEL) Alkane: S...	3.385	2.2	ug/L	33032	1	8.842	370413	25.0
(DEL) Alkane: S...	5.440	1.5	ug/L	21753	1	8.842	370413	25.0
(DEL) Alkane: S...	5.946	4.5	ug/L	66754	1	8.842	370413	25.0
(DEL) Alkane: S...	7.927	1.7	ug/L	25269	1	8.842	370413	25.0
(DEL) Alkane: S...	8.159	2.8	ug/L	41415	1	8.842	370413	25.0
(DEL) Alkane: S...	8.695	1.6	ug/L	23823	1	8.842	370413	25.0
(DEL) Alkane: S...	14.719	1.9	ug/L	11854	3	13.554	153873	25.0