

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
 Data File : VW030161.D
 Acq On : 19 Sep 2024 20:33
 Operator : SY/MD
 Sample : P4109-07
 Misc : 5.16g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EJ9

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\SFAMWLM091624SMA.M
 Title : SFAM01.0

Signal : TIC: VW030161.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.155	42	44	47	rBV4	1174	1931	0.17%	0.023%
2	2.363	69	78	91	rBV	61466	143041	12.31%	1.693%
3	2.576	111	113	116	rBV3	593	799	0.07%	0.009%
4	2.722	135	137	141	rBV3	671	739	0.06%	0.009%
5	2.899	157	166	187	rVB	44588	125955	10.84%	1.491%
6	3.295	229	231	232	rBV2	338	247	0.02%	0.003%
7	3.399	241	248	253	rBV6	1449	3432	0.30%	0.041%
8	3.728	300	302	312	rVB3	831	1638	0.14%	0.019%
9	3.807	312	315	317	rBV2	264	263	0.02%	0.003%
10	3.862	320	324	327	rBV2	288	442	0.04%	0.005%
11	4.021	339	350	362	rBV	131250	381946	32.86%	4.521%
12	4.137	364	369	378	rVB	15600	42112	3.62%	0.498%
13	4.393	403	411	417	rBV3	1019	2987	0.26%	0.035%
14	4.435	417	418	419	rVV	643	394	0.03%	0.005%
15	4.478	423	425	426	rVV	456	347	0.03%	0.004%
16	4.698	458	461	462	rBV3	237	271	0.02%	0.003%
17	4.917	488	497	514	rVB2	8859	31279	2.69%	0.370%
18	5.197	541	543	545	rBV	241	199	0.02%	0.002%
19	5.423	575	580	585	rBV6	756	1977	0.17%	0.023%
20	5.612	609	611	616	rBV2	217	281	0.02%	0.003%
21	5.770	633	637	638	rBV	220	236	0.02%	0.003%
22	5.941	658	665	666	rBV3	1436	2610	0.22%	0.031%
23	6.209	707	709	710	rBV	403	272	0.02%	0.003%
24	6.228	710	712	714	rVB2	354	239	0.02%	0.003%
25	6.368	733	735	738	rVB	179	206	0.02%	0.002%
26	6.423	738	744	746	rBV2	151	279	0.02%	0.003%
27	6.624	774	777	780	rVB2	179	212	0.02%	0.003%
28	6.679	783	786	787	rBV	294	196	0.02%	0.002%
29	6.709	787	791	792	rBV2	271	282	0.02%	0.003%
30	6.874	816	818	822	rBV	152	219	0.02%	0.003%
31	7.014	838	841	842	rBV	266	249	0.02%	0.003%
32	7.081	844	852	862	rBV	31683	94141	8.10%	1.114%
33	7.502	920	921	923	rBV	260	260	0.02%	0.003%
34	7.648	933	945	960	rBV	199414	497151	42.77%	5.885%
35	7.776	964	966	970	rVB3	340	468	0.04%	0.006%
36	7.855	976	979	980	rBV3	358	356	0.03%	0.004%

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37	7.874	980	982	987	rVB2	577	842	0.07%	0.010%
38	7.947	991	994	995	rBV2	341	271	0.02%	0.003%
39	8.063	1011	1013	1016	rVV2	284	421	0.04%	0.005%
40	8.154	1023	1028	1029	rBV2	225	240	0.02%	0.003%
41	8.276	1036	1048	1064	rBV2	391361	1162346	100.00%	13.759%
42	8.483	1079	1082	1083	rVB	432	317	0.03%	0.004%
43	8.508	1083	1086	1088	rBV2	290	328	0.03%	0.004%
44	8.526	1088	1089	1092	rVV2	316	263	0.02%	0.003%
45	8.624	1100	1105	1107	rBV3	207	235	0.02%	0.003%
46	8.703	1113	1118	1122	rBV4	863	2050	0.18%	0.024%
47	8.843	1132	1141	1153	rVV	480885	949195	81.66%	11.236%
48	8.953	1157	1159	1160	rVV	341	322	0.03%	0.004%
49	8.965	1160	1161	1164	rVB	431	417	0.04%	0.005%
50	9.087	1173	1181	1187	rBV8	1794	4590	0.39%	0.054%
51	9.276	1201	1212	1224	rBV	257219	539210	46.39%	6.383%
52	9.434	1236	1238	1241	rVB3	193	208	0.02%	0.002%
53	9.642	1267	1272	1273	rBV2	640	916	0.08%	0.011%
54	9.739	1285	1288	1290	rVB	226	247	0.02%	0.003%
55	9.764	1290	1292	1295	rBV2	326	373	0.03%	0.004%
56	9.904	1312	1315	1319	rVB2	195	373	0.03%	0.004%
57	9.947	1319	1322	1325	rBV	244	305	0.03%	0.004%
58	10.032	1329	1336	1346	rBV	121370	222646	19.15%	2.635%
59	10.099	1346	1347	1350	rVV2	857	598	0.05%	0.007%
60	10.129	1350	1352	1355	rVB3	567	602	0.05%	0.007%
61	10.160	1355	1357	1360	rVB4	332	339	0.03%	0.004%
62	10.209	1361	1365	1368	rBV3	1017	1259	0.11%	0.015%
63	10.325	1373	1384	1392	rBV	430293	765566	65.86%	9.062%
64	10.495	1408	1412	1413	rBV2	572	811	0.07%	0.010%
65	10.575	1418	1425	1436	rBV	72226	128987	11.10%	1.527%
66	10.660	1436	1439	1440	rBV3	383	386	0.03%	0.005%
67	10.703	1440	1446	1452	rVB2	6285	12084	1.04%	0.143%
68	10.782	1455	1459	1462	rBV5	839	1529	0.13%	0.018%
69	10.831	1462	1467	1470	rBV3	1706	3087	0.27%	0.037%
70	10.922	1475	1482	1493	rBV	137747	241392	20.77%	2.857%
71	11.166	1520	1522	1523	rBV	358	231	0.02%	0.003%
72	11.227	1528	1532	1539	rVB6	1030	1672	0.14%	0.020%
73	11.294	1539	1543	1544	rBV3	367	555	0.05%	0.007%
74	11.355	1552	1553	1555	rVB	503	310	0.03%	0.004%
75	11.404	1555	1561	1562	rBV2	834	1298	0.11%	0.015%
76	11.477	1568	1573	1575	rBV2	417	795	0.07%	0.009%

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77	11.629	1587	1598	1607	rBV	452176	753040	64.79%	8.914%
78	11.708	1607	1611	1625	rVB2	3415	9981	0.86%	0.118%
79	11.830	1625	1631	1636	rBV6	2973	6586	0.57%	0.078%
80	11.971	1650	1654	1656	rBV4	987	1159	0.10%	0.014%
81	12.056	1666	1668	1669	rVB2	317	208	0.02%	0.002%
82	12.117	1671	1678	1682	rBV5	3546	7258	0.62%	0.086%
83	12.166	1683	1686	1690	rVV5	1438	2260	0.19%	0.027%
84	12.239	1693	1698	1706	rVB9	2836	6220	0.54%	0.074%
85	12.330	1706	1713	1714	rBV4	3955	6634	0.57%	0.079%
86	12.452	1726	1733	1735	rBV6	4031	9984	0.86%	0.118%
87	12.592	1749	1756	1765	rVB6	9508	21971	1.89%	0.260%
88	12.690	1765	1772	1779	rBV	155781	260244	22.39%	3.081%
89	12.775	1781	1786	1791	rVB3	17529	31076	2.67%	0.368%
90	12.873	1791	1802	1807	rBV8	6717	22164	1.91%	0.262%
91	12.964	1808	1817	1823	rBV5	17066	49602	4.27%	0.587%
92	13.153	1846	1848	1849	rBV2	6429	5722	0.49%	0.068%
93	13.403	1882	1889	1898	rBV3	36894	89869	7.73%	1.064%
94	13.556	1908	1914	1918	rBV	217458	353958	30.45%	4.190%
95	13.848	1957	1962	1969	rBV	148966	263202	22.64%	3.116%
96	14.379	2045	2049	2052	rBV4	39817	64682	5.56%	0.766%
97	14.495	2063	2068	2074	rBV4	68749	192318	16.55%	2.276%
98	14.830	2119	2123	2130	rVB	135914	233964	20.13%	2.769%
99	15.318	2198	2203	2210	rVB	233708	397733	34.22%	4.708%
100	16.269	2355	2359	2368	rVB	141316	272912	23.48%	3.230%

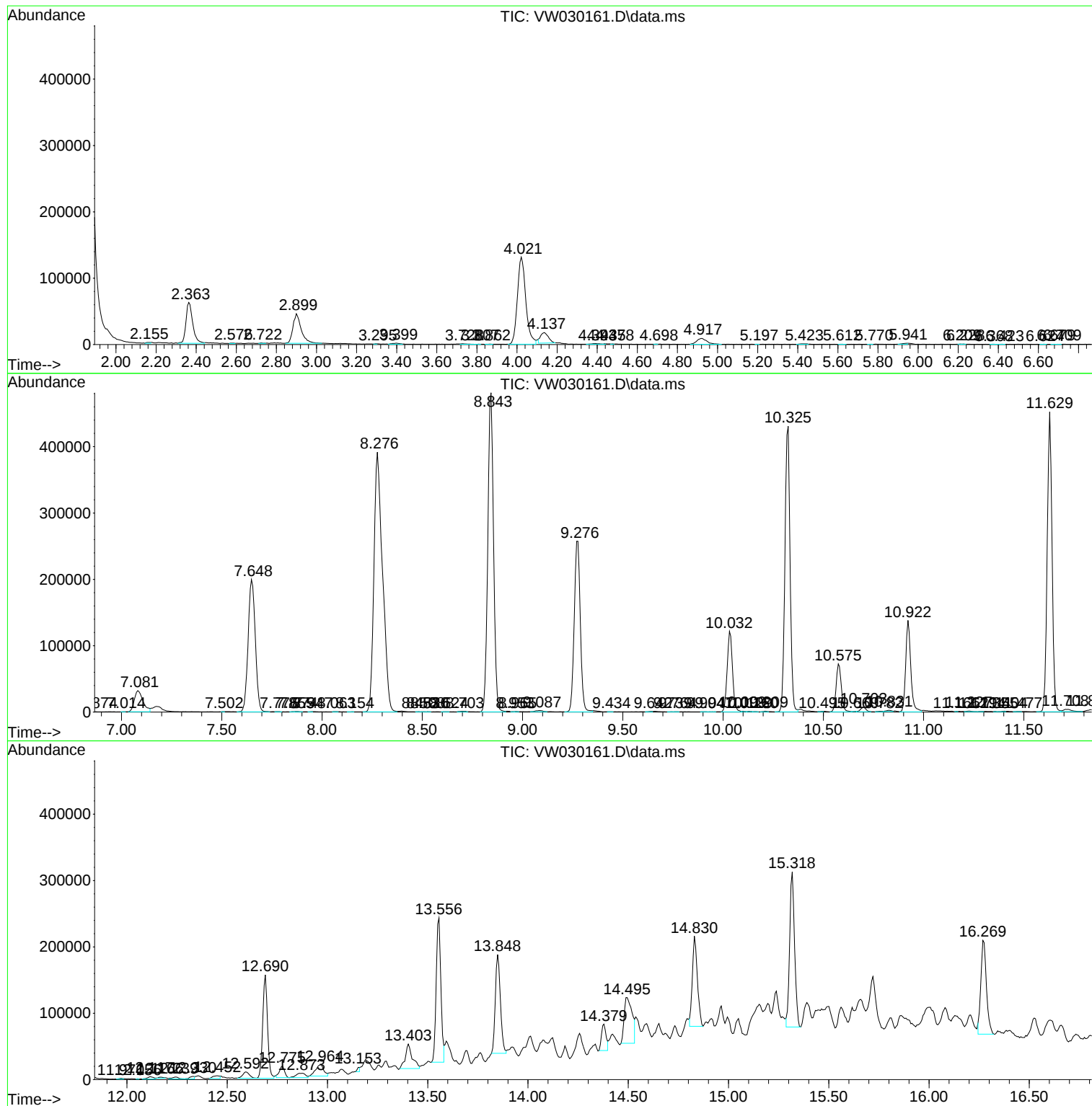
Sum of corrected areas: 8448019

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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



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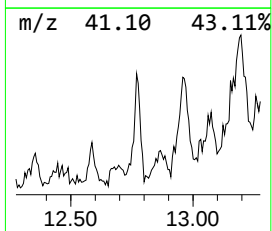
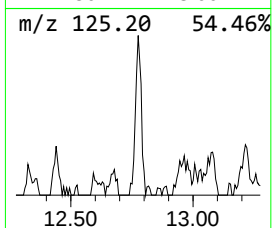
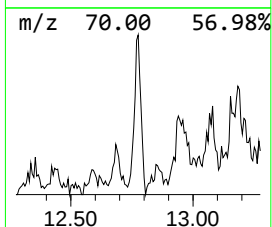
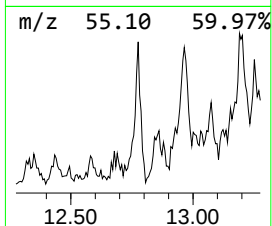
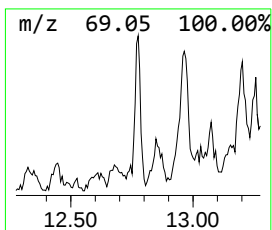
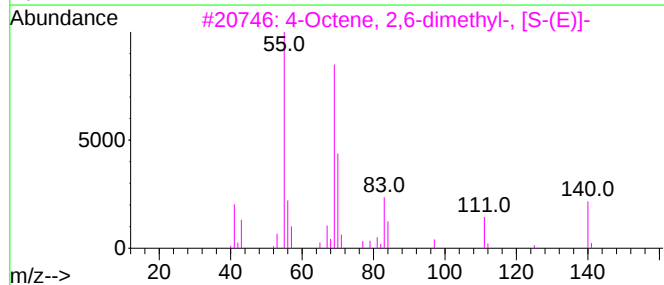
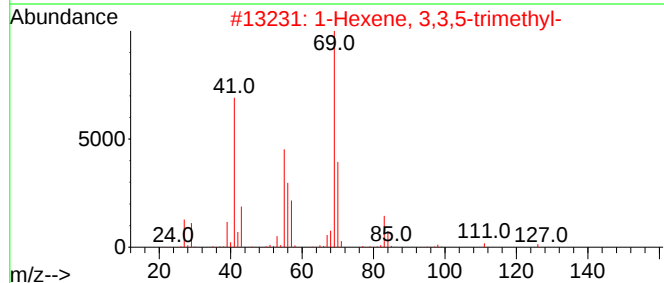
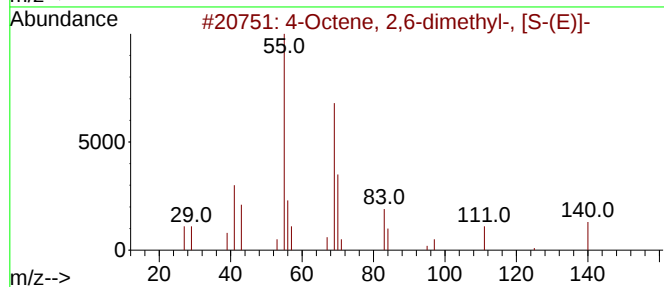
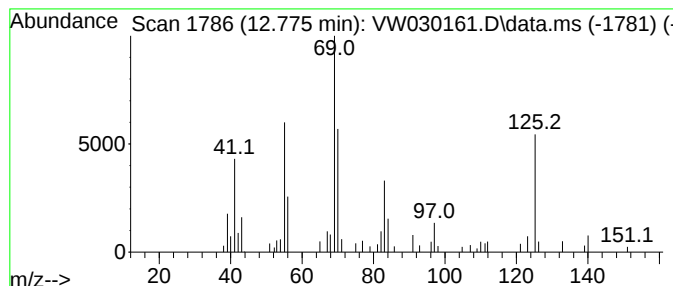
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	2.19 ug/L	31076	1,4-Dichlorobenzene-d4	13.550

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	64
2		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	58
3		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	58
4		(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-04-1	50
5		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	30



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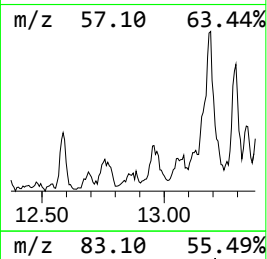
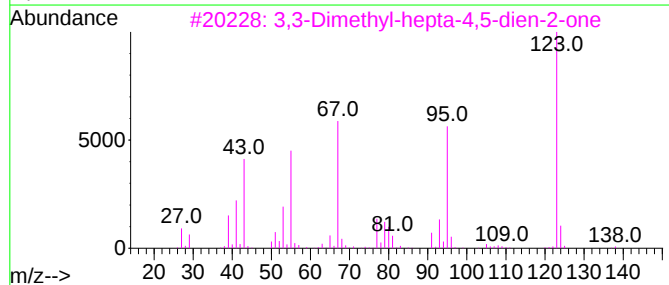
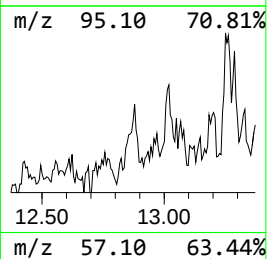
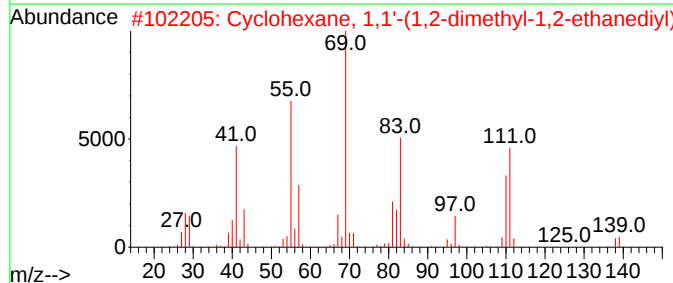
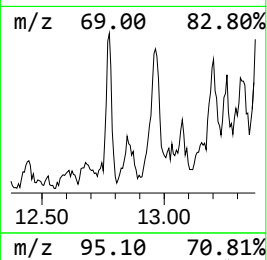
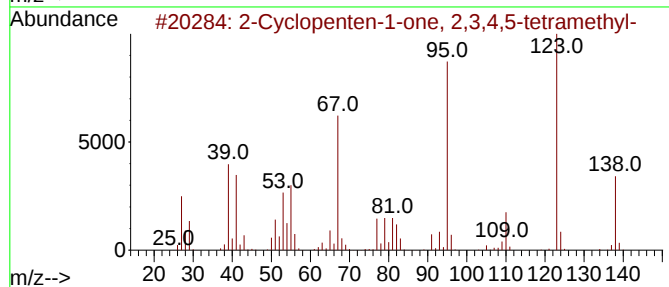
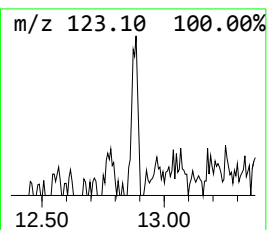
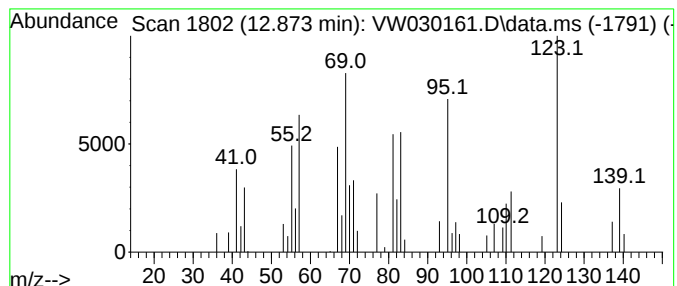
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	1.57 ug/L	22164	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	35		
2	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	074663-71-1	35		
3	3,3-Dimethyl-hepta-4,5-dien-2-one	138	C9H14O	1000190-54-1	35		
4	6-Octen-1-ol, 3,7-dimethyl-, (R)-	156	C10H20O	001117-61-9	27		
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	25		



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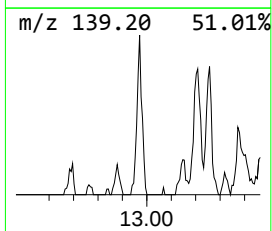
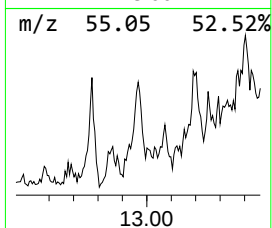
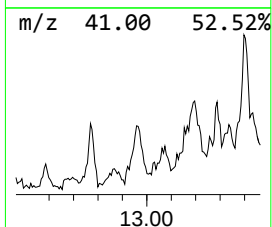
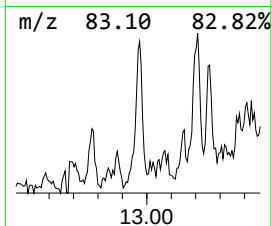
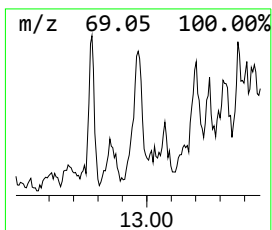
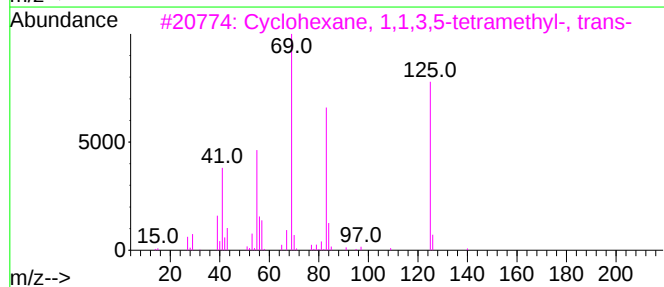
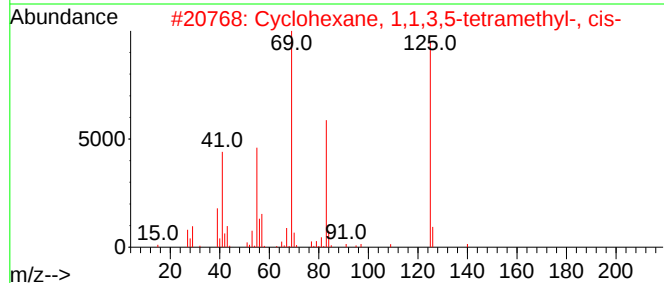
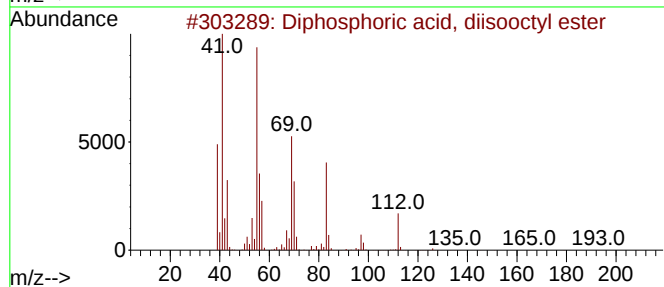
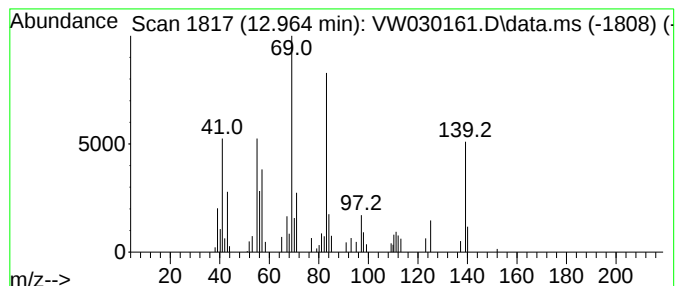
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Quant Title : SFAM01.0

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

Peak Number 5 Diphosphoric acid, diisooct... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.964	3.50 ug/L	49602	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	53
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	50
3			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	50
4			2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	50
5			3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030161.D
Acq On : 19 Sep 2024 20:33
Operator : SY/MD
Sample : P4109-07
Misc : 5.16g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EJ9

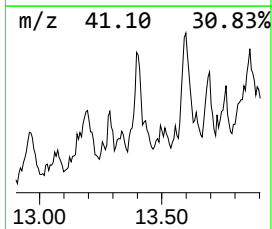
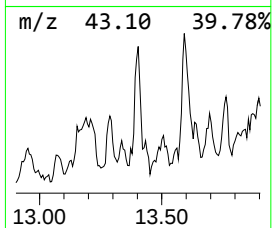
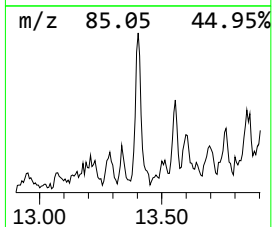
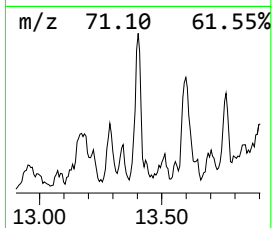
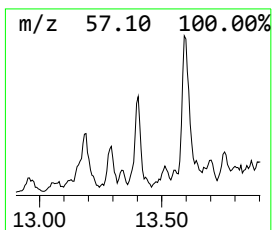
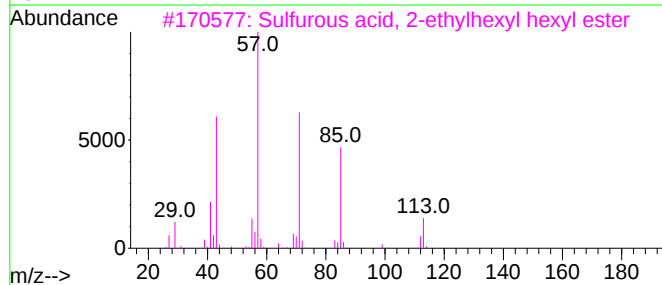
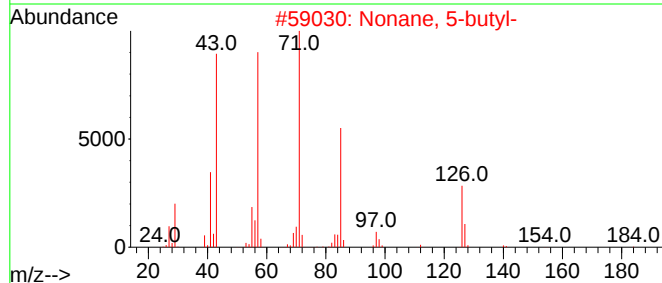
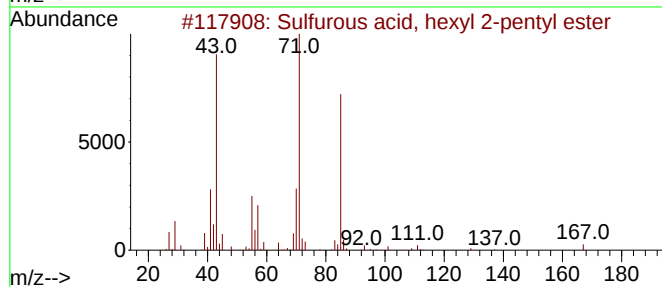
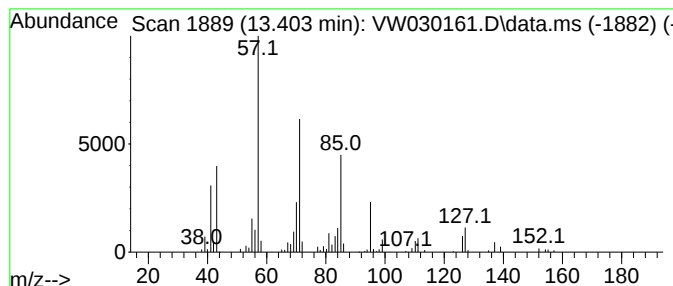
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Quant Title : SFAM01.0

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

Peak Number 6 Sulfurous acid, hexyl 2-pen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.403	6.35 ug/L	89869	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	50
2			Nonane, 5-butyl-	184	C13H28	017312-63-9	47
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47
5			1-Iodoundecane	282	C11H23I	004282-44-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030161.D
Acq On : 19 Sep 2024 20:33
Operator : SY/MD
Sample : P4109-07
Misc : 5.16g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EJ9

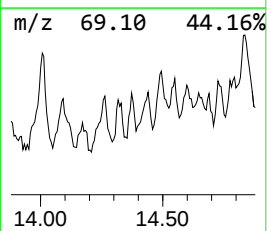
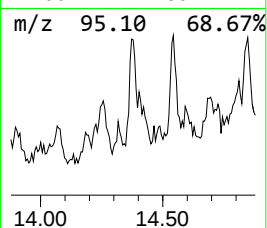
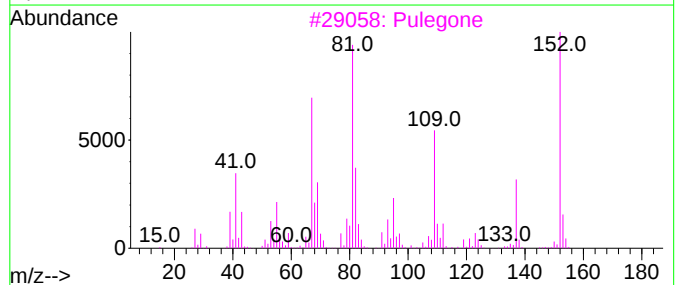
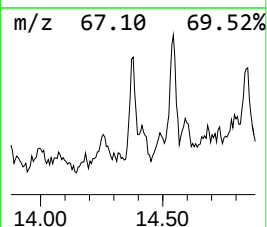
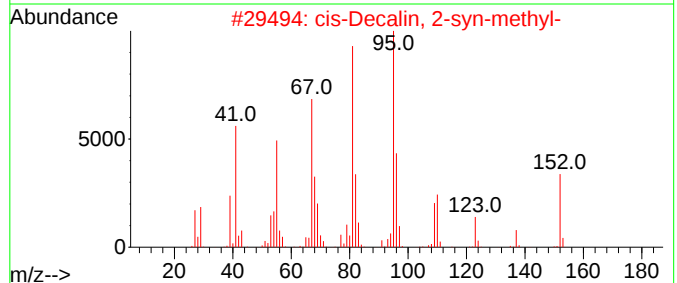
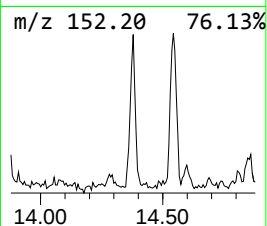
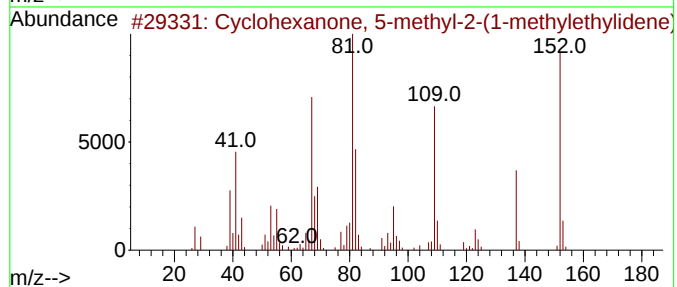
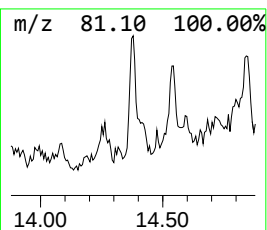
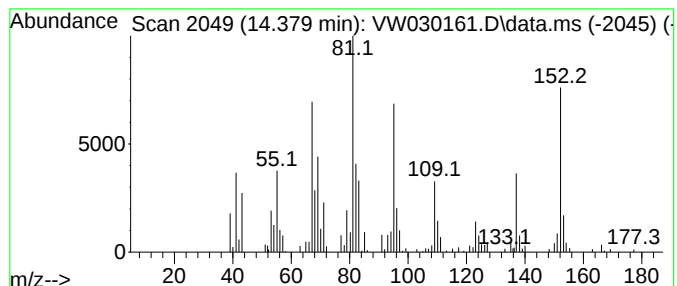
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Quant Title : SFAM01.0

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

Peak Number 7 Cyclohexanone, 5-methyl-2-(... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	4.57 ug/L	64682	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	90
2			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
3			Pulegone	152	C10H16O	000089-82-7	74
4			Pulegone	152	C10H16O	000089-82-7	74
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030161.D
Acq On : 19 Sep 2024 20:33
Operator : SY/MD
Sample : P4109-07
Misc : 5.16g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EJ9

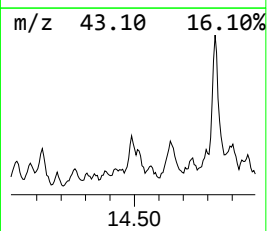
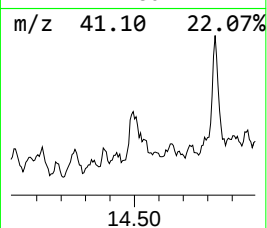
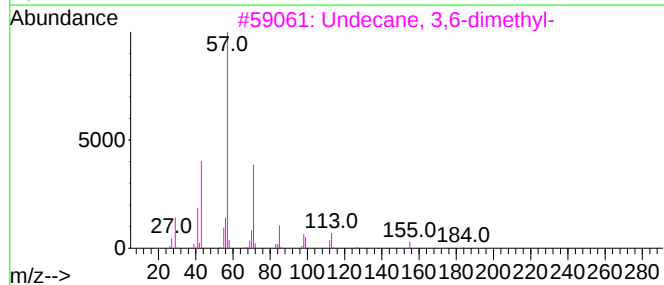
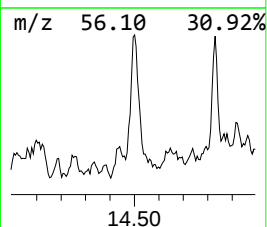
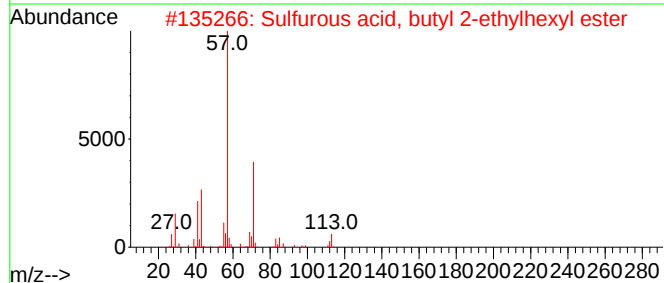
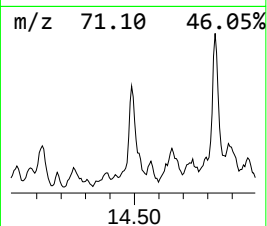
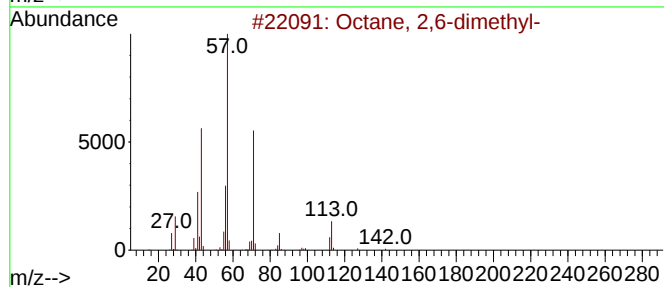
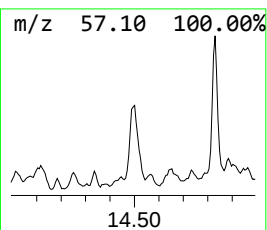
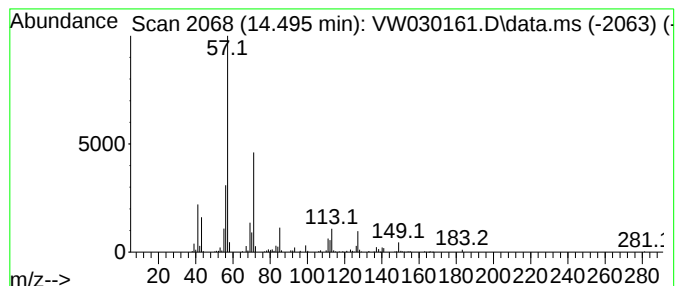
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Quant Title : SFAM01.0

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.
14.495	13.58 ug/L	192318	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030161.D
Acq On : 19 Sep 2024 20:33
Operator : SY/MD
Sample : P4109-07
Misc : 5.16g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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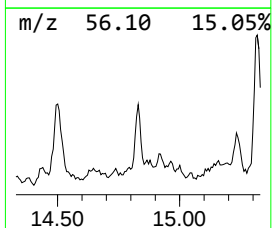
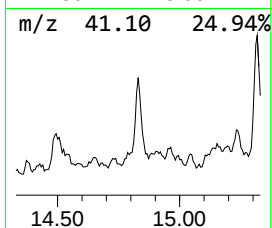
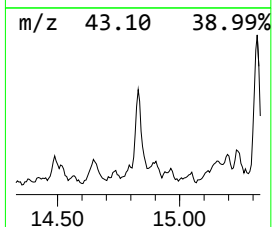
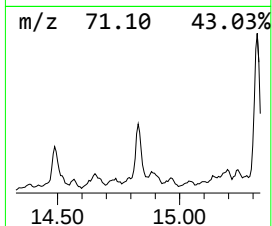
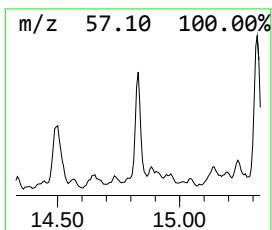
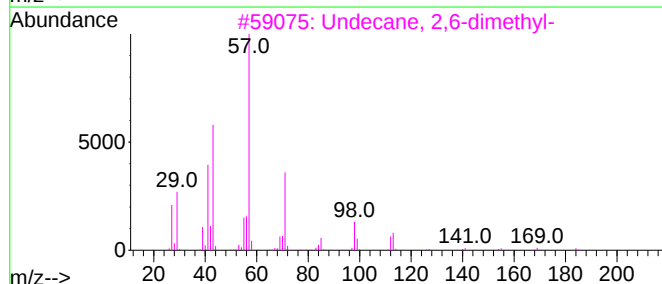
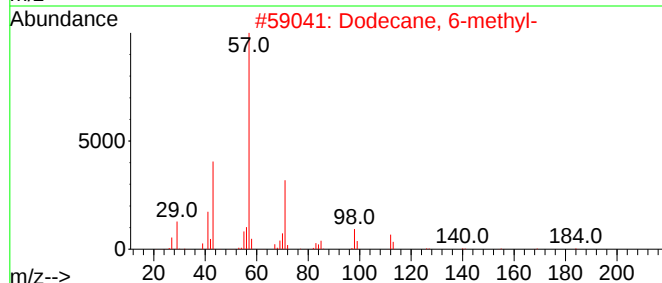
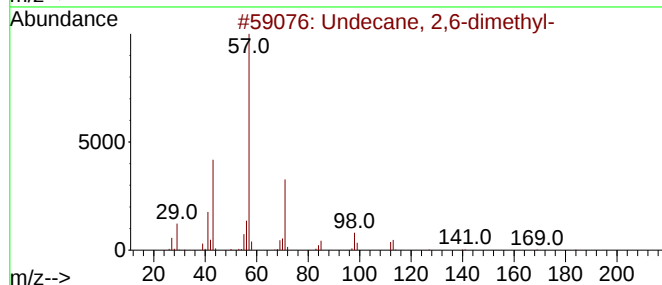
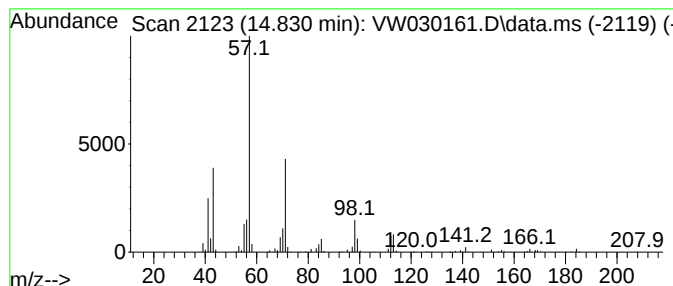
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	16.52 ug/L	233964	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	91
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
5			Undecane, 5-ethyl-	184	C13H28	017453-94-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030161.D
Acq On : 19 Sep 2024 20:33
Operator : SY/MD
Sample : P4109-07
Misc : 5.16g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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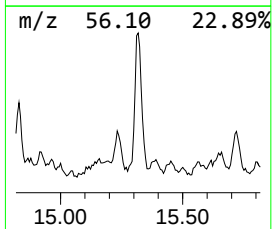
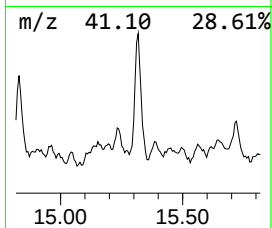
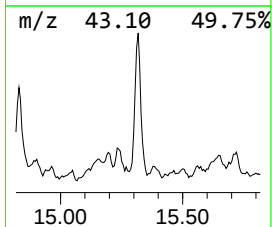
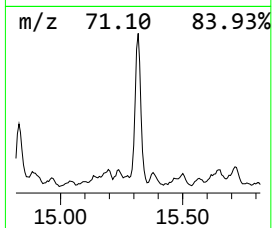
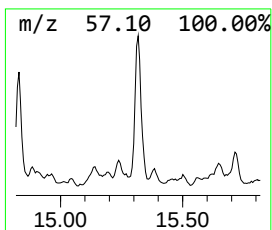
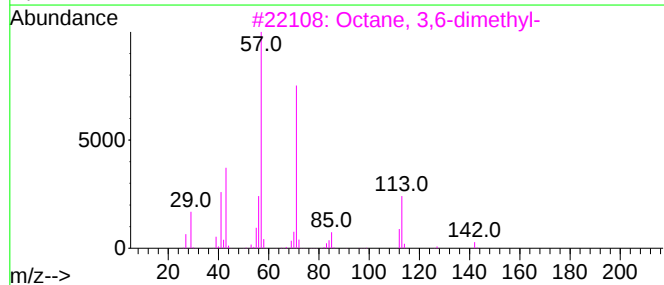
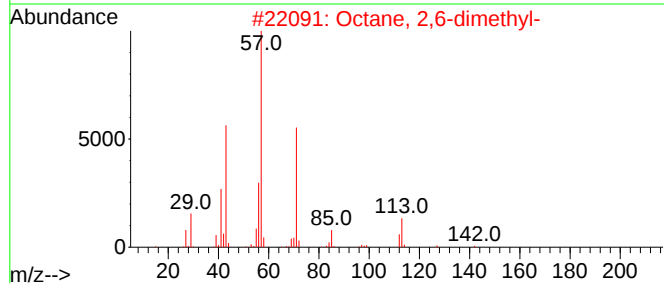
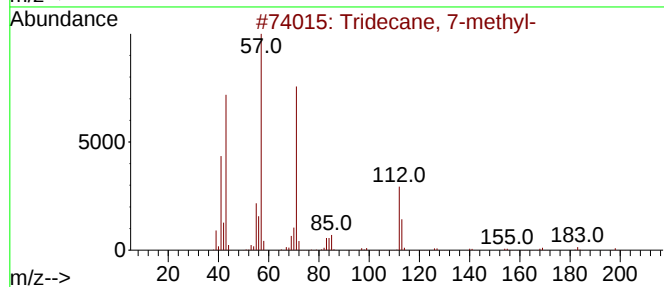
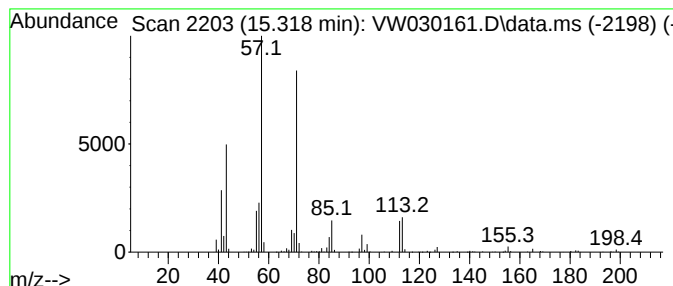
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	28.09 ug/L	397733	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	87
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4			Heptane, 3-[(ethenyl)oxy)methyl]-	156	C10H20O	000103-44-6	64
5			3-Bromooctane	192	C8H17Br	000999-64-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030161.D
Acq On : 19 Sep 2024 20:33
Operator : SY/MD
Sample : P4109-07
Misc : 5.16g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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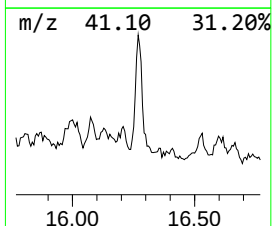
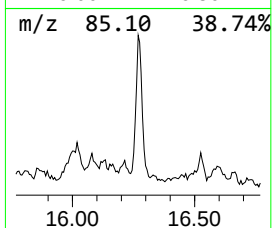
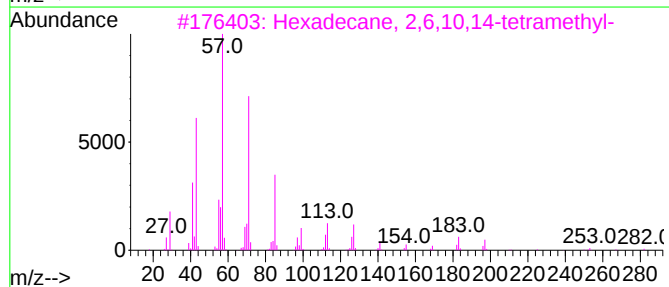
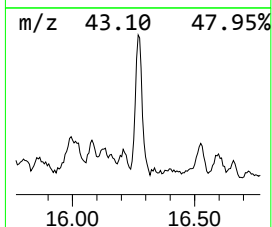
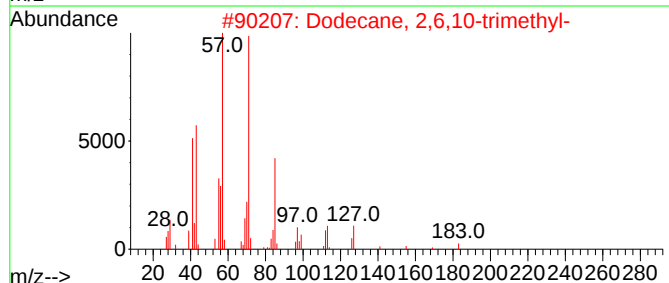
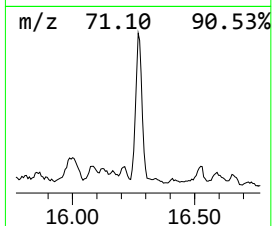
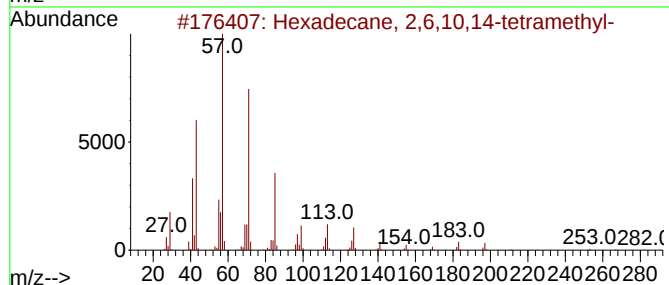
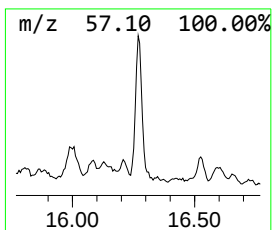
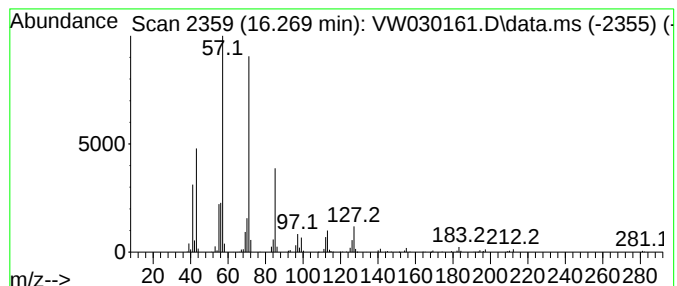
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.269	19.28 ug/L	272912	1,4-Dichlorobenzene-d4	13.550

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030161.D
Acq On : 19 Sep 2024 20:33
Operator : SY/MD
Sample : P4109-07
Misc : 5.16g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EJ9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown-01	12.873	1.6	ug/L	22164	3	13.550	353958	25.0
Diphosphoric ac...	12.964	3.5	ug/L	49602	3	13.550	353958	25.0
Sulfurous acid,...	13.403	6.3	ug/L	89869	3	13.550	353958	25.0
Cyclohexanone, ...	14.379	4.6	ug/L	64682	3	13.550	353958	25.0
(DEL) Alkane: S...	14.495	13.6	ug/L	192318	3	13.550	353958	25.0
(DEL) Alkane: S...	14.830	16.5	ug/L	233964	3	13.550	353958	25.0
(DEL) Alkane: S...	15.318	28.1	ug/L	397733	3	13.550	353958	25.0
(DEL) Alkane: S...	16.269	19.3	ug/L	272912	3	13.550	353958	25.0