

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
 Data File : VW030159.D
 Acq On : 19 Sep 2024 19:45
 Operator : SY/MD
 Sample : P4109-05
 Misc : 4.78g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EH8

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: VW030159.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	69	78	93	rBV	82568	186636	11.27%	1.452%
2	2.497	98	100	102	rBV2	897	728	0.04%	0.006%
3	2.747	139	141	142	rBV2	641	529	0.03%	0.004%
4	2.808	147	151	152	rBV3	988	1332	0.08%	0.010%
5	2.899	158	166	184	rBV2	53709	158346	9.57%	1.232%
6	3.235	218	221	223	rVB2	298	341	0.02%	0.003%
7	3.283	226	229	230	rBV2	266	279	0.02%	0.002%
8	3.399	241	248	253	rBV4	665	1428	0.09%	0.011%
9	3.491	261	263	265	rBV2	208	190	0.01%	0.001%
10	3.722	297	301	303	rBV3	370	523	0.03%	0.004%
11	3.850	319	322	324	rBV	187	201	0.01%	0.002%
12	4.021	338	350	364	rBV	185798	548122	33.11%	4.264%
13	4.137	364	369	379	rVB	13444	37213	2.25%	0.289%
14	4.295	394	395	398	rBV2	160	204	0.01%	0.002%
15	4.381	403	409	410	rBV	2031	2733	0.17%	0.021%
16	4.466	421	423	427	rVB2	454	440	0.03%	0.003%
17	4.503	427	429	432	rBV2	290	286	0.02%	0.002%
18	4.582	439	442	443	rBV	232	233	0.01%	0.002%
19	4.637	449	451	452	rBV2	243	246	0.01%	0.002%
20	4.795	473	477	480	rBV2	178	224	0.01%	0.002%
21	4.923	486	498	510	rVV3	13404	45294	2.74%	0.352%
22	5.009	510	512	516	rVV2	633	949	0.06%	0.007%
23	5.076	519	523	525	rBV	236	268	0.02%	0.002%
24	5.198	540	543	544	rVB	383	270	0.02%	0.002%
25	5.252	550	552	554	rBV2	200	200	0.01%	0.002%
26	5.630	611	614	619	rBV2	134	263	0.02%	0.002%
27	5.716	624	628	629	rBV	174	205	0.01%	0.002%
28	5.795	633	641	649	rBV4	1161	3834	0.23%	0.030%
29	5.947	658	666	674	rBV6	2166	6287	0.38%	0.049%
30	6.325	723	728	730	rBV2	145	229	0.01%	0.002%
31	6.362	733	734	737	rBV2	167	209	0.01%	0.002%
32	6.393	737	739	743	rVB	227	222	0.01%	0.002%
33	6.514	757	759	763	rVB2	258	308	0.02%	0.002%
34	7.002	835	839	840	rBV3	273	343	0.02%	0.003%
35	7.081	843	852	864	rBV2	35293	108126	6.53%	0.841%
36	7.258	879	881	886	rVB4	560	704	0.04%	0.005%

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37	7.429	907	909	912	rVB2	256	355	0.02%	0.003%
38	7.563	929	931	934	rVB2	381	298	0.02%	0.002%
39	7.648	934	945	958	rBV	278294	696838	42.10%	5.421%
40	7.770	963	965	966	rVV	559	542	0.03%	0.004%
41	7.831	974	975	978	rBV	238	216	0.01%	0.002%
42	7.923	986	990	992	rBV3	177	199	0.01%	0.002%
43	7.990	997	1001	1003	rBV2	148	208	0.01%	0.002%
44	8.020	1003	1006	1008	rVB	245	305	0.02%	0.002%
45	8.057	1008	1012	1013	rBV	266	337	0.02%	0.003%
46	8.154	1024	1028	1033	rBV5	548	840	0.05%	0.007%
47	8.276	1036	1048	1066	rBV2	574793	1655337	100.00%	12.877%
48	8.471	1078	1080	1082	rVB2	605	363	0.02%	0.003%
49	8.557	1091	1094	1096	rBV3	499	556	0.03%	0.004%
50	8.581	1096	1098	1101	rVB2	503	432	0.03%	0.003%
51	8.630	1101	1106	1111	rVB3	554	927	0.06%	0.007%
52	8.697	1111	1117	1123	rBV5	913	2361	0.14%	0.018%
53	8.843	1132	1141	1163	rVV	783008	1539810	93.02%	11.978%
54	8.984	1163	1164	1167	rVV2	269	270	0.02%	0.002%
55	9.014	1167	1169	1173	rVB3	422	434	0.03%	0.003%
56	9.069	1173	1178	1187	rBV7	1876	4773	0.29%	0.037%
57	9.270	1201	1211	1229	rBV	370675	771874	46.63%	6.004%
58	9.605	1259	1266	1272	rVB4	1497	2927	0.18%	0.023%
59	9.672	1272	1277	1281	rBV3	823	1247	0.08%	0.010%
60	9.752	1284	1290	1297	rVB4	2513	5231	0.32%	0.041%
61	9.898	1301	1314	1317	rBV3	2032	3480	0.21%	0.027%
62	9.947	1317	1322	1326	rBV5	1094	2003	0.12%	0.016%
63	10.032	1327	1336	1350	rBV	193491	359076	21.69%	2.793%
64	10.209	1363	1365	1366	rBV2	708	561	0.03%	0.004%
65	10.239	1368	1370	1375	rVB4	1038	1698	0.10%	0.013%
66	10.325	1375	1384	1399	rBV	775078	1408008	85.06%	10.953%
67	10.508	1407	1414	1418	rVB4	2955	7155	0.43%	0.056%
68	10.575	1418	1425	1435	rBV	116229	211636	12.79%	1.646%
69	10.666	1437	1440	1442	rVV4	3769	5626	0.34%	0.044%
70	10.697	1443	1445	1451	rVB	6560	9803	0.59%	0.076%
71	10.758	1451	1455	1459	rBV6	2259	4002	0.24%	0.031%
72	10.849	1465	1470	1474	rVB6	2794	4855	0.29%	0.038%
73	10.922	1474	1482	1492	rBV	169800	294115	17.77%	2.288%
74	11.032	1496	1500	1509	rVV3	4464	10349	0.63%	0.081%
75	11.111	1509	1513	1516	rVV6	1534	2361	0.14%	0.018%
76	11.178	1520	1524	1527	rVV2	4551	6998	0.42%	0.054%

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77	11.227	1527	1532	1538	rVB2	15497	29439	1.78%	0.229%
78	11.282	1538	1541	1544	rBV5	1800	2423	0.15%	0.019%
79	11.331	1544	1549	1553	rBV3	7644	13323	0.80%	0.104%
80	11.428	1562	1565	1572	rVB4	8025	14143	0.85%	0.110%
81	11.501	1573	1577	1583	rBV4	3593	6912	0.42%	0.054%
82	11.629	1590	1598	1608	rBV	971346	1620046	97.87%	12.602%
83	11.764	1616	1620	1623	rBV4	4302	5949	0.36%	0.046%
84	11.812	1623	1628	1633	rVV7	4040	7752	0.47%	0.060%
85	11.873	1633	1638	1641	rBV	10846	17311	1.05%	0.135%
86	11.971	1649	1654	1662	rBV8	3909	11147	0.67%	0.087%
87	12.135	1673	1681	1688	rBV4	17209	42865	2.59%	0.333%
88	12.245	1696	1699	1704	rVB	17208	25962	1.57%	0.202%
89	12.361	1704	1718	1726	rBV4	27321	110083	6.65%	0.856%
90	12.690	1764	1772	1779	rBV	259635	434659	26.26%	3.381%
91	12.776	1782	1786	1792	rVB2	30162	51880	3.13%	0.404%
92	12.855	1792	1799	1804	rBV8	13954	32626	1.97%	0.254%
93	12.934	1806	1812	1817	rBV5	27175	58296	3.52%	0.453%
94	13.074	1831	1835	1839	rBV3	11529	18695	1.13%	0.145%
95	13.160	1846	1849	1857	rVB3	14976	29355	1.77%	0.228%
96	13.556	1907	1914	1927	rBV	671043	1135056	68.57%	8.830%
97	13.849	1956	1962	1971	rBV	453638	813536	49.15%	6.329%
98	14.379	2045	2049	2053	rBV3	29499	42053	2.54%	0.327%
99	15.318	2199	2203	2210	rVB2	57645	93378	5.64%	0.726%
100	16.269	2355	2359	2368	rVB2	59821	111808	6.75%	0.870%

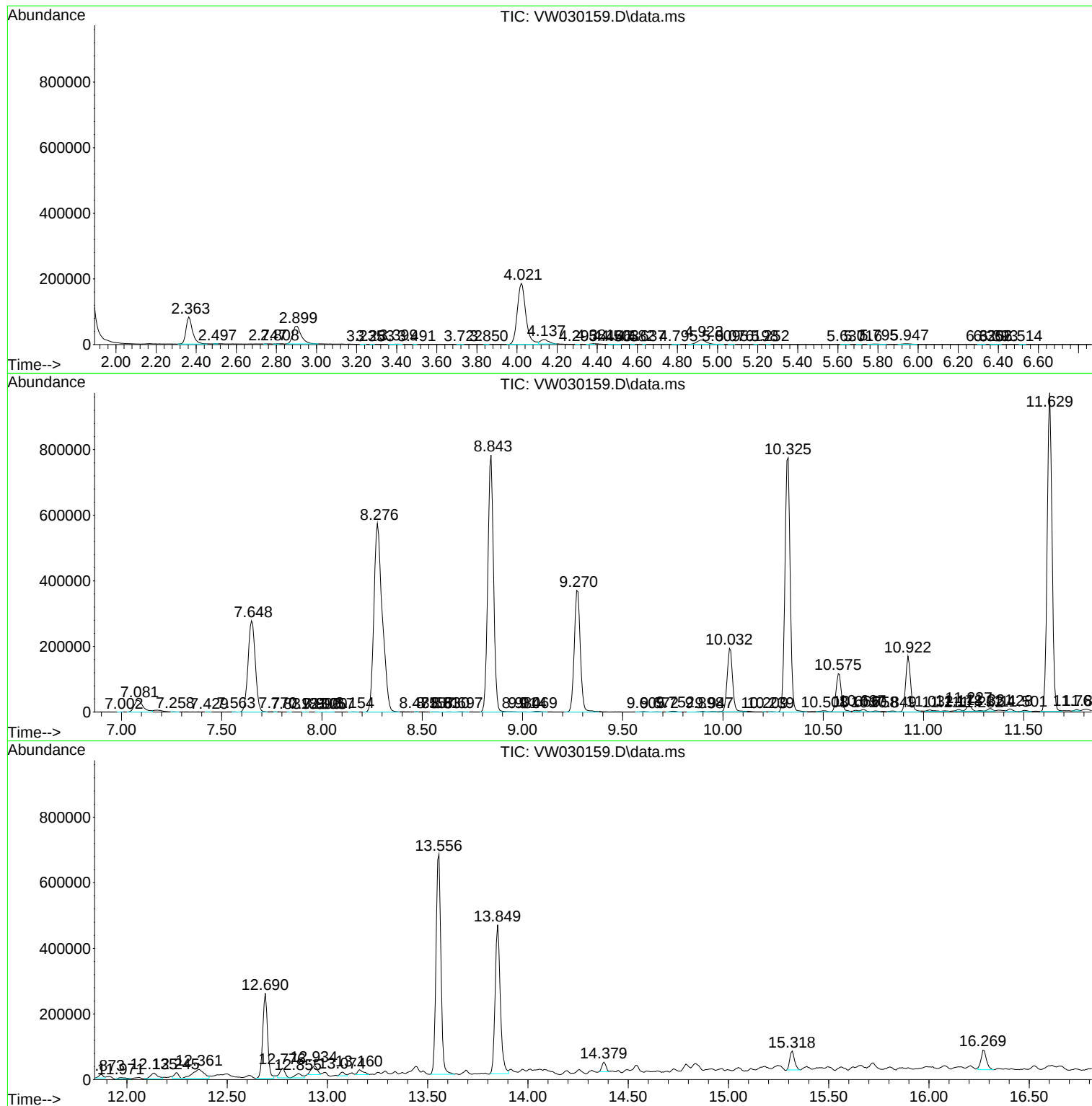
Sum of corrected areas: 12855048

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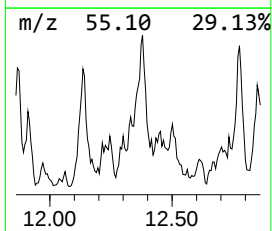
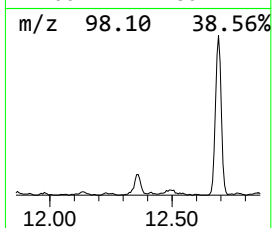
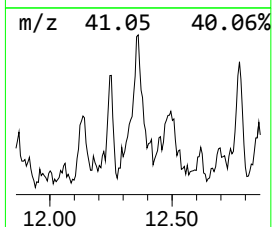
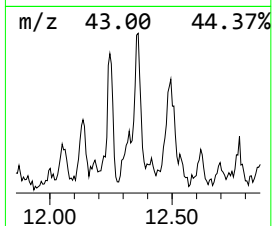
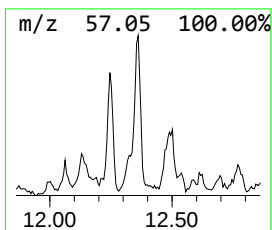
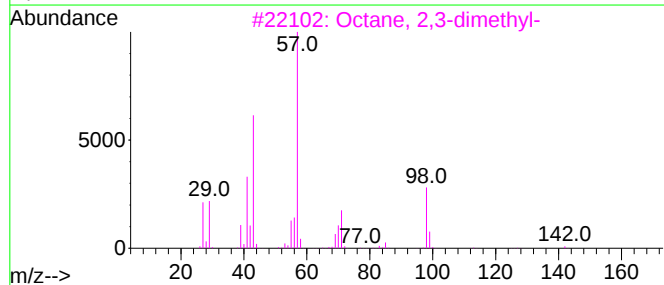
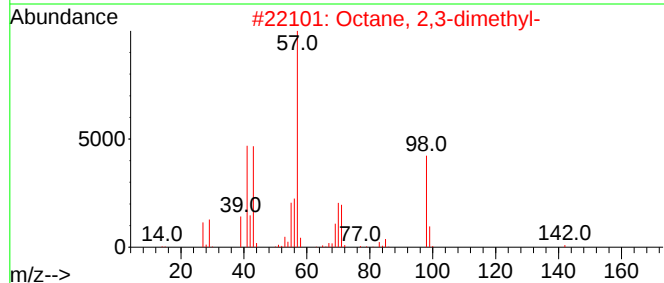
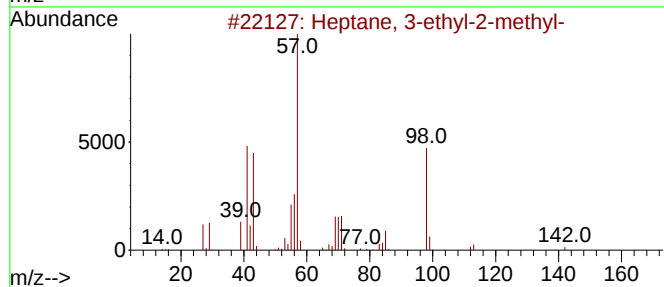
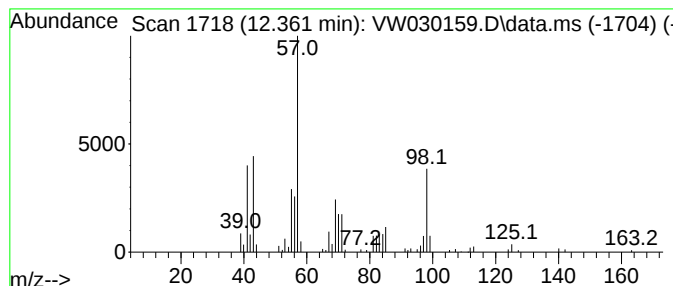
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	1.70 ug/L	110083	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	87
2			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	68
3			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
4			Heptane, 4-propyl-	142	C10H22	003178-29-8	53
5			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53



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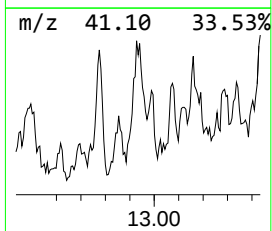
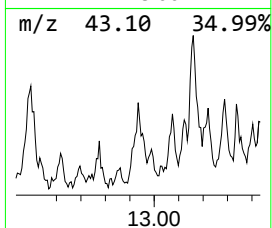
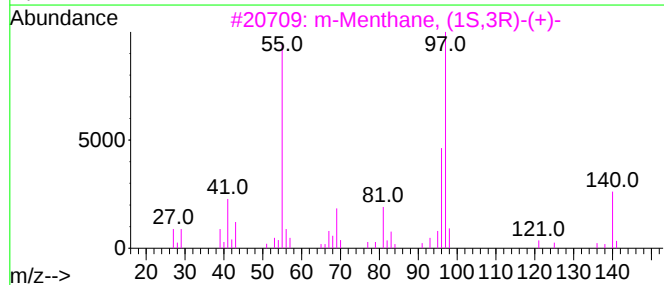
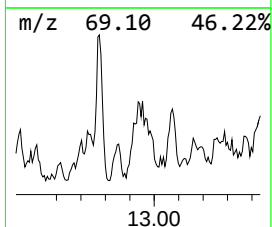
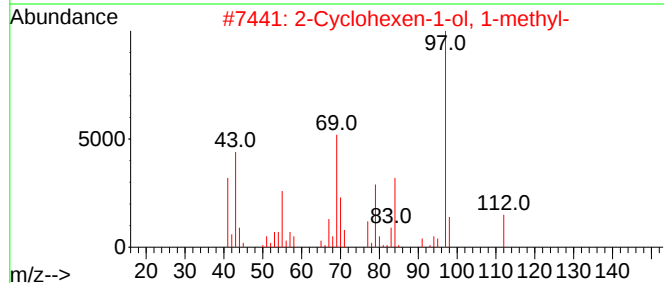
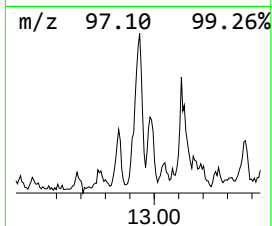
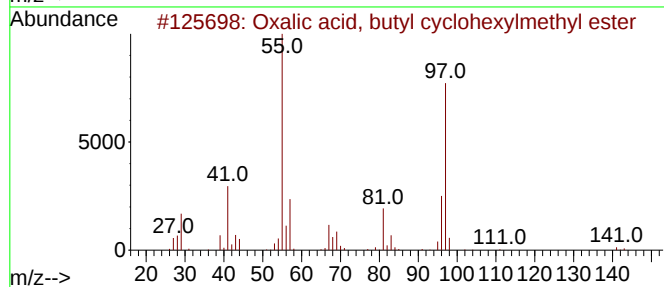
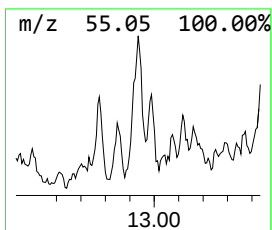
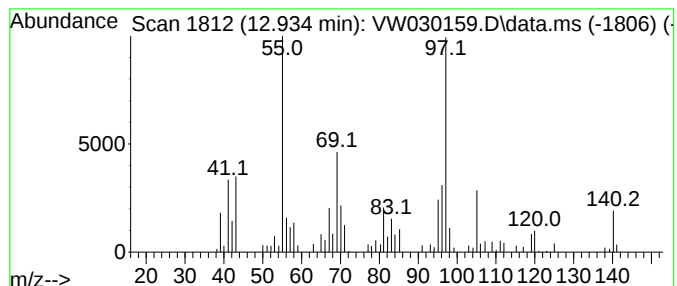
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	1.28 ug/L	58296	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	47
2			2-Cyclohexen-1-ol, 1-methyl-	112	C7H12O	023758-27-2	46
3			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	46
4			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	45
5			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	43



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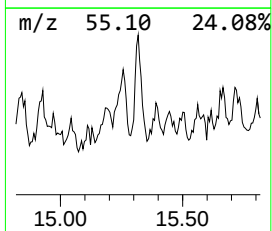
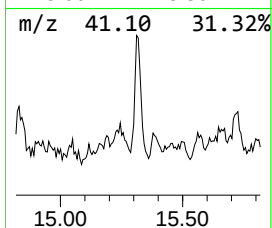
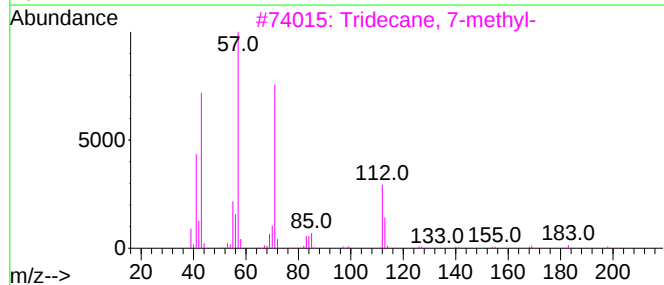
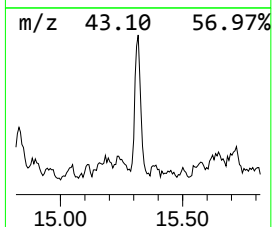
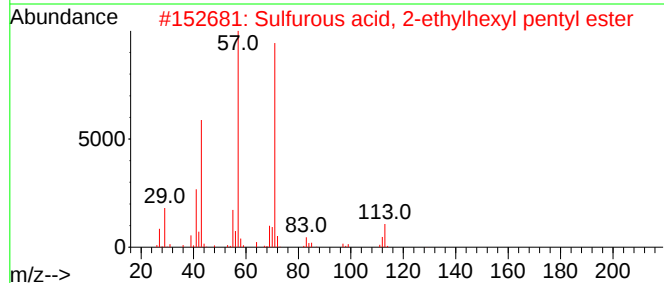
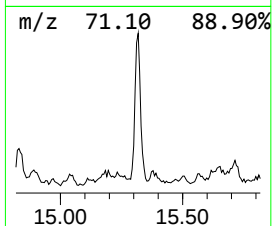
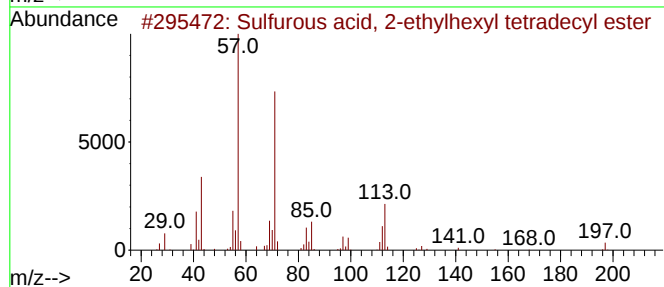
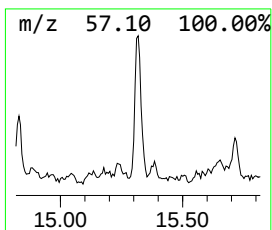
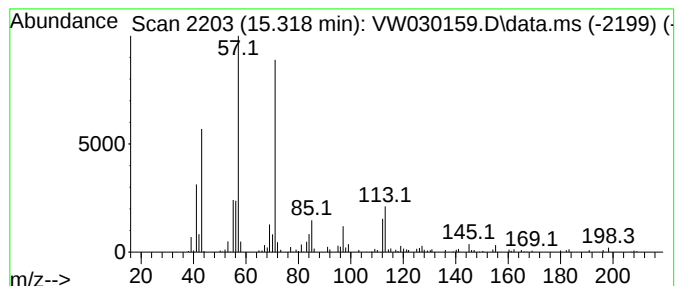
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Sulfurous acid, 2-ethylhexy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	2.06 ug/L	93378	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	80
2			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
3			Tridecane, 7-methyl-	198	C14H30	026730-14-3	59
4			Octane, 2-bromo-	192	C8H17Br	000557-35-7	59
5			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030159.D
Acq On : 19 Sep 2024 19:45
Operator : SY/MD
Sample : P4109-05
Misc : 4.78g/10mL/MSVOA_W/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH8

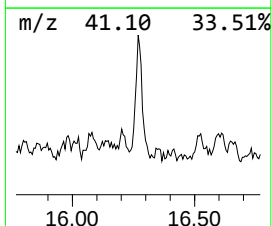
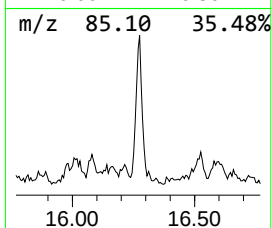
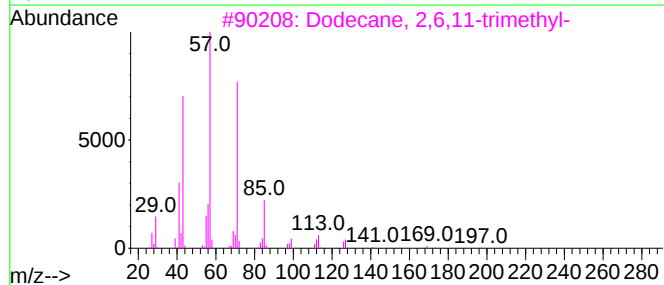
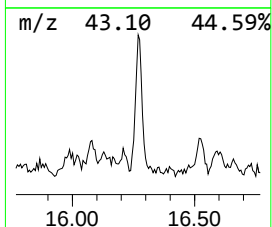
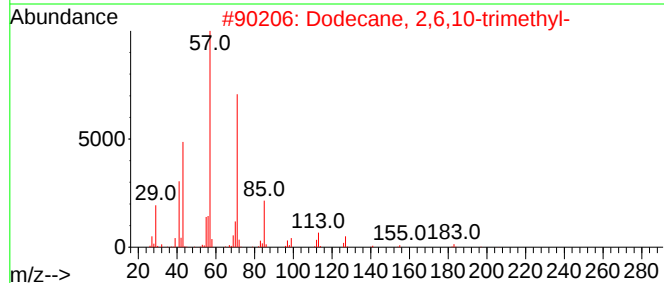
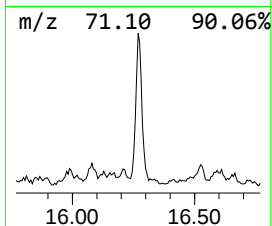
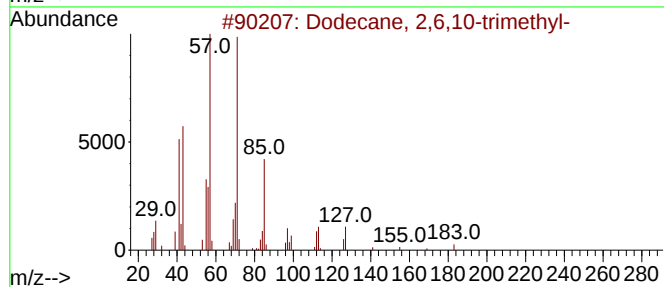
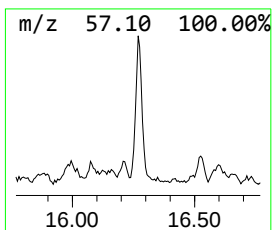
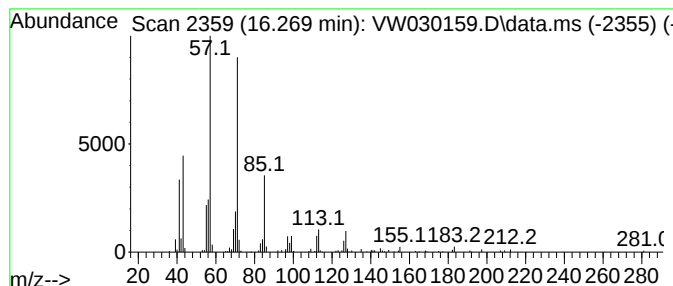
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.269	2.46 ug/L	111808	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4			Eicosyl octyl ether	410	C28H58O	1000406-38-8	72
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030159.D
Acq On : 19 Sep 2024 19:45
Operator : SY/MD
Sample : P4109-05
Misc : 4.78g/10mL/MSVOA_W/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH8

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
(DEL) Alkane: S...	12.361	1.7	ug/L	110083	2	11.629	1620050	25.0
unknown-01	12.934	1.3	ug/L	58296	3	13.550	1135060	25.0
Sulfurous acid,...	15.318	2.1	ug/L	93378	3	13.550	1135060	25.0
(DEL) Alkane: S...	16.269	2.5	ug/L	111808	3	13.550	1135060	25.0