

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
 Data File : VW029862.D
 Acq On : 08 Aug 2024 15:14
 Operator : SY/MD
 Sample : P3481-12
 Misc : 4.52g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0AE6

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\SFAMWLM072424SMA.M
 Title : SFAM01.0

Signal : TIC: VW029862.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.179	42	48	50	rBV2	3119	5418	0.82%	0.119%
2	2.234	55	57	59	rVV3	1136	1034	0.16%	0.023%
3	2.362	69	78	87	rVV	14945	35627	5.39%	0.783%
4	2.557	109	110	112	rBV2	885	851	0.13%	0.019%
5	2.655	124	126	127	rBV2	1238	892	0.13%	0.020%
6	2.893	158	165	179	rBV2	14295	41652	6.30%	0.915%
7	3.027	184	187	191	rVB6	1950	2800	0.42%	0.062%
8	3.130	201	204	216	rVB7	3671	8568	1.30%	0.188%
9	3.393	240	247	253	rBV6	1734	4153	0.63%	0.091%
10	3.594	279	280	284	rVB3	683	505	0.08%	0.011%
11	3.923	329	334	339	rVB7	662	1479	0.22%	0.032%
12	4.021	339	350	360	rBV	25635	75832	11.47%	1.666%
13	4.130	361	368	381	rVV	25224	67355	10.19%	1.480%
14	4.398	401	412	418	rBV2	1902	6751	1.02%	0.148%
15	4.447	418	420	423	rVV2	608	741	0.11%	0.016%
16	4.917	488	497	508	rBV3	6837	26836	4.06%	0.590%
17	4.990	508	509	511	rVB2	886	538	0.08%	0.012%
18	5.087	522	525	529	rBV3	515	802	0.12%	0.018%
19	5.185	539	541	543	rVV3	480	553	0.08%	0.012%
20	5.374	569	572	574	rVB	514	577	0.09%	0.013%
21	5.423	579	580	584	rVV2	607	769	0.12%	0.017%
22	5.715	625	628	629	rBV2	519	549	0.08%	0.012%
23	5.776	635	638	640	rBV2	709	835	0.13%	0.018%
24	5.813	642	644	647	rVB4	815	872	0.13%	0.019%
25	5.929	655	663	664	rBV3	2110	2951	0.45%	0.065%
26	5.953	664	667	673	rVB5	1988	3654	0.55%	0.080%
27	6.173	700	703	706	rBV3	440	662	0.10%	0.015%
28	6.410	735	742	747	rBV3	625	793	0.12%	0.017%
29	6.465	747	751	755	rBV4	592	1233	0.19%	0.027%
30	6.770	797	801	804	rBV3	382	682	0.10%	0.015%
31	6.953	828	831	833	rBV4	462	592	0.09%	0.013%
32	6.989	835	837	839	rVV3	549	523	0.08%	0.011%
33	7.014	839	841	843	rVB3	740	630	0.10%	0.014%
34	7.087	843	853	862	rBV	33427	102856	15.56%	2.260%
35	7.178	863	868	882	rVB	11328	34063	5.15%	0.748%
36	7.441	908	911	914	rVB4	437	525	0.08%	0.012%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
 Data File : VW029862.D
 Acq On : 08 Aug 2024 15:14
 Operator : SY/MD
 Sample : P3481-12
 Misc : 4.52g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0AE6

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\SFAMWLM072424SMA.M
 Title : SFAM01.0

37	7.587	932	935	936	rVV3	584	499	0.08%	0.011%
38	7.648	936	945	958	rVV	91496	231331	35.00%	5.082%
39	7.758	961	963	969	rVB5	398	621	0.09%	0.014%
40	7.806	969	971	975	rVB2	655	581	0.09%	0.013%
41	7.959	987	996	1001	rVB7	1906	5462	0.83%	0.120%
42	8.154	1023	1028	1037	rVB7	1127	2517	0.38%	0.055%
43	8.276	1037	1048	1067	rBV2	130739	439996	66.58%	9.667%
44	8.477	1074	1081	1089	rBV3	4236	9923	1.50%	0.218%
45	8.556	1092	1094	1096	rBV3	518	519	0.08%	0.011%
46	8.636	1106	1107	1110	rVB3	625	573	0.09%	0.013%
47	8.697	1110	1117	1125	rBV9	1772	5103	0.77%	0.112%
48	8.776	1125	1130	1131	rBV5	466	680	0.10%	0.015%
49	8.843	1133	1141	1152	rBV	333617	660895	100.00%	14.520%
50	9.068	1171	1178	1187	rVB2	9900	22003	3.33%	0.483%
51	9.203	1196	1200	1203	rBV5	540	628	0.10%	0.014%
52	9.276	1203	1212	1220	rBV	125526	265325	40.15%	5.829%
53	9.379	1227	1229	1232	rVB4	779	726	0.11%	0.016%
54	9.434	1237	1238	1240	rBV2	773	604	0.09%	0.013%
55	9.459	1240	1242	1246	rVB4	664	684	0.10%	0.015%
56	9.513	1246	1251	1255	rBV6	950	1563	0.24%	0.034%
57	9.666	1271	1276	1280	rVV4	2043	3179	0.48%	0.070%
58	9.702	1280	1282	1284	rVB3	757	624	0.09%	0.014%
59	9.757	1286	1291	1295	rBV5	915	1748	0.26%	0.038%
60	9.837	1302	1304	1305	rBV2	849	673	0.10%	0.015%
61	9.873	1307	1310	1311	rBV3	739	768	0.12%	0.017%
62	9.891	1311	1313	1317	rVB5	1264	1432	0.22%	0.031%
63	9.946	1318	1322	1323	rBV4	847	1040	0.16%	0.023%
64	10.038	1330	1337	1345	rVV	47314	91056	13.78%	2.001%
65	10.129	1348	1352	1356	rVV7	1778	3474	0.53%	0.076%
66	10.166	1356	1358	1359	rVB2	854	577	0.09%	0.013%
67	10.239	1369	1370	1375	rVB5	706	960	0.15%	0.021%
68	10.324	1375	1384	1390	rBV	131787	233254	35.29%	5.125%
69	10.391	1390	1395	1400	rVB	2956	6138	0.93%	0.135%
70	10.489	1407	1411	1412	rBV4	1349	1768	0.27%	0.039%
71	10.580	1419	1426	1434	rBV	31413	56530	8.55%	1.242%
72	10.702	1444	1446	1449	rVB2	2350	1952	0.30%	0.043%
73	10.751	1452	1454	1455	rBV2	773	668	0.10%	0.015%
74	10.769	1455	1457	1460	rBV4	644	711	0.11%	0.016%
75	10.842	1466	1469	1476	rVB8	1405	3689	0.56%	0.081%
76	10.922	1476	1482	1494	rBV	117641	215556	32.62%	4.736%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
 Data File : VW029862.D
 Acq On : 08 Aug 2024 15:14
 Operator : SY/MD
 Sample : P3481-12
 Misc : 4.52g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0AE6

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\SFAMWLM072424SMA.M
 Title : SFAM01.0

77	11.080	1506	1508	1511	rBV4	840	590	0.09%	0.013%
78	11.178	1521	1524	1526	rBV4	1882	2232	0.34%	0.049%
79	11.379	1555	1557	1560	rBV4	1905	2490	0.38%	0.055%
80	11.507	1576	1578	1581	rVB4	1766	1345	0.20%	0.030%
81	11.629	1591	1598	1609	rVB	364535	616203	93.24%	13.538%
82	12.123	1673	1679	1680	rBV6	4028	6102	0.92%	0.134%
83	12.360	1713	1718	1725	rVB2	13622	23411	3.54%	0.514%
84	12.598	1749	1757	1765	rBV5	20172	55191	8.35%	1.213%
85	12.690	1766	1772	1779	rVV	131834	220755	33.40%	4.850%
86	12.775	1783	1786	1790	rVB4	10306	16123	2.44%	0.354%
87	12.854	1796	1799	1803	rBV5	4860	6779	1.03%	0.149%
88	12.940	1808	1813	1814	rBV4	9664	15270	2.31%	0.335%
89	13.074	1830	1835	1839	rBV7	7889	15670	2.37%	0.344%
90	13.184	1851	1853	1860	rVB2	14383	21450	3.25%	0.471%
91	13.293	1868	1871	1877	rVB	10349	15051	2.28%	0.331%
92	13.403	1885	1889	1893	rBV	22101	31148	4.71%	0.684%
93	13.555	1908	1914	1918	rBV	220004	339392	51.35%	7.457%
94	13.696	1933	1937	1941	rBV5	12561	24954	3.78%	0.548%
95	13.848	1956	1962	1970	rBV2	113854	226379	34.25%	4.974%
96	14.061	1993	1997	2004	rVB2	22755	36370	5.50%	0.799%
97	14.372	2046	2048	2054	rVB6	9333	12771	1.93%	0.281%
98	14.494	2063	2068	2073	rBV3	22054	50942	7.71%	1.119%
99	15.317	2199	2203	2210	rVB2	27483	52642	7.97%	1.157%
100	16.268	2356	2359	2368	rVB3	23031	47140	7.13%	1.036%

Sum of corrected areas: 4551583

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
Data File : VW029862.D
Acq On : 08 Aug 2024 15:14
Operator : SY/MD
Sample : P3481-12
Misc : 4.52g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AE6

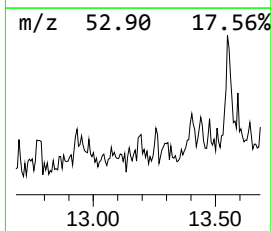
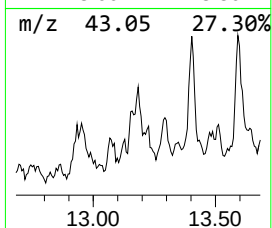
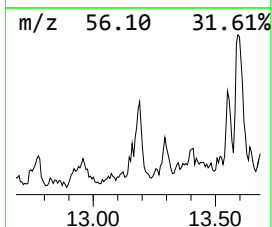
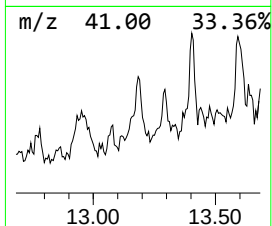
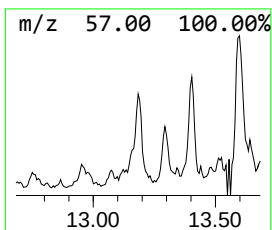
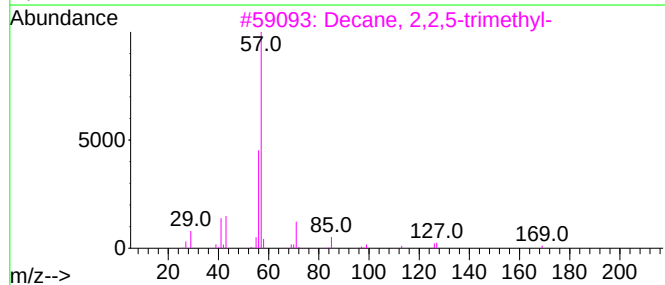
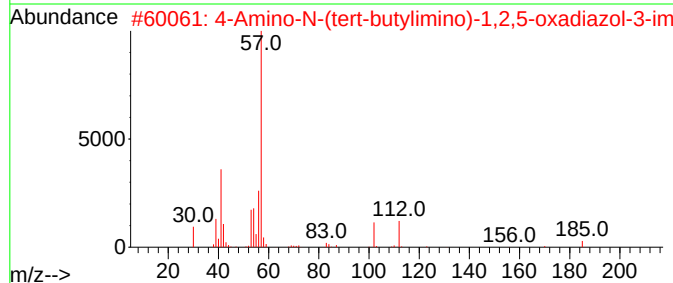
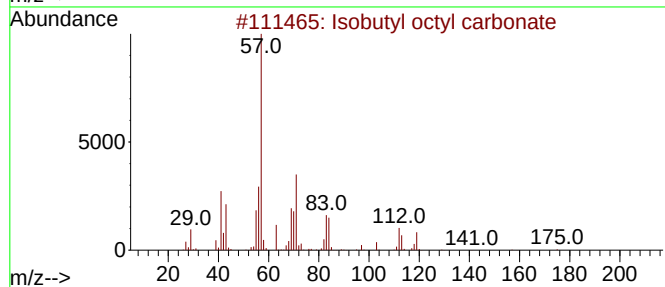
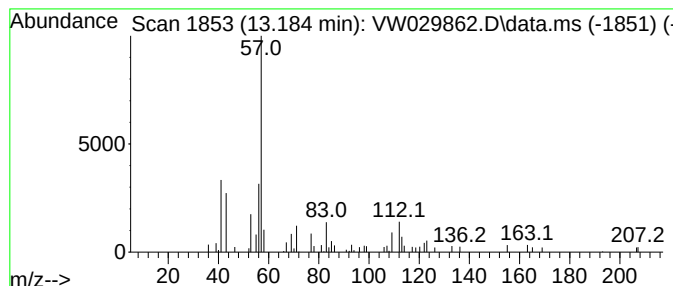
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.184	1.58 ug/L	21450	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl octyl carbonate	230	C13H26O3	1010372-74-6	43
2			4-Amino-N-(tert-butylimino)-1,2,...	185	C6H11N5O2	1000387-03-9	43
3			Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	37
4			Carbonic acid, butyl octyl ester	230	C13H26O3	1010314-63-5	33
5			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
Data File : VW029862.D
Acq On : 08 Aug 2024 15:14
Operator : SY/MD
Sample : P3481-12
Misc : 4.52g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AE6

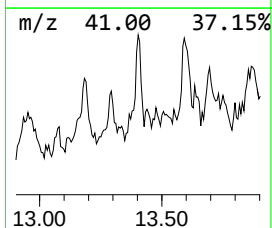
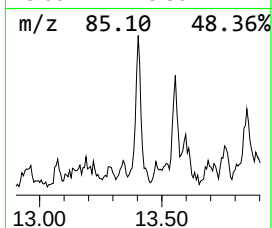
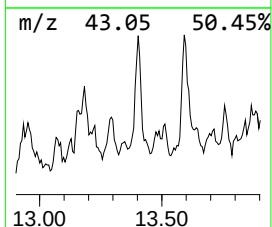
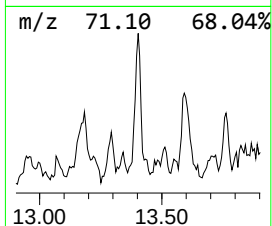
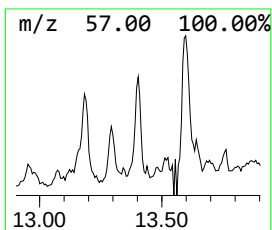
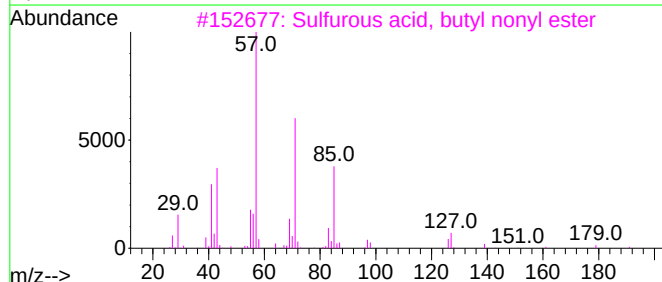
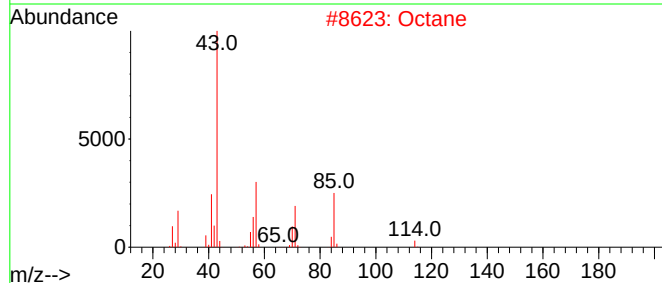
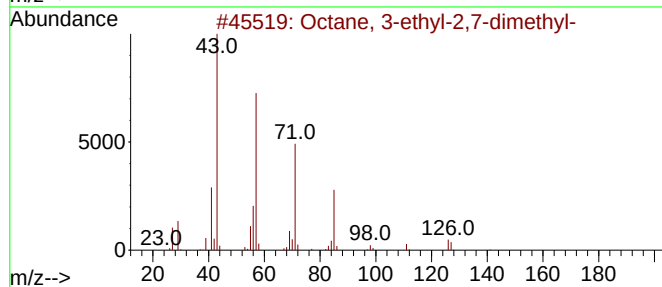
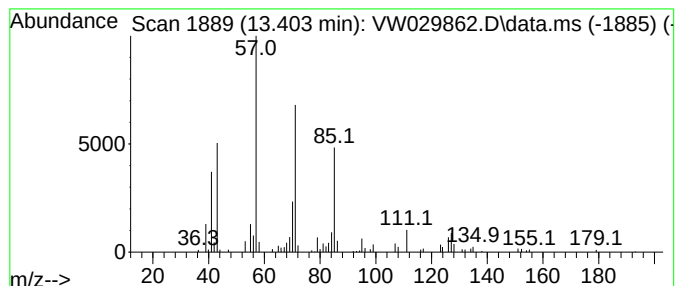
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.403	2.29 ug/L	31148	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64		
2	Octane	114	C8H18	000111-65-9	59		
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53		
4	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	50		
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
Data File : VW029862.D
Acq On : 08 Aug 2024 15:14
Operator : SY/MD
Sample : P3481-12
Misc : 4.52g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AE6

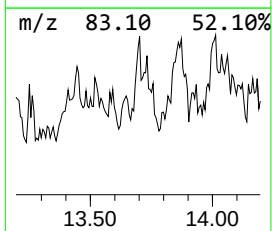
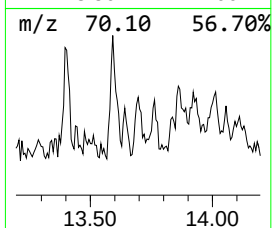
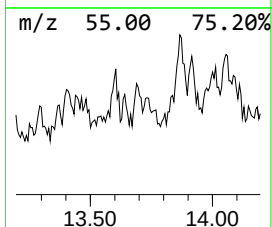
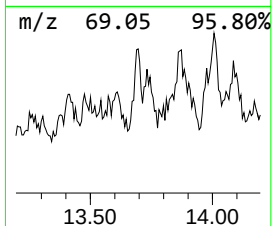
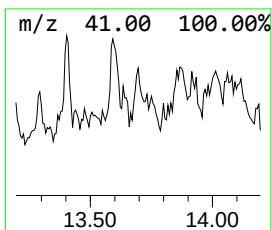
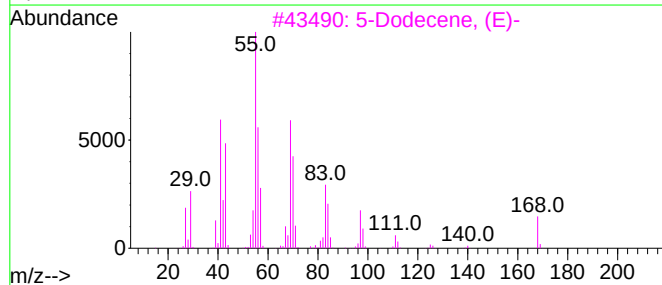
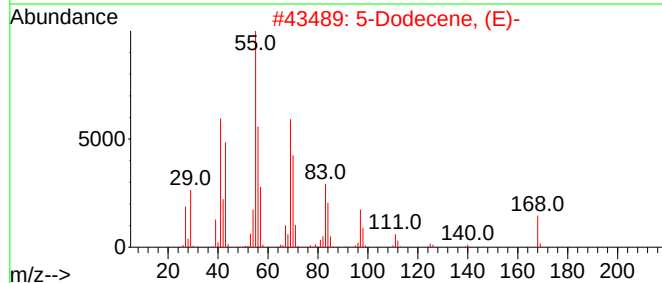
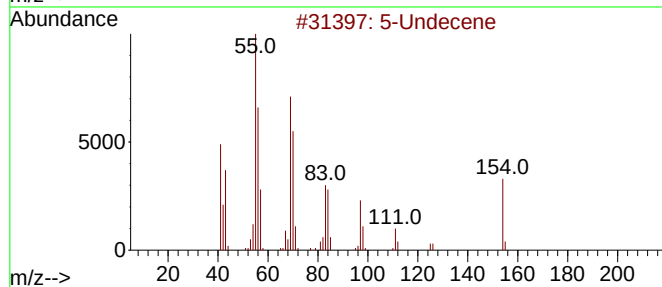
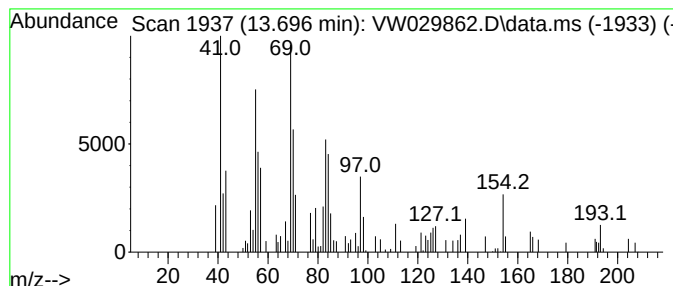
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	1.84 ug/L	24954	1,4-Dichlorobenzene-d4	13.555

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecene		154	C11H22	004941-53-1	94
2	5-Dodecene, (E)-		168	C12H24	007206-16-8	93
3	5-Dodecene, (E)-		168	C12H24	007206-16-8	93
4	1-Dodecene		168	C12H24	000112-41-4	89
5	4-Undecene, (E)-		154	C11H22	000693-62-9	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
Data File : VW029862.D
Acq On : 08 Aug 2024 15:14
Operator : SY/MD
Sample : P3481-12
Misc : 4.52g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AE6

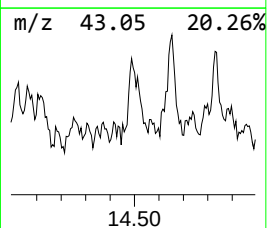
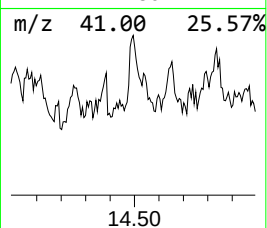
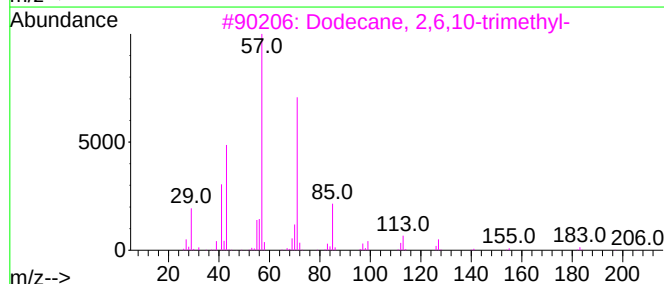
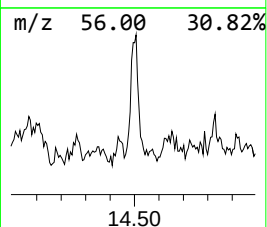
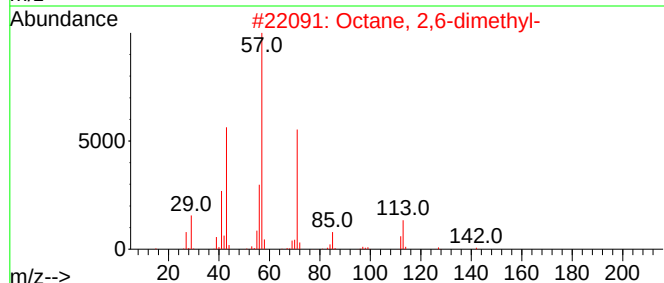
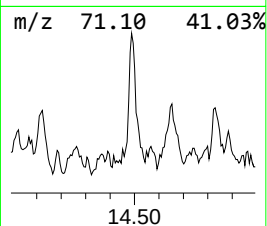
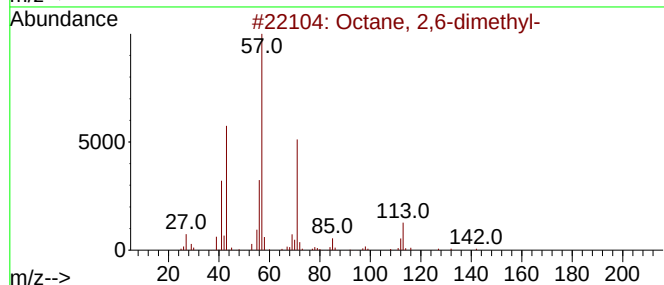
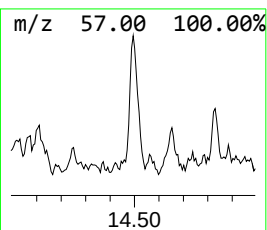
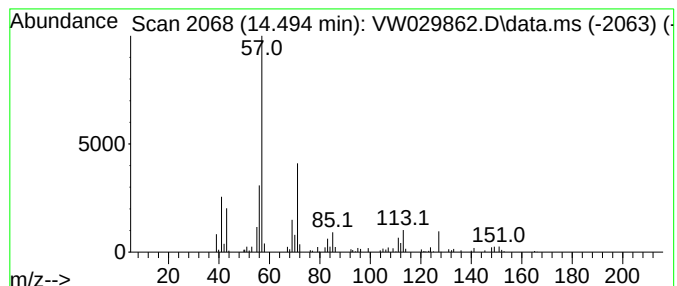
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.494	3.75 ug/L	50942	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
Data File : VW029862.D
Acq On : 08 Aug 2024 15:14
Operator : SY/MD
Sample : P3481-12
Misc : 4.52g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AE6

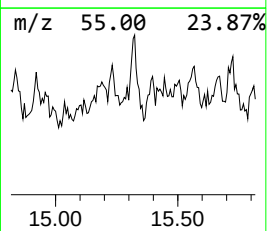
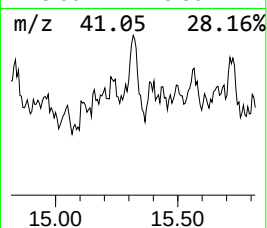
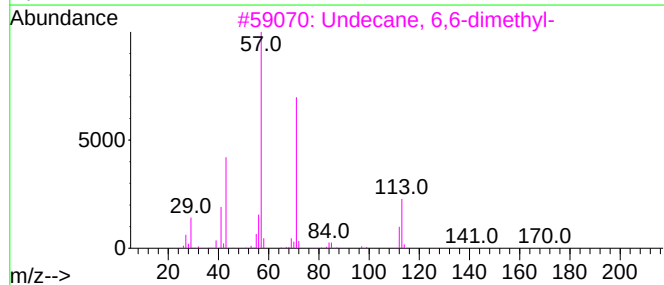
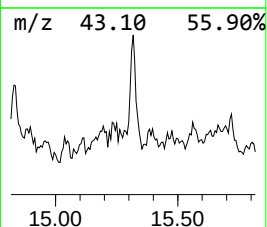
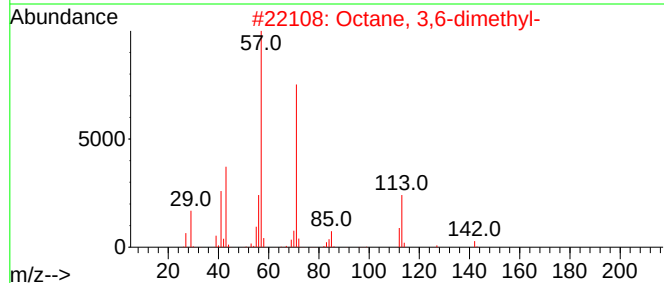
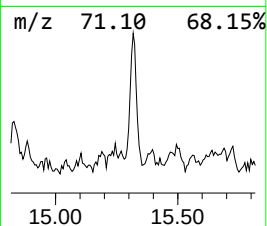
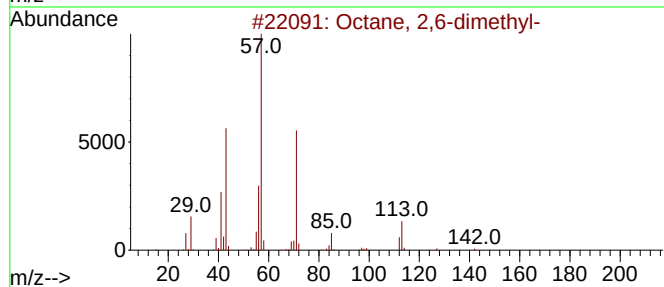
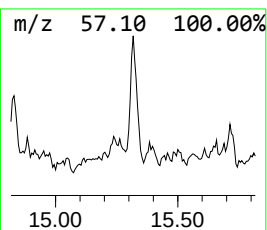
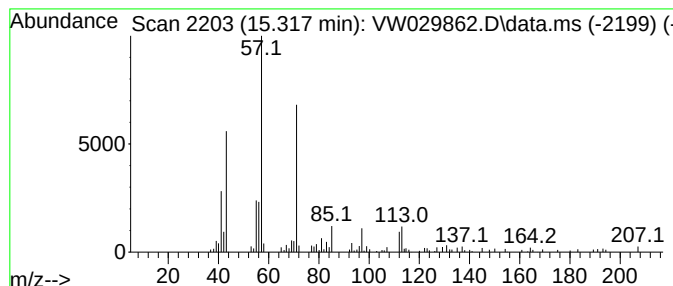
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.317	3.88 ug/L	52642	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
3			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
Data File : VW029862.D
Acq On : 08 Aug 2024 15:14
Operator : SY/MD
Sample : P3481-12
Misc : 4.52g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AE6

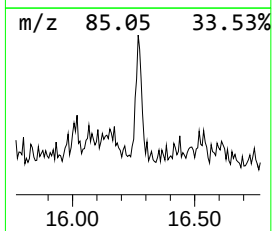
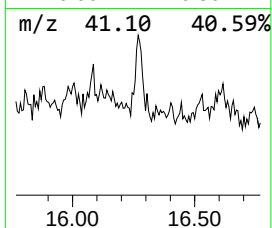
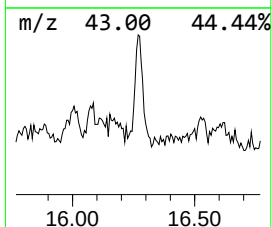
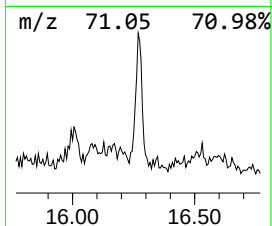
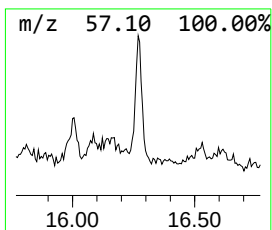
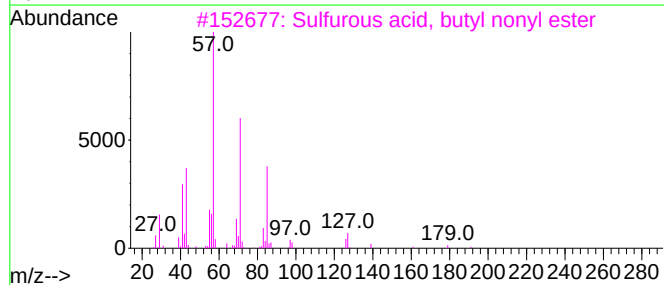
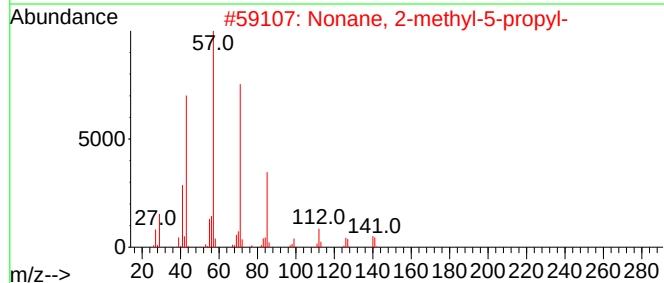
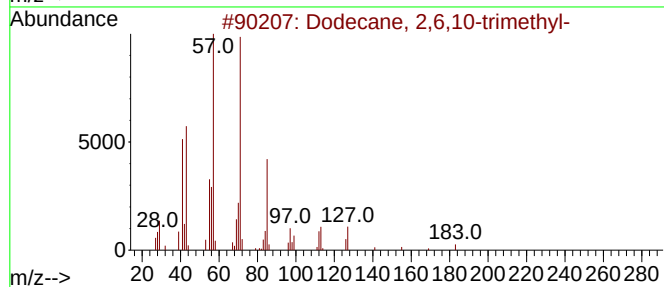
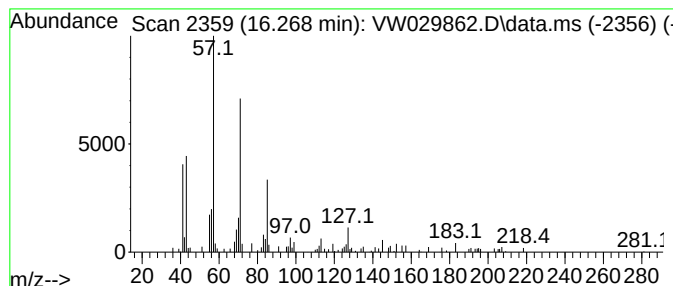
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.268	3.47 ug/L	47140	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	74
2			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
3			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
5			Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
Data File : VW029862.D
Acq On : 08 Aug 2024 15:14
Operator : SY/MD
Sample : P3481-12
Misc : 4.52g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AE6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.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
unknown-01	13.184	1.6	ug/L	21450	3	13.555	339392	25.0
(DEL) Alkane: S...	13.403	2.3	ug/L	31148	3	13.555	339392	25.0
(DEL) Alkane: S...	13.696	1.8	ug/L	24954	3	13.555	339392	25.0
(DEL) Alkane: S...	14.494	3.8	ug/L	50942	3	13.555	339392	25.0
(DEL) Alkane: S...	15.317	3.9	ug/L	52642	3	13.555	339392	25.0
(DEL) Alkane: S...	16.268	3.5	ug/L	47140	3	13.555	339392	25.0