Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

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\SFAMWLM100924SMA.M
Title : SFAM01.0

Signal : TIC: VW030576.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	67	78	96	rVV	112504	292664	7.55%	1.013%
2	2.655	118	126	133	rBV4	8165	25945	0.67%	0.090%
3	2.826	149	154	158	rBV5	3768	6968	0.18%	0.024%
4	2.899	158	166	183	rVV	85787	252015	6.50%	0.872%
5	3.387	241	246	256	rVB4	3800	10846	0.28%	0.038%
6	3.844	314	321	323	rBV3	5186	9467	0.24%	0.033%
7	3.862	323	324	332	rVB3	5406	6569	0.17%	0.023%
8	4.021	338	350	361	rBV	176942	547902	14.13%	1.896%
9	4.112	363	365	375	rVV3	19152	49590	1.28%	0.172%
10	4.210	375	381	392	rVB5	6191	18542	0.48%	0.064%
11	4.381	402	409	410	rBV2	3919	6498	0.17%	0.022%
12	4.923	484	498	504	rBV6	7942	28584	0.74%	0.099%
13	5.021	508	514	522	rVB8	3092	9453	0.24%	0.033%
14	5.947	656	666	669	rBV6	2662	6912	0.18%	0.024%
15	7.075	842	851	857	rBV	42515	121259	3.13%	0.420%
16	7.648	932	945	958	rBV	273794	673737	17.37%	2.332%
17	8.276	1035	1048	1066	rVV2	541829	1579100	40.71%	5.466%
18	8.477	1073	1081	1089	rVV2	10910	29453	0.76%	0.102%
19	8.569	1092	1096	1104	rVV9	3344	6975	0.18%	0.024%
20	8.843	1129	1141	1155	rBV	558073	1116540	28.79%	3.865%
21	9.069	1171	1178	1186	rVV2	12908	31265	0.81%	0.108%
22	9.276	1200	1212	1225	rBV	350146	742942	19.15%	2.572%
23	9.380	1227	1229	1234	rVV4	5681	7732	0.20%	0.027%
24	9.758	1284	1291	1299	rVB2	13079	27590	0.71%	0.095%
25	9.898	1304	1314	1319	rBV2	13385	30035	0.77%	0.104%
26	10.032	1326	1336	1349	rBV	151680	283095	7.30%	0.980%
27	10.130	1349	1352	1359	rVB5	5217	8741	0.23%	0.030%
28	10.245	1366	1371	1376	rVB	10934	18564	0.48%	0.064%
29	10.325	1376	1384	1392	rBV	638703	1154074	29.75%	3.995%
30	10.386	1392	1394	1400	rVB2	5725	8922	0.23%	0.031%
31	10.501	1407	1413	1419	rBV8	9919	16706	0.43%	0.058%
32	10.575	1419	1425	1436	rBV	96768	166135	4.28%	0.575%
33	10.703	1440	1446	1452	rVB	14926	25974	0.67%	0.090%
34	10.764	1452	1456	1464	rBV7	4839	10294	0.27%	0.036%
35	10.843	1464	1469	1475	rVB5	6296	11872	0.31%	0.041%
36	10.922	1475	1482	1494	rBV	167744	305527	7.88%	1.058%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

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\SFAMWLM100924SMA.M
Title : SFAM01.0

37	11.062	1496	1505	1509	rBV3	15661	33426	0.86%	0.116%
38	11.227	1527	1532	1536	rBV4	12410	18807	0.48%	0.065%
39	11.337	1545	1550	1554	rBV6	8178	13511	0.35%	0.047%
40	11.507	1573	1578	1583	rBV	10998	20735	0.53%	0.072%
41	11.629	1589	1598	1606	rBV	601968	1063586	27.42%	3.681%
42	11.690	1606	1608	1611	rVB	8755	8602	0.22%	0.030%
43	11.727	1611	1614	1619	rVB	23087	32244	0.83%	0.112%
44	11.837	1623	1632	1637	rBV	83244	185418	4.78%	0.642%
45	11.971	1649	1654	1655	rBV4	6206	9052	0.23%	0.031%
46	12.013	1657	1661	1664	rVV5	5661	8677	0.22%	0.030%
47	12.062	1664	1669	1673	rVB4	10604	15386	0.40%	0.053%
48	12.160	1675	1685	1692	rBV	86203	194229	5.01%	0.672%
49	12.245	1692	1699	1704	rVB	42005	82029	2.11%	0.284%
50	12.361	1704	1718	1725	rBV5	60338	182108	4.69%	0.630%
51	12.458	1729	1734	1739	rBV3	40054	88848	2.29%	0.308%
52	12.593	1750	1756	1763	rVB2	210670	441280	11.38%	1.527%
53	12.690	1766	1772	1778	rBV	212612	354617	9.14%	1.227%
54	12.751	1778	1782	1784	rBV	34807	56831	1.47%	0.197%
55	12.861	1794	1800	1804	rBV4	59018	110886	2.86%	0.384%
56	12.940	1804	1813	1826	rVB7	140877	485365	12.51%	1.680%
57	13.074	1831	1835	1837	rBV2	42254	64121	1.65%	0.222%
58	13.105	1837	1840	1841	rVV	35361	45493	1.17%	0.157%
59	13.159	1845	1849	1851	rVV	140657	199950	5.15%	0.692%
60	13.184	1851	1853	1858	rVV	114545	155031	4.00%	0.537%
61	13.245	1859	1863	1867	rVB	104982	152764	3.94%	0.529%
62	13.294	1867	1871	1875	rVB	65827	95455	2.46%	0.330%
63	13.342	1875	1879	1881	rBV2	32989	41465	1.07%	0.144%
64	13.403	1881	1889	1893	rBV	157670	300389	7.74%	1.040%
65	13.440	1893	1895	1898	rVB3	51949	55436	1.43%	0.192%
66	13.477	1898	1901	1904	rBV2	69656	87716	2.26%	0.304%
67	13.513	1904	1907	1909	rVV	35351	38732	1.00%	0.134%
68	13.556	1909	1914	1917	rVV	355269	574617	14.81%	1.989%
69	13.592	1917	1920	1931	rVB4	236311	611973	15.78%	2.118%
70	13.696	1931	1937	1940	rBV4	53805	115030	2.97%	0.398%
71	13.757	1940	1947	1955	rBV	948897	1548329	39.92%	5.359%
72	13.848	1956	1962	1970	rBV2	282266	694303	17.90%	2.403%
73	14.025	1986	1991	1992	rBV2	88445	134784	3.47%	0.467%
74	14.062	1992	1997	2005	rVV2	653224	1193867	30.78%	4.132%
75	14.123	2005	2007	2014	rVB	133441	209496	5.40%	0.725%
76	14.196	2014	2019	2023	rBV4	68414	150127	3.87%	0.520%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

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\SFAMWLM100924SMA.M
Title : SFAM01.0

77	14.257	2025	2029	2034	rVB4	85768	142352	3.67%	0.493%
78	14.342	2035	2043	2046	rBV3	137621	307396	7.92%	1.064%
79	14.379	2046	2049	2053	rVB4	179582	259410	6.69%	0.898%
80	14.421	2053	2056	2063	rVB5	124770	171678	4.43%	0.594%
81	14.489	2063	2067	2073	rBV	201292	349057	9.00%	1.208%
82	14.653	2090	2094	2096	rBV2	57907	91669	2.36%	0.317%
83	14.793	2112	2117	2119	rBV3	156317	259292	6.68%	0.897%
84	14.830	2119	2123	2133	rVB	529195	913762	23.56%	3.163%
85	14.915	2133	2137	2140	rBV5	61846	93488	2.41%	0.324%
86	15.049	2155	2159	2163	rVB5	79681	121967	3.14%	0.422%
87	15.110	2166	2169	2170	rBV3	55417	61585	1.59%	0.213%
88	15.202	2180	2184	2186	rBV2	89272	140009	3.61%	0.485%
89	15.238	2186	2190	2198	rVV4	217663	440474	11.36%	1.525%
90	15.318	2198	2203	2205	rVV	580704	921626	23.76%	3.190%
91	15.354	2205	2209	2219	rVB	2156057	3878884	100.00%	13.426%
92	15.568	2239	2244	2249	rBV4	84595	189615	4.89%	0.656%
93	15.622	2249	2253	2254	rBV3	78849	109224	2.82%	0.378%
94	15.720	2265	2269	2278	rVB4	255742	510158	13.15%	1.766%
95	16.080	2324	2328	2332	rBV2	86855	136938	3.53%	0.474%
96	16.208	2345	2349	2354	rVB3	139676	236243	6.09%	0.818%
97	16.269	2355	2359	2368	rVB	365710	698713	18.01%	2.418%
98	16.433	2380	2386	2394	rVB	294900	638478	16.46%	2.210%
99	16.525	2398	2401	2407	rVB4	71163	126554	3.26%	0.438%
100	16.634	2416	2419	2431	rVB2	229818	569461	14.68%	1.971%

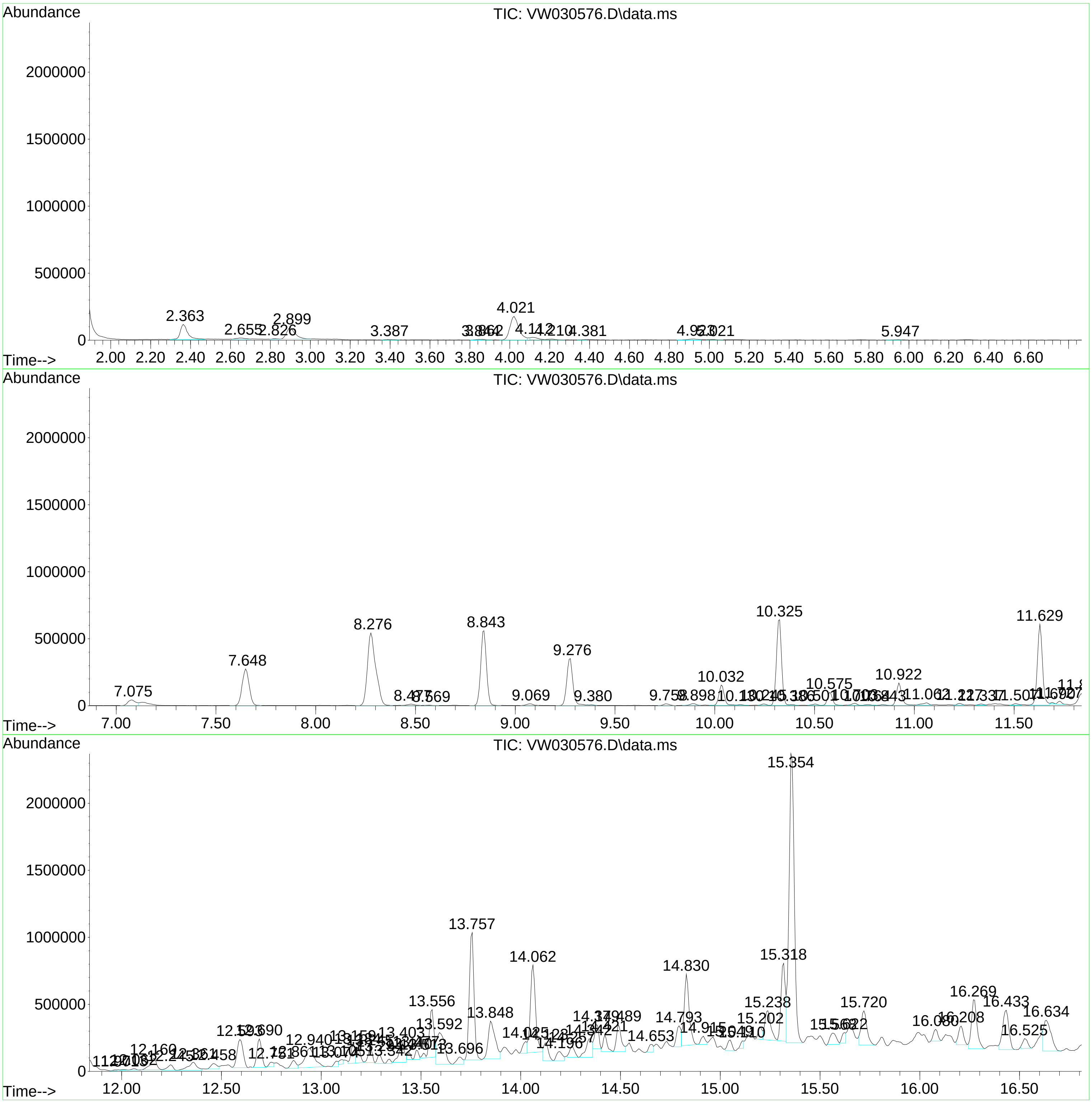
Sum of corrected areas: 28891235

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

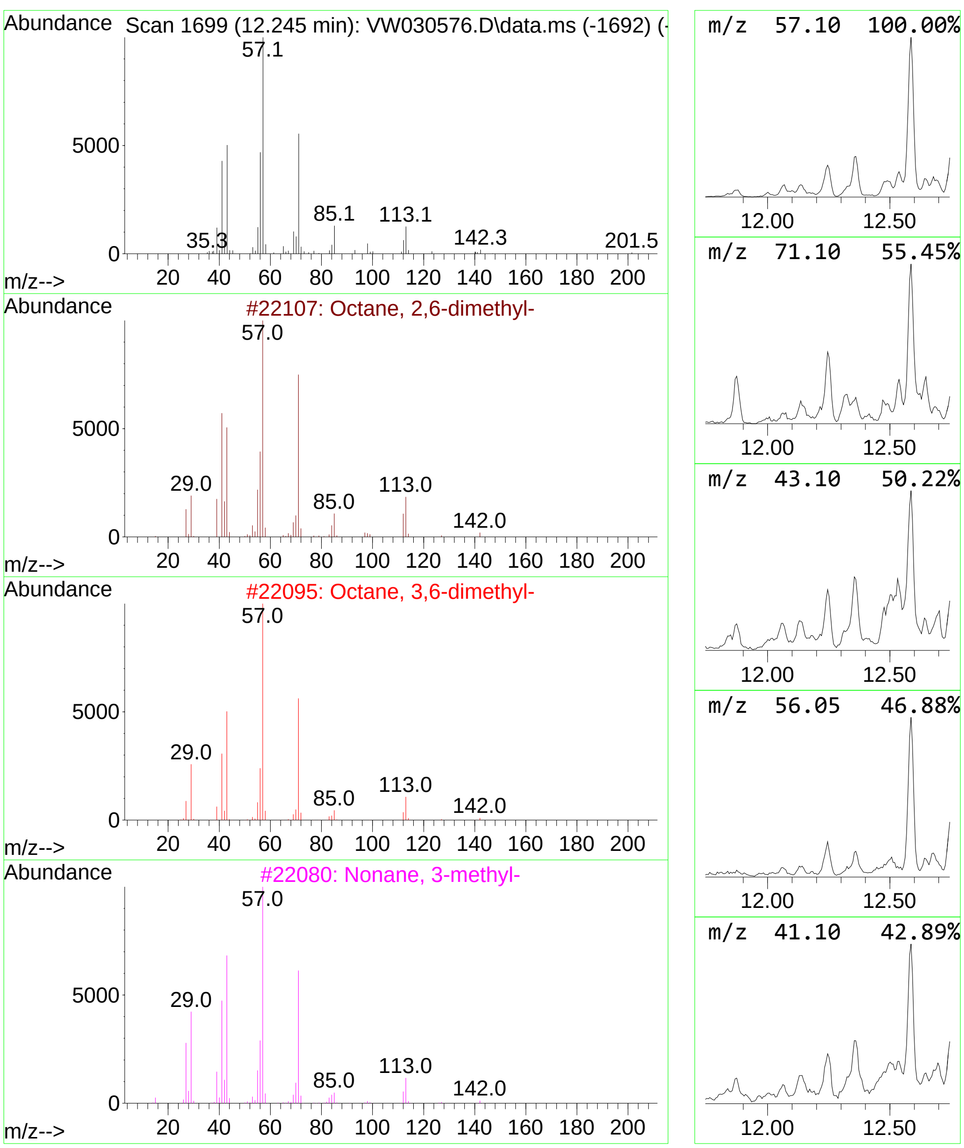
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

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

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	1.93 ug/L	82029	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	70
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	70
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	70
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	68
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59



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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On    : 12 Oct 2024  03:13
Operator  : SY/MD
Sample    : P4361-05
Misc      : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 42   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0

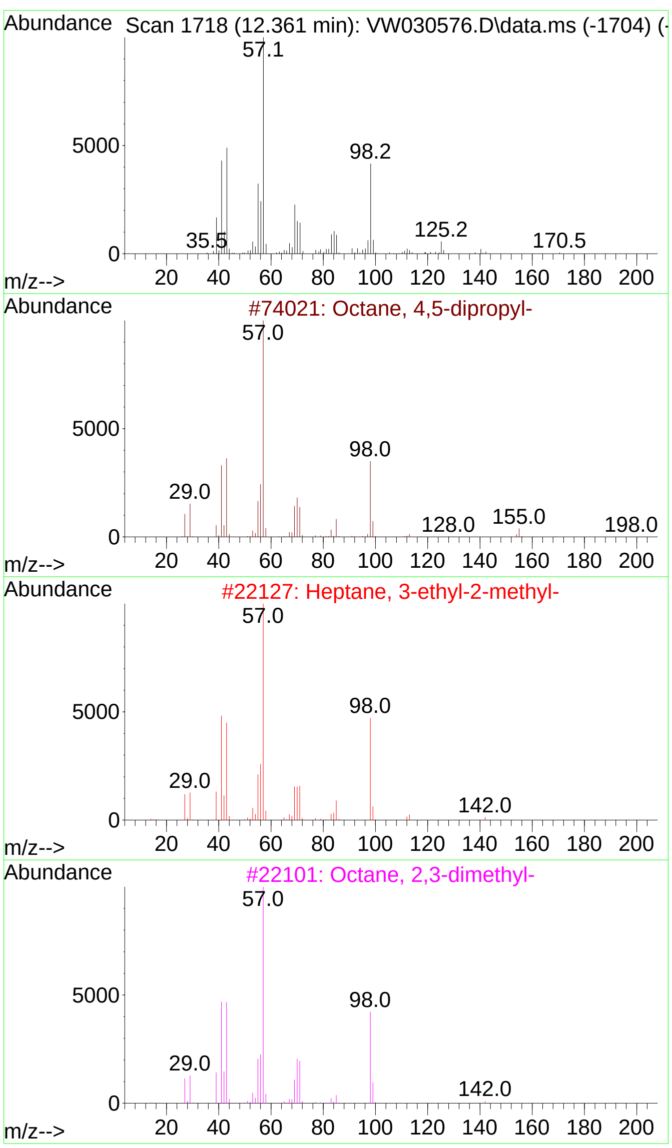
TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

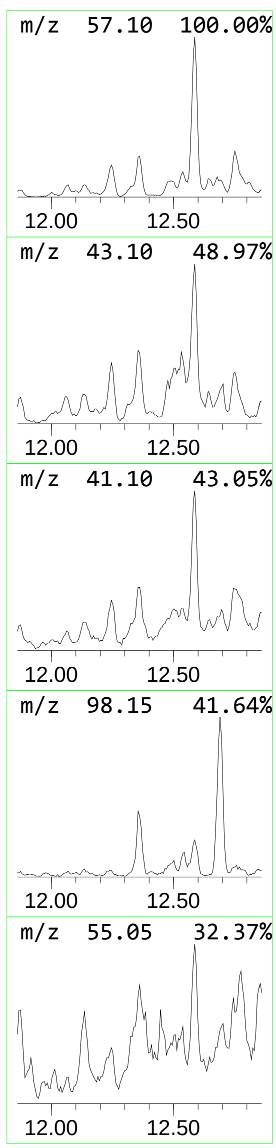
Instrument :
MSVOA_W
ClientSampleId :
EOAY7

```
*********************************************************************
Peak Number  3  (DEL) Alkane: Straight-Chai...  Concentration Rank 34
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	4.28 ug/L	182108	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	72
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	68
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	53





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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On    : 12 Oct 2024  03:13
Operator  : SY/MD
Sample    : P4361-05
Misc      : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 42   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0

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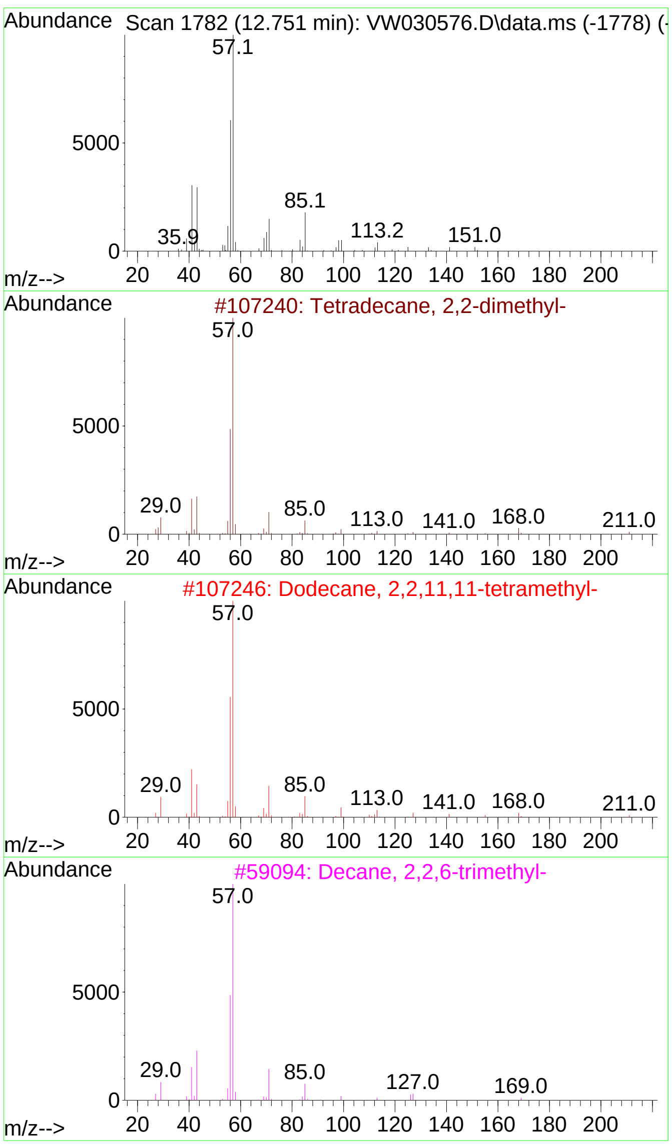
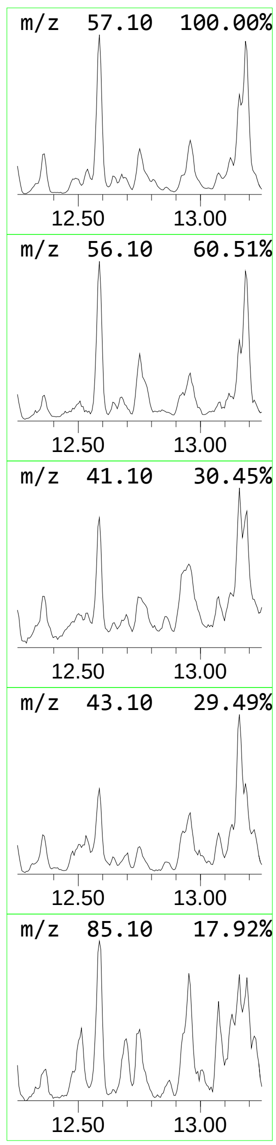

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

```
*********************************************************************
Peak Number  5  (DEL) Alkane: Straight-Chai...  Concentration Rank 40
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.751	2.47 ug/L	56831	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	78
2	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
3	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	59
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	53
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

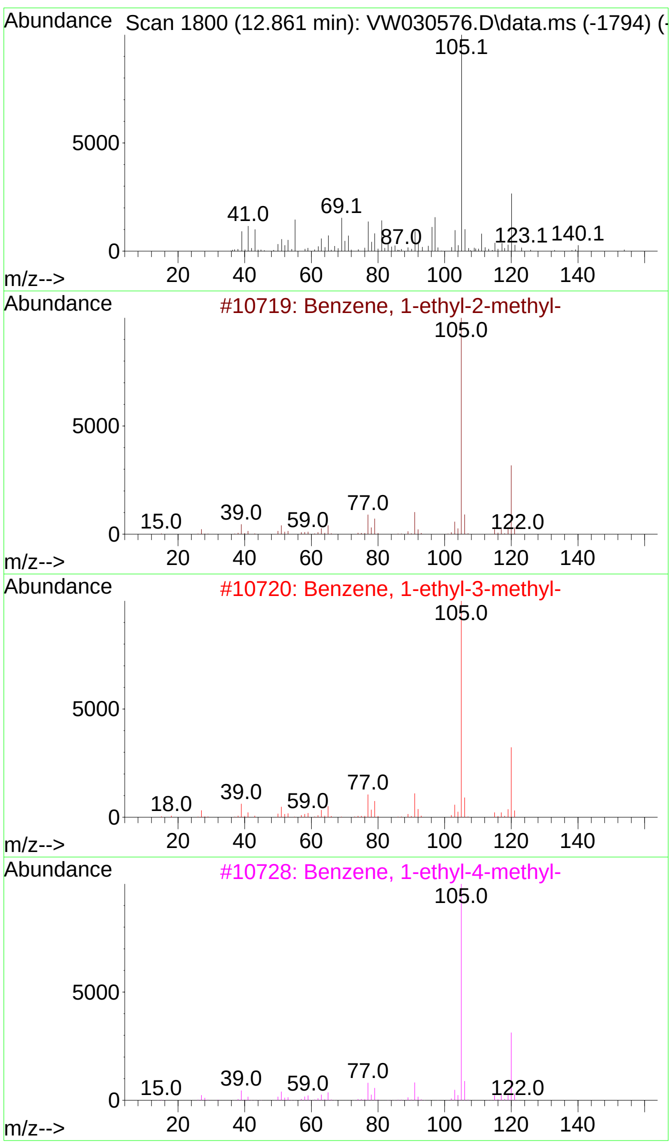
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

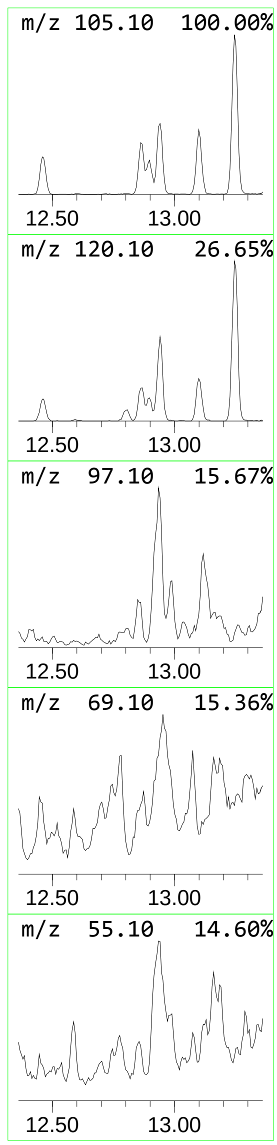
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	4.82 ug/L	110886	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

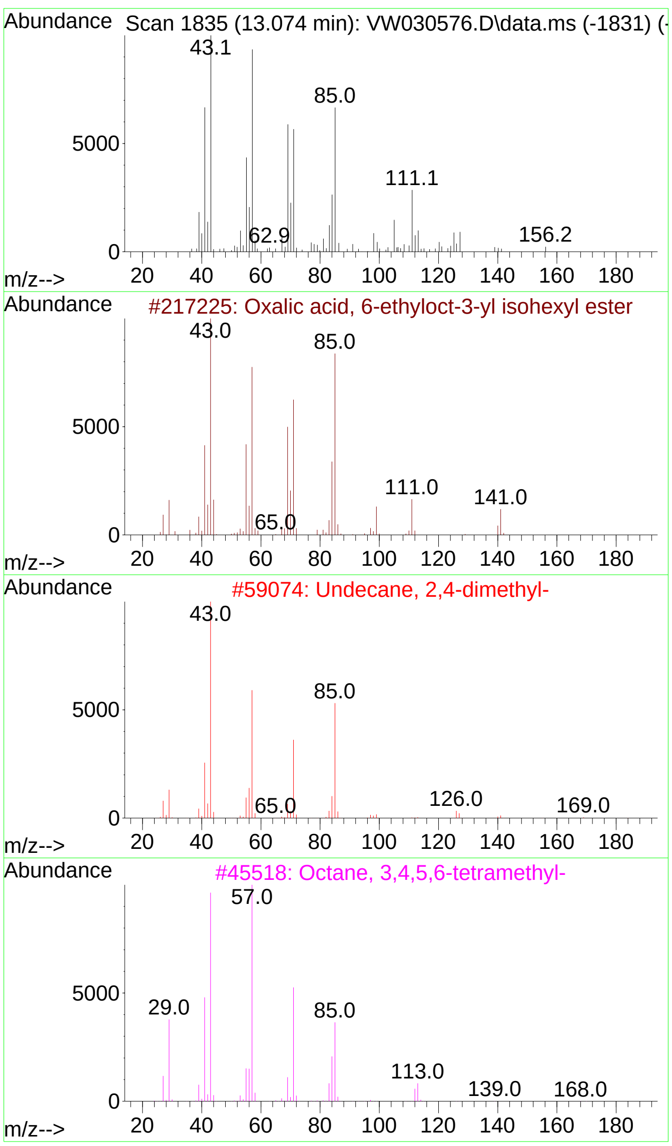
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

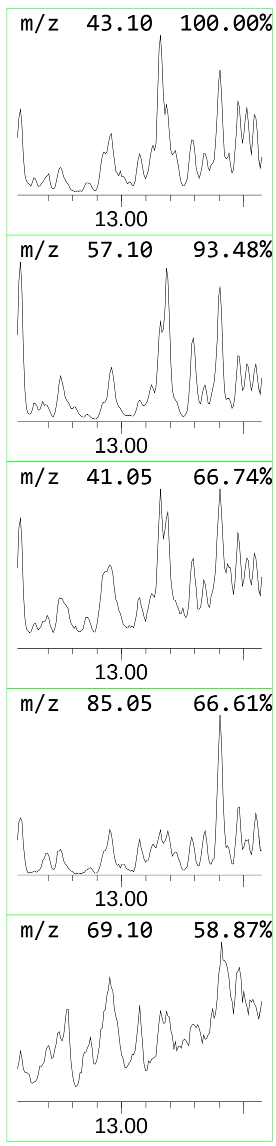
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	2.79 ug/L	64121	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 6-ethyloct-3-yl iso...	314	C18H34O4	1000309-34-3	59
2	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	50
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
4	Octane	114	C8H18	000111-65-9	49
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	47





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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On    : 12 Oct 2024  03:13
Operator  : SY/MD
Sample    : P4361-05
Misc      : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 42   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0

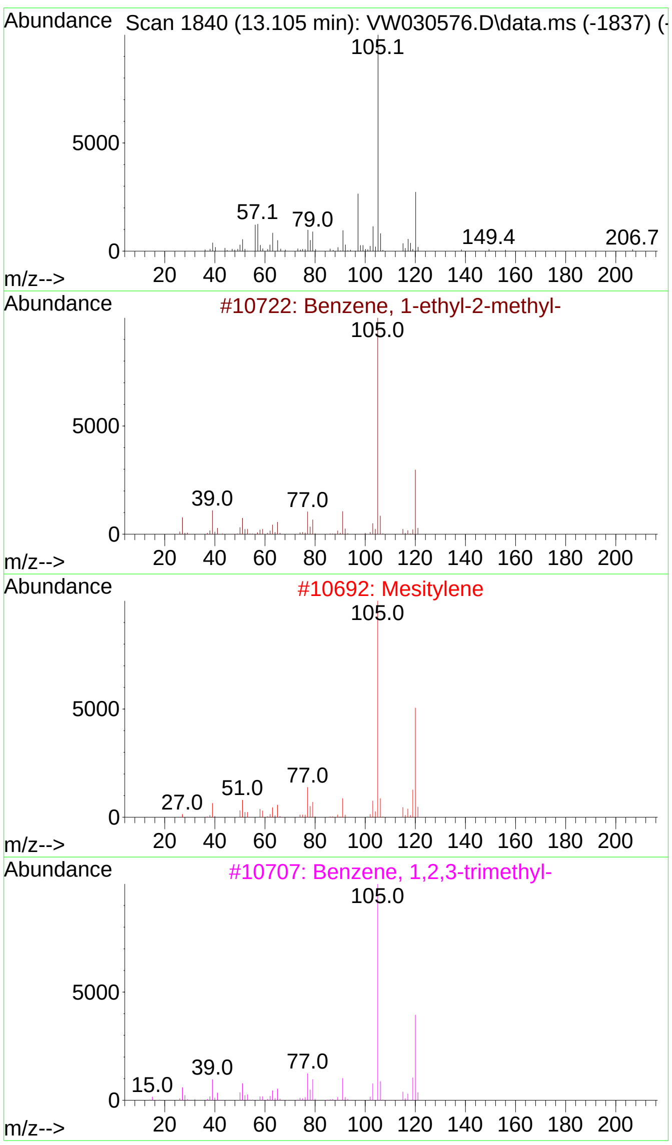
TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

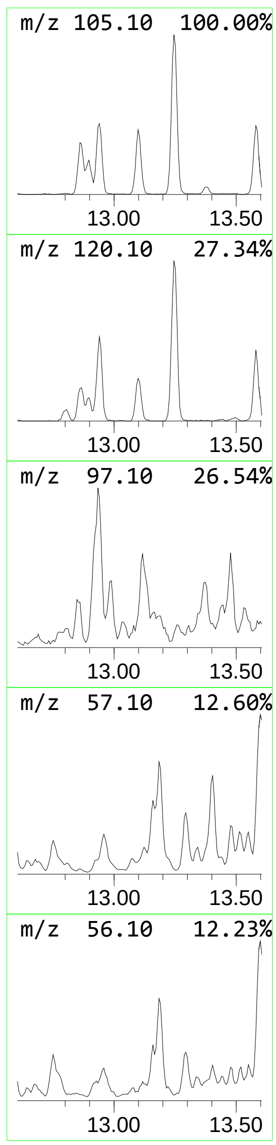
Instrument :
MSVOA_W
ClientSampleId :
EOAY7

```
*********************************************************************
Peak Number  8  Benzene, 1-ethyl-4-methyl-      Concentration Rank 42
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.105	1.98 ug/L	45493	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70
2	Mesitylene	120	C9H12	000108-67-8	68
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	68
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64





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Data File : VW030576.D
Acq On    : 12 Oct 2024  03:13
Operator  : SY/MD
Sample    : P4361-05
Misc      : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 42   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0

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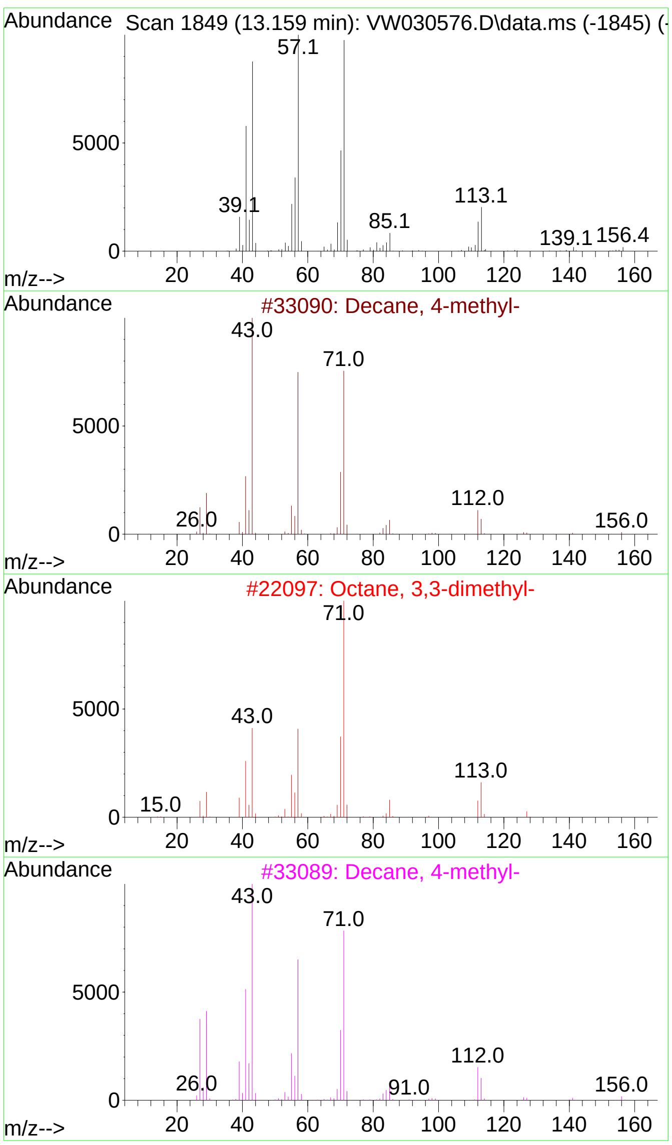
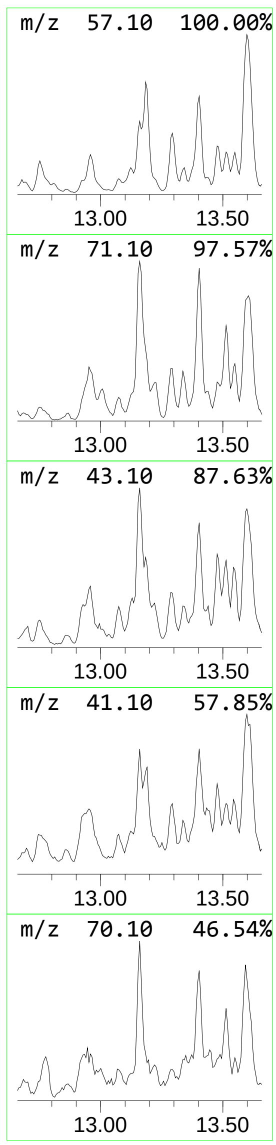

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

```
*********************************************************************
Peak Number  9  (DEL) Alkane: Straight-Chai...  Concentration Rank 19

  R.T.     EstConc          Area       Relative to ISTD         R.T.
---------------------------------------------------------------------
 13.160    8.70 ug/L       199950   1,4-Dichlorobenzene-d4     13.556

 Hit# of  5     Tentative ID              MW  MolForm       CAS#       Qual
---------------------------------------------------------------------
 1 Decane, 4-methyl-                     156 C11H24        002847-72-5 80
 2 Octane, 3,3-dimethyl-                 142 C10H22        004110-44-5 72
 3 Decane, 4-methyl-                     156 C11H24        002847-72-5 62
 4 Heptane, 3-ethyl-5-methyl-            142 C10H22        052896-90-9 62
 5 Sulfurous acid, decyl 2-ethylhex...   334 C18H38O3S     1000309-19-3 53
```





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Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

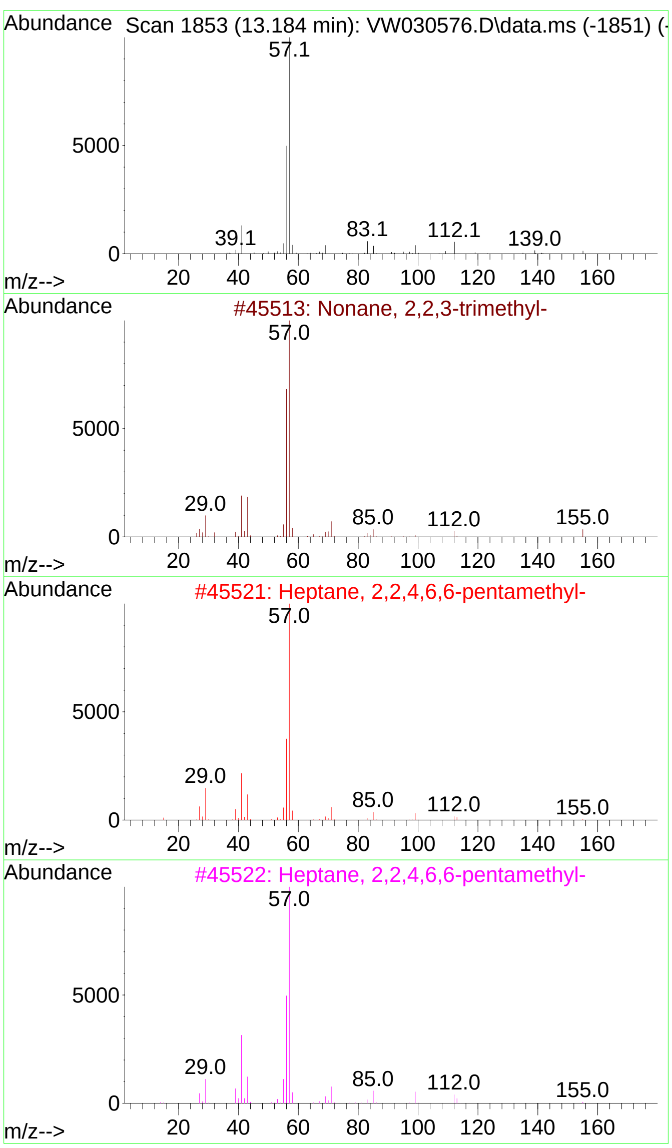
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

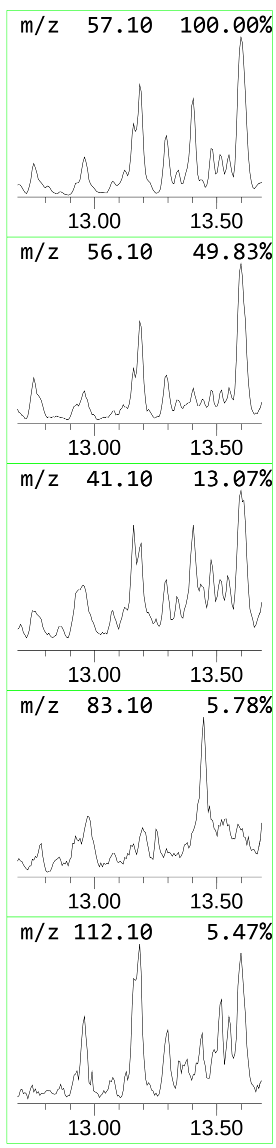
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.184	6.74 ug/L	155031	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,2,3-trimethyl-	170	C12H26	055499-04-2	64
2	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	39
3	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	39
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	39
5	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	38





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Data File : VW030576.D
Acq On    : 12 Oct 2024  03:13
Operator  : SY/MD
Sample    : P4361-05
Misc      : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 42   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0

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

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

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**********************************************************************
Peak Number 11  Hexadecyl octyl ether          Concentration Rank 44
```
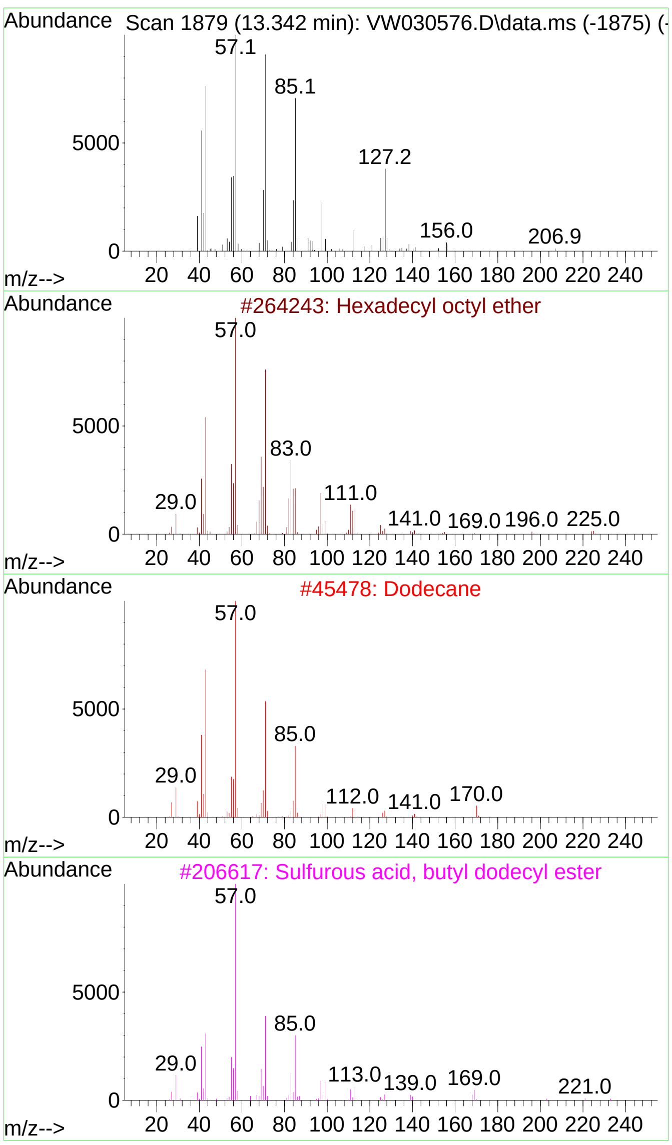
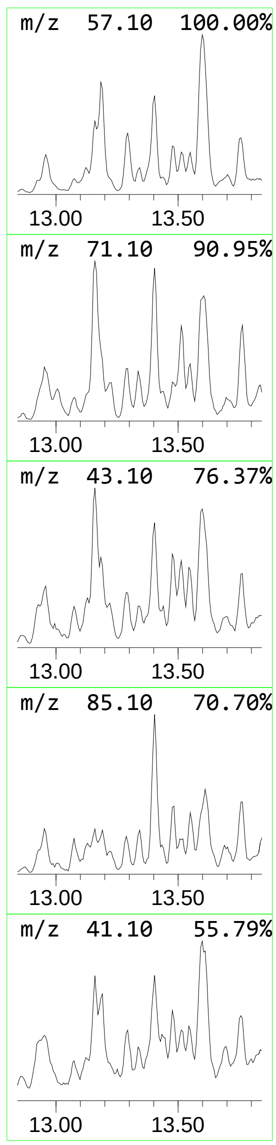

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.342	1.80 ug/L	41465	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecyl octyl ether	354	C24H50O	1000406-38-6	59
2	Dodecane	170	C12H26	000112-40-3	53
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	50
4	2,3-Dimethyldecane	170	C12H26	017312-44-6	50
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	47





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

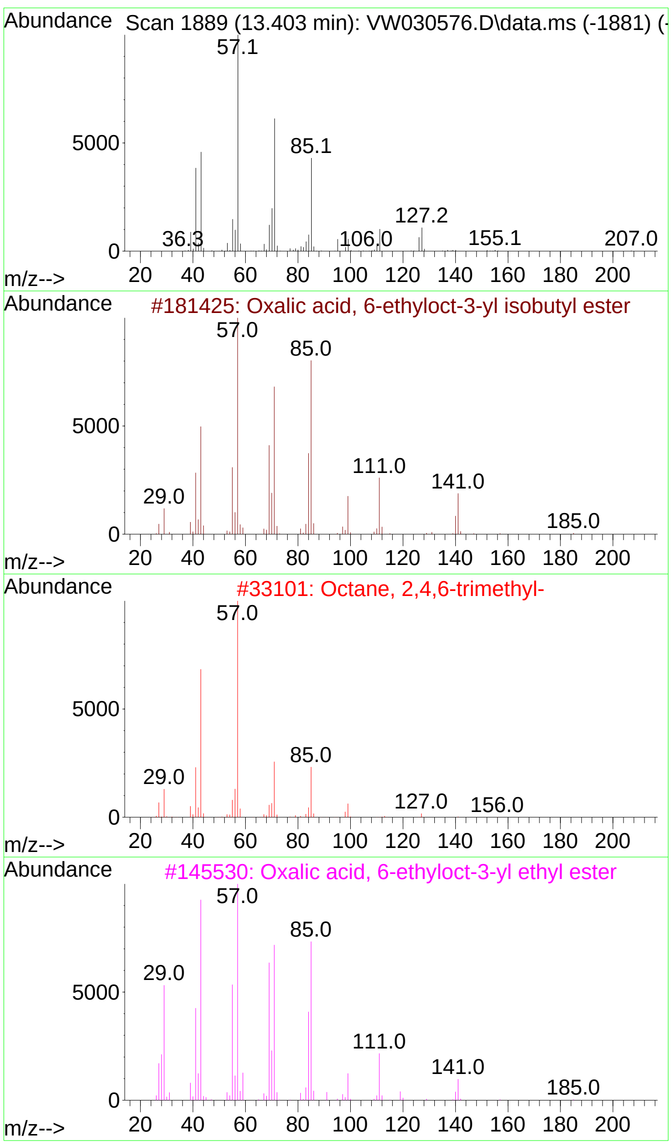
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

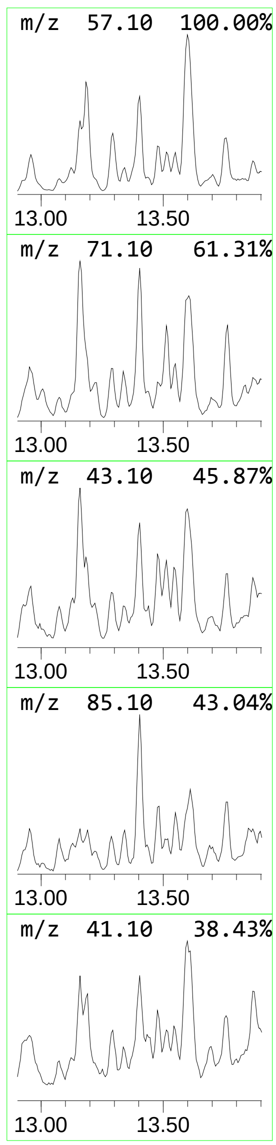
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.403	13.07 ug/L	300389	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	56
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
3	Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	50
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	47
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47





Library Search Compound Report

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Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

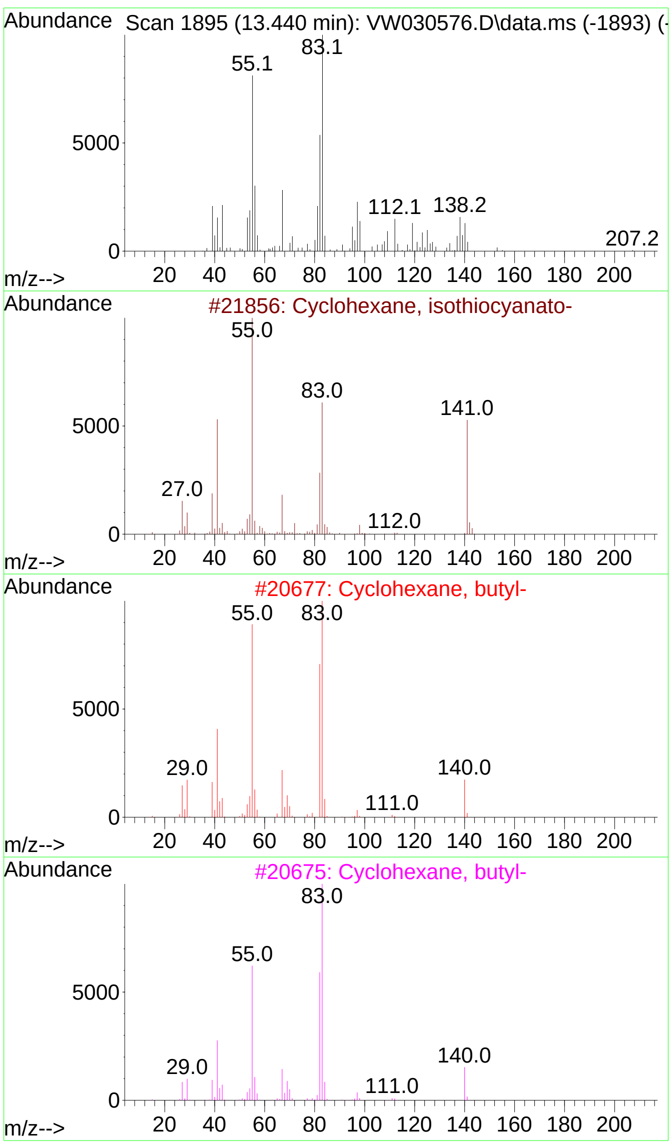
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

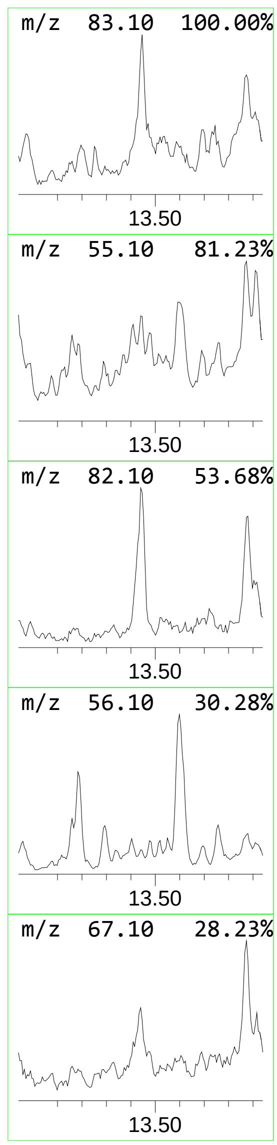
****

Peak Number 13 unknown-01 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	2.41 ug/L	55436	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	49
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	49
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	47
4	Oxalic acid, decyl 1-menthyl ester	368	C22H40O4	1000314-97-8	47
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	46





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Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

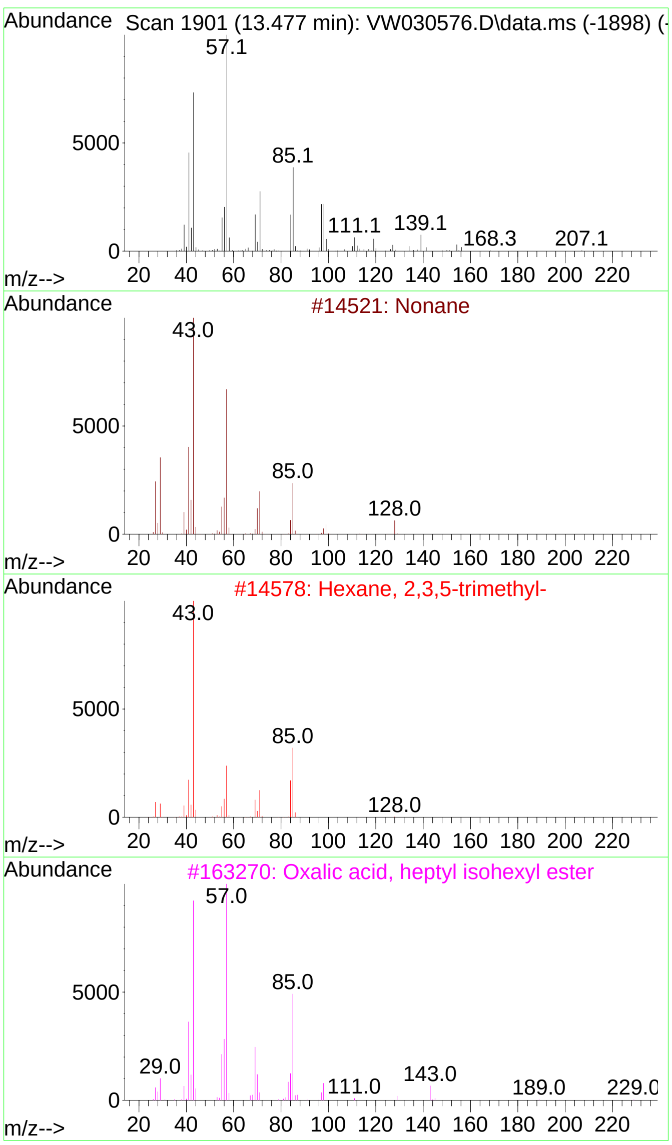
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

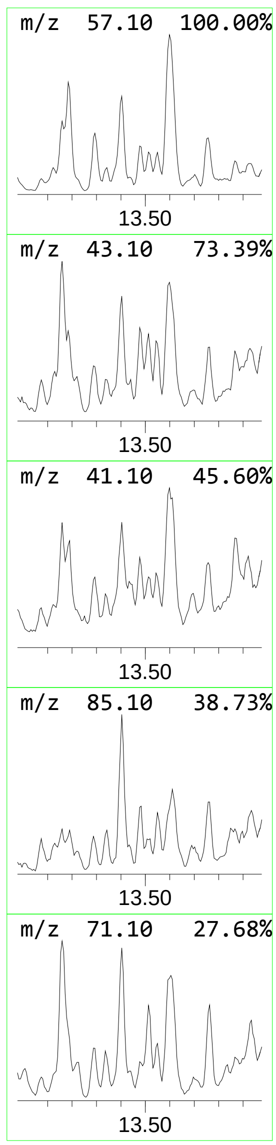
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	3.82 ug/L	87716	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	53
2	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	47
3	Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	47
4	Octane	114	C8H18	000111-65-9	43
5	4,4-Dimethyl octane	142	C10H22	015869-95-1	43





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Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

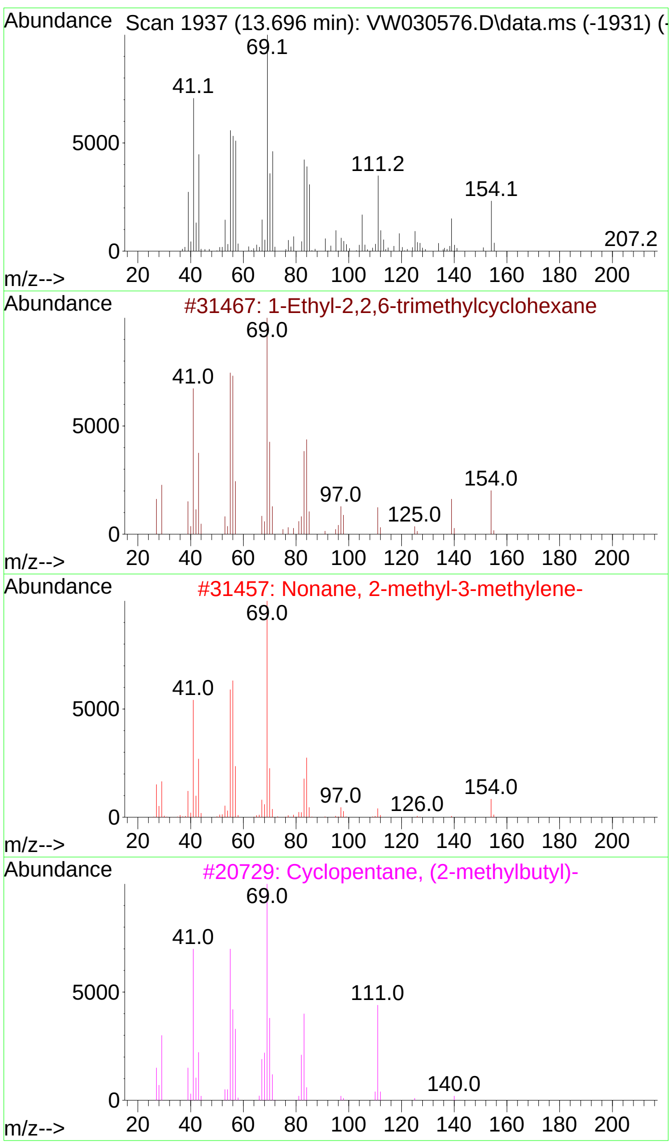
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

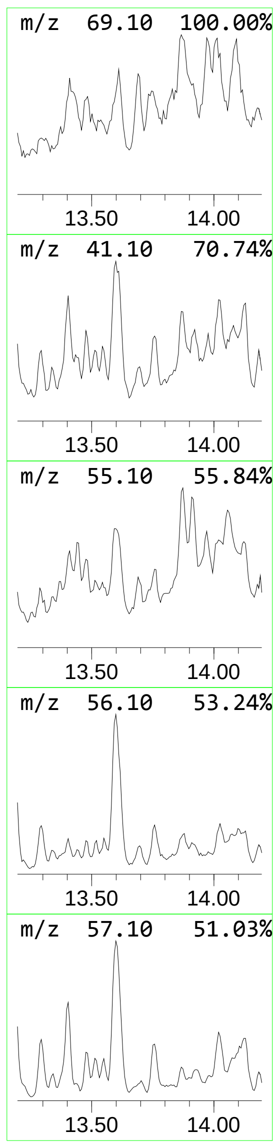
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic13.696 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	5.00 ug/L	115030	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	74
2	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	50
3	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	49
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43
5	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	38





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Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

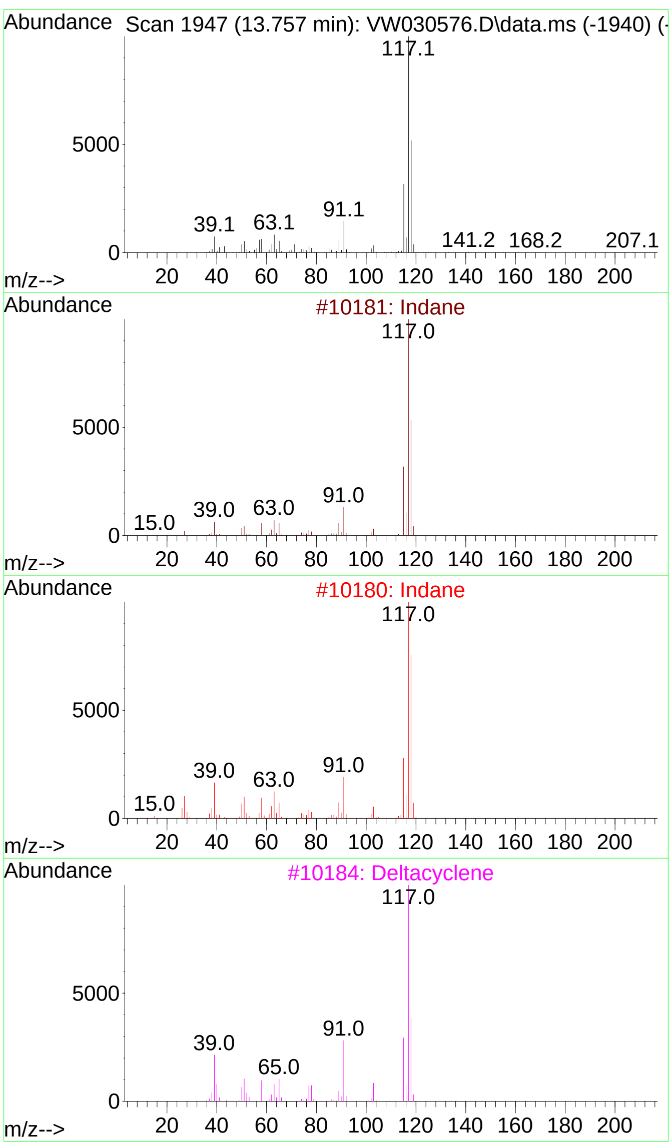
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

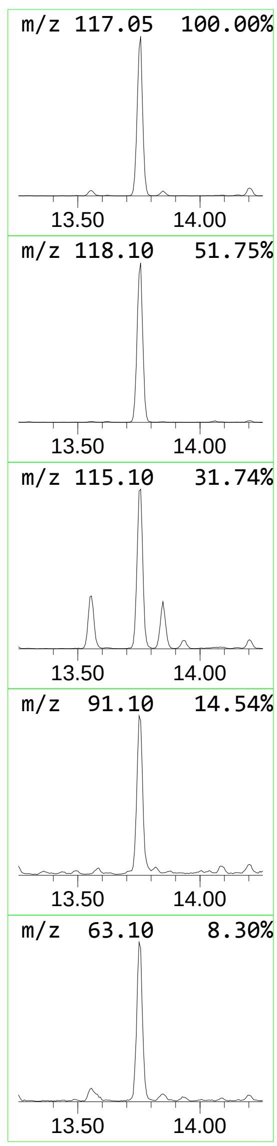
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	67.36 ug/L	1548330	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	90
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Indane	118	C9H10	000496-11-7	64
5	Indane	118	C9H10	000496-11-7	60





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Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

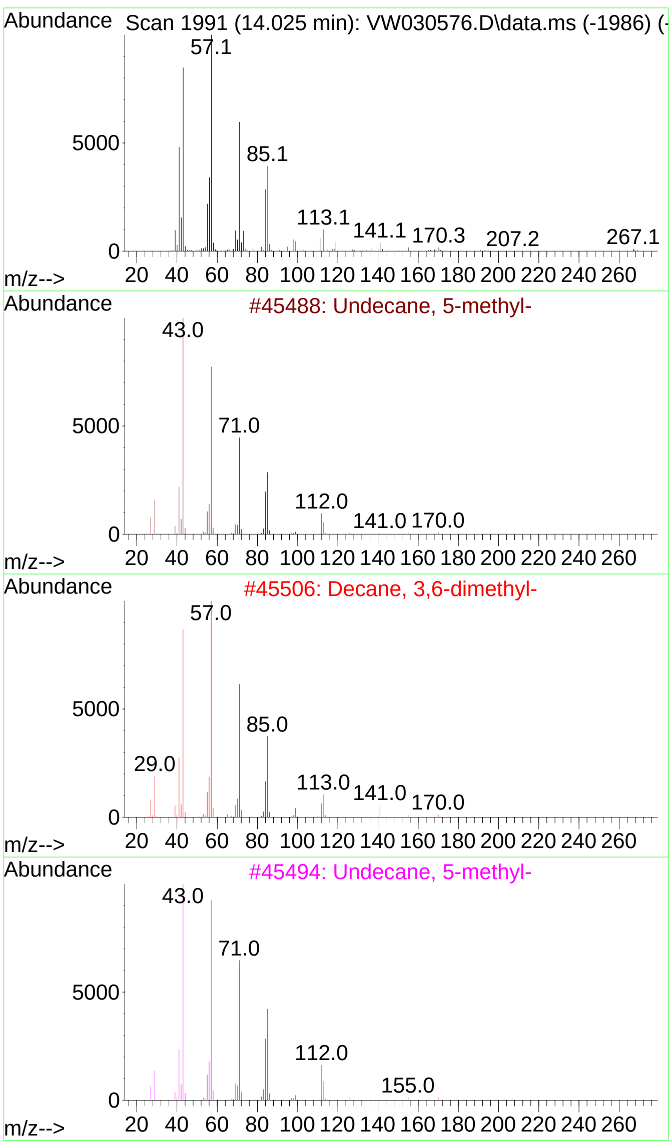
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

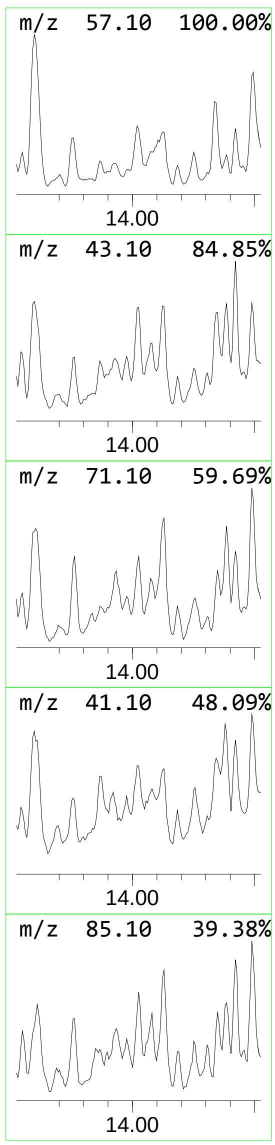
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.025	5.86 ug/L	134784	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	87
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	74
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	59
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59





Library Search Compound Report

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Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

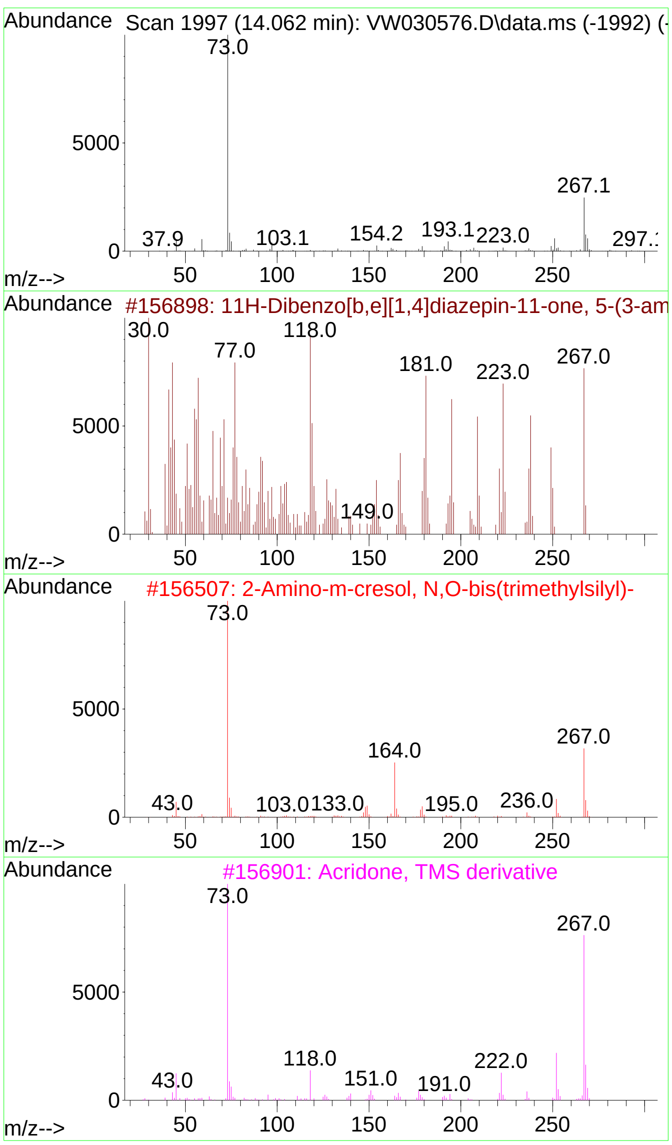
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

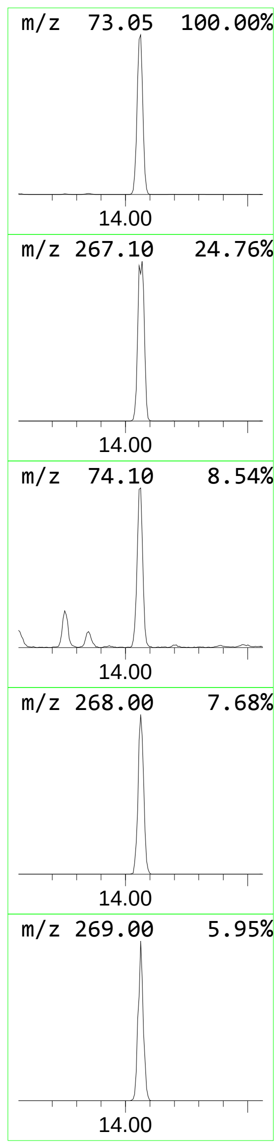
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 11H-Dibenzo[b,e][1,4]diazep... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.062	51.94 ug/L	1193870	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	93
2	2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	50
3	Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	50
4	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	40
5	2-[(Trimethylsilyl)oxy]-2-{4-[(t...	297	C14H27NO2Si2	1000473-27-9	36





Library Search Compound Report

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Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

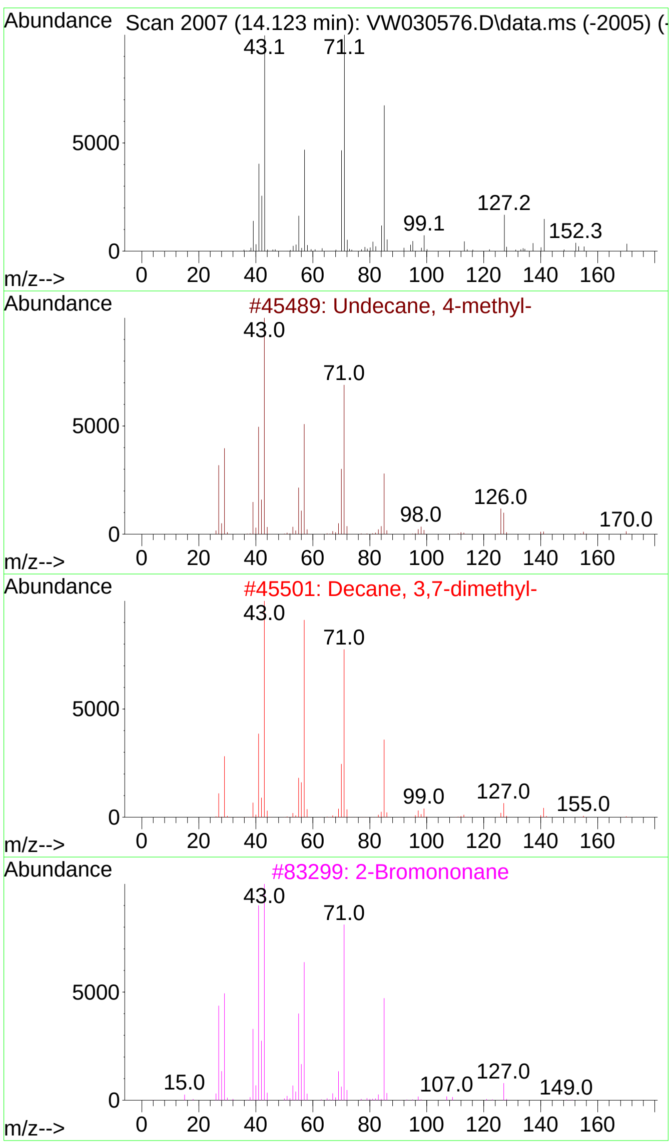
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

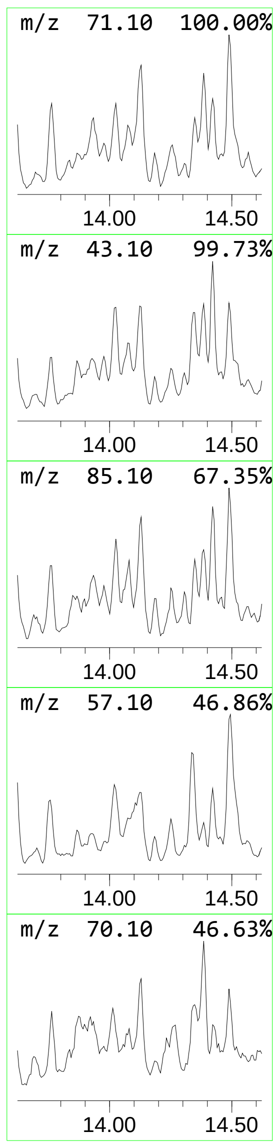
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.123	9.11 ug/L	209496	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	72
2	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	58
3	2-Bromononane	206	C9H19Br	002216-35-5	50
4	2,6-Dimethyldecane	170	C12H26	013150-81-7	50
5	n-Amyl ether	158	C10H22O	000693-65-2	47





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Data File : VW030576.D
Acq On    : 12 Oct 2024  03:13
Operator  : SY/MD
Sample    : P4361-05
Misc      : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 42   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0

TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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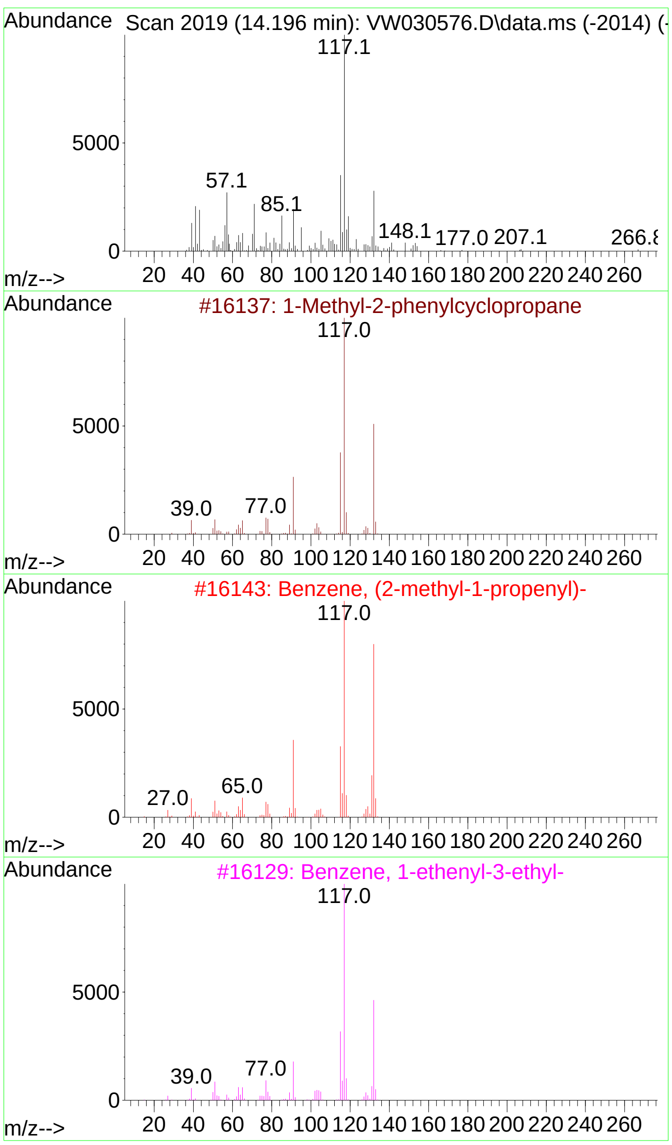
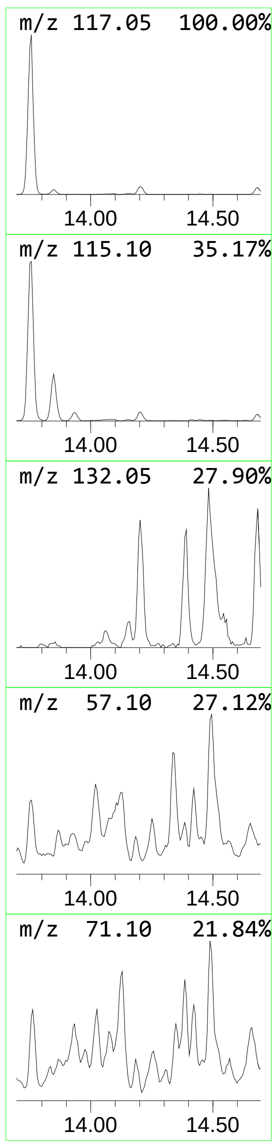
Instrument :
MSVOA_W
ClientSampleId :
EOAY7

```
*********************************************************************
Peak Number 20  1-Methyl-2-phenylcyclopropane   Concentration Rank 23

  R.T.     EstConc          Area       Relative to ISTD         R.T.
---------------------------------------------------------------------
 14.196    6.53 ug/L       150127   1,4-Dichlorobenzene-d4     13.556

 Hit# of  5     Tentative ID              MW  MolForm       CAS#       Qual
---------------------------------------------------------------------
 1 1-Methyl-2-phenylcyclopropane         132 C10H12        003145-76-4 64
 2 Benzene, (2-methyl-1-propenyl)-       132 C10H12        000768-49-0 64
 3 Benzene, 1-ethenyl-3-ethyl-           132 C10H12        007525-62-4 64
 4 3-Phenylbut-1-ene                     132 C10H12        000934-10-1 64
 5 1-Methyl-2-phenylcyclopropane         132 C10H12        003145-76-4 64
```





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Data File : VW030576.D
Acq On    : 12 Oct 2024  03:13
Operator  : SY/MD
Sample    : P4361-05
Misc      : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 42   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0

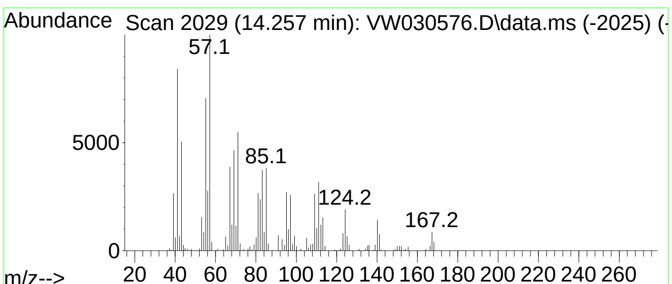
TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

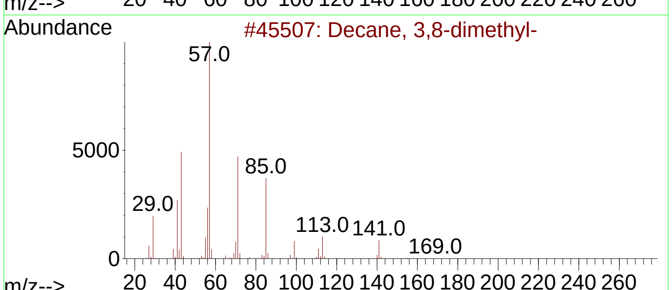
Instrument :
MSVOA_W
ClientSampleId :
EOAY7

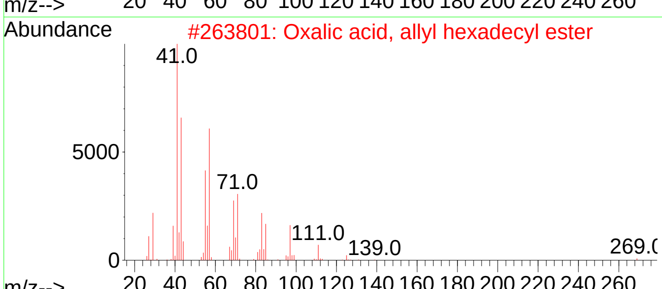
```
**********************************************************************
Peak Number 21  (DEL) Alkane: Straight-Chai...  Concentration Rank 25
```

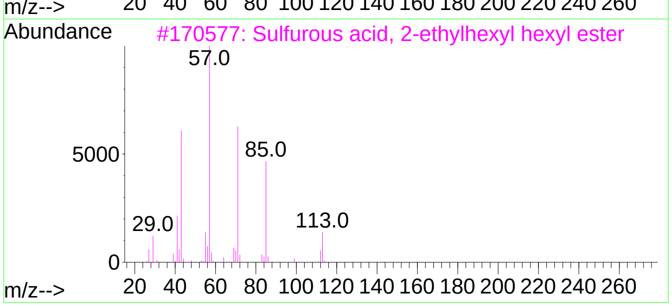
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	6.19 ug/L	142352	1,4-Dichlorobenzene-d4	13.556

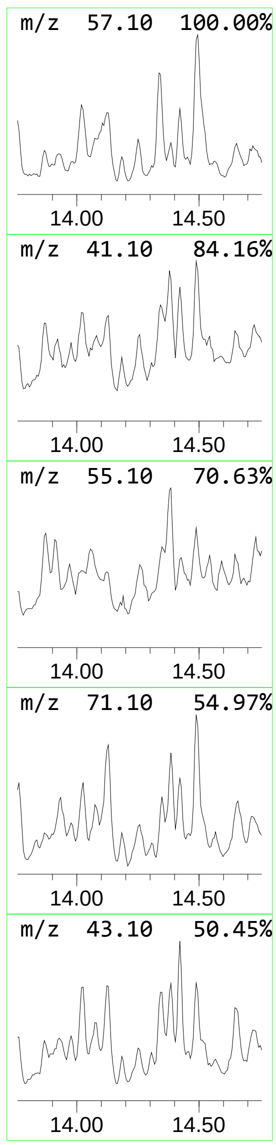
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	27
2	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	27
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	25
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	22
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	22











Library Search Compound Report

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Data File : VW030576.D
Acq On    : 12 Oct 2024  03:13
Operator  : SY/MD
Sample    : P4361-05
Misc      : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 42   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0

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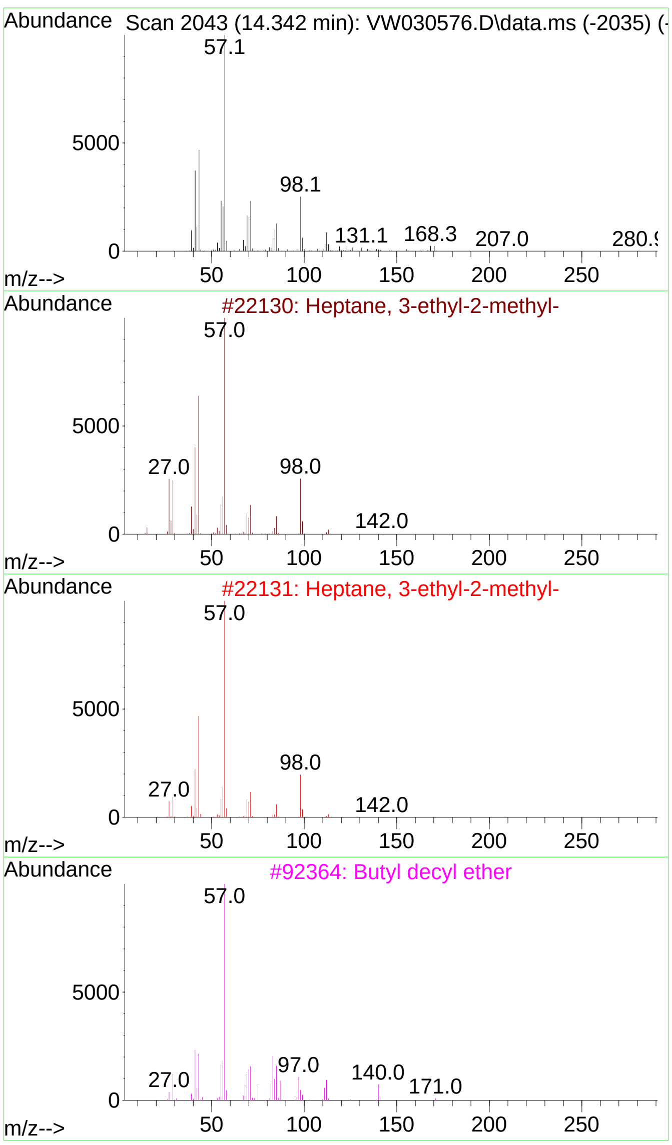
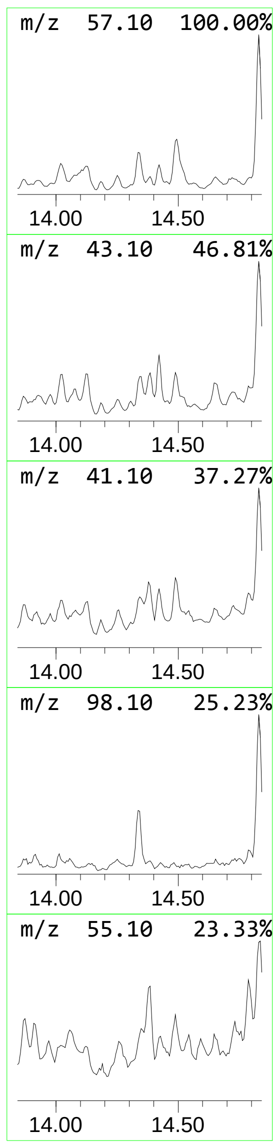

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

```
*********************************************************************
Peak Number 22  (DEL) Alkane: Straight-Chai...  Concentration Rank 13
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.342	13.37 ug/L	307396	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3	Butyl decyl ether	214	C14H30O	1000406-40-2	53
4	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	50
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	50





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Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

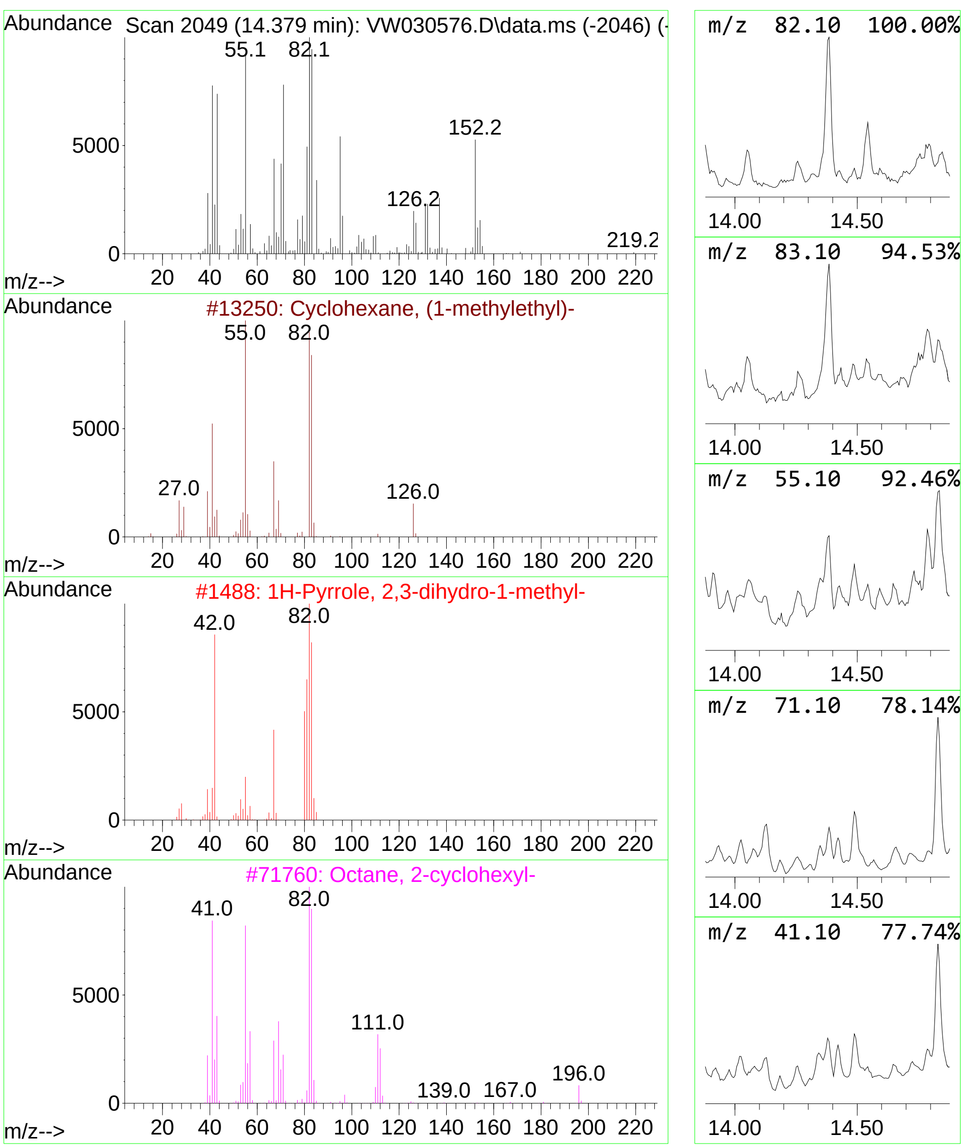
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

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

****
Peak Number 23 (DEL) Alkane: Cyclic14.379 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	11.29 ug/L	259410	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	30
2	1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	27
3	Octane, 2-cyclohexyl-	196	C14H28	002883-05-8	27
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	27
5	(E)-2,6-Dimethylocta-3,7-diene-2...	170	C10H18O2	051276-34-7	27



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

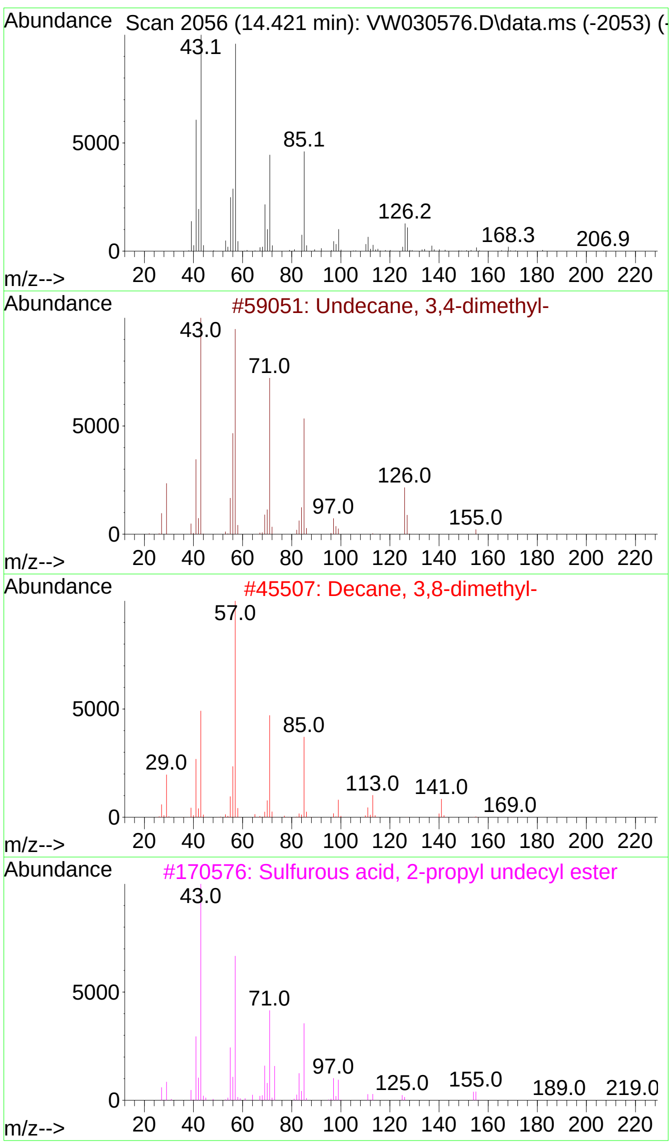
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

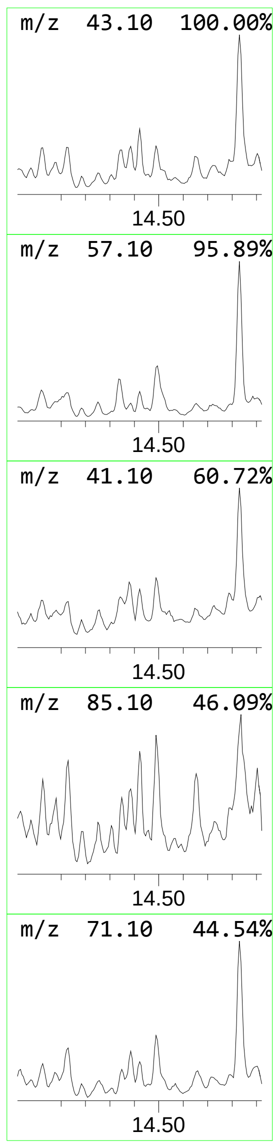
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	7.47 ug/L	171678	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	64
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
3	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	59
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	58
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53





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Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

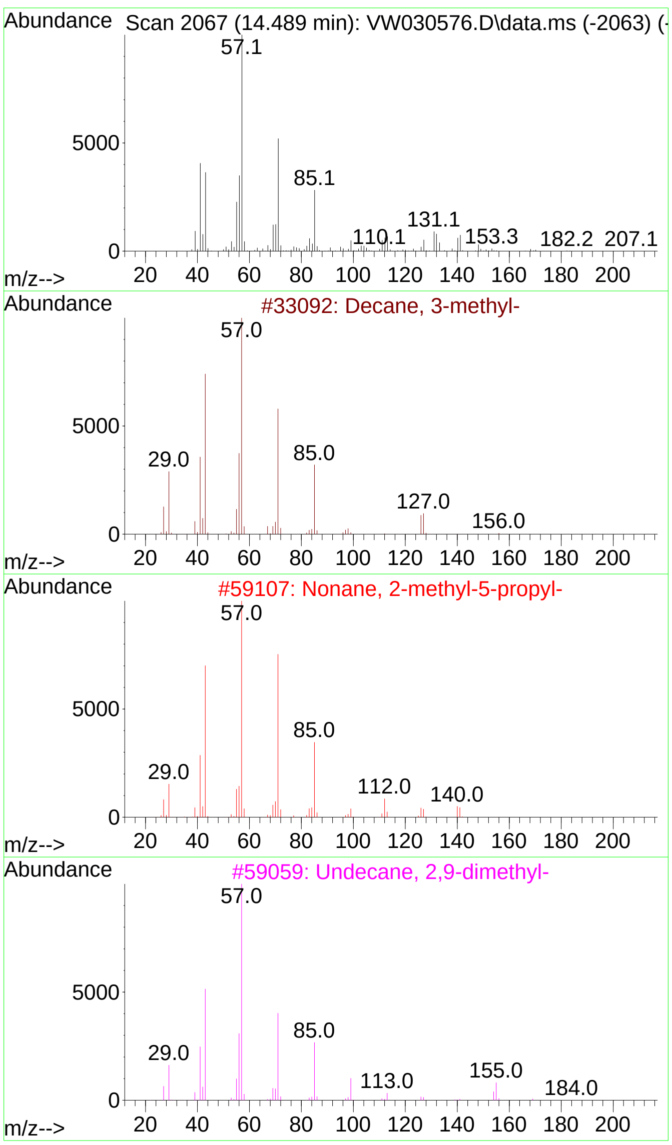
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

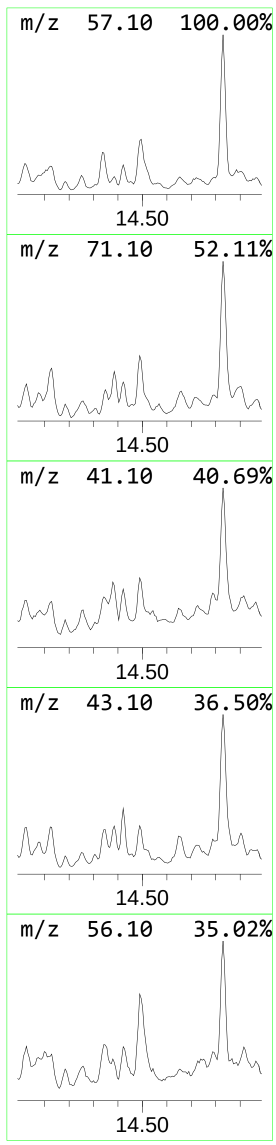
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.489	15.19 ug/L	349057	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	59
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
3	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	47





Library Search Compound Report

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Data File : VW030576.D
Acq On    : 12 Oct 2024  03:13
Operator  : SY/MD
Sample    : P4361-05
Misc      : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 42   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0

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

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

```
**********************************************************************
Peak Number 26  Oxalic acid, bis(6-ethyloct...  Concentration Rank 36

  R.T.     EstConc          Area       Relative to ISTD         R.T.
----------------------------------------------------------------------
 14.653    3.99 ug/L        91669    1,4-Dichlorobenzene-d4     13.556

 Hit# of  5    Tentative ID             MW  MolForm       CAS#       Qual
----------------------------------------------------------------------
 1 Oxalic acid, bis(6-ethyloct-3-yl... 370 C22H42O4       1000309-34-6 87
 2 Oxalic acid, 6-ethyloct-3-yl hex... 314 C18H34O4       1000309-34-4 80
 3 Oxalic acid, 6-ethyloct-3-yl hep... 328 C19H36O4       1000309-34-5 80
 4 Oxalic acid, 6-ethyloct-3-yl iso... 314 C18H34O4       1000309-34-3 74
 5 Oxalic acid, butyl 6-ethyloct-3-... 286 C16H30O4       1000309-34-2 64
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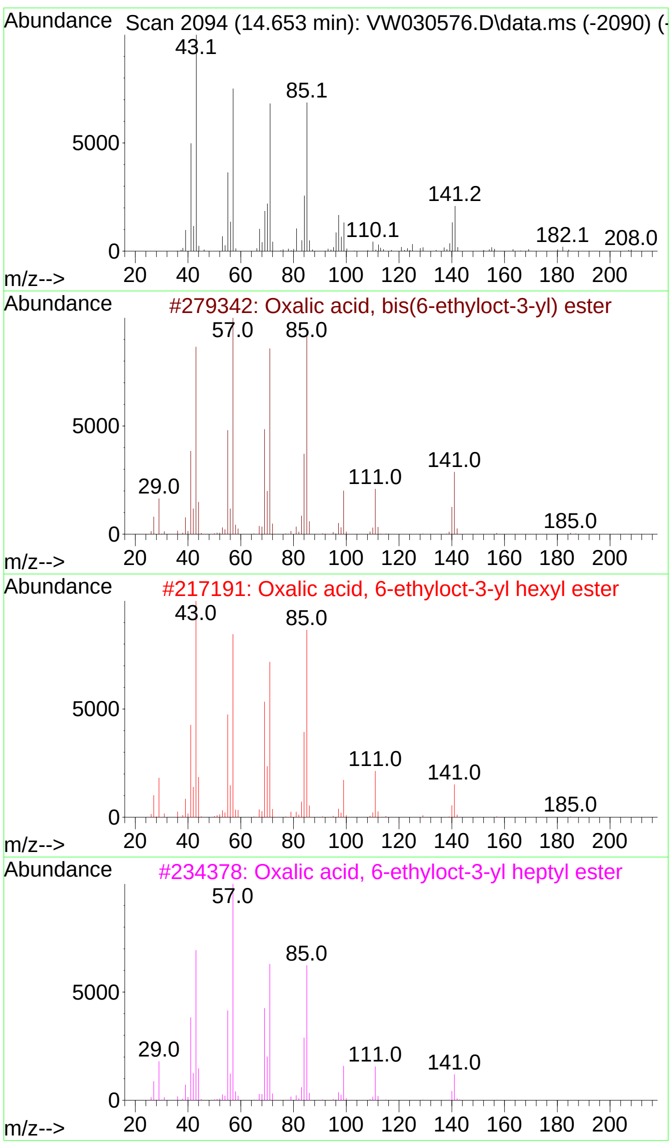
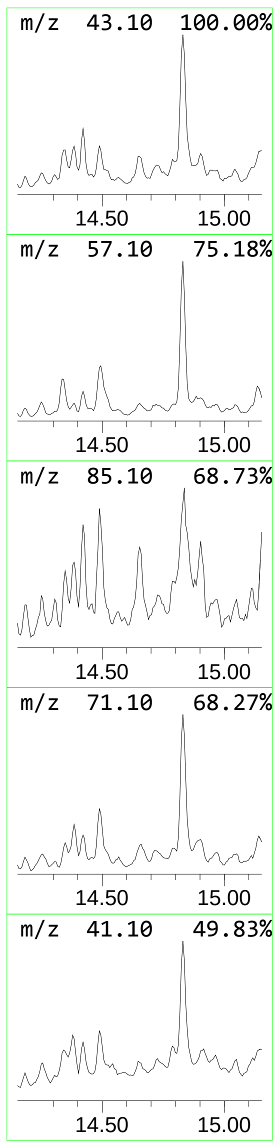




Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

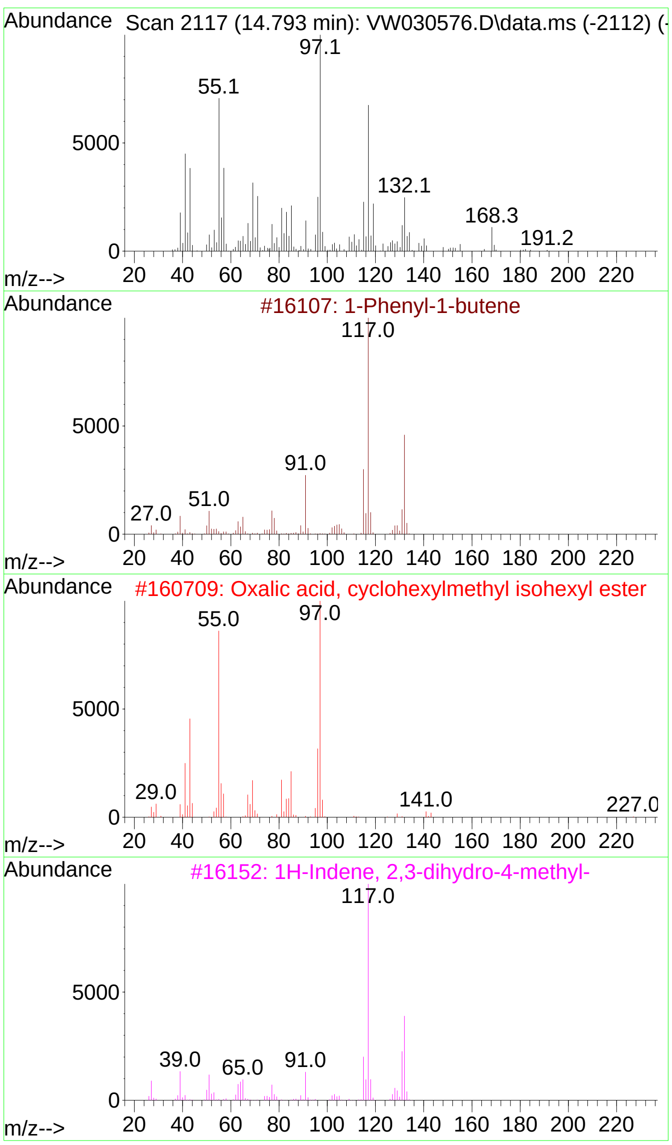
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

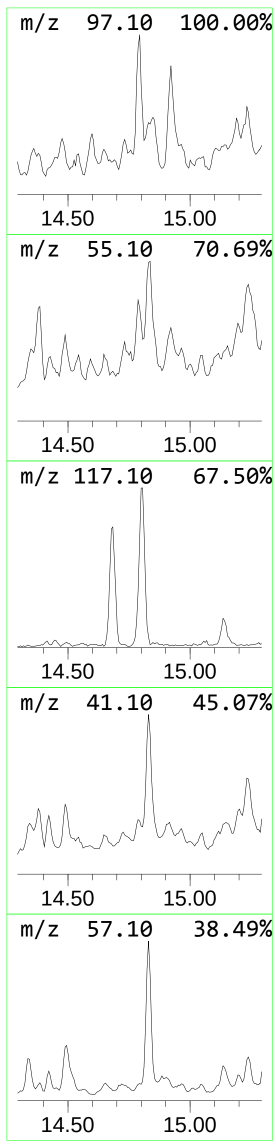
****

Peak Number 27 1-Phenyl-1-butene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	11.28 ug/L	259292	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	51
2	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	38
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	35
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	35
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	30





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

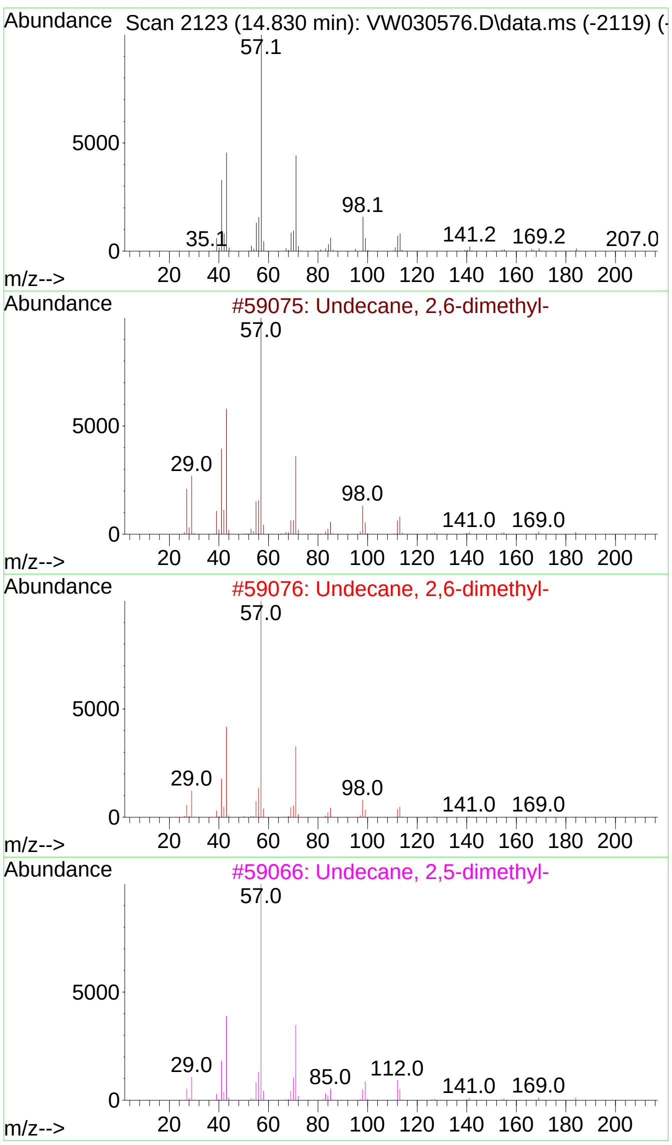
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

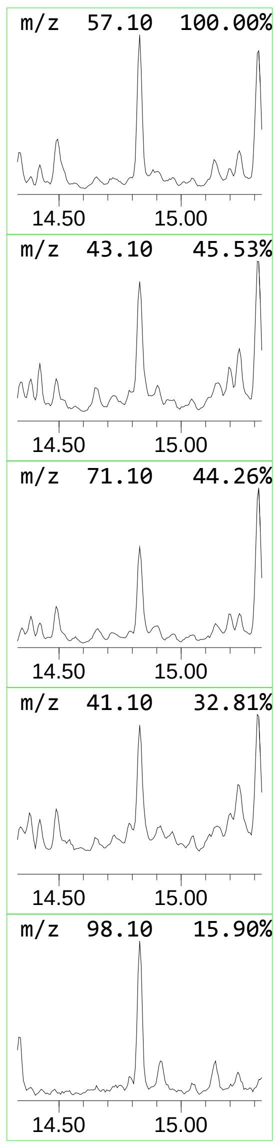
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	39.76 ug/L	913762	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	87
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72





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Data File : VW030576.D
Acq On    : 12 Oct 2024  03:13
Operator  : SY/MD
Sample    : P4361-05
Misc      : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 42   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0

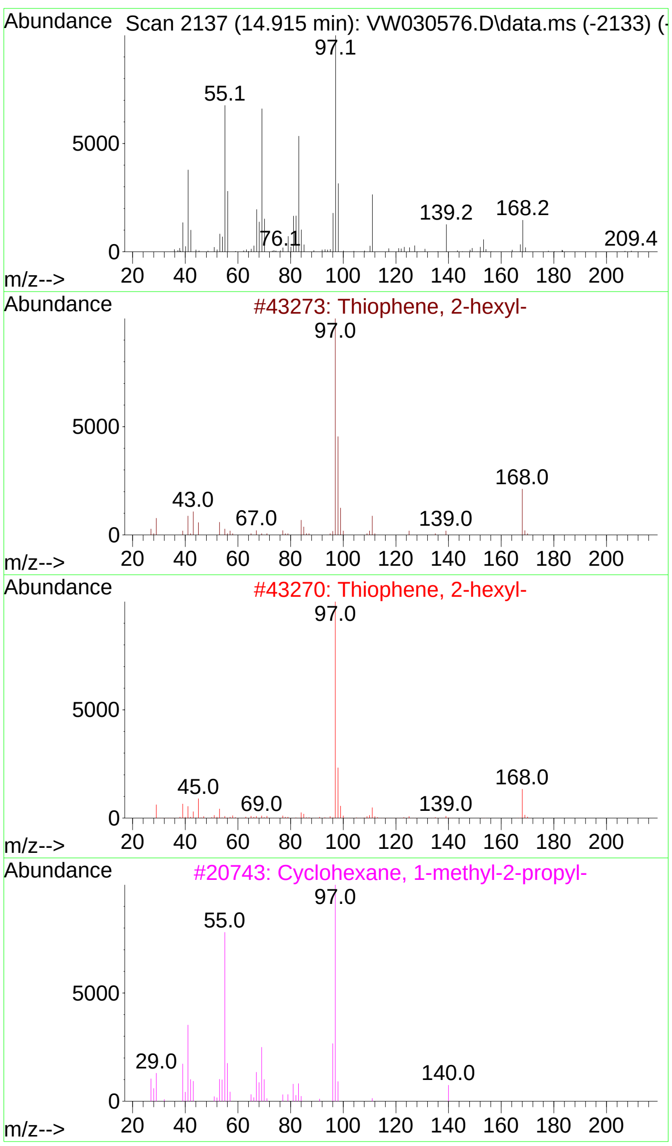
TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

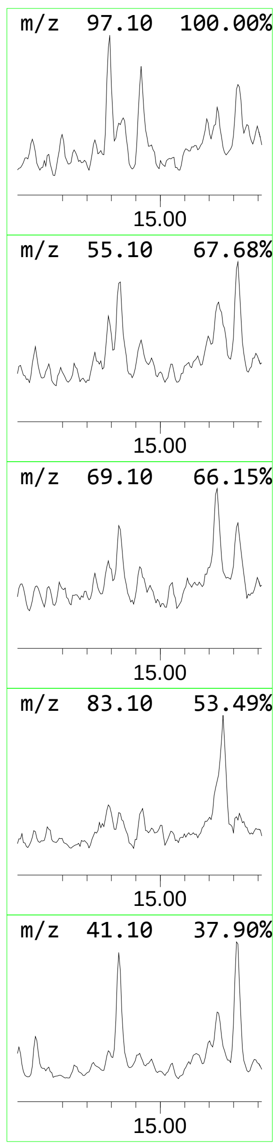
Instrument :
MSVOA_W
ClientSampleId :
EOAY7

```
*********************************************************************
Peak Number 29  unknown-02                      Concentration Rank 35
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.915	4.07 ug/L	93488	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-hexyl-	168	C10H16S	018794-77-9	49
2	Thiophene, 2-hexyl-	168	C10H16S	018794-77-9	38
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	38
4	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	1000283-20-9	35
5	Cyclododecane	168	C12H24	000294-62-2	35





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Data File : VW030576.D
Acq On    : 12 Oct 2024  03:13
Operator  : SY/MD
Sample    : P4361-05
Misc      : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 42   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0

TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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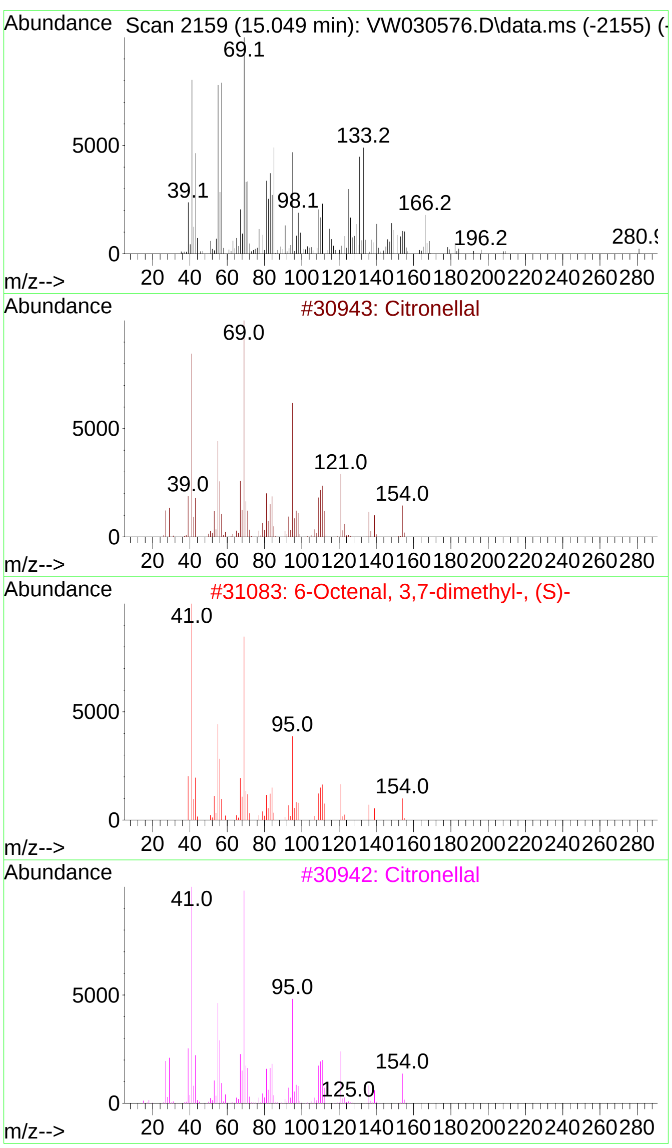
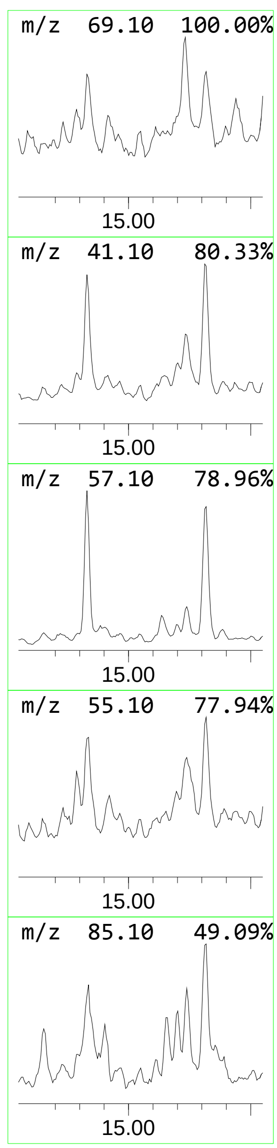
Instrument :
MSVOA_W
ClientSampleId :
EOAY7

```
**********************************************************************
Peak Number 30  unknown-03                      Concentration Rank 30
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.049	5.31 ug/L	121967	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Citronellal	154	C10H18O	000106-23-0	46
2	6-Octenal, 3,7-dimethyl-, (S)-	154	C10H18O	005949-05-3	38
3	Citronellal	154	C10H18O	000106-23-0	38
4	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	27
5	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	25





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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On    : 12 Oct 2024  03:13
Operator  : SY/MD
Sample    : P4361-05
Misc      : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 42   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0

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

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

```
*********************************************************************
Peak Number 31  unknown-04                      Concentration Rank 39

  R.T.     EstConc          Area       Relative to ISTD         R.T.
---------------------------------------------------------------------
 15.110    2.68 ug/L        61585    1,4-Dichlorobenzene-d4     13.556

 Hit# of  5     Tentative ID              MW  MolForm       CAS#       Qual
---------------------------------------------------------------------
 1 Oxalic acid, 6-ethyloct-3-yl iso... 314 C18H34O4       1000309-34-3 27
 2 Cyanamide, dibutyl-                 154 C9H18N2        002050-54-6 25
 3 2-Cyano-1-(thiiran-2-yl)ethyl ac... 171 C7H9NO2S       1000477-78-4 22
 4 1,4-Benzodioxin, octahydro-2-met... 154 C9H14O2        038653-34-8 18
 5 2H-Pyran, tetrahydro-2-[(tetrahy... 186 C10H18O3       000710-14-5 14
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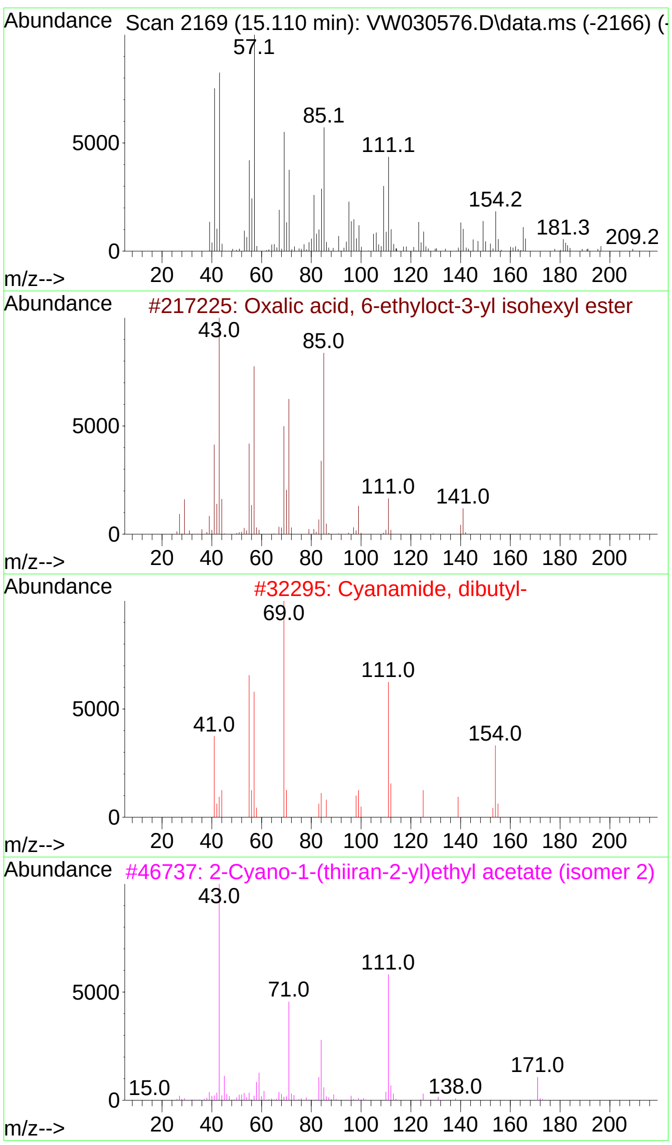
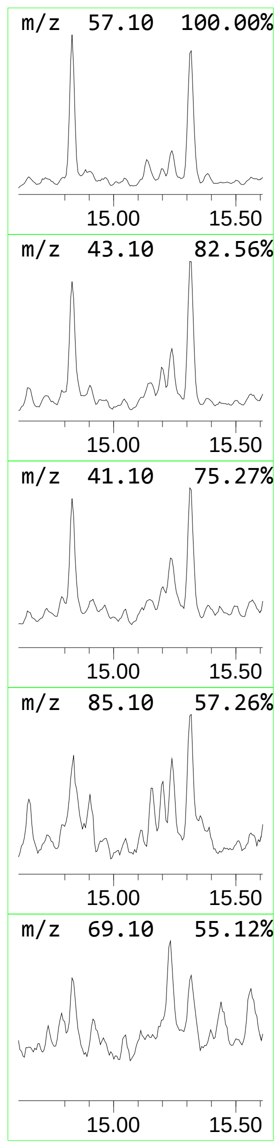




Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

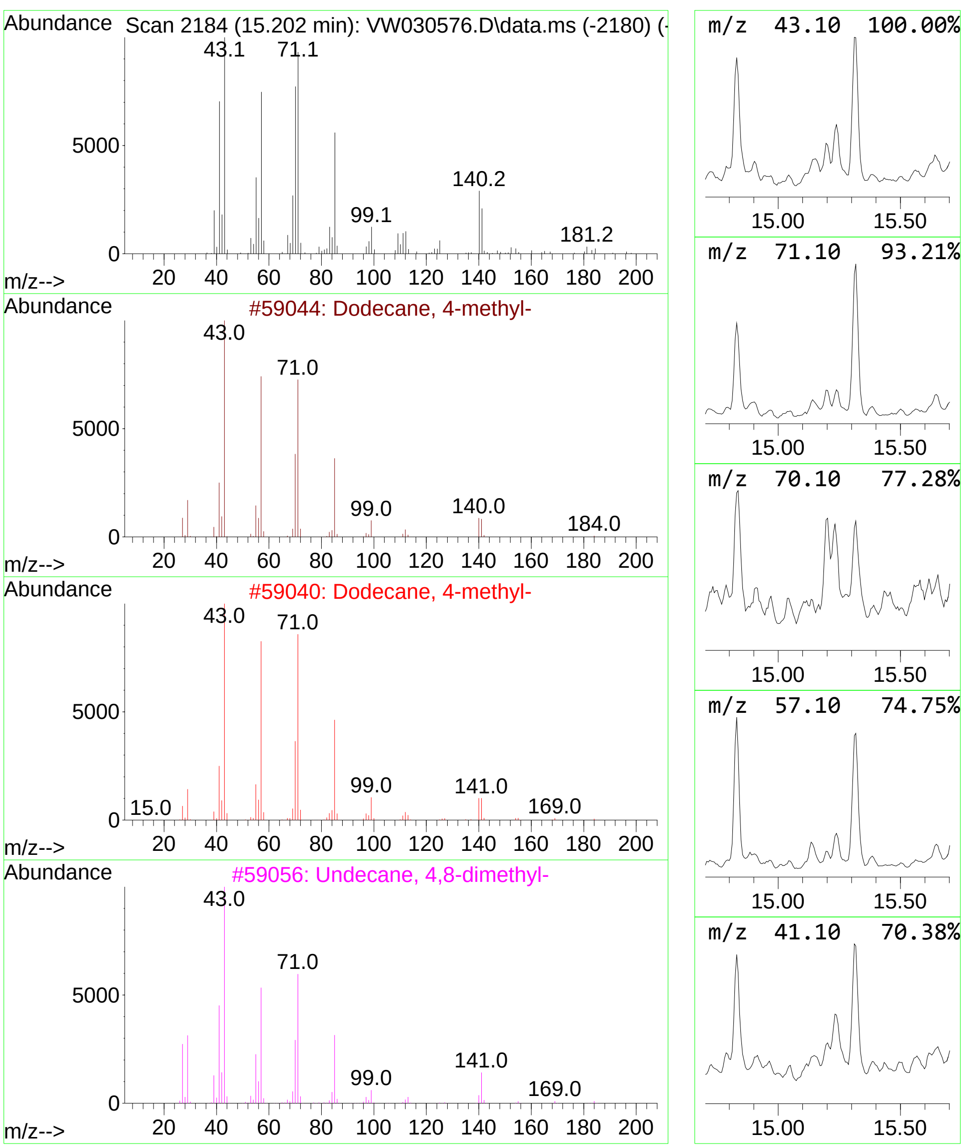
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

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

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.202	6.09 ug/L	140009	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	93
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	70
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	58
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	47
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43



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Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EOAY7

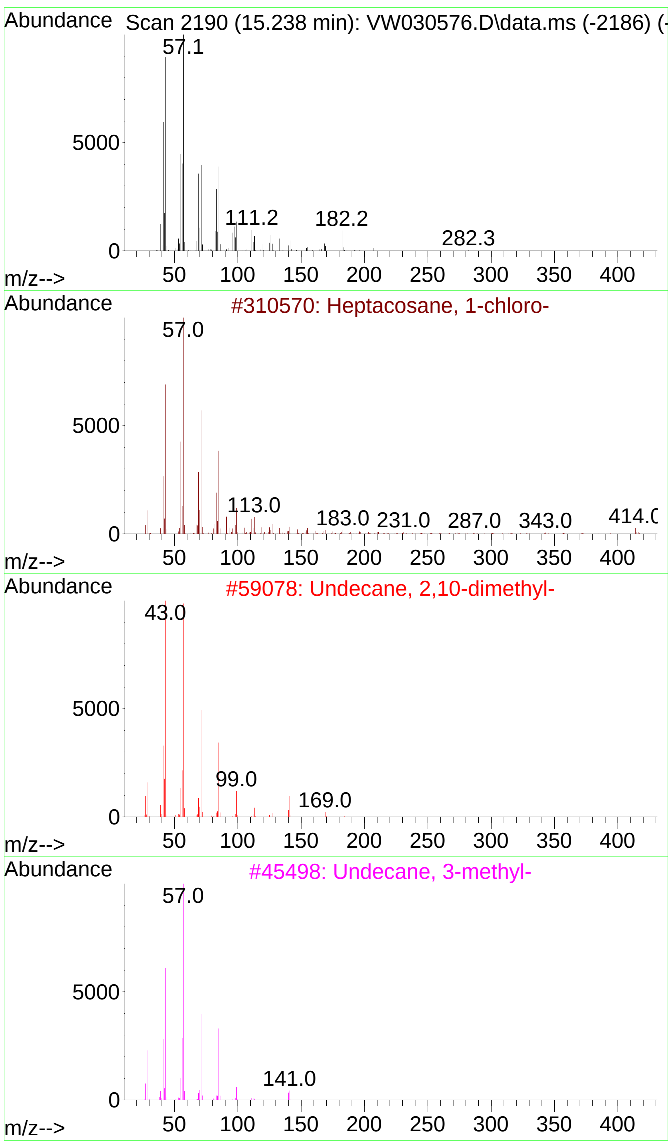
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

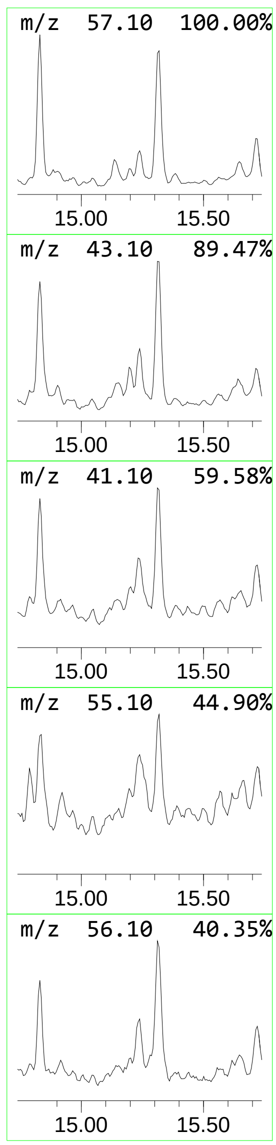
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Heptacosane, 1-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.238	19.16 ug/L	440474	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	58
2	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	55
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	53
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	50
5	5-Hydroxycyclooct-3-ene-1,2-dione	154	C8H10O3	1000443-21-6	49





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Data File : VW030576.D
Acq On    : 12 Oct 2024  03:13
Operator  : SY/MD
Sample    : P4361-05
Misc      : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 42   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0

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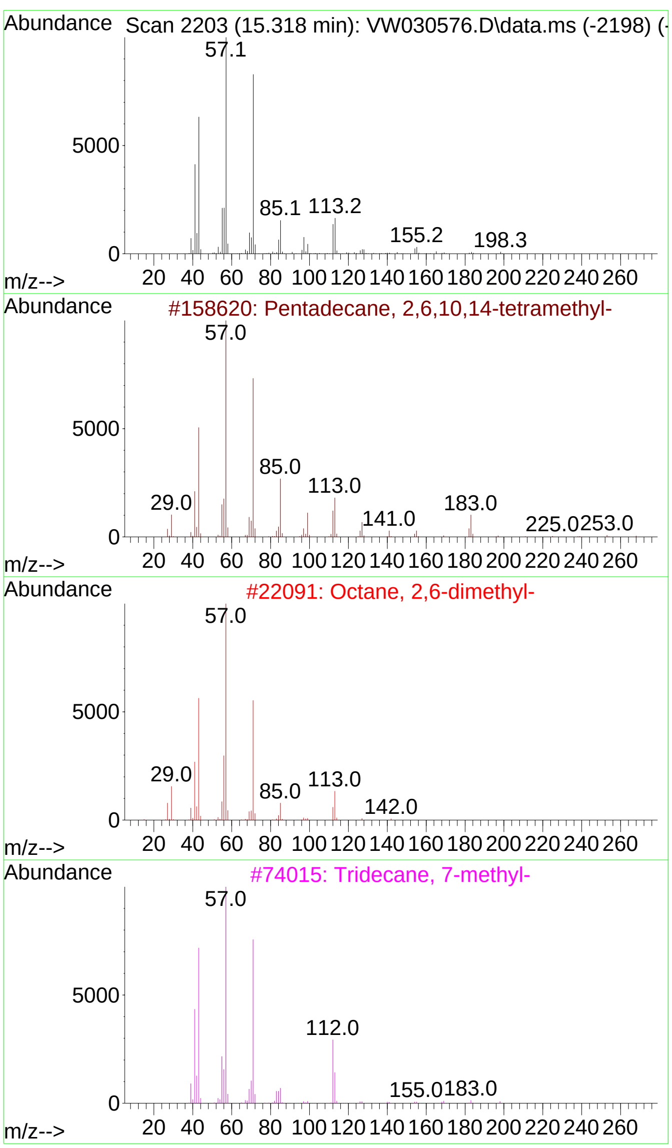
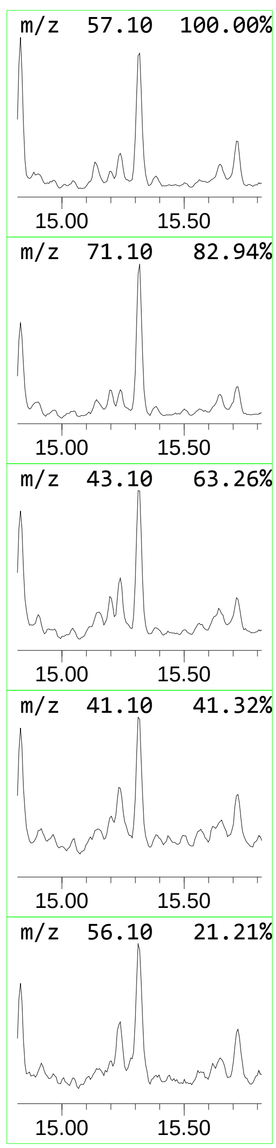

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

```
*********************************************************************
Peak Number 34  (DEL) Alkane: Straight-Chai...  Concentration Rank  4
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	40.10 ug/L	921626	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	83
4	Decane, 5-propyl-	184	C13H28	017312-62-8	64
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64





Library Search Compound Report

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Data File : VW030576.D
Acq On    : 12 Oct 2024  03:13
Operator  : SY/MD
Sample    : P4361-05
Misc      : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 42   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0

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

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

```
*********************************************************************
Peak Number 35  Azulene                        Concentration Rank  1

  R.T.     EstConc          Area       Relative to ISTD         R.T.
---------------------------------------------------------------------
 15.354  168.76 ug/L      3878880   1,4-Dichlorobenzene-d4     13.556

 Hit# of  5    Tentative ID             MW  MolForm       CAS#       Qual
---------------------------------------------------------------------
 1 Naphthalene                         128 C10H8         000091-20-3 95
 2 Azulene                             128 C10H8         000275-51-4 91
 3 Azulene                             128 C10H8         000275-51-4 91
 4 Azulene                             128 C10H8         000275-51-4 90
 5 Azulene                             128 C10H8         000275-51-4 90
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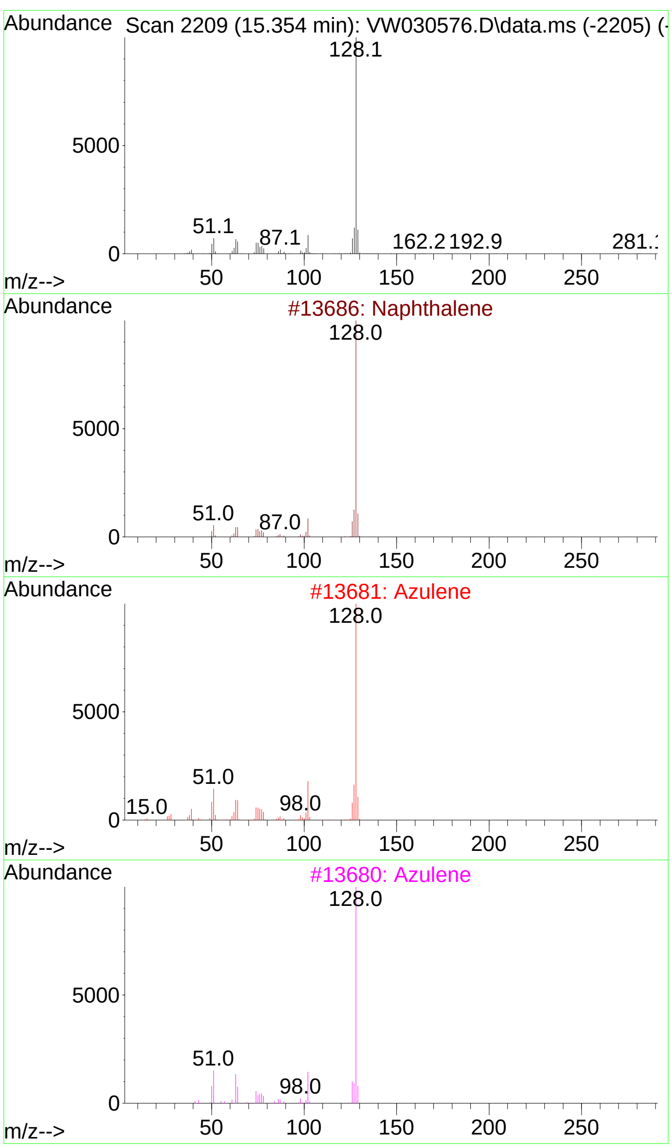

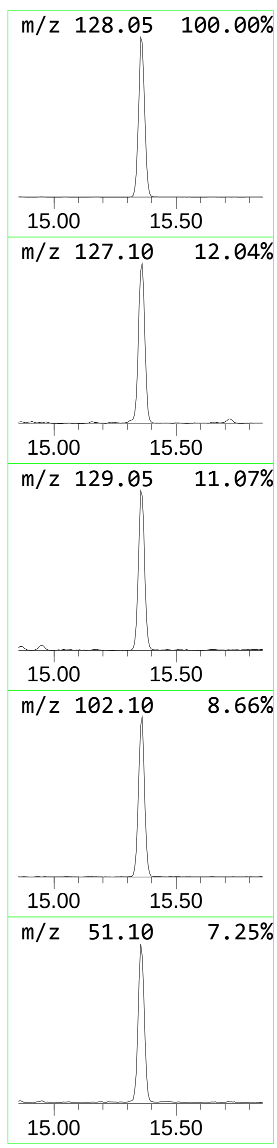

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Data File : VW030576.D
Acq On    : 12 Oct 2024  03:13
Operator  : SY/MD
Sample    : P4361-05
Misc      : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 42   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0

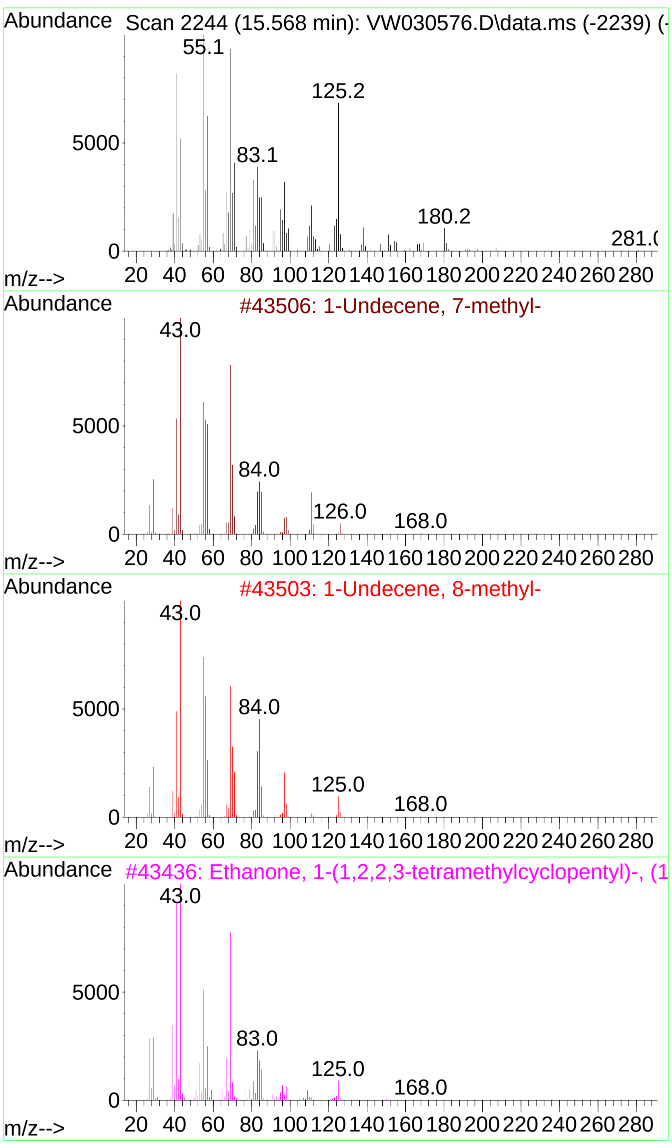
TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

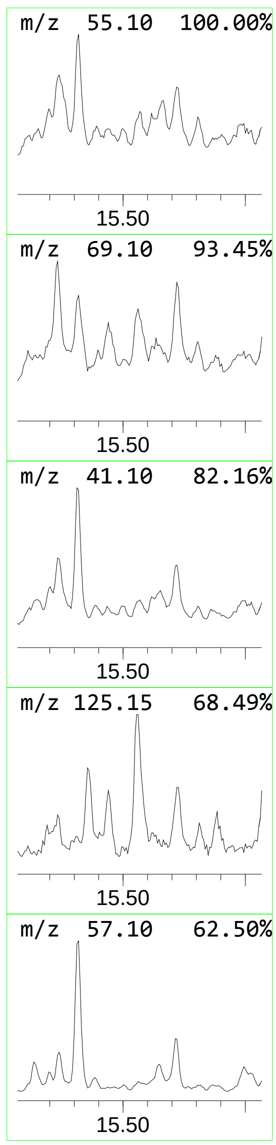
Instrument :
MSVOA_W
ClientSampleId :
EOAY7

```
*********************************************************************
Peak Number 36  (DEL) Alkane: Straight-Chai...  Concentration Rank 20
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.568	8.25 ug/L	189615	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	50
2	1-Undecene, 8-methyl-	168	C12H24	074630-40-3	49
3	Ethanone, 1-(1,2,2,3-tetramethyl...	168	C11H20O	059642-07-8	49
4	1-Hentetracontanol	593	C41H84O	040710-42-7	43
5	Hexatriacontyl trifluoroacetate	619	C38H73F3O2	1000351-88-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

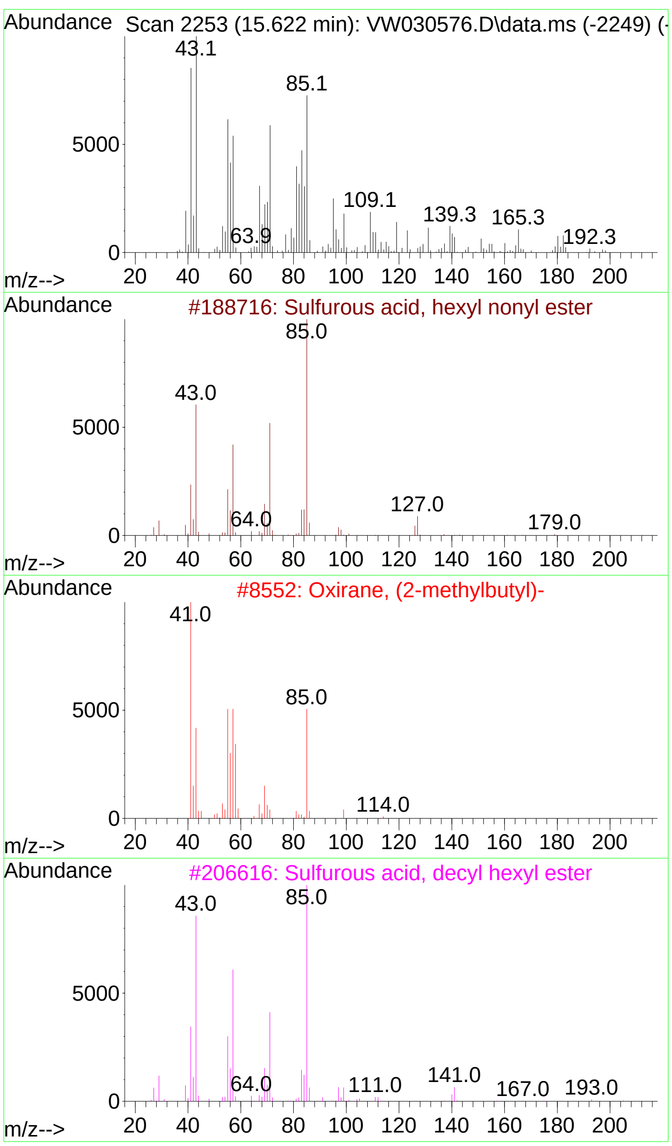
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

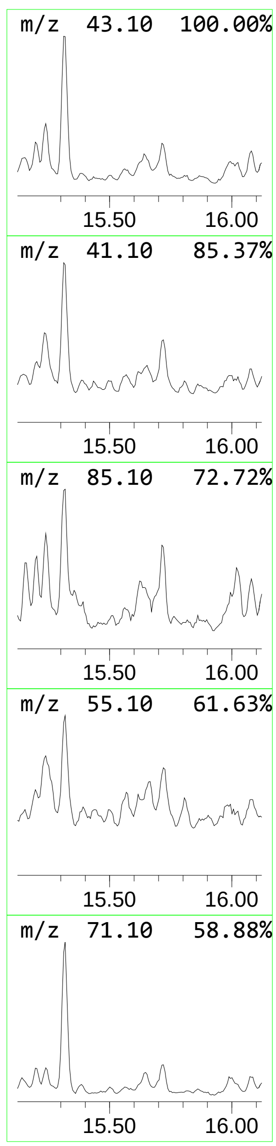
****

Peak Number 37 unknown-05 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.623	4.75 ug/L	109224	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	27
2	Oxirane, (2-methylbutyl)-	114	C7H14O	053229-42-8	25
3	Sulfurous acid, decyl hexyl ester	306	C16H34O3S	1000309-13-2	22
4	10-Methylundecan-4-olide	198	C12H22O2	1000370-40-5	22
5	2H-Pyran, tetrahydro-2-(2-propyn...	140	C8H12O2	006089-04-9	22





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EOAY7

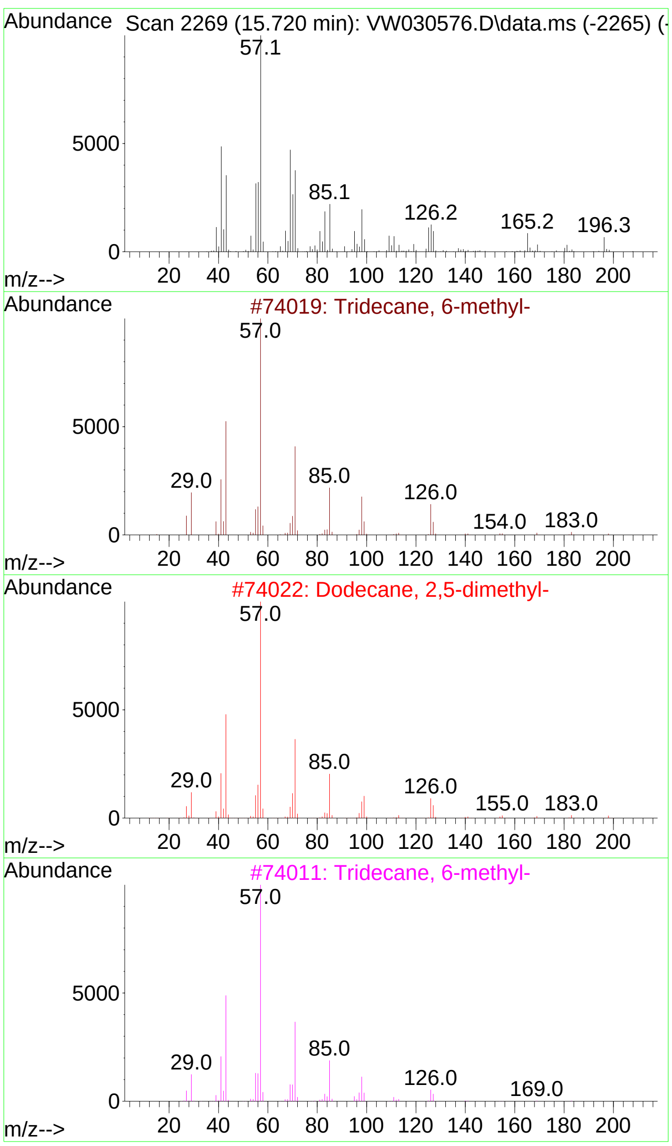
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

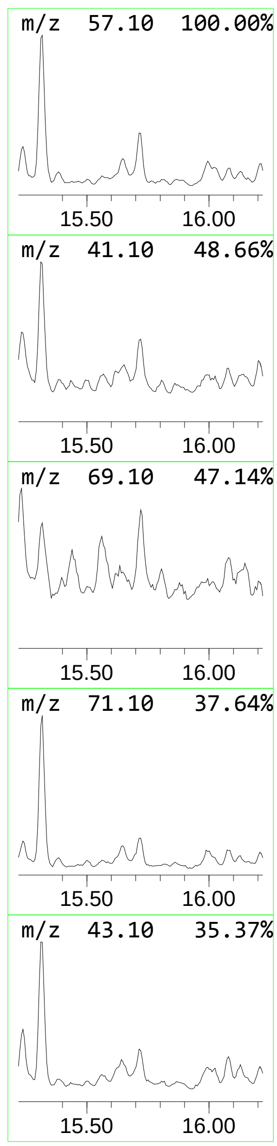
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	22.20 ug/L	510158	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	92
2	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	58
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
4	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	50
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	47





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Data File : VW030576.D
Acq On    : 12 Oct 2024  03:13
Operator  : SY/MD
Sample    : P4361-05
Misc      : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 42   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0

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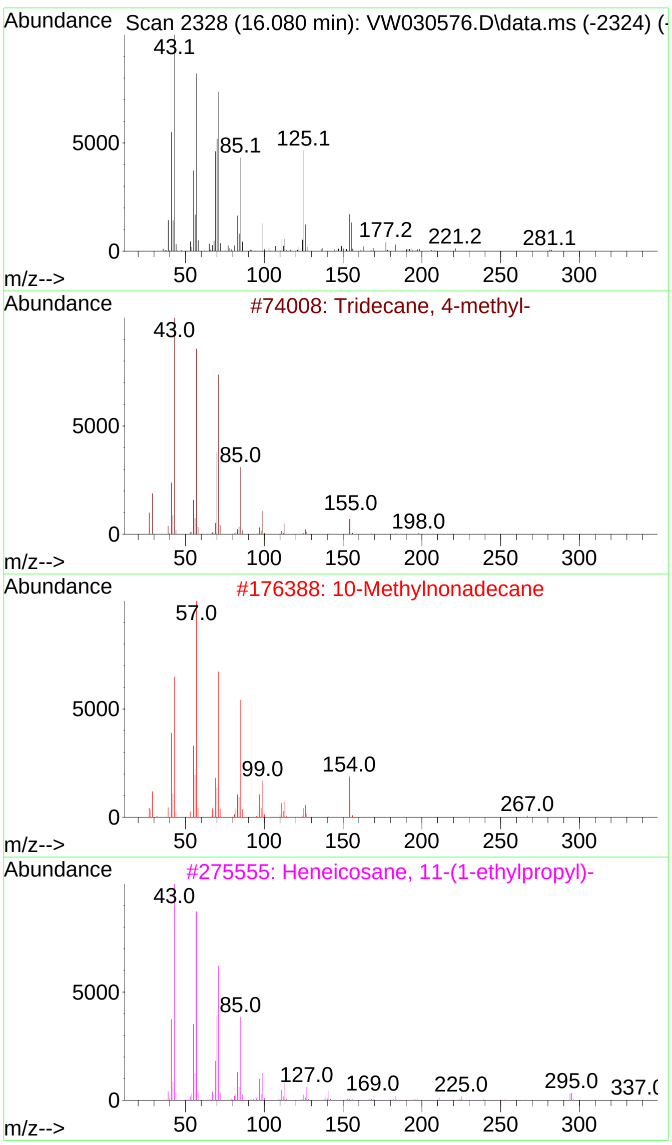
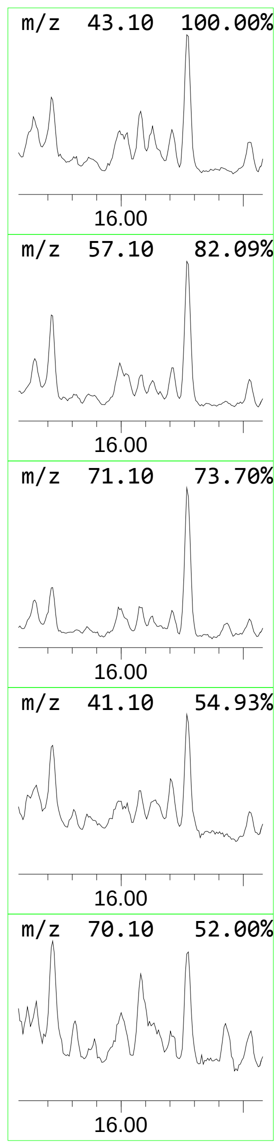

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

```
*********************************************************************
Peak Number 39  (DEL) Alkane: Straight-Chai...  Concentration Rank 27
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.080	5.96 ug/L	136938	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	68
2	10-Methylnonadecane	282	C20H42	056862-62-5	62
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	58
4	2,3-Dimethyldodecane	198	C14H30	006117-98-2	58
5	1-Iodoundecane	282	C11H23I	004282-44-4	55





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Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

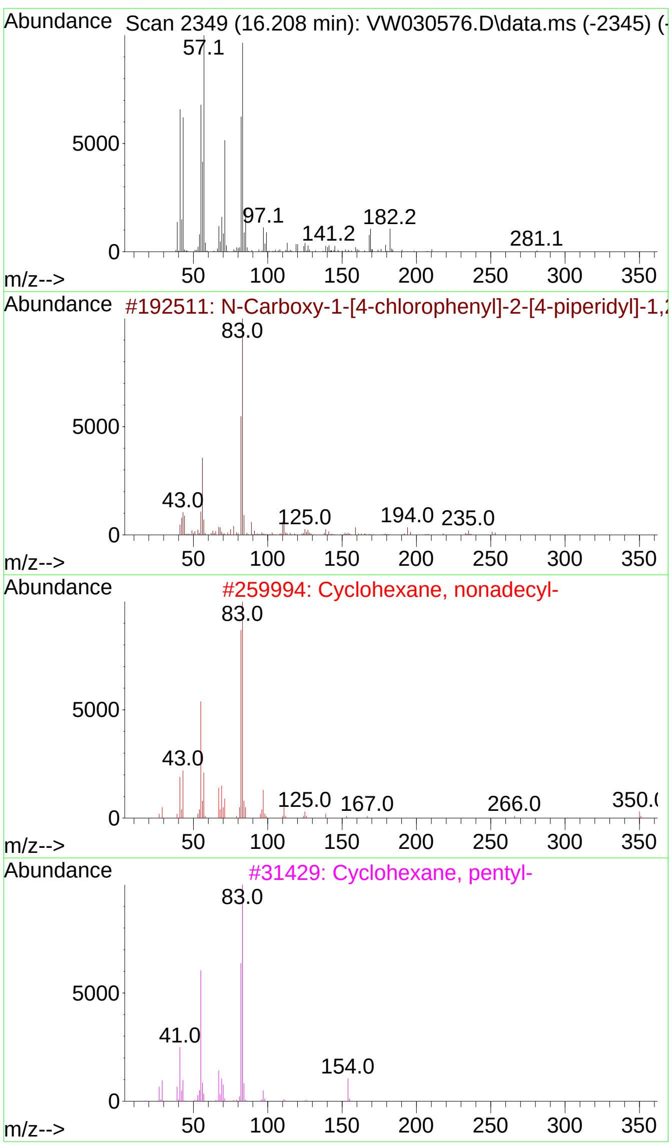
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

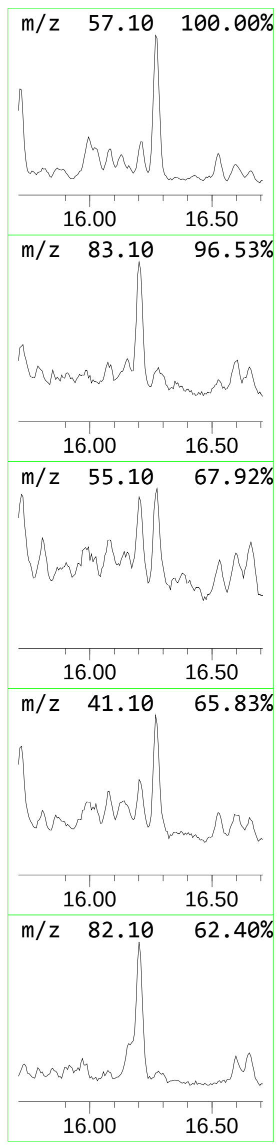
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 unknown-06 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.208	10.28 ug/L	236243	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Carboxy-1-[4-chlorophenyl]-2-[...	295	C15H18ClNO3	058158-38-6	43
2	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	43
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	38
5	Cyclohexanone, 3,3,5,5-tetramethyl-	154	C10H18O	014376-79-5	38





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Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

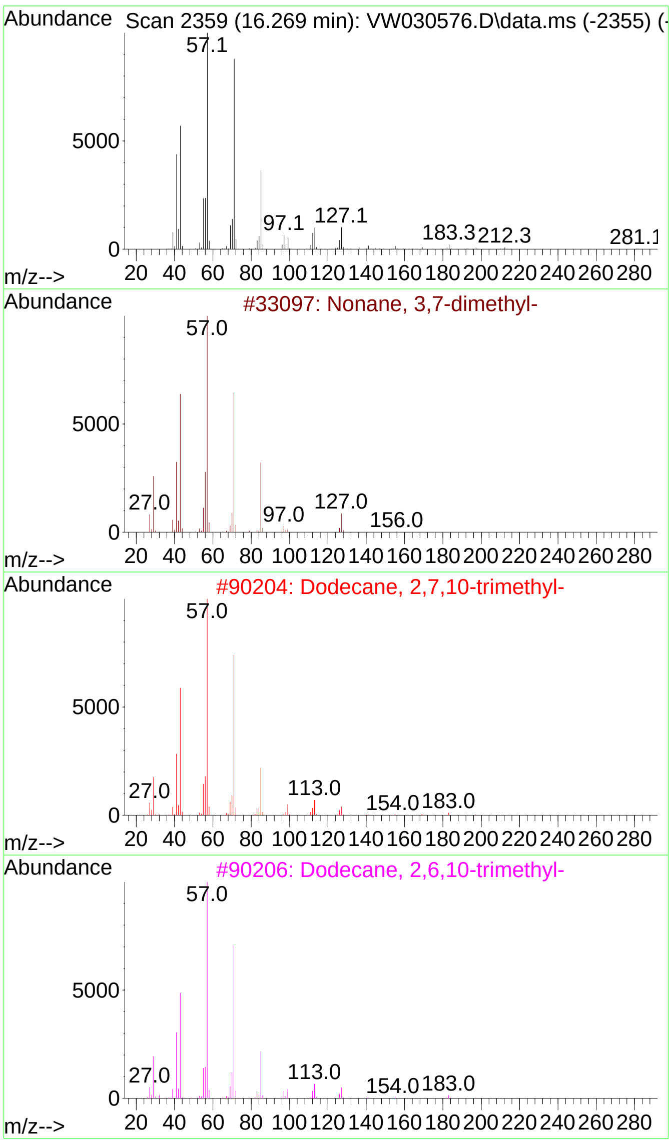
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

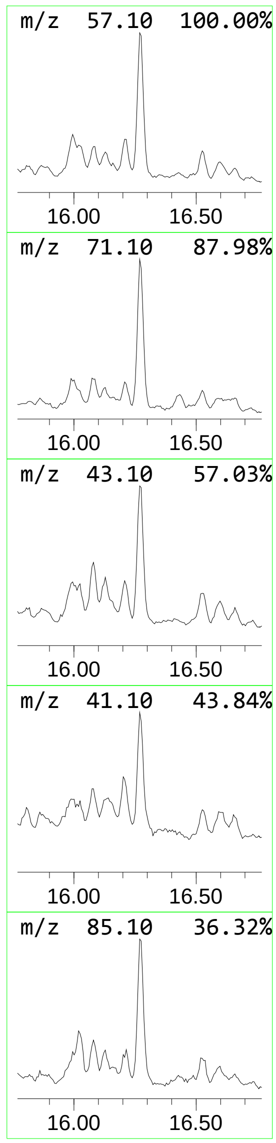
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.269	30.40 ug/L	698713	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	93
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	80
5	Decane, 5-propyl-	184	C13H28	017312-62-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

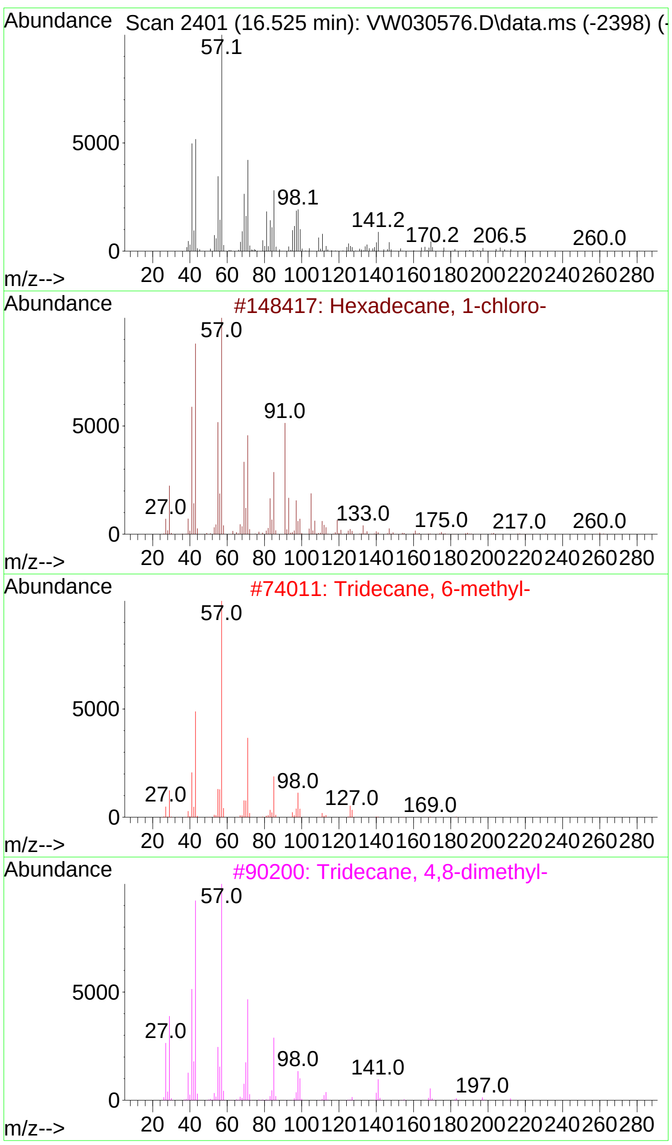
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

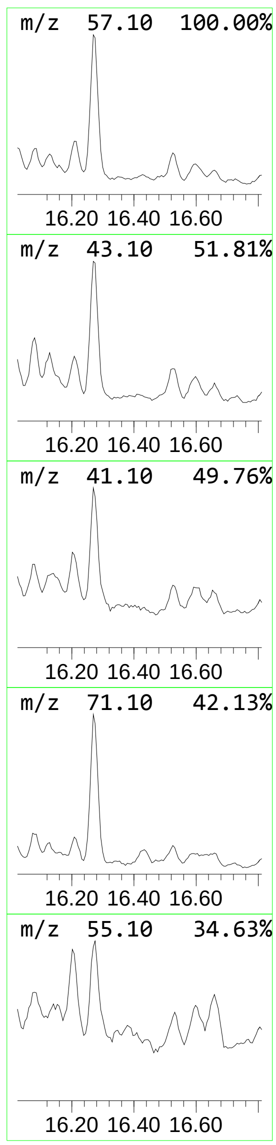
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Hexadecane, 1-chloro- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.525	5.51 ug/L	126554	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	68
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
3	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	62
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
5	Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030576.D
Acq On : 12 Oct 2024 03:13
Operator : SY/MD
Sample : P4361-05
Misc : 2.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAY7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
(DEL) Alkane: S...	12.245	1.9	ug/L	82029	2	11.629	1063590	25.0
(DEL) Alkane: S...	12.361	4.3	ug/L	182108	2	11.629	1063590	25.0
(DEL) Alkane: S...	12.751	2.5	ug/L	56831	3	13.556	574617	25.0
Benzene, 1-ethy...	12.861	4.8	ug/L	110886	3	13.556	574617	25.0
Oxalic acid, 6-...	13.074	2.8	ug/L	64121	3	13.556	574617	25.0
Benzene, 1-ethy...	13.105	2.0	ug/L	45493	3	13.556	574617	25.0
(DEL) Alkane: S...	13.160	8.7	ug/L	199950	3	13.556	574617	25.0
(DEL) Alkane: S...	13.184	6.7	ug/L	155031	3	13.556	574617	25.0
Hexadecyl octyl...	13.342	1.8	ug/L	41465	3	13.556	574617	25.0
Oxalic acid, 6-...	13.403	13.1	ug/L	300389	3	13.556	574617	25.0
unknown-01	13.440	2.4	ug/L	55436	3	13.556	574617	25.0
(DEL) Alkane: S...	13.477	3.8	ug/L	87716	3	13.556	574617	25.0
(DEL) Alkane: C...	13.696	5.0	ug/L	115030	3	13.556	574617	25.0
Indane	13.757	67.4	ug/L	1548330	3	13.556	574617	25.0
(DEL) Alkane: S...	14.025	5.9	ug/L	134784	3	13.556	574617	25.0
11H-Dibenzo[b,e...	14.062	51.9	ug/L	1193870	3	13.556	574617	25.0
(DEL) Alkane: S...	14.123	9.1	ug/L	209496	3	13.556	574617	25.0
1-Methyl-2-phen...	14.196	6.5	ug/L	150127	3	13.556	574617	25.0
(DEL) Alkane: S...	14.257	6.2	ug/L	142352	3	13.556	574617	25.0
(DEL) Alkane: S...	14.342	13.4	ug/L	307396	3	13.556	574617	25.0
(DEL) Alkane: C...	14.379	11.3	ug/L	259410	3	13.556	574617	25.0
(DEL) Alkane: S...	14.422	7.5	ug/L	171678	3	13.556	574617	25.0
(DEL) Alkane: S...	14.489	15.2	ug/L	349057	3	13.556	574617	25.0
Oxalic acid, bi...	14.653	4.0	ug/L	91669	3	13.556	574617	25.0
1-Phenyl-1-butene	14.793	11.3	ug/L	259292	3	13.556	574617	25.0
(DEL) Alkane: S...	14.830	39.8	ug/L	913762	3	13.556	574617	25.0
unknown-02	14.915	4.1	ug/L	93488	3	13.556	574617	25.0
unknown-03	15.049	5.3	ug/L	121967	3	13.556	574617	25.0
unknown-04	15.110	2.7	ug/L	61585	3	13.556	574617	25.0
(DEL) Alkane: S...	15.202	6.1	ug/L	140009	3	13.556	574617	25.0
Heptacosane, 1-...	15.238	19.2	ug/L	440474	3	13.556	574617	25.0
(DEL) Alkane: S...	15.318	40.1	ug/L	921626	3	13.556	574617	25.0
Azulene	15.354	168.8	ug/L	3878880	3	13.556	574617	25.0
(DEL) Alkane: S...	15.568	8.3	ug/L	189615	3	13.556	574617	25.0
unknown-05	15.623	4.8	ug/L	109224	3	13.556	574617	25.0
(DEL) Alkane: S...	15.720	22.2	ug/L	510158	3	13.556	574617	25.0
(DEL) Alkane: S...	16.080	6.0	ug/L	136938	3	13.556	574617	25.0
unknown-06	16.208	10.3	ug/L	236243	3	13.556	574617	25.0
(DEL) Alkane: S...	16.269	30.4	ug/L	698713	3	13.556	574617	25.0
Hexadecane, 1-c...	16.525	5.5	ug/L	126554	3	13.556	574617	25.0