LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

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\SFAMWLM071322SMA.M
Title : SFAM01.0

Signal : TIC: VW023682.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.044	21	23	26	rBV4	1450	1995	0.23%	0.022%
2	2.251	48	57	58	rBV5	9977	22474	2.59%	0.248%
3	2.355	68	74	81	rVB2	166865	297696	34.30%	3.281%
4	2.879	154	160	171	rVB	54496	120573	13.89%	1.329%
5	3.020	178	183	192	rVB2	26348	57210	6.59%	0.631%
6	3.373	235	241	249	rBV4	6741	16125	1.86%	0.178%
7	3.867	318	322	325	rBV5	1436	2300	0.27%	0.025%
8	4.019	334	347	358	rBV2	57656	184919	21.31%	2.038%
9	4.391	403	408	410	rBV5	4162	6199	0.71%	0.068%
10	4.952	479	500	515	rBV3	67488	321341	37.03%	3.542%
11	5.294	554	556	559	rVB4	2077	2186	0.25%	0.024%
12	5.434	566	579	592	rVV3	60749	211499	24.37%	2.331%
13	5.793	637	638	642	rVB3	1995	2034	0.23%	0.022%
14	5.934	653	661	671	rVB2	20440	59905	6.90%	0.660%
15	6.080	681	685	686	rBV4	2049	2789	0.32%	0.031%
16	6.714	778	789	796	rVV9	3746	11759	1.35%	0.130%
17	6.873	804	815	823	rVV2	29431	95574	11.01%	1.053%
18	6.982	824	833	842	rVV	65843	193103	22.25%	2.128%
19	7.074	842	848	854	rVV2	28409	76852	8.85%	0.847%
20	7.165	854	863	877	rVV2	181548	526356	60.65%	5.801%
21	7.513	916	920	922	rVV5	1590	2114	0.24%	0.023%
22	7.531	922	923	930	rVB7	2833	4135	0.48%	0.046%
23	7.647	930	942	957	rBV	122087	336742	38.80%	3.711%
24	7.842	968	974	981	rBV8	2540	8297	0.96%	0.091%
25	7.952	981	992	998	rBV3	48740	147810	17.03%	1.629%
26	8.031	998	1005	1017	rVB2	218521	539604	62.17%	5.947%
27	8.153	1017	1025	1031	rBV3	30840	73172	8.43%	0.806%
28	8.275	1031	1045	1062	rVB4	249893	867901	100.00%	9.565%
29	8.439	1064	1072	1073	rBV4	45806	92116	10.61%	1.015%
30	8.573	1088	1094	1105	rVB2	39783	106166	12.23%	1.170%
31	8.671	1105	1110	1112	rBV5	3938	6530	0.75%	0.072%
32	8.689	1112	1113	1121	rVB8	4764	7758	0.89%	0.086%
33	8.842	1129	1138	1151	rBV	262106	529259	60.98%	5.833%
34	8.994	1160	1163	1168	rVB7	2900	4031	0.46%	0.044%
35	9.079	1168	1177	1192	rVB7	12349	41838	4.82%	0.461%
36	9.275	1198	1209	1214	rBV	177612	391086	45.06%	4.310%

LSC Area Percent Report

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Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

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\SFAMWLM071322SMA.M
Title : SFAM01.0

37	9.329	1215	1218	1225	rVB2	92209	169121	19.49%	1.864%
38	9.512	1244	1248	1255	rVB2	20494	38014	4.38%	0.419%
39	9.604	1258	1263	1269	rVB9	2609	6383	0.74%	0.070%
40	9.677	1269	1275	1277	rBV6	4289	8284	0.95%	0.091%
41	9.756	1282	1288	1297	rVB2	46343	89900	10.36%	0.991%
42	9.890	1301	1310	1318	rBV2	42900	96314	11.10%	1.062%
43	10.037	1323	1334	1345	rBV	72447	148733	17.14%	1.639%
44	10.213	1360	1363	1365	rVV3	4050	5342	0.62%	0.059%
45	10.250	1367	1369	1373	rVB5	6160	6773	0.78%	0.075%
46	10.323	1373	1381	1387	rBV	330040	588957	67.86%	6.491%
47	10.384	1387	1391	1397	rVB	13574	26826	3.09%	0.296%
48	10.494	1405	1409	1417	rBV10	4586	9958	1.15%	0.110%
49	10.579	1417	1423	1433	rVB	50779	90227	10.40%	0.994%
50	10.658	1433	1436	1438	rBV3	4305	5306	0.61%	0.058%
51	10.701	1440	1443	1447	rVV	10017	16559	1.91%	0.183%
52	10.750	1448	1451	1459	rVB9	10326	22995	2.65%	0.253%
53	10.841	1460	1466	1472	rVB8	4870	11666	1.34%	0.129%
54	10.927	1472	1480	1489	rBV	106419	196151	22.60%	2.162%
55	11.006	1491	1493	1497	rVB5	2453	3503	0.40%	0.039%
56	11.061	1497	1502	1511	rVB2	16288	30633	3.53%	0.338%
57	11.146	1511	1516	1517	rBV5	2753	4031	0.46%	0.044%
58	11.335	1544	1547	1554	rVB8	4138	7673	0.88%	0.085%
59	11.402	1554	1558	1559	rBV3	2182	3221	0.37%	0.035%
60	11.439	1559	1564	1572	rVB8	10269	19433	2.24%	0.214%
61	11.542	1579	1581	1585	rVB5	1853	2114	0.24%	0.023%
62	11.628	1587	1595	1603	rBV	337618	570577	65.74%	6.289%
63	11.841	1624	1630	1632	rBV7	2983	5473	0.63%	0.060%
64	12.061	1663	1666	1669	rVV5	1318	2116	0.24%	0.023%
65	12.109	1671	1674	1678	rBV6	1142	2363	0.27%	0.026%
66	12.158	1680	1682	1691	rVB10	3694	7061	0.81%	0.078%
67	12.237	1691	1695	1697	rBV5	1765	2489	0.29%	0.027%
68	12.433	1722	1727	1728	rBV5	1297	2338	0.27%	0.026%
69	12.469	1728	1733	1738	rVV7	4678	9194	1.06%	0.101%
70	12.603	1749	1755	1761	rVB3	14613	30008	3.46%	0.331%
71	12.689	1761	1769	1776	rBV	163041	268093	30.89%	2.955%
72	12.835	1789	1793	1796	rBV6	2182	3062	0.35%	0.034%
73	12.890	1796	1802	1804	rBV6	1442	2169	0.25%	0.024%
74	12.926	1804	1808	1820	rVV10	6497	16756	1.93%	0.185%
75	13.097	1829	1836	1841	rBV4	6003	12332	1.42%	0.136%
76	13.182	1847	1850	1857	rVB4	4788	9126	1.05%	0.101%

LSC Area Percent Report

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Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

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\SFAMWLM071322SMA.M
Title : SFAM01.0

77	13.298	1864	1869	1873	rVB6	5058	8531	0.98%	0.094%
78	13.377	1873	1882	1891	rBV4	15629	49175	5.67%	0.542%
79	13.554	1904	1911	1917	rBV	287569	469495	54.10%	5.174%
80	13.646	1924	1926	1932	rVB7	6173	7889	0.91%	0.087%
81	13.713	1934	1937	1941	rVB6	2470	2889	0.33%	0.032%
82	13.762	1941	1945	1948	rBV5	6227	10114	1.17%	0.111%
83	13.792	1948	1950	1953	rVV3	4666	5638	0.65%	0.062%
84	13.853	1953	1960	1969	rVB	255697	429164	49.45%	4.730%
85	14.072	1990	1996	2006	rVB5	8377	23063	2.66%	0.254%
86	14.207	2011	2018	2024	rBV	40466	70211	8.09%	0.774%
87	14.335	2035	2039	2048	rVB7	5863	14063	1.62%	0.155%
88	14.499	2061	2066	2068	rBV5	3177	5627	0.65%	0.062%
89	14.646	2085	2090	2092	rVV5	1941	2846	0.33%	0.031%
90	14.713	2095	2101	2107	rVB8	6401	13432	1.55%	0.148%
91	14.871	2123	2127	2131	rVV7	3059	4302	0.50%	0.047%
92	14.932	2135	2137	2143	rVV7	1432	2895	0.33%	0.032%
93	15.164	2167	2175	2182	rVV10	5358	14068	1.62%	0.155%
94	15.432	2215	2219	2222	rVB5	2567	3272	0.38%	0.036%
95	15.542	2233	2237	2241	rBV6	1604	2530	0.29%	0.028%
96	15.792	2275	2278	2280	rVB4	1997	2149	0.25%	0.024%
97	15.883	2288	2293	2296	rBV5	1349	2968	0.34%	0.033%
98	16.036	2317	2318	2323	rVB4	1387	1921	0.22%	0.021%
99	16.688	2421	2425	2428	rVB4	2125	2369	0.27%	0.026%
100	16.761	2433	2437	2438	rVB4	1650	1927	0.22%	0.021%

Sum of corrected areas: 9073260

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
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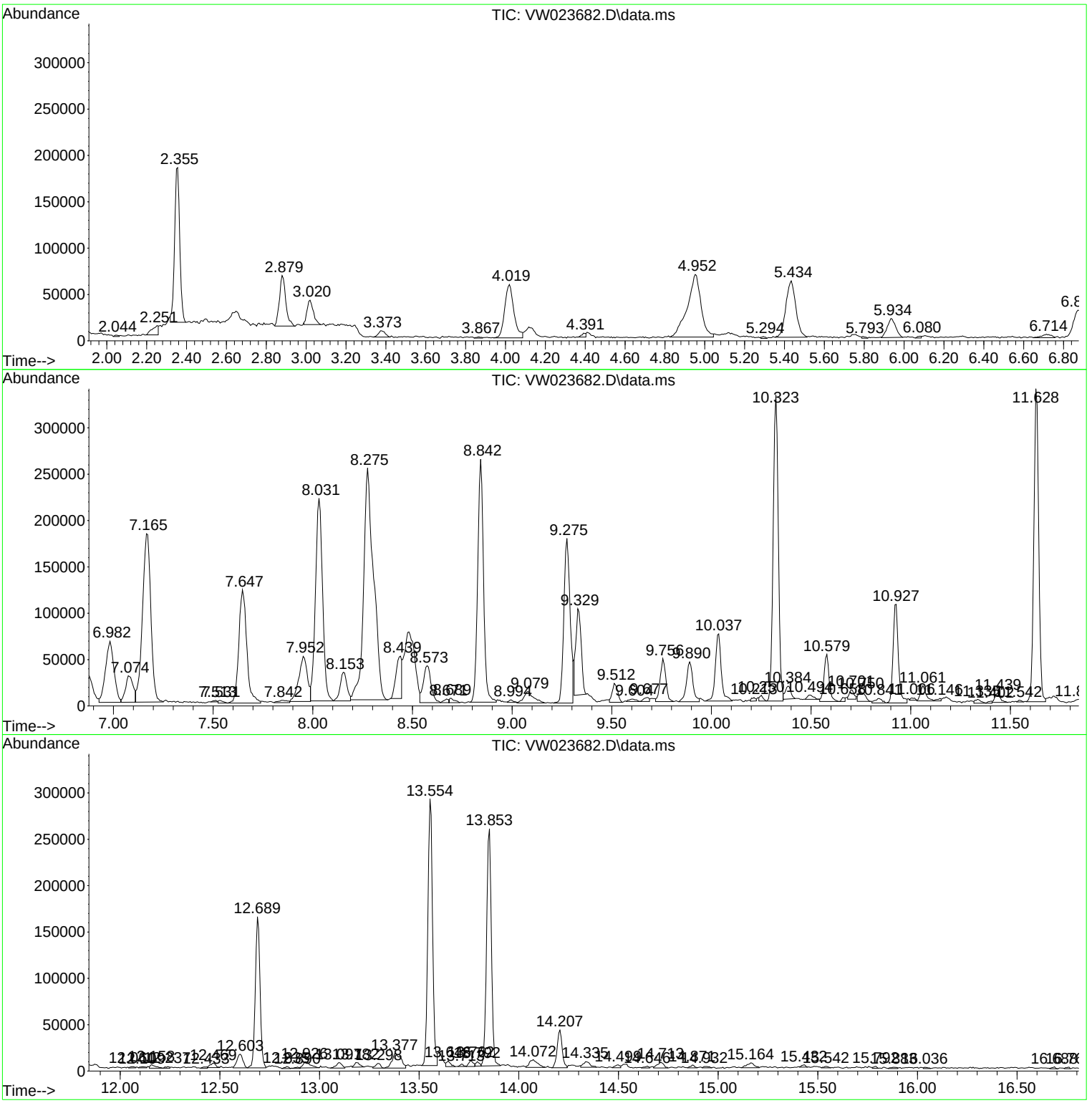
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

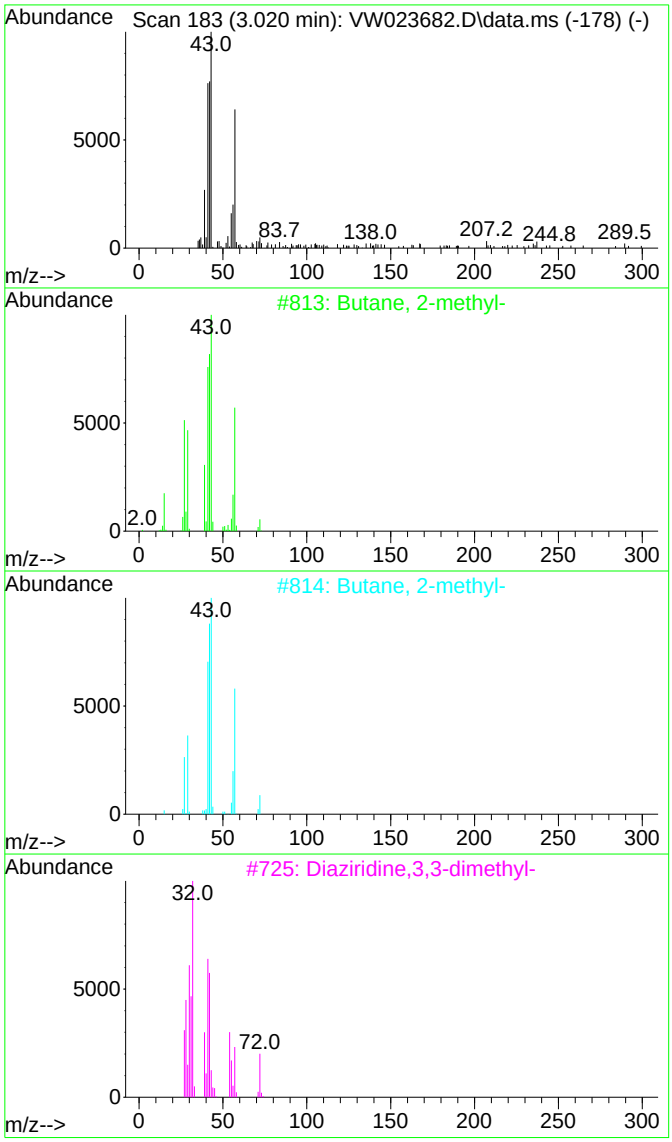
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

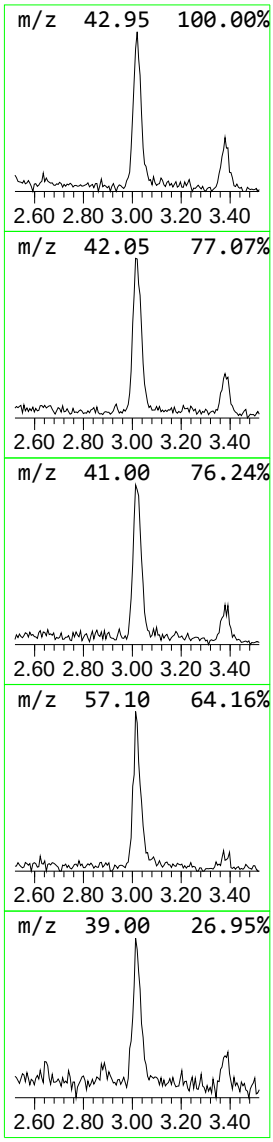
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.020	2.70 ug/L	57210	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	72
2	Butane, 2-methyl-	72	C5H12	000078-78-4	64
3	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	42
4	3-Buten-1-ol	72	C4H8O	000627-27-0	40
5	N-(2-Propynyl)aziridine	81	C5H7N	041104-29-4	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

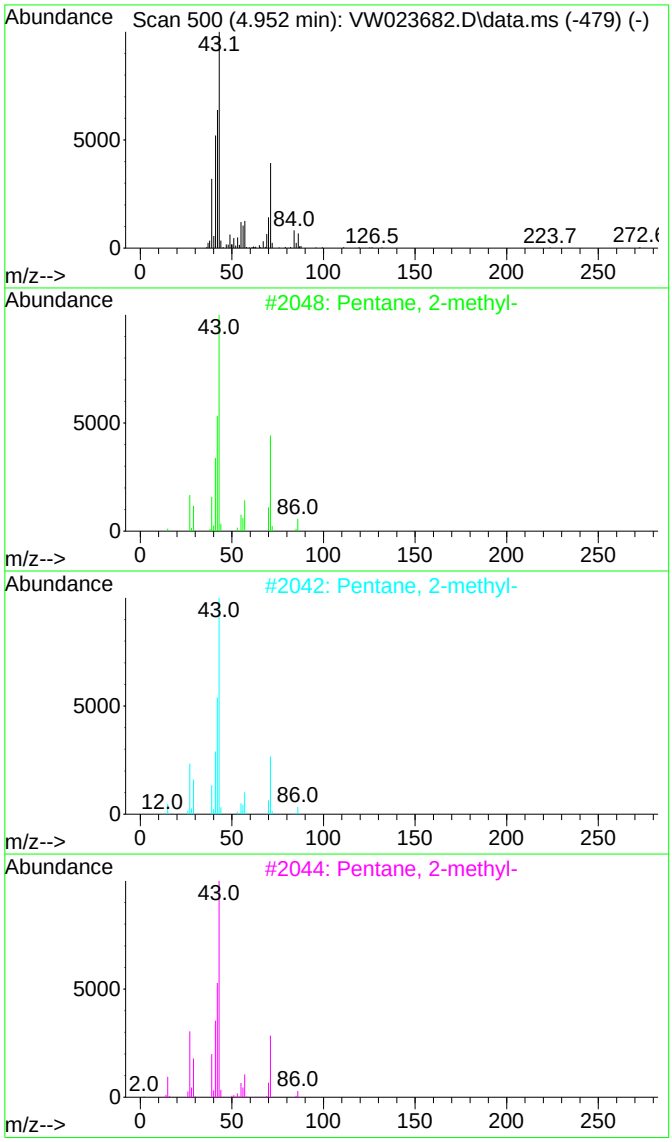
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

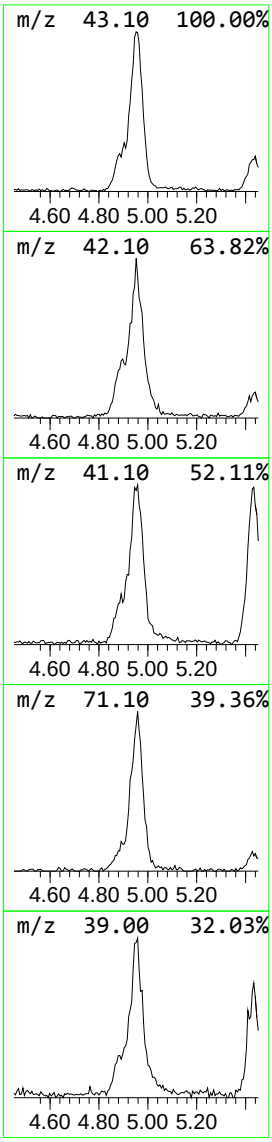
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.952	15.18 ug/L	321341	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	83
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	83
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	80
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	80
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

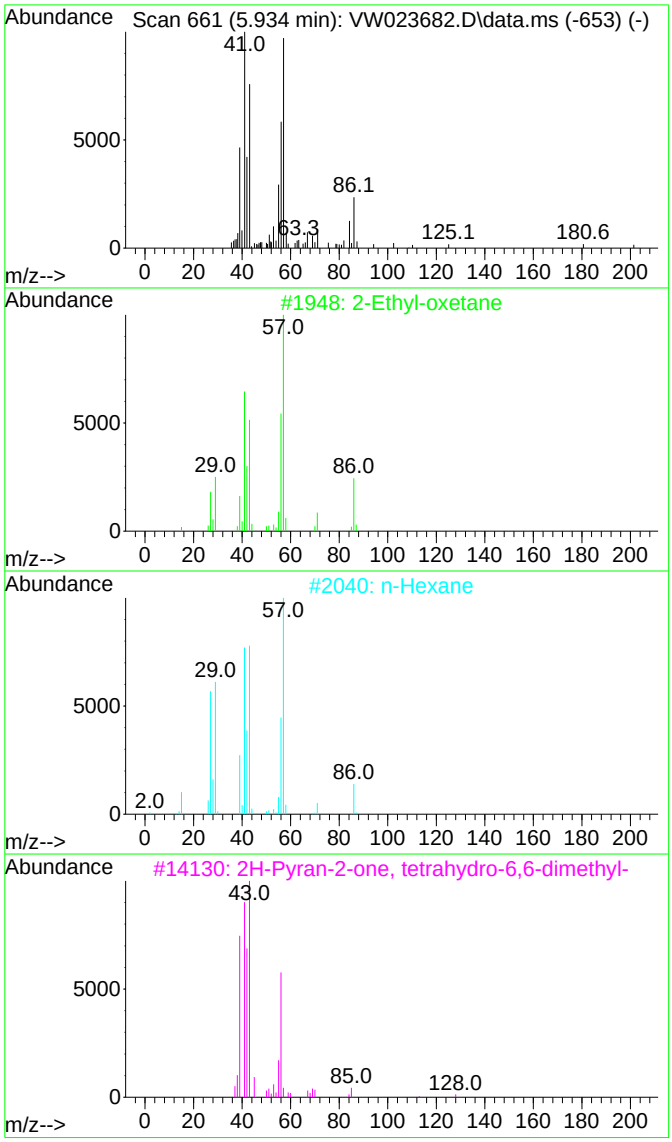
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

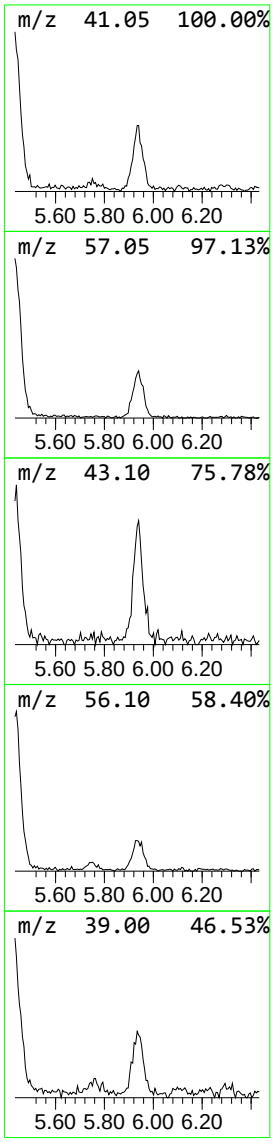
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Ethyl-oxetane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.934	2.83 ug/L	59905	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	58
2	n-Hexane	86	C6H14	000110-54-3	47
3	2H-Pyran-2-one, tetrahydro-6,6-d...	128	C7H12O2	002610-95-9	40
4	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	40
5	n-Hexane	86	C6H14	000110-54-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

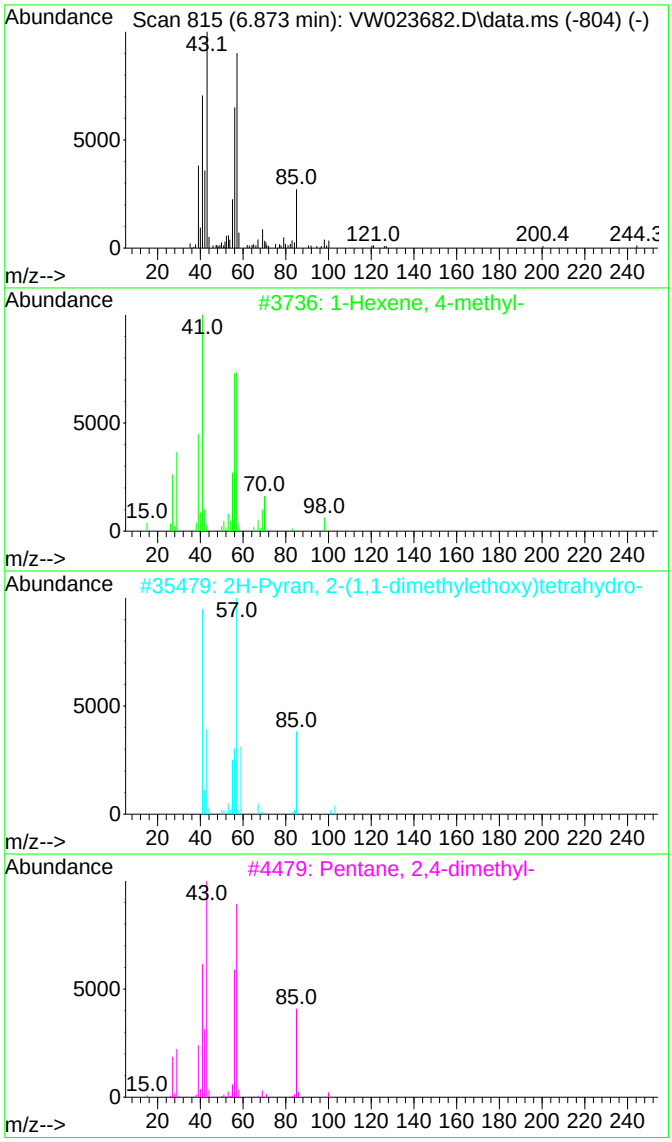
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

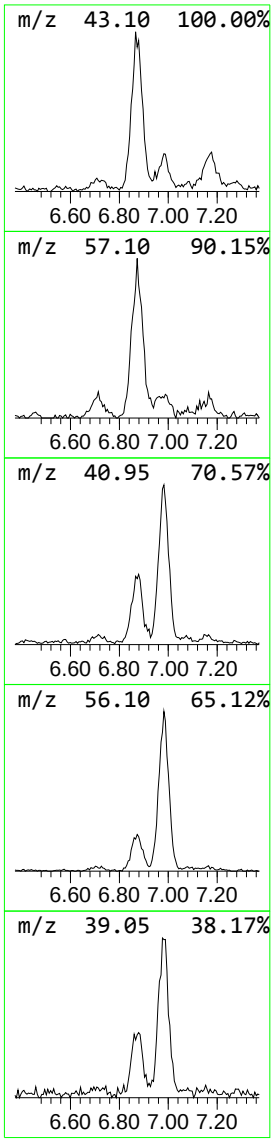
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.873	4.51 ug/L	95574	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	53
2	2H-Pyran, 2-(1,1-dimethylethoxy)...	158	C9H18O2	001927-69-1	43
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	43
4	1-Heptene	98	C7H14	000592-76-7	42
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

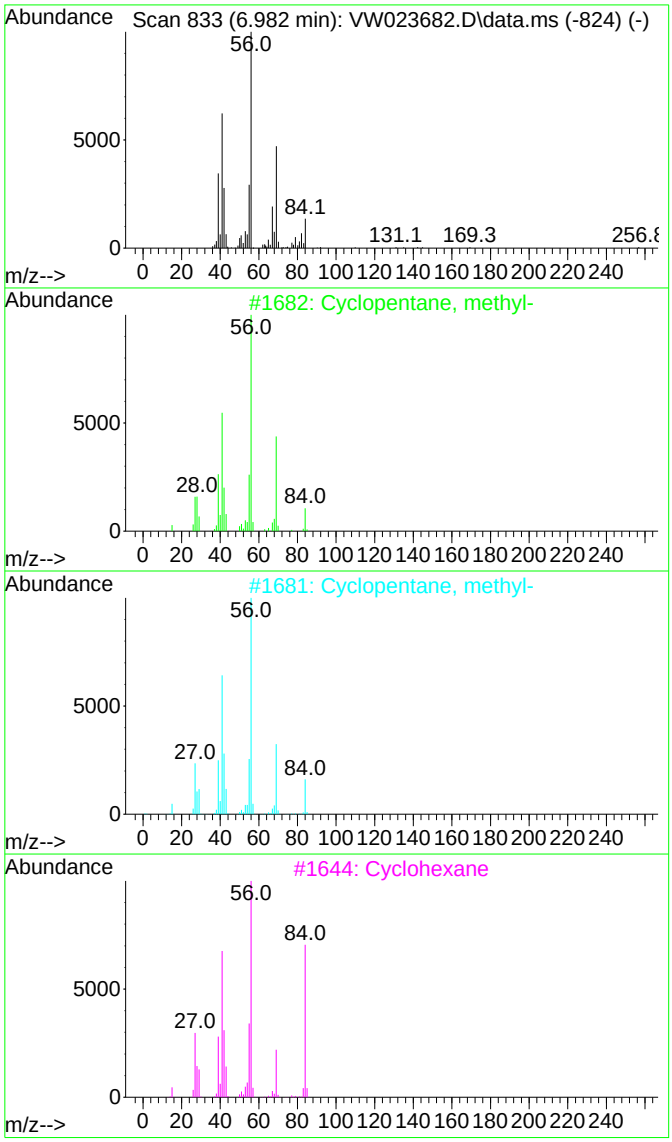
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

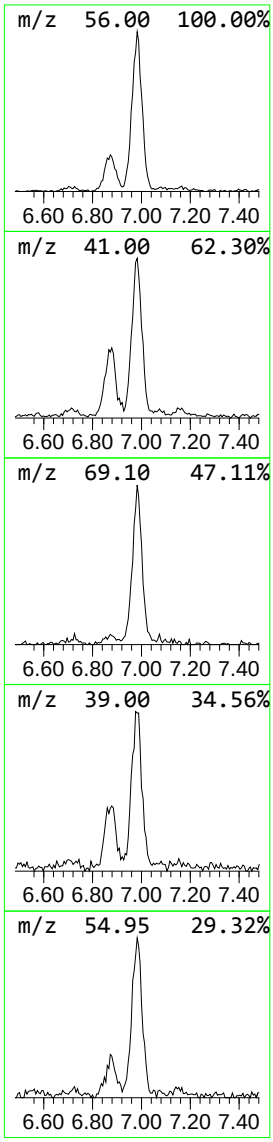
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic6.982 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.982	9.12 ug/L	193103	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	81
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
3	Cyclohexane	84	C6H12	000110-82-7	59
4	Cyclohexane	84	C6H12	000110-82-7	59
5	Cyclohexane	84	C6H12	000110-82-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

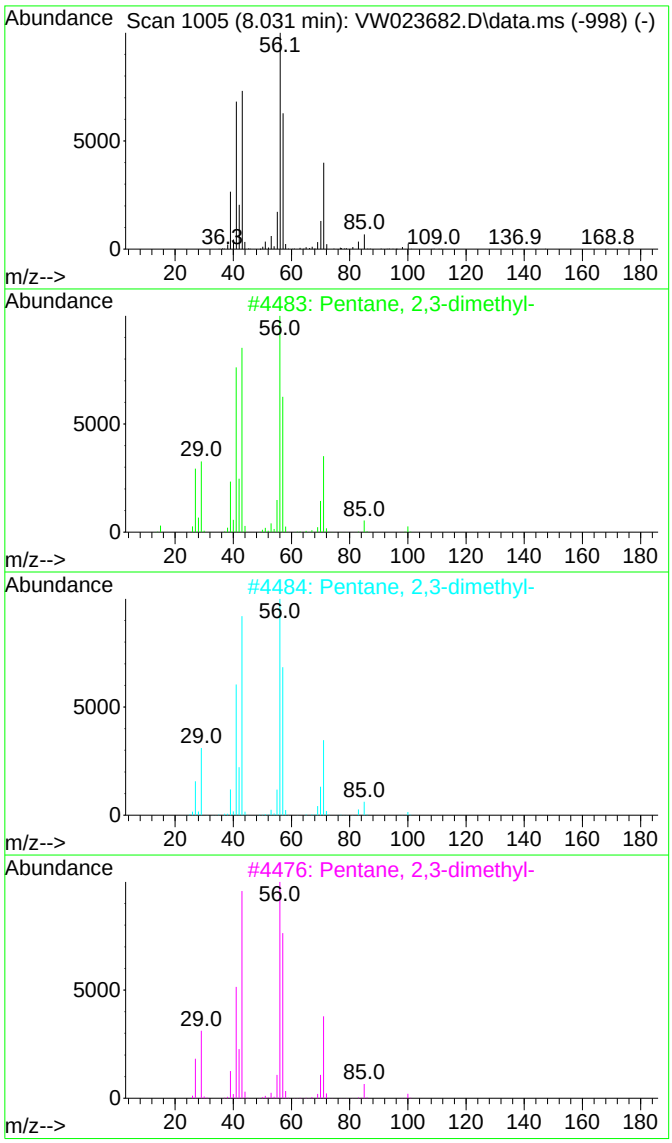
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

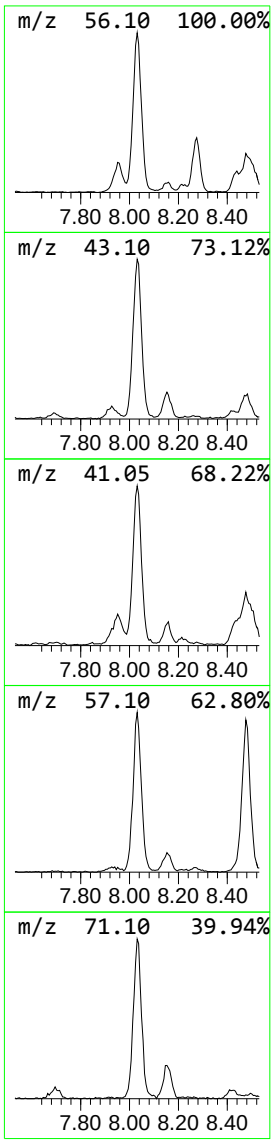
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.031	25.49 ug/L	539604	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	95
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	80
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

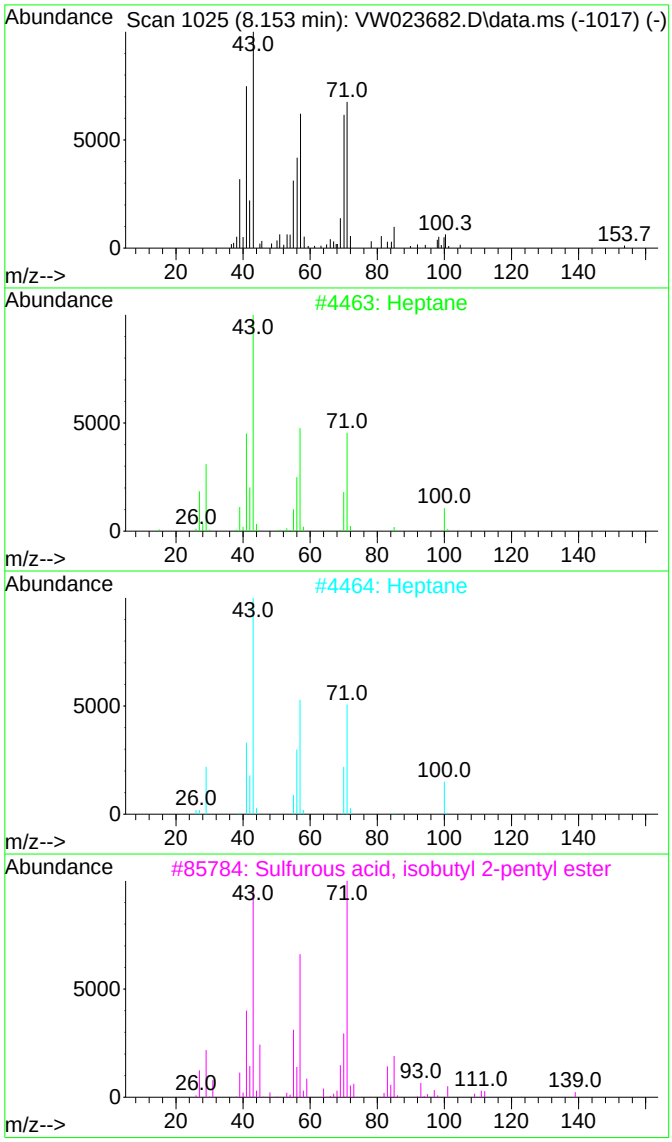
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

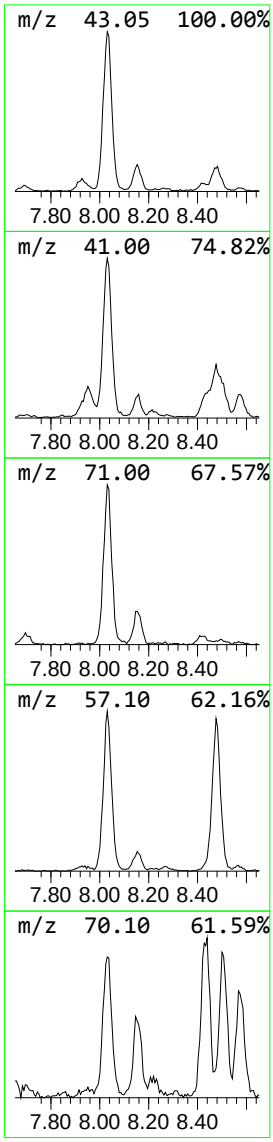
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.153	3.46 ug/L	73172	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	58
2	Heptane	100	C7H16	000142-82-5	53
3	Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	43
4	1-Heptene	98	C7H14	000592-76-7	38
5	1-Heptene	98	C7H14	000592-76-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

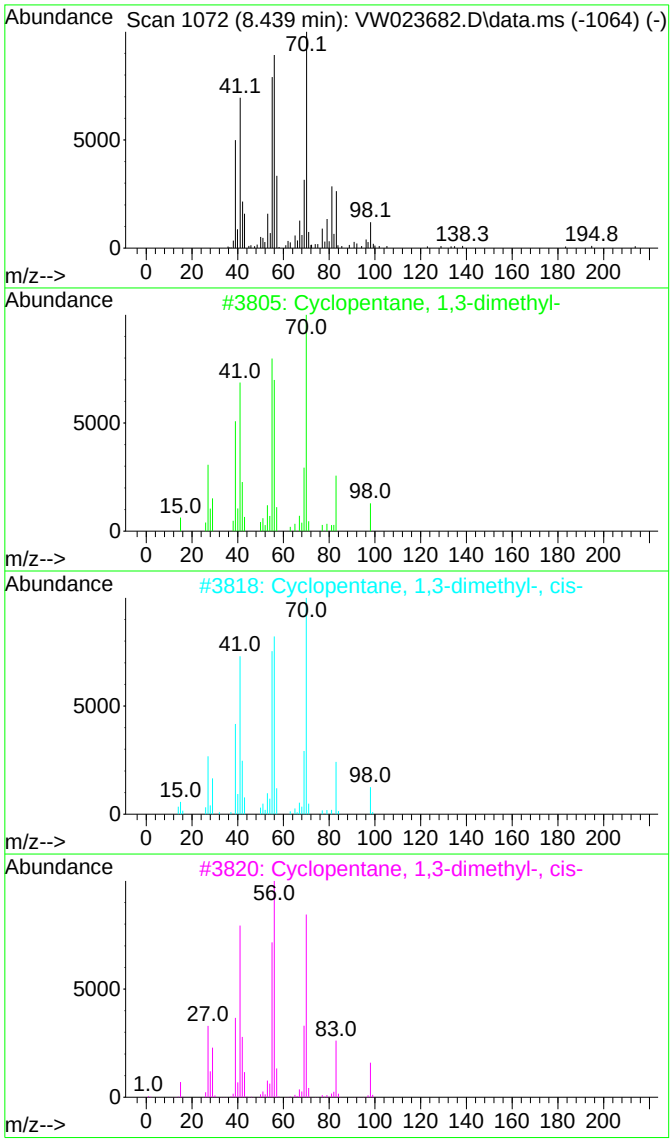
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

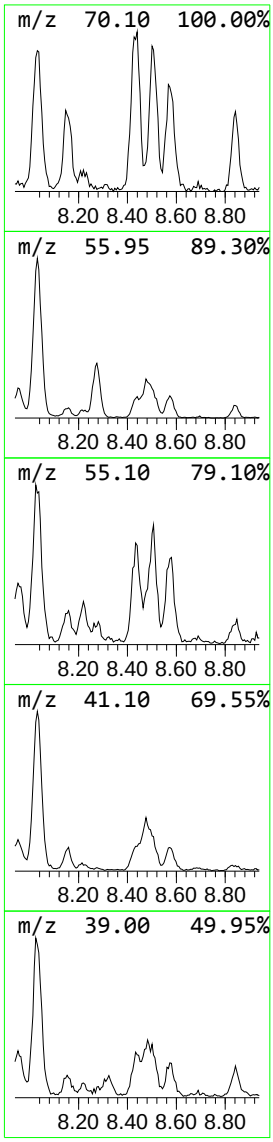
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic8.439 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	4.35 ug/L	92116	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	95
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	94
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	81
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	81
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

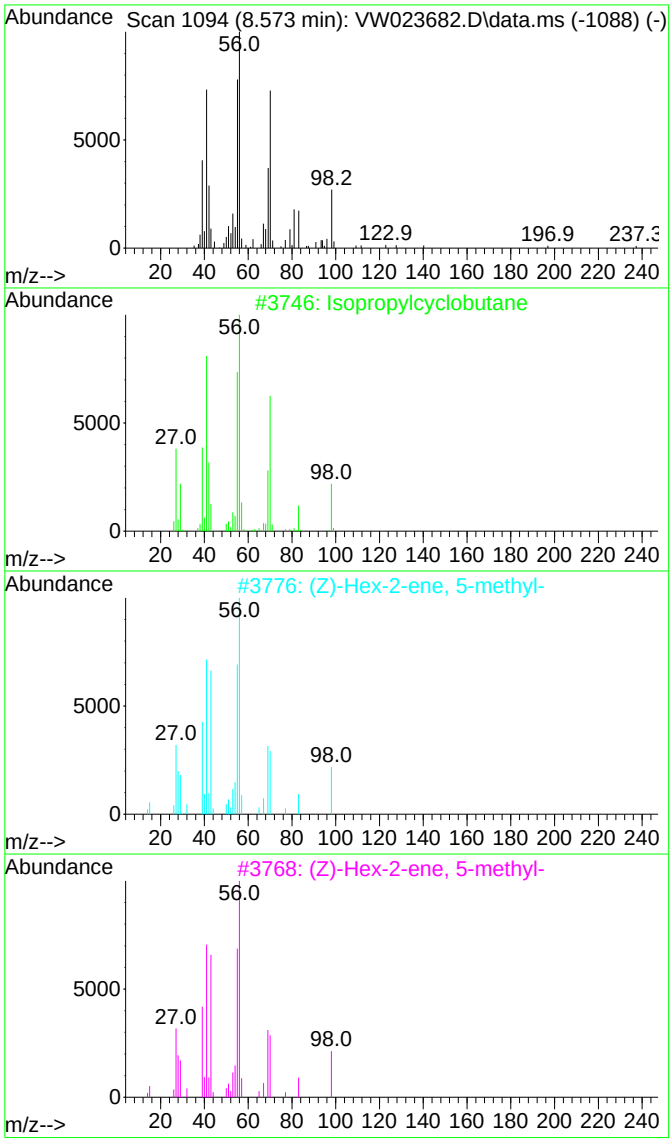
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

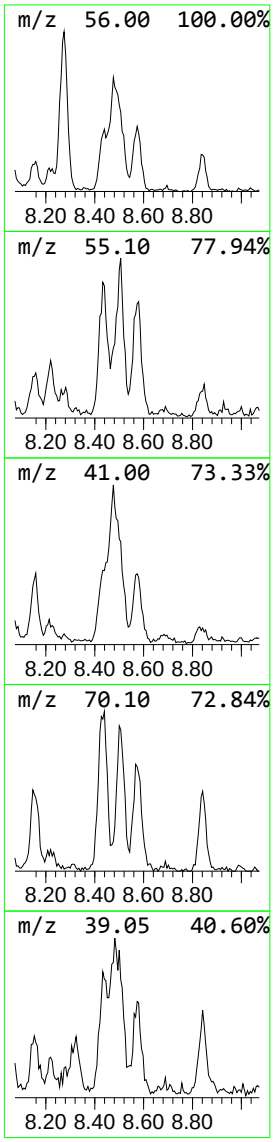
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic8.573 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.573	5.01 ug/L	106166	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	90
2	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	81
3	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	76
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	76
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

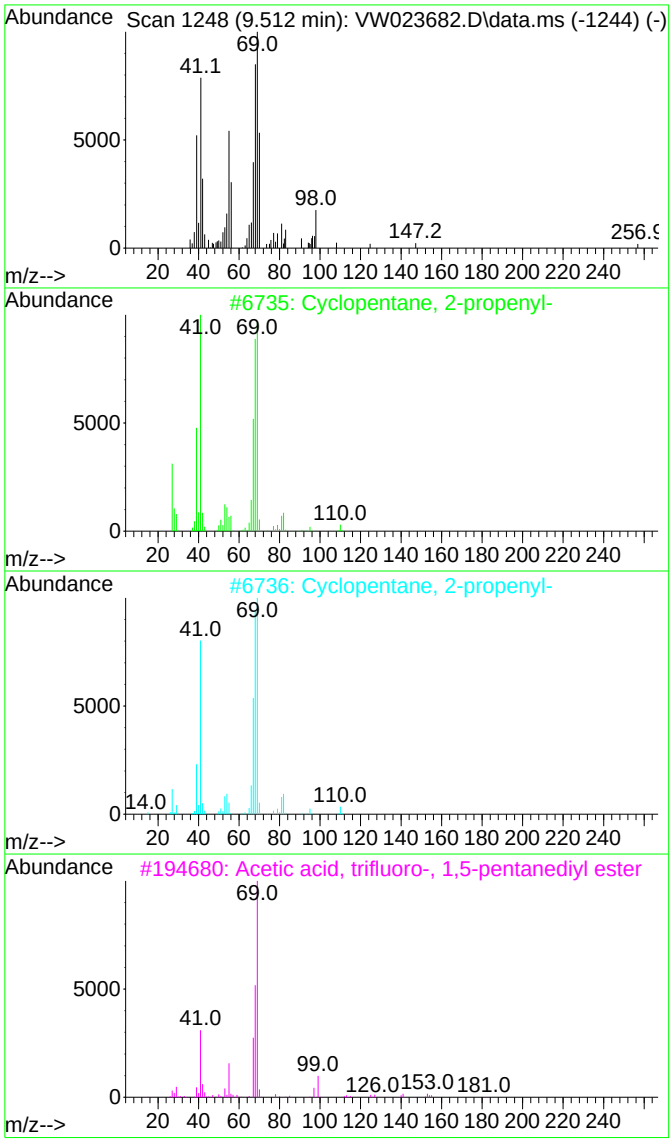
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

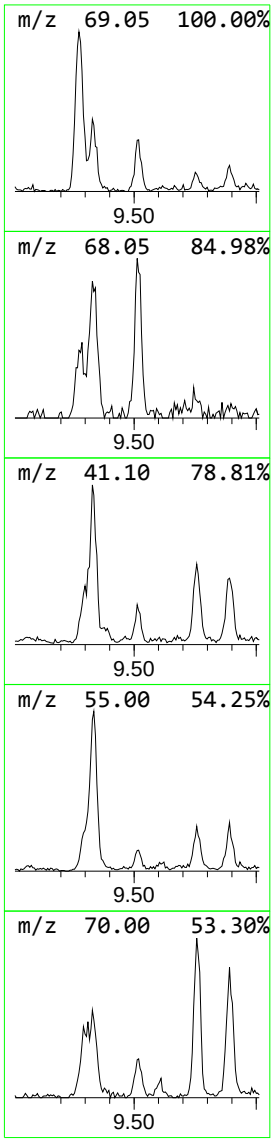
****

Peak Number 11 Cyclopentane, 2-propenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.512	1.80 ug/L	38014	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-propenyl-	110	C8H14	003524-75-2	58
2	Cyclopentane, 2-propenyl-	110	C8H14	003524-75-2	53
3	Acetic acid, trifluoro-, 1,5-pen...	296	C9H10F6O4	000453-44-1	53
4	Cyclopentane, 2-propenyl-	110	C8H14	003524-75-2	53
5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

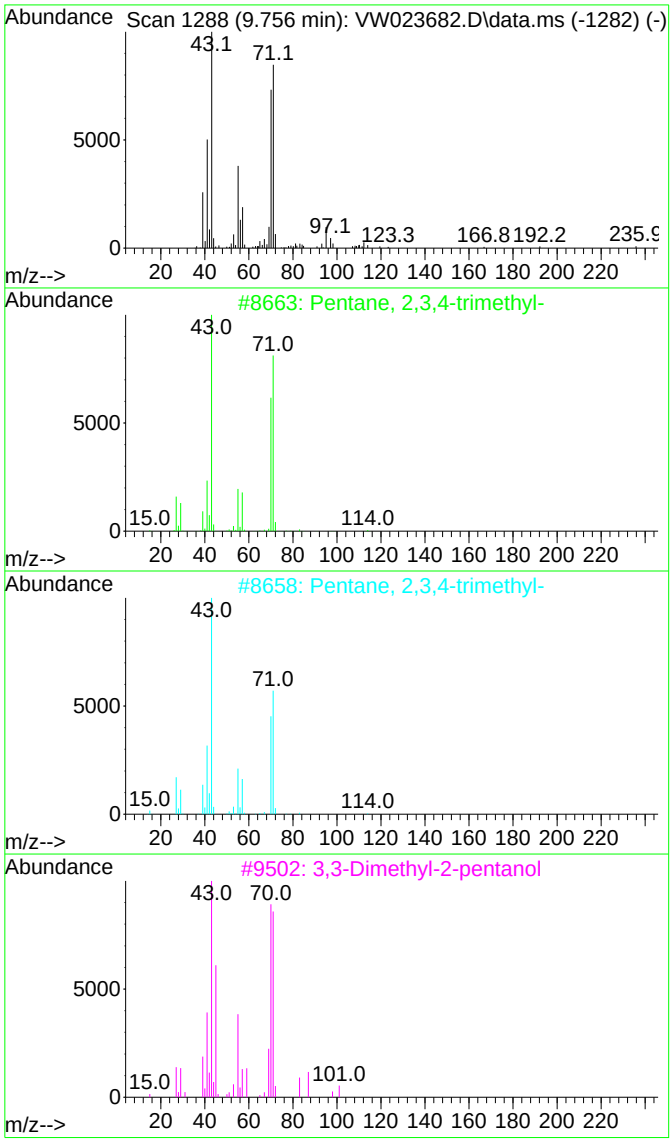
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

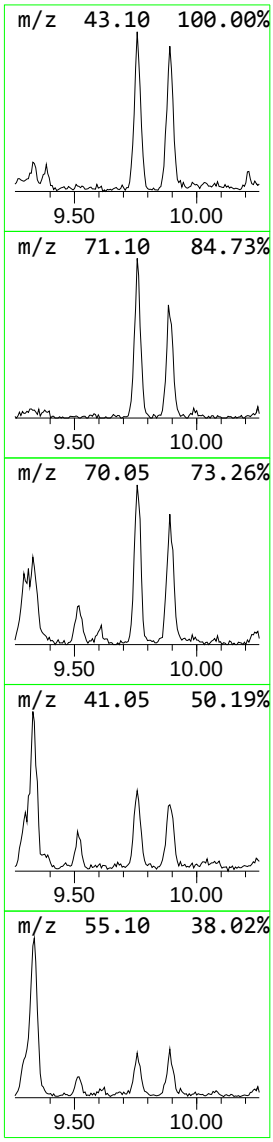
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.756	4.25 ug/L	89900	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
3	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	64
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

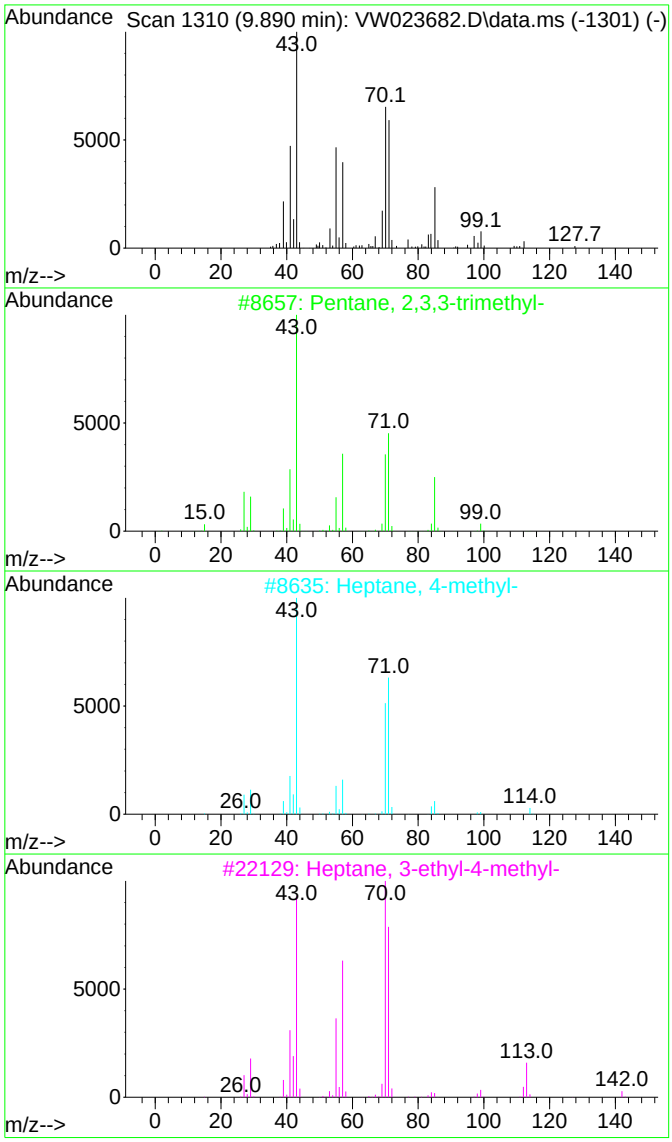
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

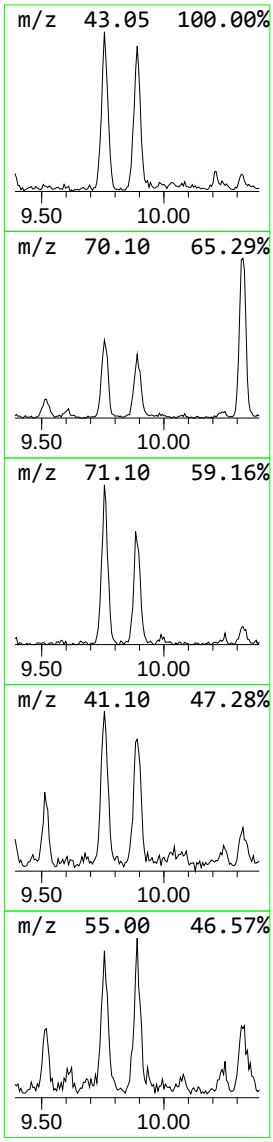
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.890	4.55 ug/L	96314	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
3	Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	53
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

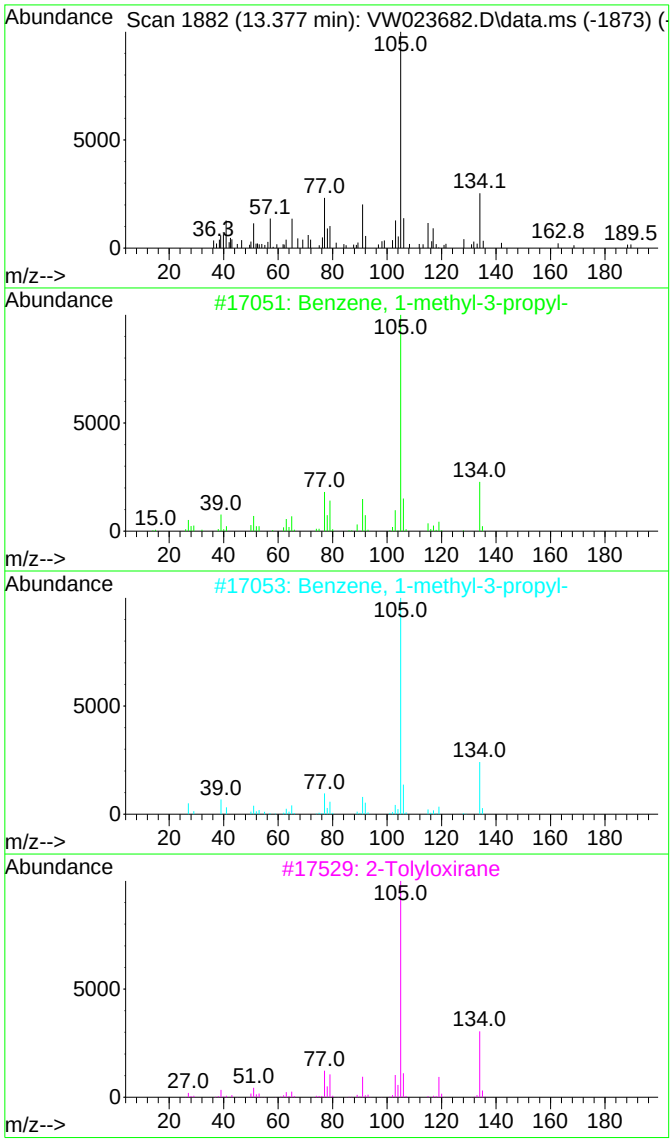
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

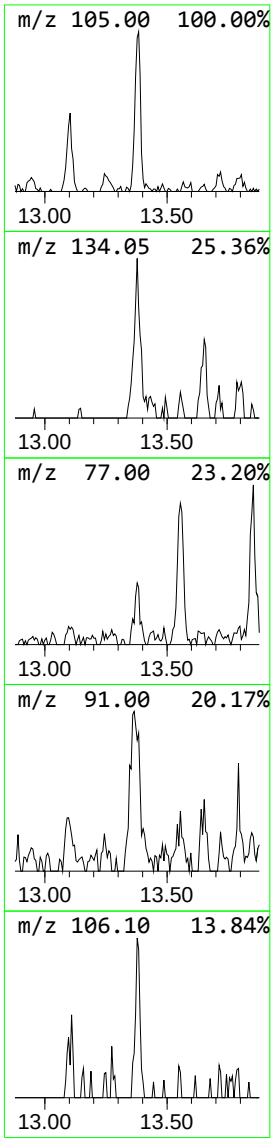
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-methyl-3-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.378	2.62 ug/L	49175	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	58
3	2-Tolyloxirane	134	C9H10O	002783-26-8	52
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	52
5	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

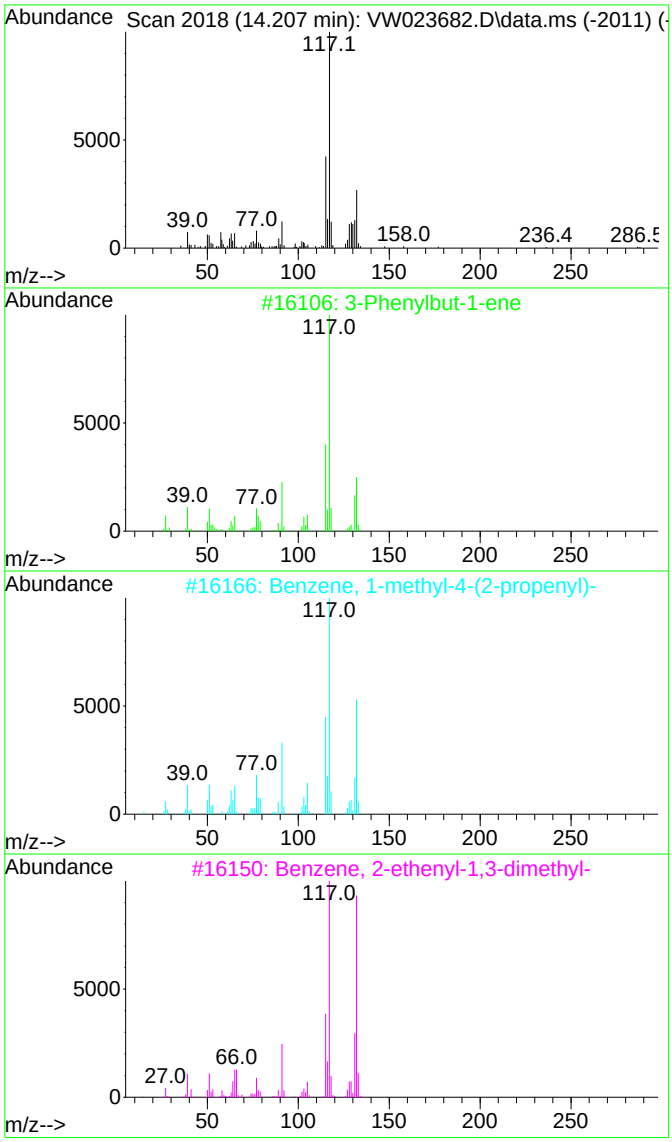
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

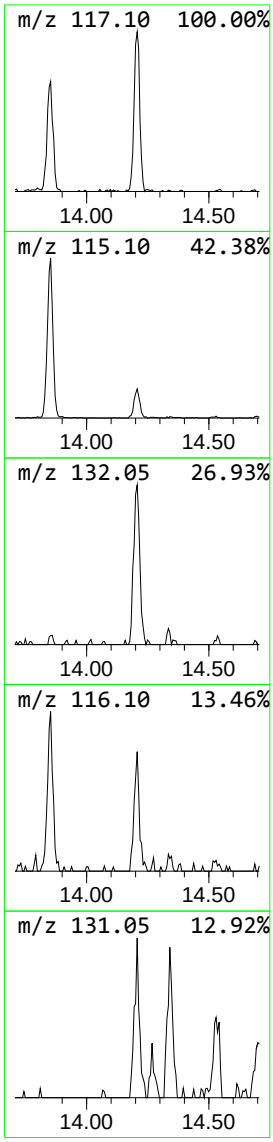
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 3-Phenylbut-1-ene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.207	3.74 ug/L	70211	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	83
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023682.D
Acq On : 14 Jul 2022 06:45
Operator : SY/VA
Sample : N3698-02
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B67

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	3.020	2.7	ug/L	57210	1	8.842	529259	25.0
(DEL) Alkane: S...	4.952	15.2	ug/L	321341	1	8.842	529259	25.0
2-Ethyl-oxetane	5.934	2.8	ug/L	59905	1	8.842	529259	25.0
(DEL) Alkane: S...	6.873	4.5	ug/L	95574	1	8.842	529259	25.0
(DEL) Alkane: C...	6.982	9.1	ug/L	193103	1	8.842	529259	25.0
(DEL) Alkane: S...	8.031	25.5	ug/L	539604	1	8.842	529259	25.0
(DEL) Alkane: S...	8.153	3.5	ug/L	73172	1	8.842	529259	25.0
(DEL) Alkane: C...	8.439	4.3	ug/L	92116	1	8.842	529259	25.0
(DEL) Alkane: C...	8.573	5.0	ug/L	106166	1	8.842	529259	25.0
Cyclopentane, 2...	9.512	1.8	ug/L	38014	1	8.842	529259	25.0
(DEL) Alkane: S...	9.756	4.3	ug/L	89900	1	8.842	529259	25.0
(DEL) Alkane: S...	9.890	4.5	ug/L	96314	1	8.842	529259	25.0
Benzene, 1-meth...	13.378	2.6	ug/L	49175	3	13.554	469495	25.0
3-Phenylbut-1-ene	14.207	3.7	ug/L	70211	3	13.554	469495	25.0