LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

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: VW023684.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.233	47	54	55	rBV6	10101	16940	1.46%	0.128%
2	2.355	68	74	88	rVB2	320274	573033	49.24%	4.331%
3	2.879	154	160	169	rVB	69681	146630	12.60%	1.108%
4	3.019	178	183	193	rVB2	17206	40819	3.51%	0.309%
5	3.385	235	243	249	rVV4	5201	12237	1.05%	0.092%
6	3.544	267	269	271	rVB3	1603	1433	0.12%	0.011%
7	3.708	294	296	300	rVB5	1528	1864	0.16%	0.014%
8	3.934	330	333	336	rVB5	1034	1474	0.13%	0.011%
9	4.013	336	346	359	rBV3	65551	216736	18.62%	1.638%
10	4.409	408	411	415	rVB7	1765	2517	0.22%	0.019%
11	4.769	467	470	473	rVB5	947	1537	0.13%	0.012%
12	4.952	477	500	517	rBV5	61458	300063	25.78%	2.268%
13	5.428	562	578	591	rBV5	60271	217774	18.71%	1.646%
14	5.745	626	630	632	rBV5	1846	3325	0.29%	0.025%
15	5.934	652	661	673	rVB3	20628	62686	5.39%	0.474%
16	6.238	709	711	715	rVB5	1633	1450	0.12%	0.011%
17	6.281	715	718	720	rBV4	1897	1689	0.15%	0.013%
18	6.683	780	784	785	rBV4	2464	3104	0.27%	0.023%
19	6.720	785	790	792	rBV6	2290	4518	0.39%	0.034%
20	6.872	805	815	824	rVV3	45763	146207	12.56%	1.105%
21	6.982	824	833	842	rVV2	48376	148256	12.74%	1.121%
22	7.080	842	849	853	rVV	25051	63754	5.48%	0.482%
23	7.165	854	863	876	rVV	433335	1163853	100.00%	8.797%
24	7.281	880	882	887	rVV6	1881	2487	0.21%	0.019%
25	7.446	906	909	913	rBV6	1563	2508	0.22%	0.019%
26	7.494	915	917	919	rVV3	1294	1467	0.13%	0.011%
27	7.537	919	924	927	rVV7	1788	3611	0.31%	0.027%
28	7.647	932	942	958	rVB	160209	411328	35.34%	3.109%
29	7.842	969	974	978	rBV8	2118	4146	0.36%	0.031%
30	7.945	980	991	997	rVV7	40110	156806	13.47%	1.185%
31	8.031	997	1005	1017	rVB2	290657	713458	61.30%	5.393%
32	8.153	1018	1025	1032	rBV	76652	164354	14.12%	1.242%
33	8.275	1037	1045	1061	rVV3	297164	1037673	89.16%	7.844%
34	8.476	1062	1078	1089	rVV	372483	1116714	95.95%	8.441%
35	8.573	1089	1094	1105	rVB2	46005	107724	9.26%	0.814%
36	8.701	1111	1115	1119	rVB7	4274	7865	0.68%	0.059%

LSC Area Percent Report

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Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

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	8.842	1129	1138	1150	rBV	308275	624601	53.67%	4.721%
38	9.092	1169	1179	1192	rBV4	69360	155717	13.38%	1.177%
39	9.274	1201	1209	1214	rBV	219345	481011	41.33%	3.636%
40	9.335	1214	1219	1223	rVV2	127390	265222	22.79%	2.005%
41	9.378	1223	1226	1234	rVB2	59685	116110	9.98%	0.878%
42	9.463	1234	1240	1244	rBV2	9911	20492	1.76%	0.155%
43	9.512	1244	1248	1254	rVB2	21272	38115	3.27%	0.288%
44	9.604	1254	1263	1270	rVB7	10120	26286	2.26%	0.199%
45	9.683	1270	1276	1277	rBV6	3950	7810	0.67%	0.059%
46	9.756	1281	1288	1300	rVB	229346	450178	38.68%	3.403%
47	9.890	1300	1310	1317	rBV	163559	341599	29.35%	2.582%
48	10.037	1323	1334	1338	rBV	91330	171268	14.72%	1.295%
49	10.244	1364	1368	1374	rVB2	23655	38790	3.33%	0.293%
50	10.323	1374	1381	1390	rBV	464616	813148	69.87%	6.147%
51	10.445	1398	1401	1404	rVB4	2997	3994	0.34%	0.030%
52	10.488	1404	1408	1416	rVB7	11219	26995	2.32%	0.204%
53	10.579	1416	1423	1431	rVB	57584	106314	9.13%	0.804%
54	10.664	1432	1437	1440	rBV4	10554	17973	1.54%	0.136%
55	10.762	1447	1453	1459	rVB6	17582	42041	3.61%	0.318%
56	10.847	1459	1467	1471	rVB6	3980	9642	0.83%	0.073%
57	10.921	1473	1479	1486	rBV	98931	171970	14.78%	1.300%
58	10.994	1488	1491	1495	rVV5	3823	6641	0.57%	0.050%
59	11.061	1499	1502	1506	rVB6	6211	8010	0.69%	0.061%
60	11.146	1512	1516	1518	rBV5	4087	6452	0.55%	0.049%
61	11.177	1518	1521	1527	rVB5	8576	13985	1.20%	0.106%
62	11.280	1534	1538	1542	rBV6	2417	5155	0.44%	0.039%
63	11.433	1559	1563	1572	rVB6	6443	13755	1.18%	0.104%
64	11.536	1574	1580	1585	rBV6	4837	11256	0.97%	0.085%
65	11.628	1588	1595	1604	rBV	424704	719278	61.80%	5.437%
66	11.847	1622	1631	1632	rBV8	2225	5367	0.46%	0.041%
67	12.030	1658	1661	1664	rBV5	995	1611	0.14%	0.012%
68	12.323	1706	1709	1710	rBV3	1326	1500	0.13%	0.011%
69	12.469	1728	1733	1738	rVB8	3217	5717	0.49%	0.043%
70	12.603	1746	1755	1761	rVB7	6817	15760	1.35%	0.119%
71	12.688	1761	1769	1778	rBV	162748	272670	23.43%	2.061%
72	12.938	1805	1810	1813	rBV7	3877	6912	0.59%	0.052%
73	13.103	1831	1837	1843	rBV8	4772	9131	0.78%	0.069%
74	13.188	1846	1851	1856	rVB8	3283	6012	0.52%	0.045%
75	13.243	1858	1860	1861	rBV2	1420	1478	0.13%	0.011%
76	13.292	1865	1868	1873	rVB6	2258	3082	0.26%	0.023%

LSC Area Percent Report

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Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

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	13.377	1875	1882	1891	rBV3	12895	30377	2.61%	0.230%
78	13.554	1903	1911	1918	rBV	361888	590760	50.76%	4.465%
79	13.792	1948	1950	1953	rBV4	1486	1895	0.16%	0.014%
80	13.853	1953	1960	1968	rVB	336852	561682	48.26%	4.246%
81	14.072	1992	1996	2005	rVB8	3963	10090	0.87%	0.076%
82	14.207	2011	2018	2024	rBV	34901	59003	5.07%	0.446%
83	14.274	2024	2029	2033	rBV8	2569	4317	0.37%	0.033%
84	14.341	2034	2040	2045	rBV9	4078	7710	0.66%	0.058%
85	14.469	2059	2061	2064	rBV4	1593	2154	0.19%	0.016%
86	14.530	2069	2071	2076	rVB6	3740	4931	0.42%	0.037%
87	14.633	2085	2088	2089	rBV2	1724	1586	0.14%	0.012%
88	14.700	2092	2099	2100	rBV6	3583	5879	0.51%	0.044%
89	14.865	2123	2126	2131	rBV6	4163	6535	0.56%	0.049%
90	15.158	2169	2174	2184	rVV7	6929	18294	1.57%	0.138%
91	15.432	2213	2219	2223	rBV6	1712	3613	0.31%	0.027%
92	15.511	2230	2232	2236	rVV4	1443	2194	0.19%	0.017%
93	15.548	2236	2238	2242	rVV5	1252	1628	0.14%	0.012%
94	15.688	2257	2261	2262	rBV4	1571	1695	0.15%	0.013%
95	15.810	2279	2281	2284	rVV4	1313	1598	0.14%	0.012%
96	16.029	2315	2317	2320	rVV4	1729	1841	0.16%	0.014%
97	16.243	2347	2352	2355	rBV7	1203	1768	0.15%	0.013%
98	16.413	2378	2380	2382	rVV3	1338	1473	0.13%	0.011%
99	16.639	2416	2417	2424	rVB6	1234	1751	0.15%	0.013%
100	16.737	2431	2433	2436	rBV4	1217	1579	0.14%	0.012%

Sum of corrected areas: 13229441

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
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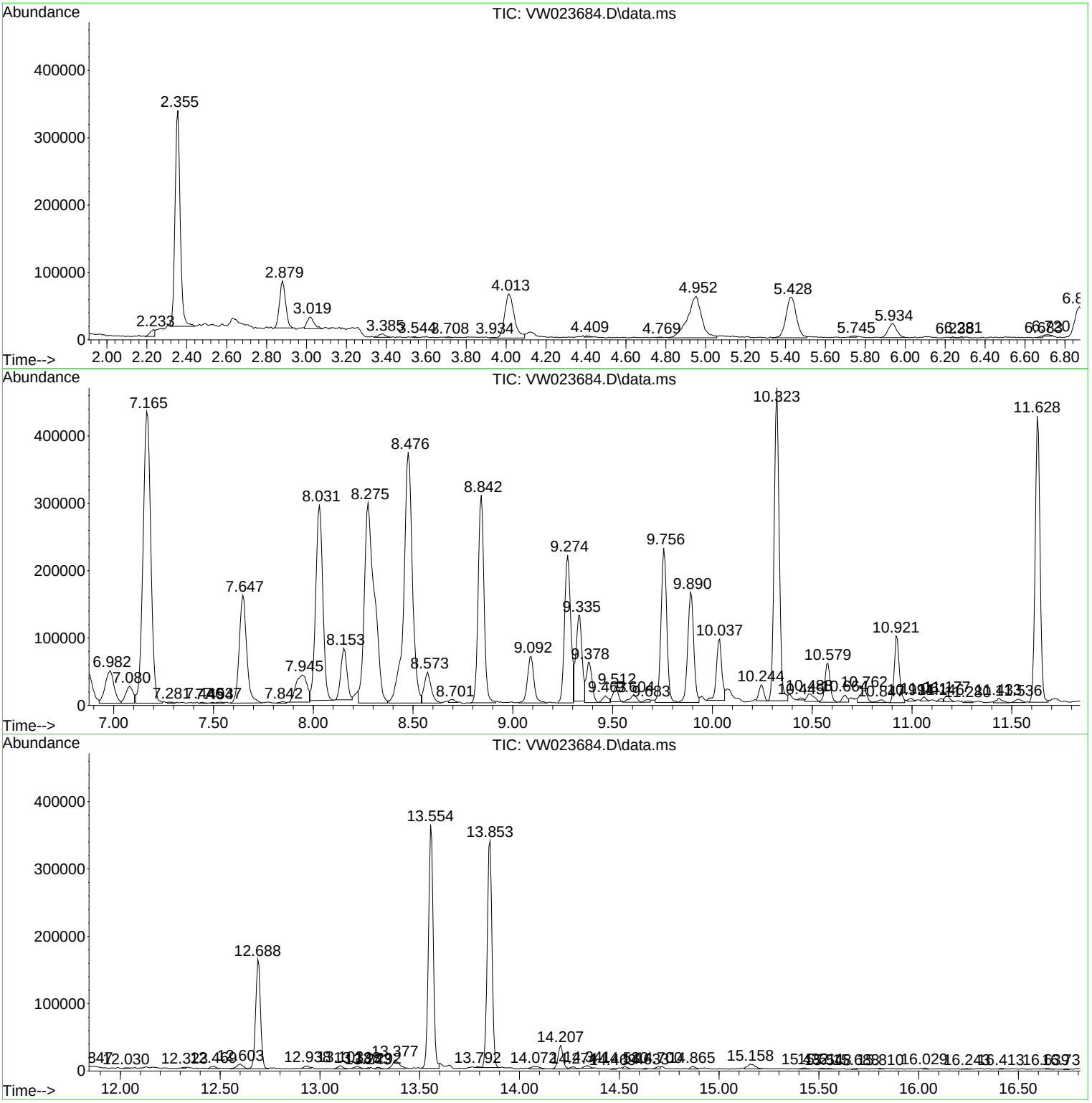
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

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 : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

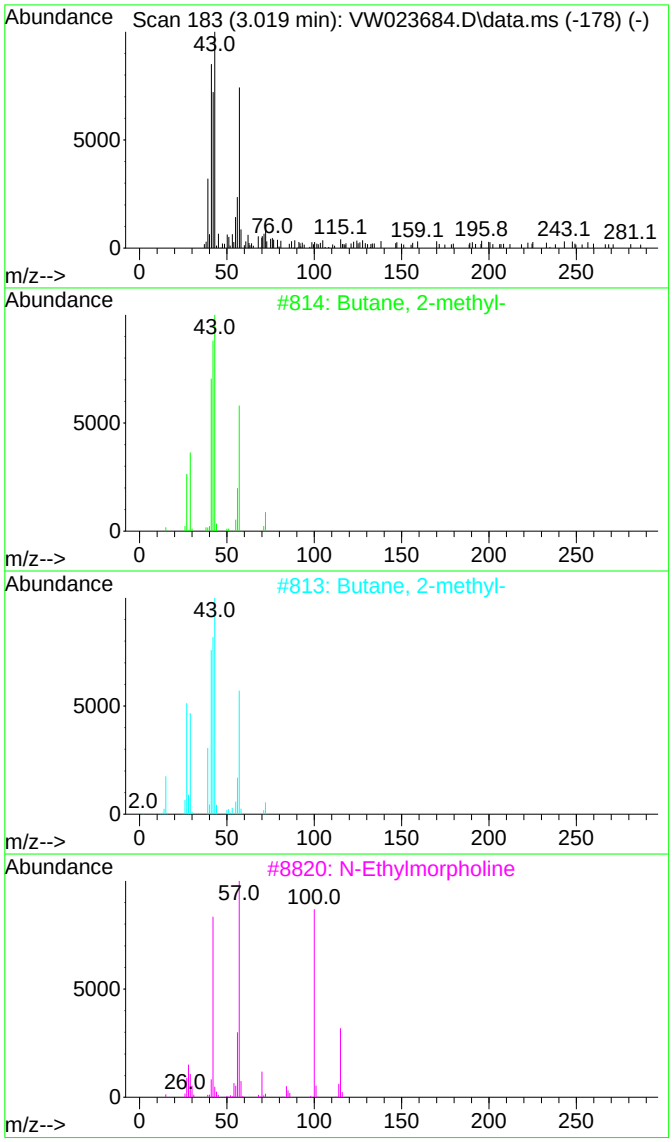
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

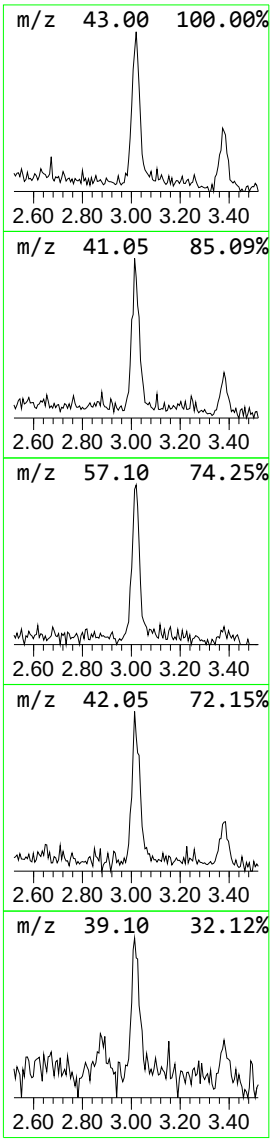
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.019	1.63 ug/L	40819	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	59
2	Butane, 2-methyl-	72	C5H12	000078-78-4	59
3	N-Ethylmorpholine	115	C6H13NO	000100-74-3	45
4	N-Ethylmorpholine	115	C6H13NO	000100-74-3	45
5	2-Butene-1,4-diol, (Z)-	88	C4H8O2	006117-80-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

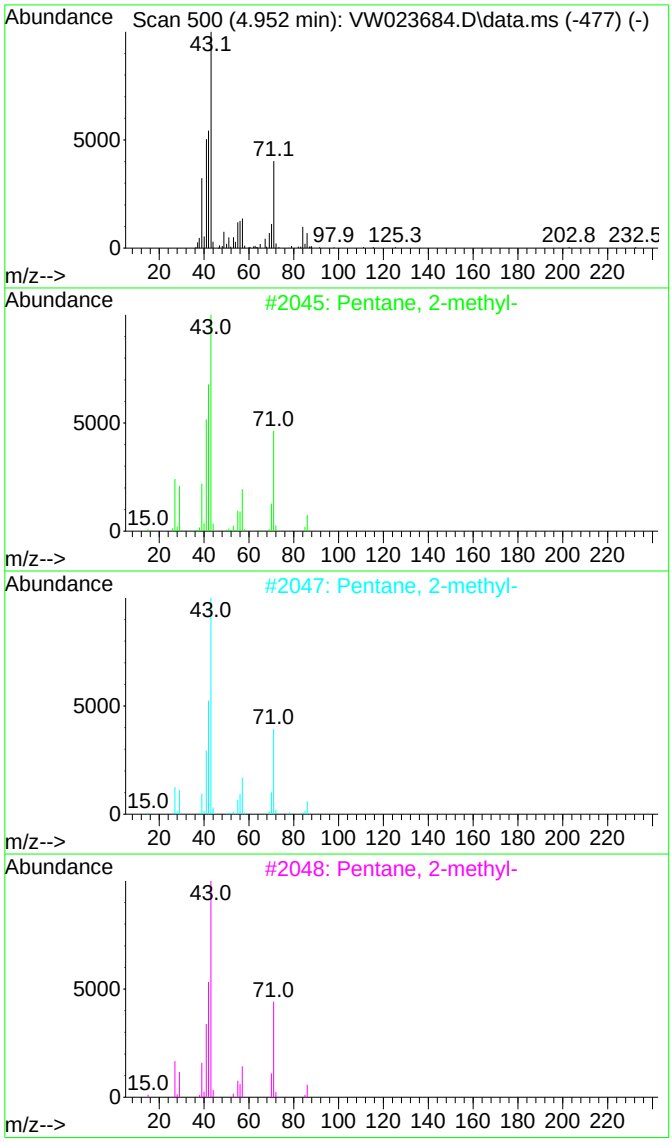
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

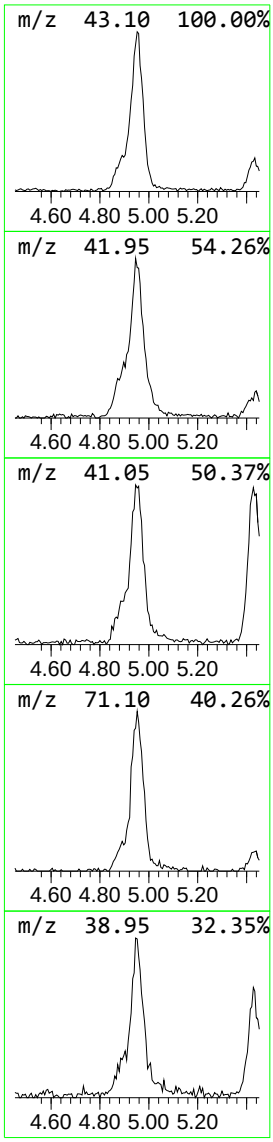
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.952	12.01 ug/L	300063	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	87
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	83
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	74
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
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Instrument :
MSVOA_W
ClientSampleId :
F5B69

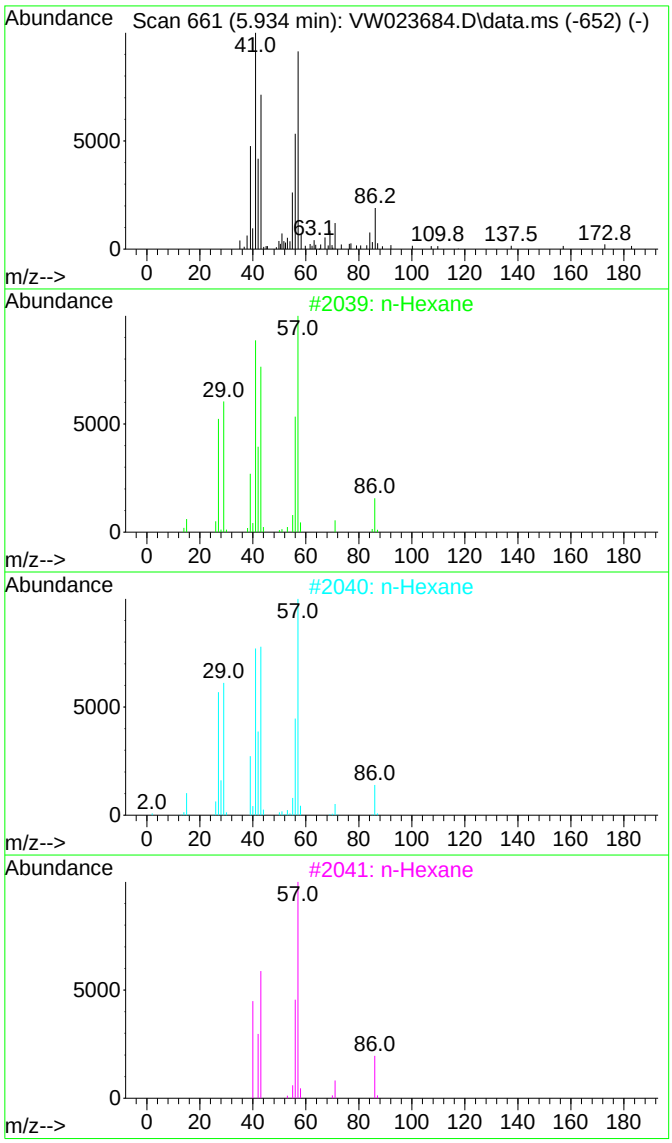
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

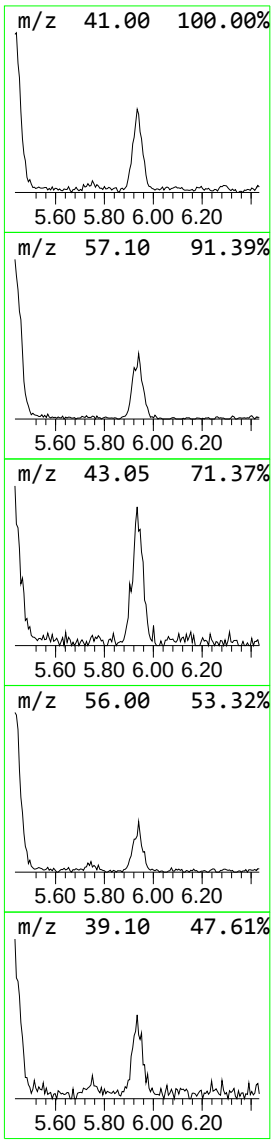
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.934	2.51 ug/L	62686	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	58
2	n-Hexane	86	C6H14	000110-54-3	58
3	n-Hexane	86	C6H14	000110-54-3	53
4	n-Hexane	86	C6H14	000110-54-3	52
5	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

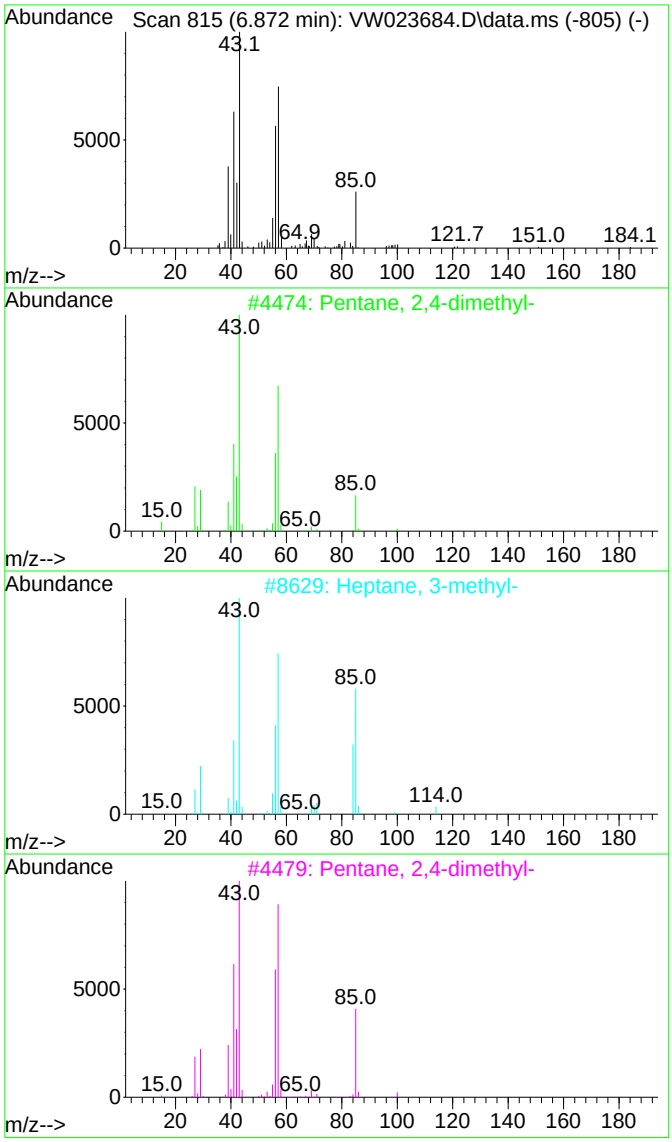
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

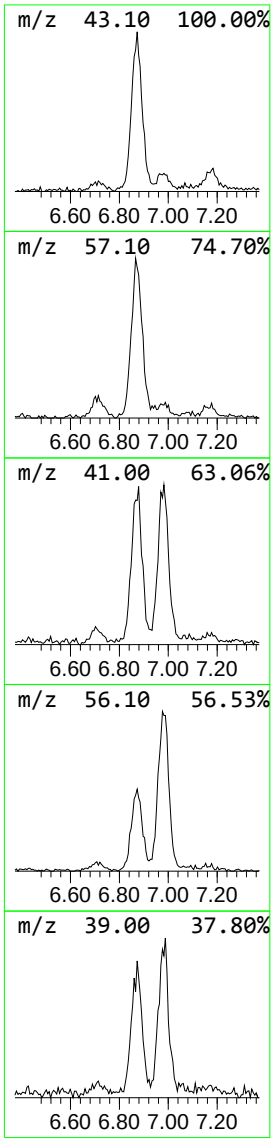
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.872	5.85 ug/L	146207	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	86
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	64
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	59
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

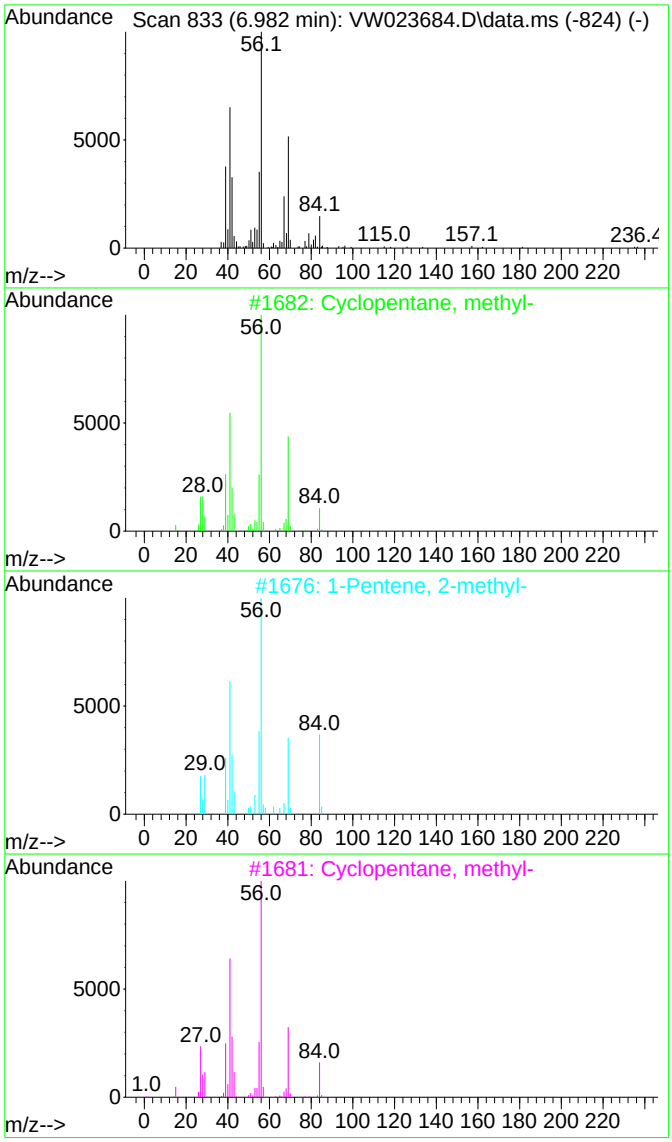
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

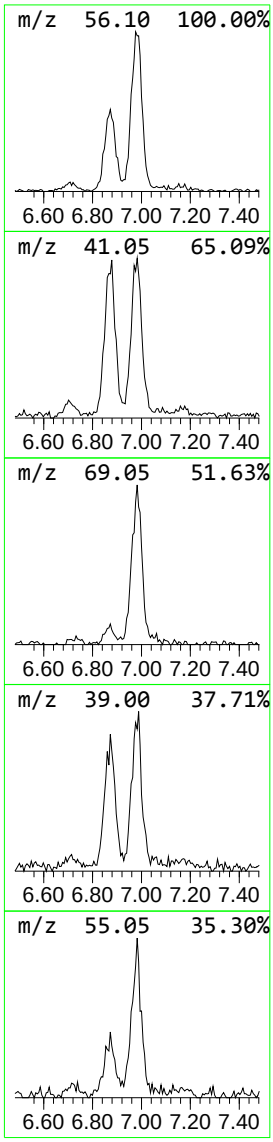
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic6.982 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.982	5.93 ug/L	148256	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
5	Cyclohexane	84	C6H12	000110-82-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

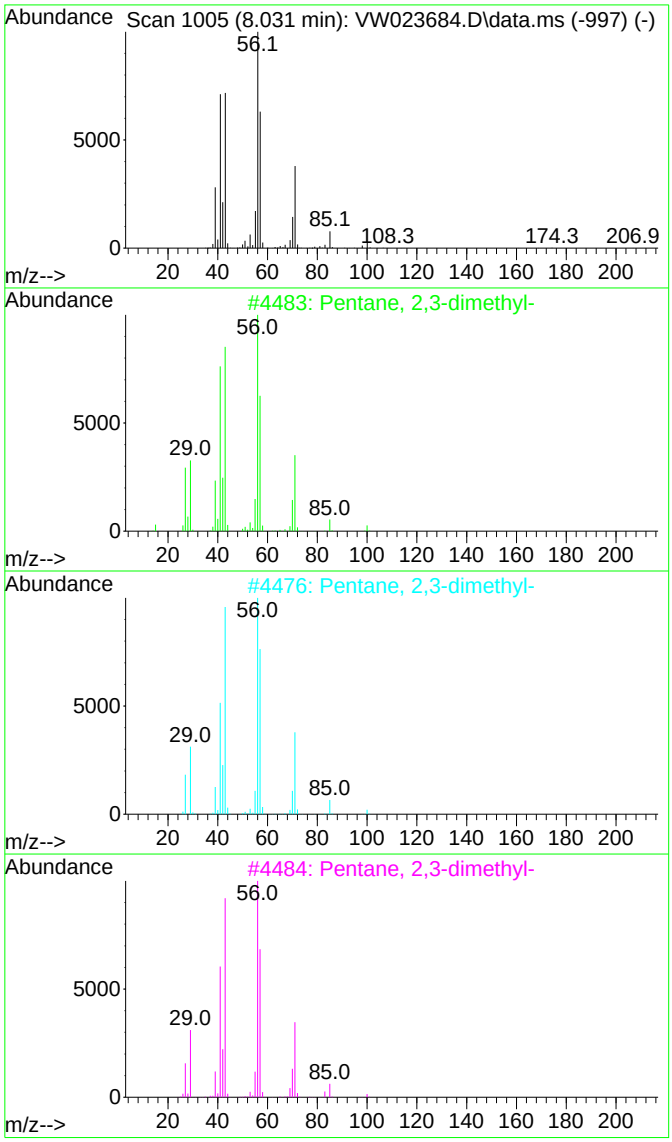
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

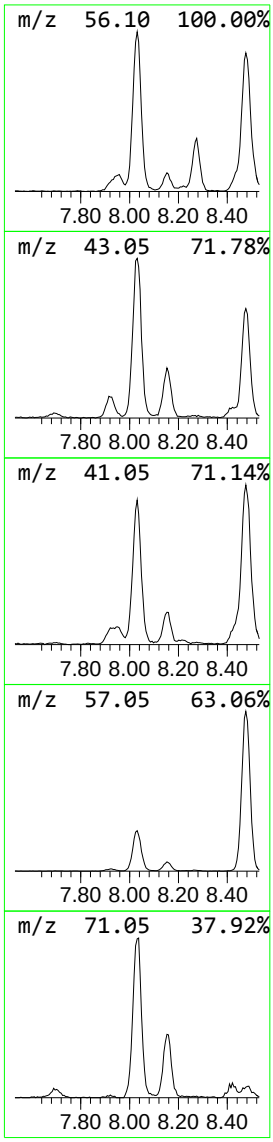
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.031	28.56 ug/L	713458	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	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
5	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	59





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Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

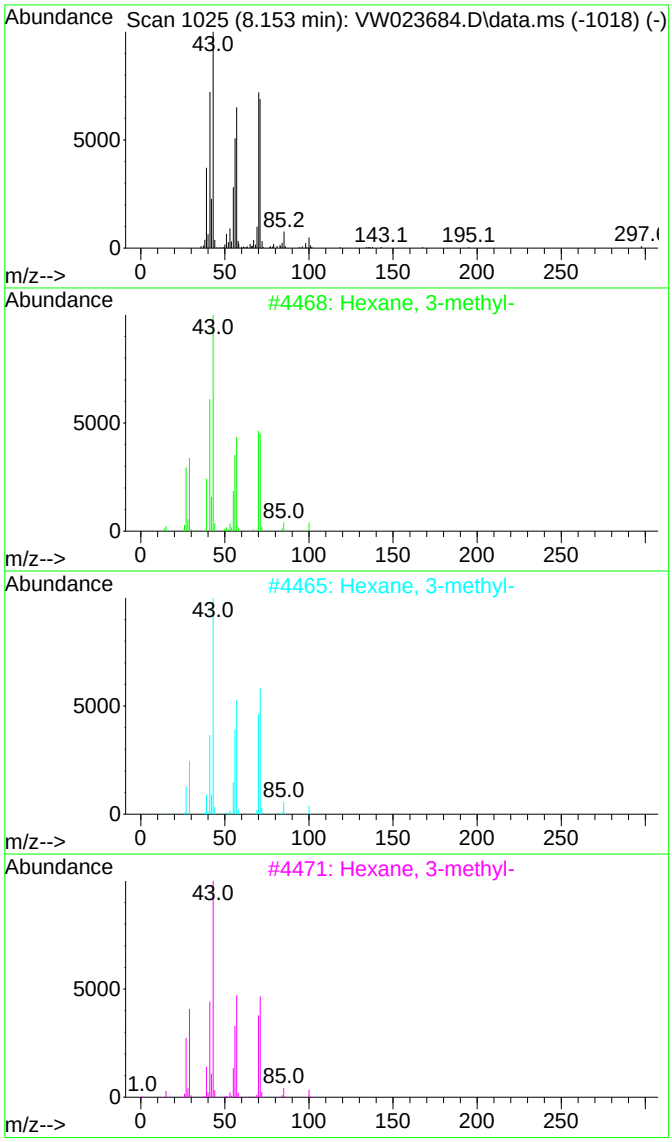
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

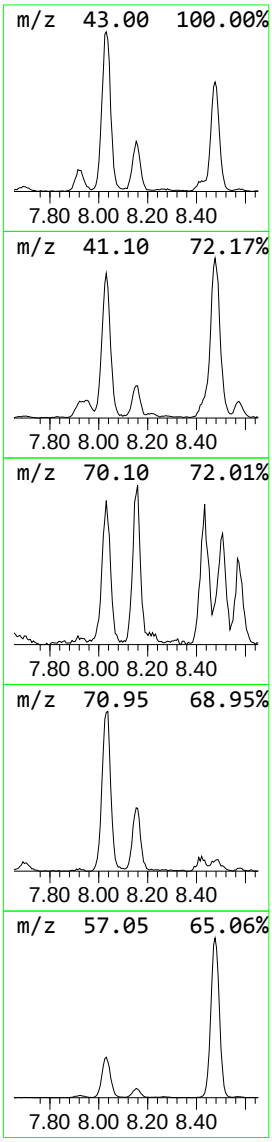
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.153	6.58 ug/L	164354	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	80
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4	Heptane	100	C7H16	000142-82-5	64
5	Heptane	100	C7H16	000142-82-5	59





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Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

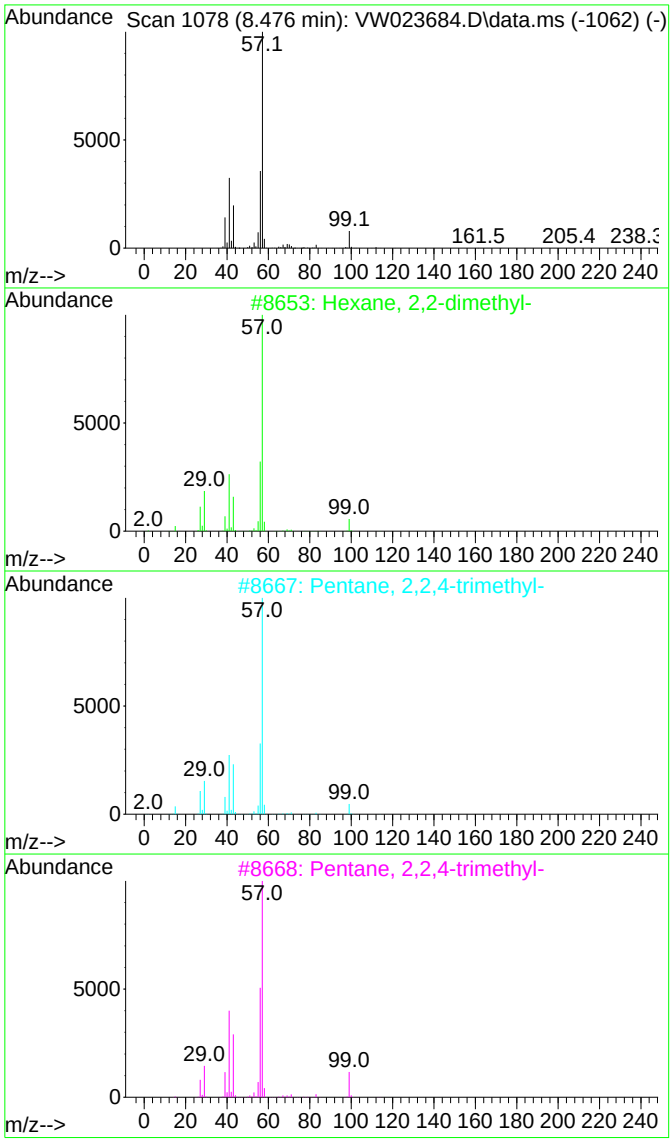
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

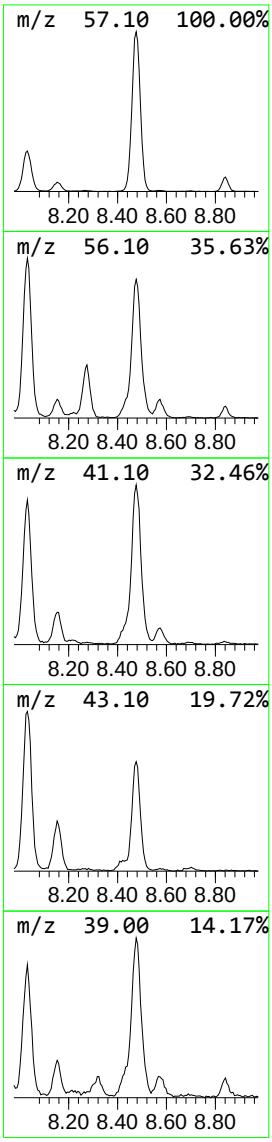
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.476	44.70 ug/L	1116710	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

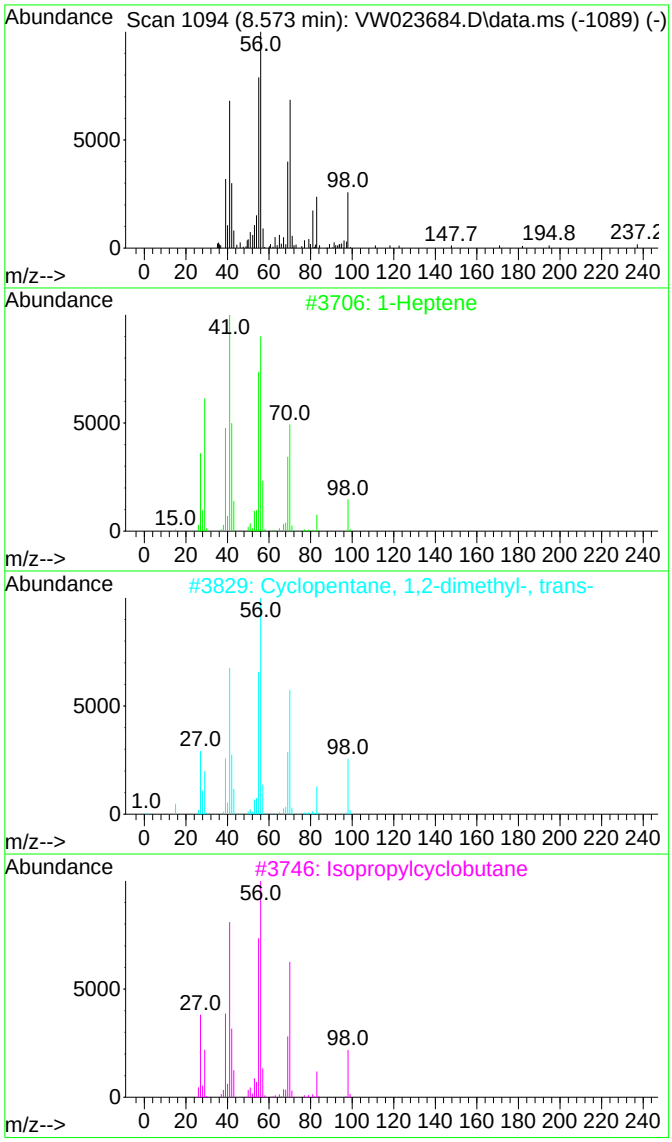
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

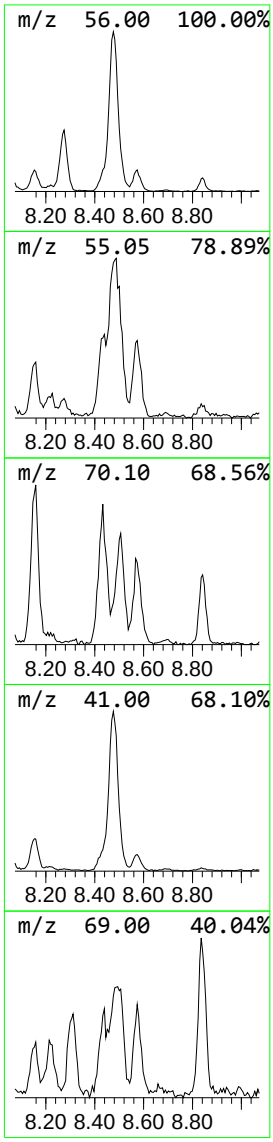
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.573	4.31 ug/L	107724	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene	98	C7H14	000592-76-7	83
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	83
3	Isopropylcyclobutane	98	C7H14	000872-56-0	83
4	1-Heptene	98	C7H14	000592-76-7	80
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

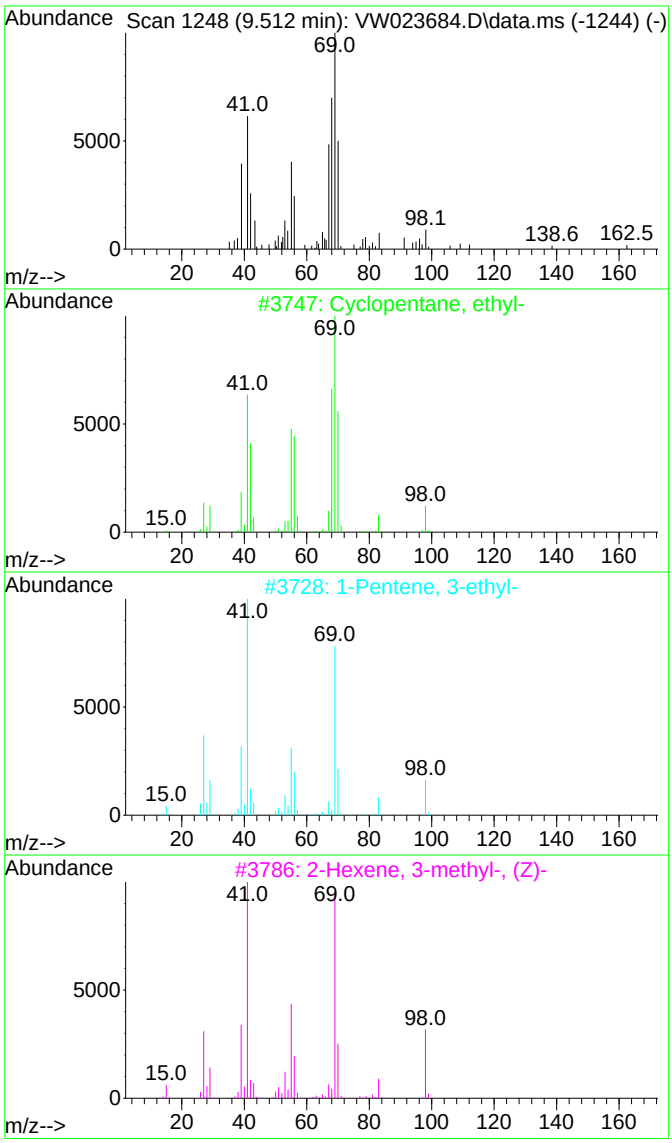
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

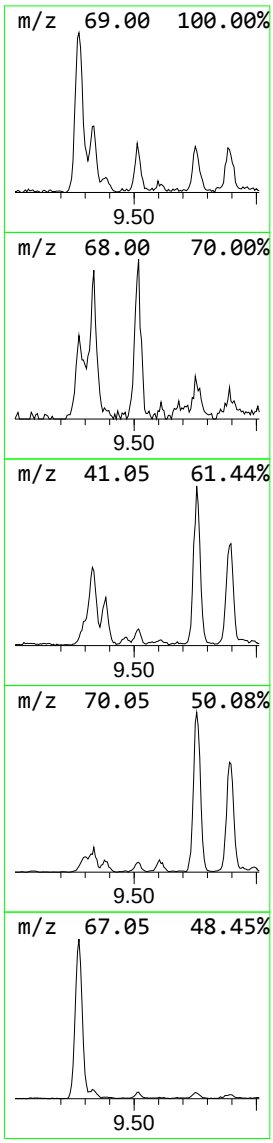
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic9.512 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.512	1.53 ug/L	38115	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	43
2	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	41
3	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	38
4	2-Hexenal, (E)-	98	C6H10O	006728-26-3	38
5	2-(Oxolan-3-yl)ethanol	116	C6H12O2	1050496-48-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

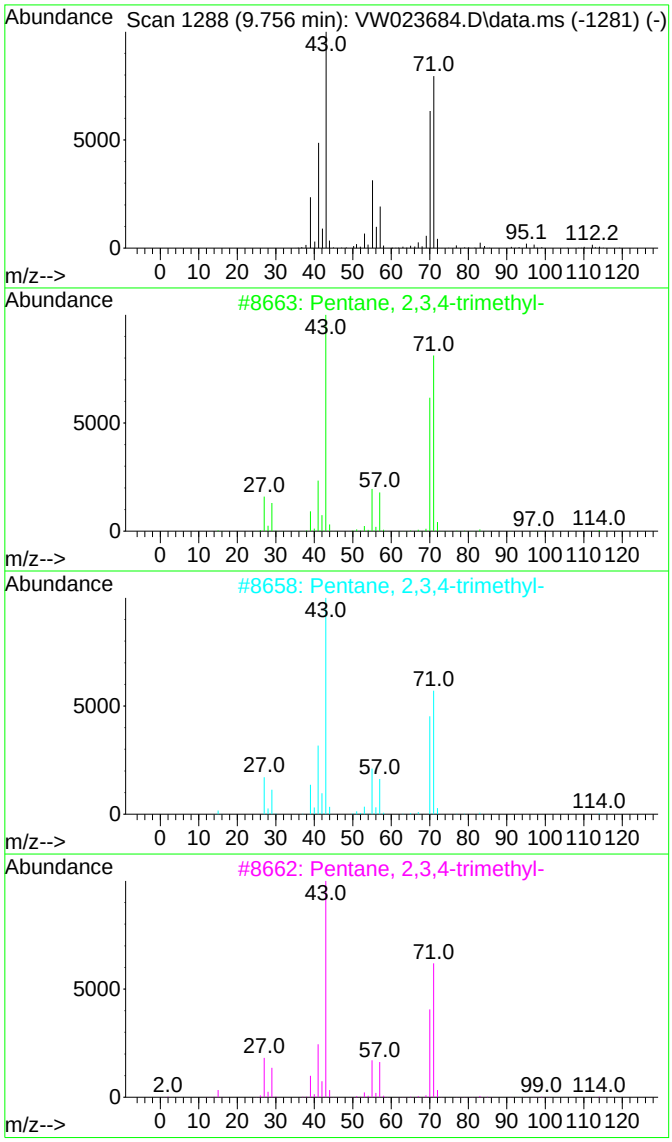
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

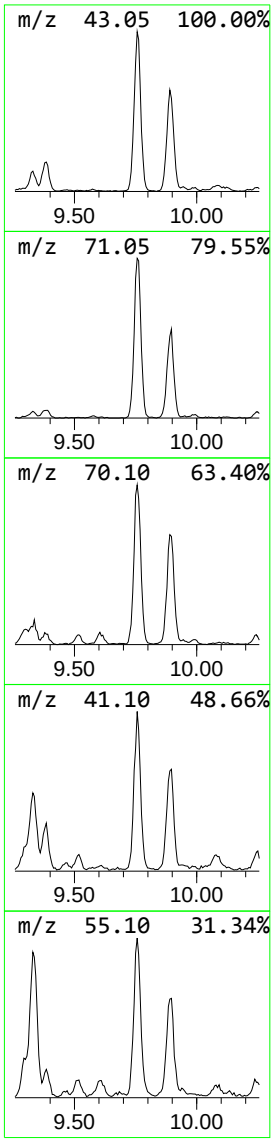
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.756	18.02 ug/L	450178	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	86
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

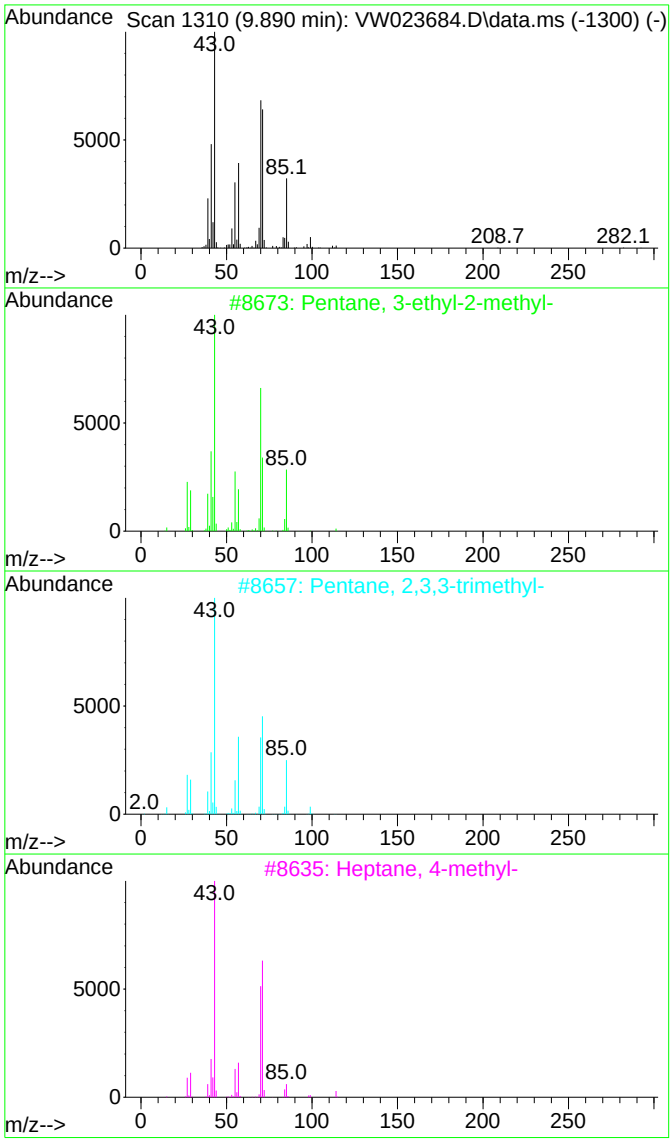
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

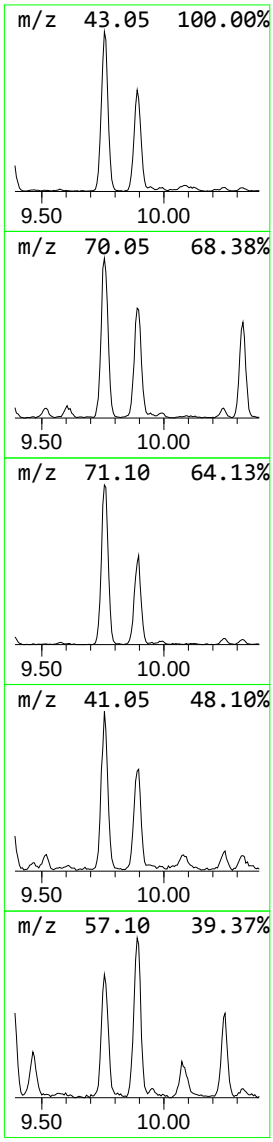
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.890	13.67 ug/L	341599	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

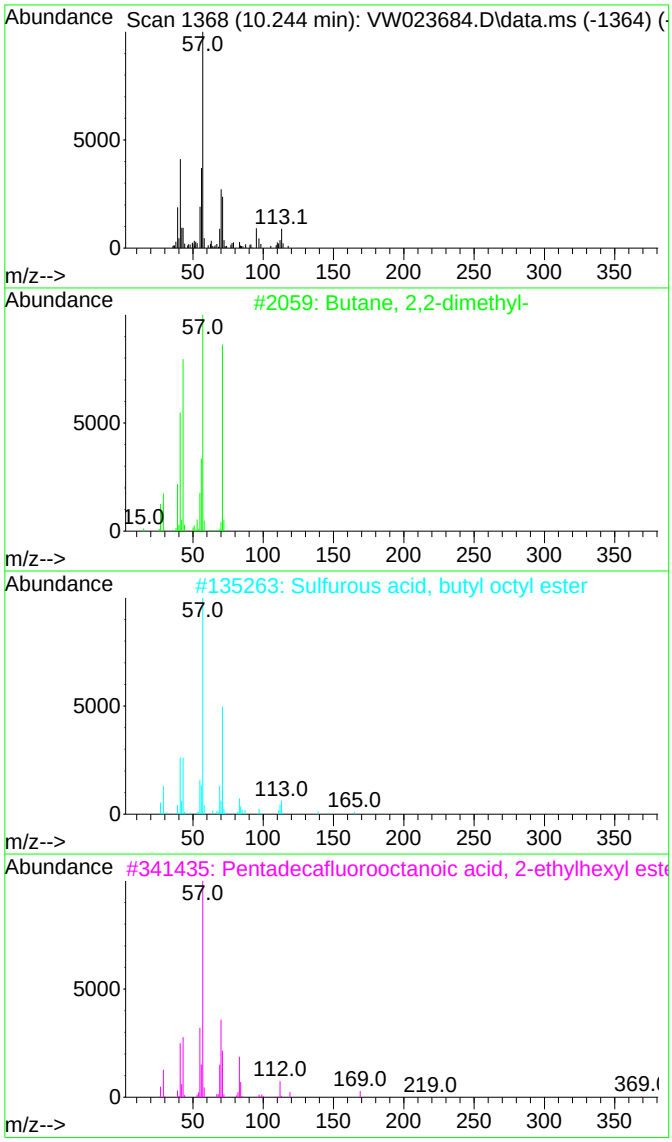
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

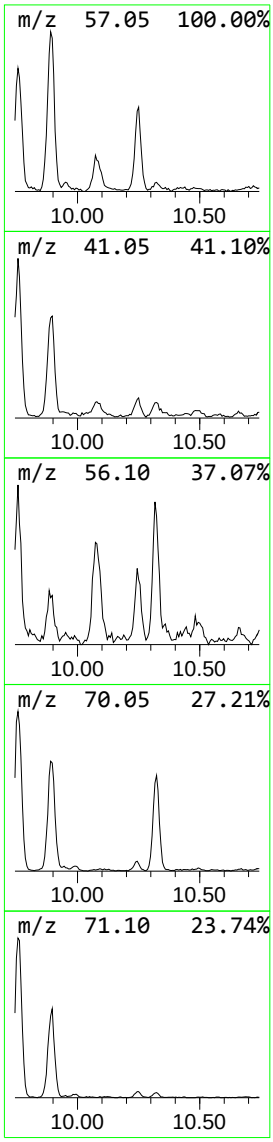
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.244	1.35 ug/L	38790	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43
2	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	43
3	Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	40
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	38
5	Dichloroacetic acid, 2-ethylhexy...	240	C10H18Cl2O2	068144-72-9	38





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Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

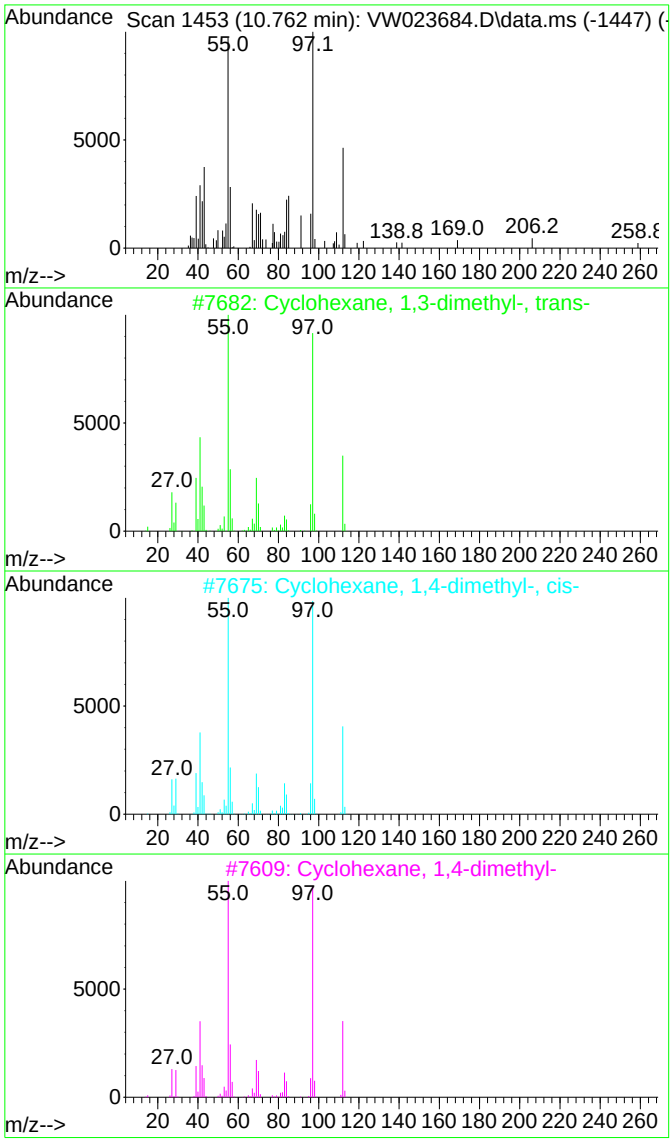
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

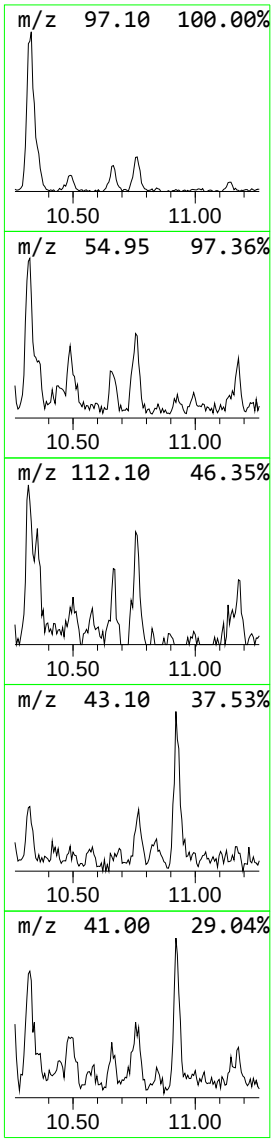
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic10.762 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	1.46 ug/L	42041	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	76
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	68
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	64
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	59





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Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

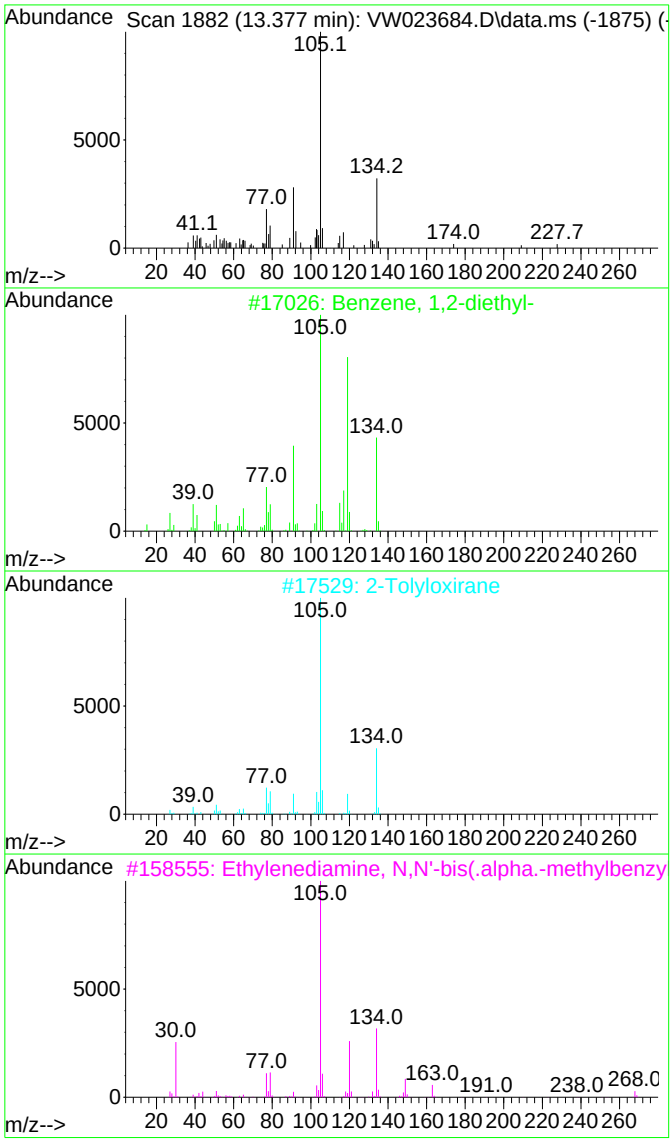
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

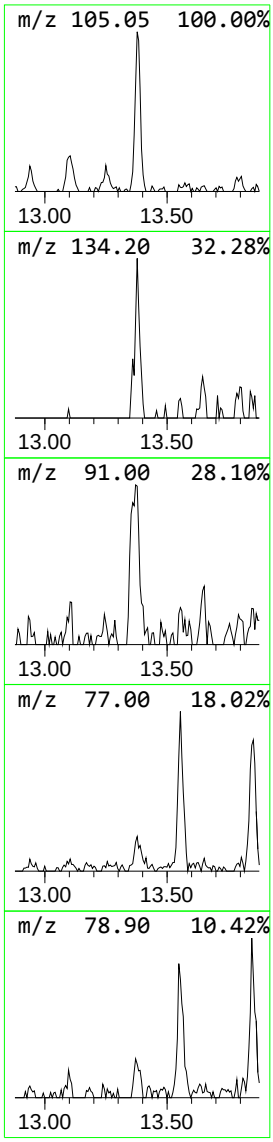
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.377	1.29 ug/L	30377	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
2	2-Tolyloxirane	134	C9H10O	002783-26-8	64
3	Ethylenediamine, N,N'-bis(.alpha...	268	C18H24N2	006280-75-7	59
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	53
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

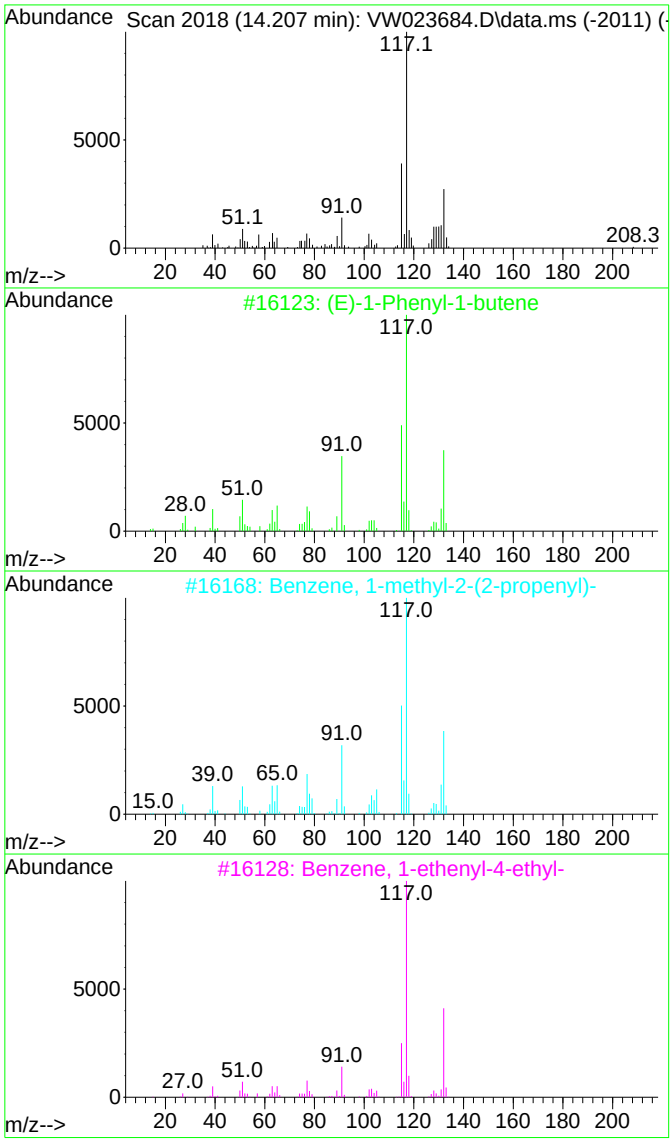
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

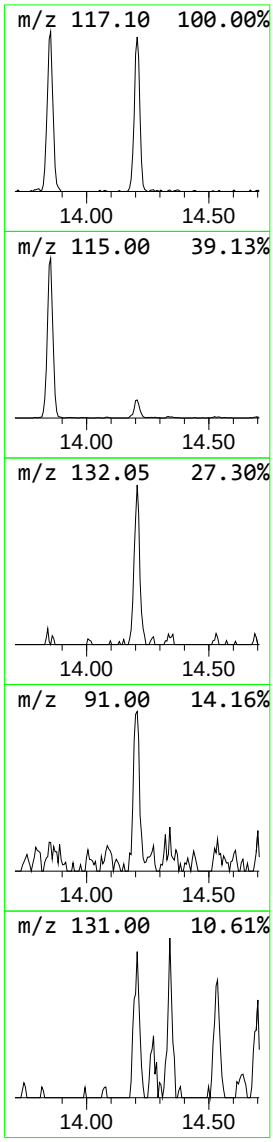
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (E)-1-Phenyl-1-butene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.207	2.50 ug/L	59003	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	81
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	58
4	Indan, 1-methyl-	132	C10H12	000767-58-8	58
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023684.D
Acq On : 14 Jul 2022 07:34
Operator : SY/VA
Sample : N3698-04
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5B69

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...	3.019	1.6	ug/L	40819	1	8.842	624601	25.0
(DEL) Alkane: S...	4.952	12.0	ug/L	300063	1	8.842	624601	25.0
(DEL) Alkane: S...	5.934	2.5	ug/L	62686	1	8.842	624601	25.0
(DEL) Alkane: S...	6.872	5.8	ug/L	146207	1	8.842	624601	25.0
(DEL) Alkane: C...	6.982	5.9	ug/L	148256	1	8.842	624601	25.0
(DEL) Alkane: S...	8.031	28.6	ug/L	713458	1	8.842	624601	25.0
(DEL) Alkane: S...	8.153	6.6	ug/L	164354	1	8.842	624601	25.0
(DEL) Alkane: S...	8.476	44.7	ug/L	1116710	1	8.842	624601	25.0
(DEL) Alkane: S...	8.573	4.3	ug/L	107724	1	8.842	624601	25.0
(DEL) Alkane: C...	9.512	1.5	ug/L	38115	1	8.842	624601	25.0
(DEL) Alkane: S...	9.756	18.0	ug/L	450178	1	8.842	624601	25.0
(DEL) Alkane: S...	9.890	13.7	ug/L	341599	1	8.842	624601	25.0
(DEL) Alkane: S...	10.244	1.4	ug/L	38790	2	11.628	719278	25.0
(DEL) Alkane: C...	10.762	1.5	ug/L	42041	2	11.628	719278	25.0
Benzene, 1,2-di...	13.377	1.3	ug/L	30377	3	13.560	590760	25.0
(E)-1-Phenyl-1-...	14.207	2.5	ug/L	59003	3	13.560	590760	25.0