LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027483.D
Acq On : 31 Oct 2023 14:14
Operator : SY/MD
Sample : 05174-05
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

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\SFAMWLM101123SMA.M
Title : SFAM01.0

Signal : TIC: VW027483.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	70	78	93	rBV	100757	245203	5.03%	0.703%
2	2.899	156	166	178	rBV	65789	183498	3.76%	0.526%
3	3.039	180	189	204	rVV	175138	475676	9.76%	1.363%
4	3.308	226	233	239	rVB2	10372	20294	0.42%	0.058%
5	3.393	239	247	264	rVB2	157047	417712	8.57%	1.197%
6	3.594	271	280	290	rVB	53204	124219	2.55%	0.356%
7	3.759	298	307	314	rBV2	25842	64262	1.32%	0.184%
8	3.856	314	323	337	rVB	83857	214123	4.39%	0.614%
9	4.021	340	350	363	rBV	180514	540754	11.09%	1.550%
10	4.125	363	367	374	rVB2	9260	23413	0.48%	0.067%
11	4.399	404	412	421	rBV4	6101	18529	0.38%	0.053%
12	4.789	466	476	485	rVB4	11550	36980	0.76%	0.106%
13	4.972	486	506	510	rBV4	65612	328137	6.73%	0.940%
14	5.441	570	583	598	rBV2	40574	144317	2.96%	0.414%
15	5.765	625	636	648	rVB4	13398	49311	1.01%	0.141%
16	5.941	653	665	677	rBV2	47496	150009	3.08%	0.430%
17	6.106	683	692	702	rBV5	12270	38766	0.80%	0.111%
18	6.228	702	712	716	rBV3	12663	39915	0.82%	0.114%
19	6.295	716	723	732	rVB2	28382	85095	1.75%	0.244%
20	6.435	736	746	754	rBV2	16573	49194	1.01%	0.141%
21	6.527	754	761	765	rBV4	12959	35776	0.73%	0.103%
22	6.624	774	777	784	rVB4	7280	16299	0.33%	0.047%
23	6.734	785	795	806	rVB2	29555	90521	1.86%	0.259%
24	6.984	826	836	844	rVV	102117	303931	6.24%	0.871%
25	7.075	844	851	856	rVV	63606	179857	3.69%	0.515%
26	7.130	856	860	878	rVB2	66910	202949	4.16%	0.582%
27	7.648	935	945	952	rBV	315556	831223	17.05%	2.382%
28	7.953	983	995	1003	rBV3	60802	192908	3.96%	0.553%
29	8.032	1004	1008	1015	rVB5	12283	29978	0.62%	0.086%
30	8.154	1020	1028	1035	rBV2	19471	44486	0.91%	0.127%
31	8.276	1035	1048	1065	rBV2	626233	1900254	38.99%	5.445%
32	8.453	1065	1077	1082	rBV6	26579	78878	1.62%	0.226%
33	8.508	1084	1086	1092	rVB6	10709	16381	0.34%	0.047%
34	8.575	1092	1097	1108	rVB8	9240	26323	0.54%	0.075%
35	8.697	1108	1117	1126	rVB2	18417	49651	1.02%	0.142%
36	8.843	1129	1141	1154	rBV	695652	1451892	29.79%	4.160%

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Instrument :
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ClientSampleId :
C0AM8

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\SFAMWLM101123SMA.M
Title : SFAM01.0

37	8.996	1161	1166	1172	rVB6	5027	8721	0.18%	0.025%
38	9.118	1182	1186	1198	rVB3	13915	33611	0.69%	0.096%
39	9.276	1202	1212	1218	rBV	433759	926129	19.00%	2.654%
40	9.331	1218	1221	1228	rVB	36066	74759	1.53%	0.214%
41	9.514	1245	1251	1258	rVB4	10525	22109	0.45%	0.063%
42	9.679	1271	1278	1280	rBV6	6507	12360	0.25%	0.035%
43	9.758	1286	1291	1298	rVB6	5139	12559	0.26%	0.036%
44	9.849	1298	1306	1311	rBV2	17252	35093	0.72%	0.101%
45	9.904	1311	1315	1319	rVB4	9066	15190	0.31%	0.044%
46	9.953	1319	1323	1327	rBV7	4463	7576	0.16%	0.022%
47	10.032	1329	1336	1344	rVV	229777	410003	8.41%	1.175%
48	10.093	1344	1346	1356	rVB10	7936	17070	0.35%	0.049%
49	10.203	1356	1364	1369	rBV2	16670	33832	0.69%	0.097%
50	10.325	1376	1384	1388	rBV	826013	1481723	30.40%	4.246%
51	10.386	1388	1394	1407	rVV	2812322	4874020	100.00%	13.966%
52	10.495	1407	1412	1419	rVB9	7867	18929	0.39%	0.054%
53	10.581	1419	1426	1435	rVB	135636	238001	4.88%	0.682%
54	10.703	1439	1446	1451	rBV	27909	47833	0.98%	0.137%
55	10.849	1464	1470	1476	rBV8	6824	13811	0.28%	0.040%
56	10.922	1476	1482	1493	rVV	241738	414288	8.50%	1.187%
57	11.062	1500	1505	1511	rVV2	11684	26014	0.53%	0.075%
58	11.434	1560	1566	1572	rVB3	9712	20699	0.42%	0.059%
59	11.629	1587	1598	1607	rBV	1005686	1667036	34.20%	4.777%
60	11.727	1607	1614	1622	rVB	1014618	1629013	33.42%	4.668%
61	11.831	1622	1631	1642	rBV	2520048	4547516	93.30%	13.031%
62	11.971	1650	1654	1662	rVB10	4228	8581	0.18%	0.025%
63	12.166	1678	1686	1695	rVB	1054812	1729212	35.48%	4.955%
64	12.465	1728	1735	1741	rVV	43974	74125	1.52%	0.212%
65	12.605	1751	1758	1763	rVB2	51852	93195	1.91%	0.267%
66	12.690	1763	1772	1779	rBV	322128	526252	10.80%	1.508%
67	12.800	1785	1790	1795	rVV	105055	162181	3.33%	0.465%
68	12.861	1795	1800	1804	rVV	348363	598656	12.28%	1.715%
69	12.897	1804	1806	1809	rVV	161793	198941	4.08%	0.570%
70	12.940	1809	1813	1820	rVB	158249	241358	4.95%	0.692%
71	13.099	1832	1839	1848	rBV	167975	273449	5.61%	0.784%
72	13.245	1856	1863	1870	rBV	650068	1004327	20.61%	2.878%
73	13.361	1876	1882	1883	rBV5	5363	8144	0.17%	0.023%
74	13.434	1892	1894	1898	rVV2	8252	10918	0.22%	0.031%
75	13.495	1898	1904	1907	rVV8	6184	11210	0.23%	0.032%
76	13.556	1907	1914	1926	rVV2	1105167	2021029	41.47%	5.791%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

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\SFAMWLM101123SMA.M
Title : SFAM01.0

77	13.714	1934	1940	1941	rBV	17879	22735	0.47%	0.065%
78	13.751	1941	1946	1956	rVV2	234293	458837	9.41%	1.315%
79	13.849	1956	1962	1973	rVB	755934	1233402	25.31%	3.534%
80	13.940	1973	1977	1983	rVB2	21766	38240	0.78%	0.110%
81	14.007	1983	1988	1991	rBV2	31021	52817	1.08%	0.151%
82	14.092	1999	2002	2008	rVB	43916	66678	1.37%	0.191%
83	14.159	2008	2013	2015	rBV	11461	17562	0.36%	0.050%
84	14.202	2015	2020	2028	rVB2	41900	67967	1.39%	0.195%
85	14.330	2033	2041	2048	rVB5	16264	37929	0.78%	0.109%
86	14.409	2048	2054	2058	rBV	23771	43336	0.89%	0.124%
87	14.452	2058	2061	2065	rVB	32766	43363	0.89%	0.124%
88	14.525	2071	2073	2081	rVB8	5151	9298	0.19%	0.027%
89	14.684	2093	2099	2103	rBV	35823	58285	1.20%	0.167%
90	14.800	2110	2118	2124	rBV2	61058	122228	2.51%	0.350%
91	14.861	2125	2128	2135	rVB8	7377	12765	0.26%	0.037%
92	14.952	2138	2143	2151	rBV5	14261	27790	0.57%	0.080%
93	15.056	2151	2160	2163	rBV5	8800	22800	0.47%	0.065%
94	15.165	2173	2178	2186	rVB5	9322	23660	0.49%	0.068%
95	15.360	2203	2210	2217	rBV	106152	188675	3.87%	0.541%
96	15.427	2217	2221	2226	rBV	22215	33241	0.68%	0.095%
97	15.647	2250	2257	2268	rBV9	4659	14021	0.29%	0.040%
98	16.019	2312	2318	2323	rBV10	3061	6964	0.14%	0.020%
99	16.433	2380	2386	2391	rBV4	12944	25480	0.52%	0.073%
100	16.635	2413	2419	2427	rVB7	7426	19787	0.41%	0.057%

Sum of corrected areas: 34898047

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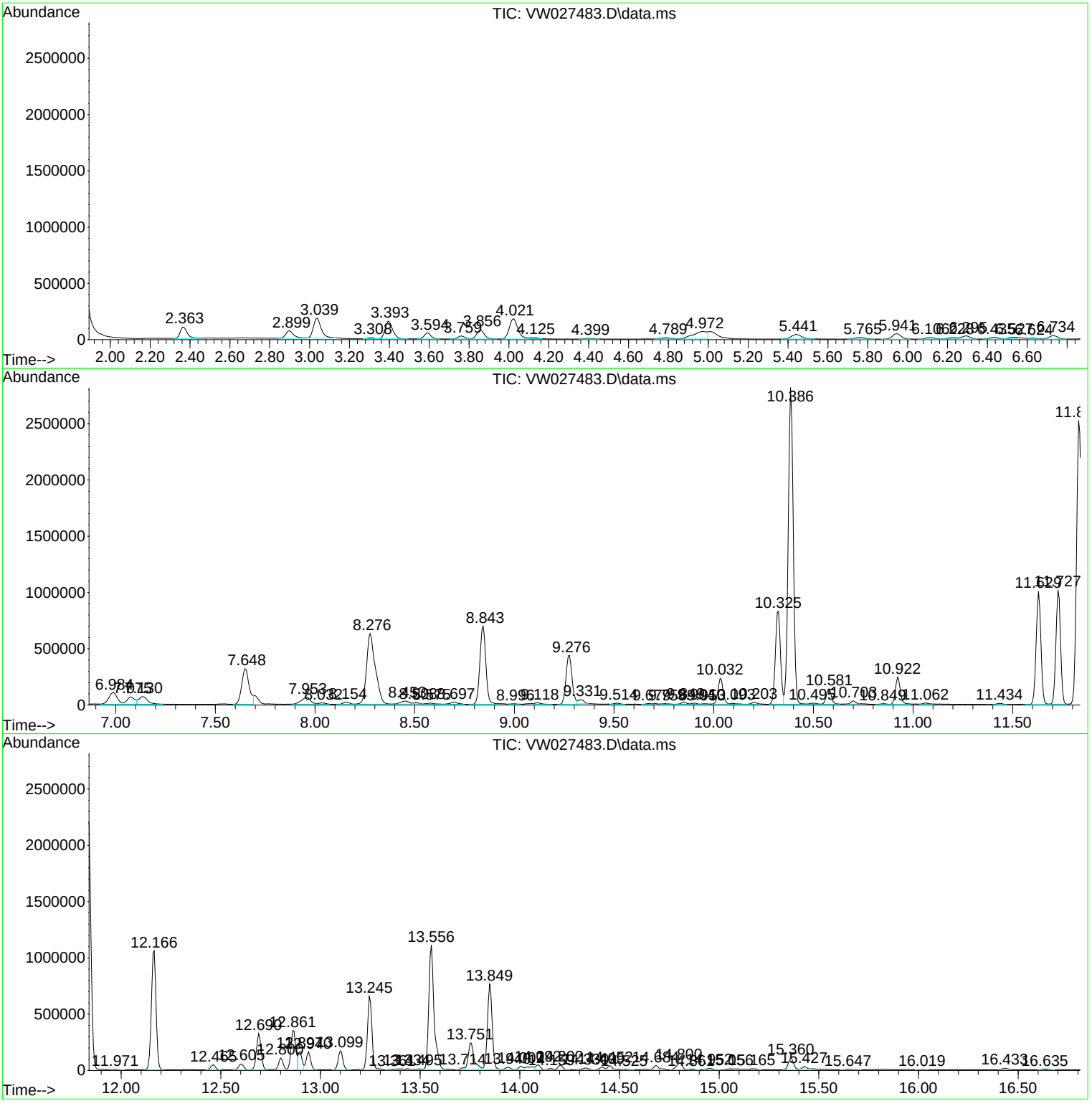
Instrument :
MSVOA_W
ClientSampleId :
C0AM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027483.D
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Instrument :
MSVOA_W
ClientSampleId :
C0AM8

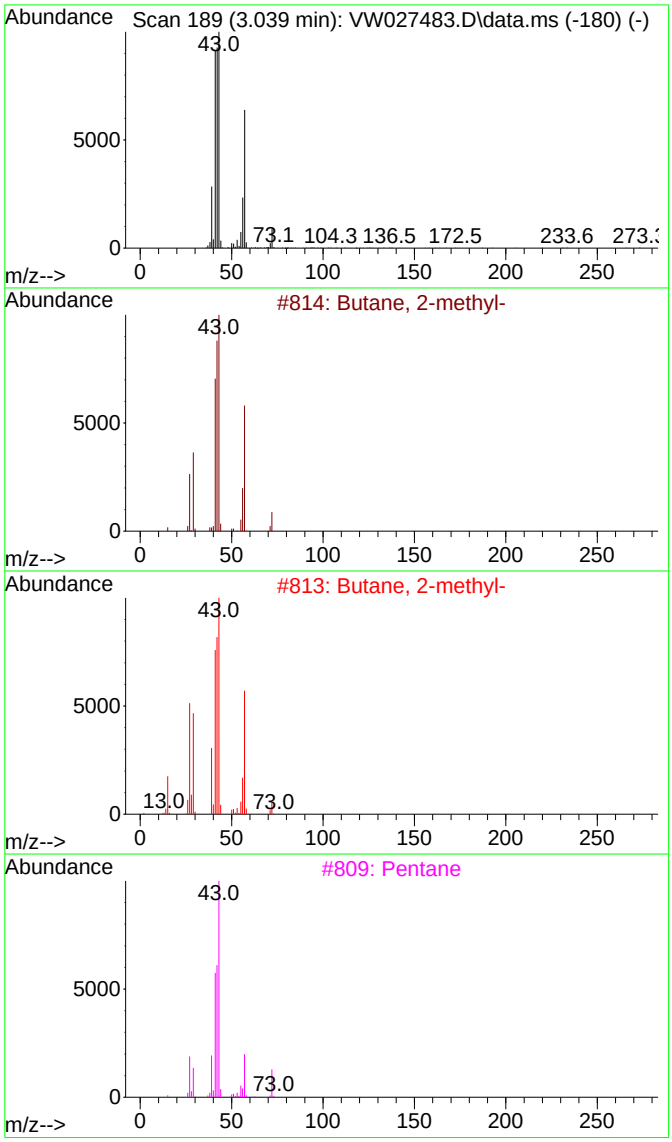
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

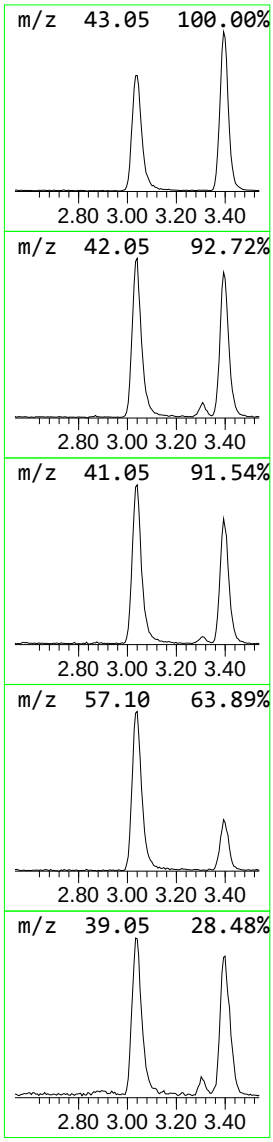
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.039	8.19 ug/L	475676	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	Pentane	72	C5H12	000109-66-0	42
4	3-Buten-1-ol	72	C4H8O	000627-27-0	38
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027483.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

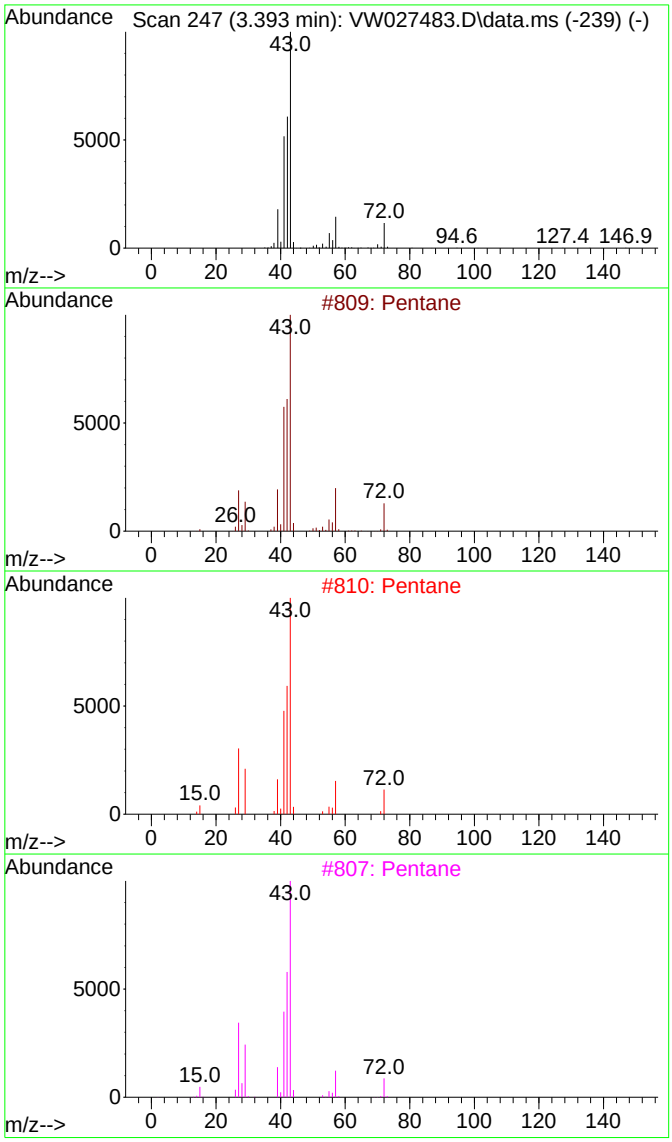
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

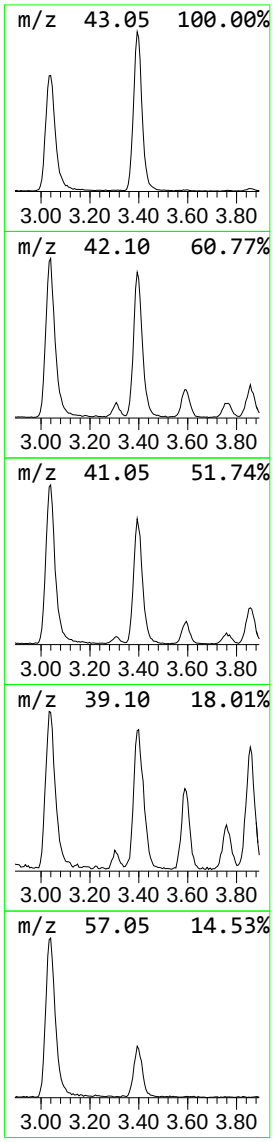
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	7.19 ug/L	417712	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	80
5	Pentane	72	C5H12	000109-66-0	59





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Instrument :
MSVOA_W
ClientSampleId :
C0AM8

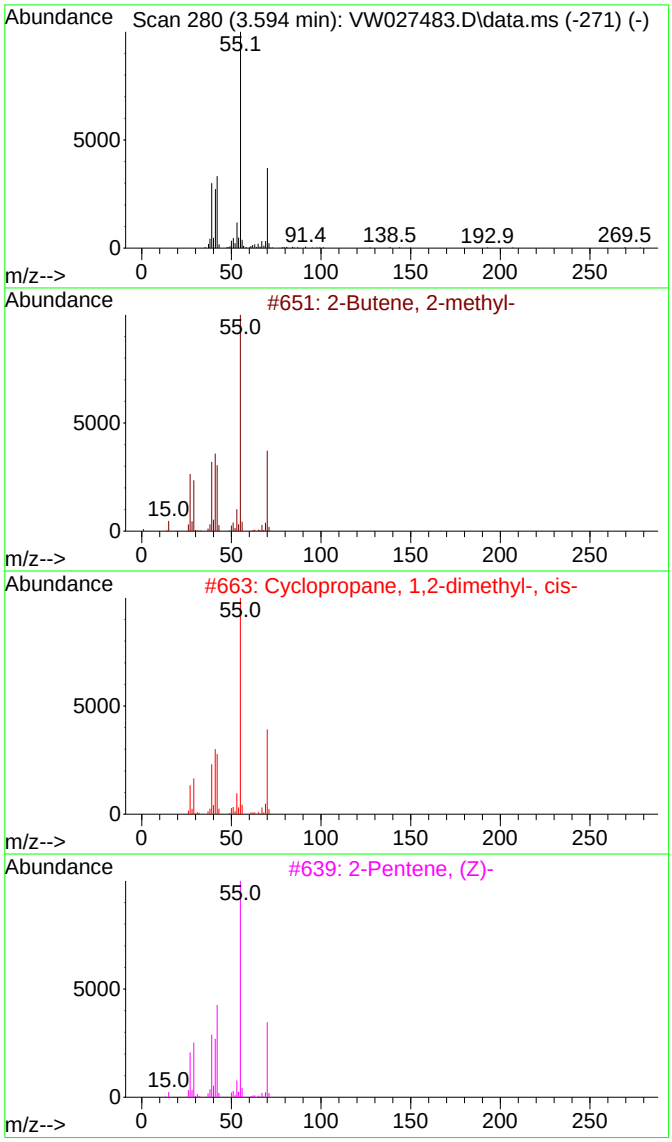
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

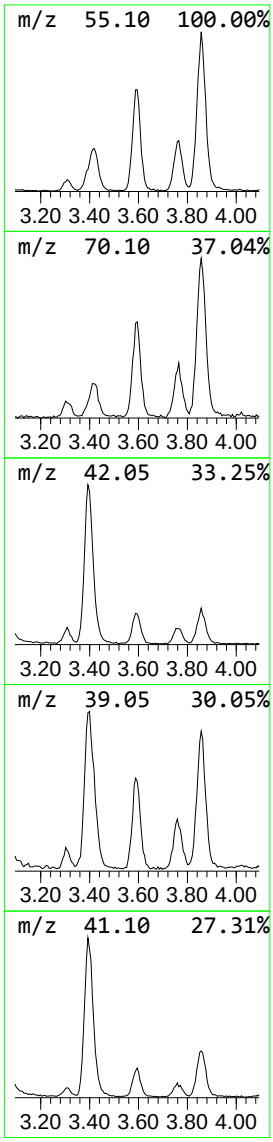
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.594	2.14 ug/L	124219	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	87
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	83
5	2-Pentene, (E)-	70	C5H10	000646-04-8	83





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Instrument :
MSVOA_W
ClientSampleId :
C0AM8

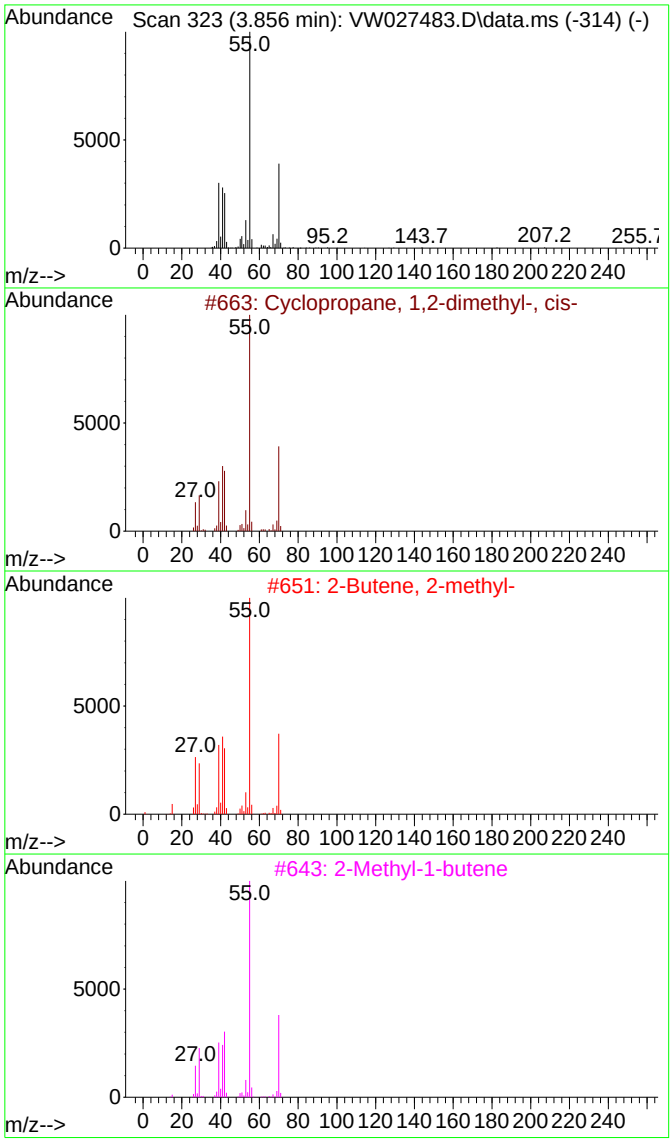
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

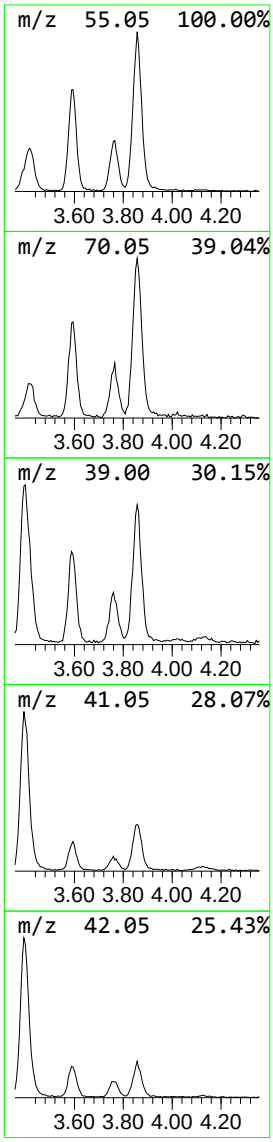
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic3.856 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.856	3.69 ug/L	214123	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
3	2-Methyl-1-butene	70	C5H10	000563-46-2	86
4	2-Pentene	70	C5H10	000109-68-2	86
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83





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Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

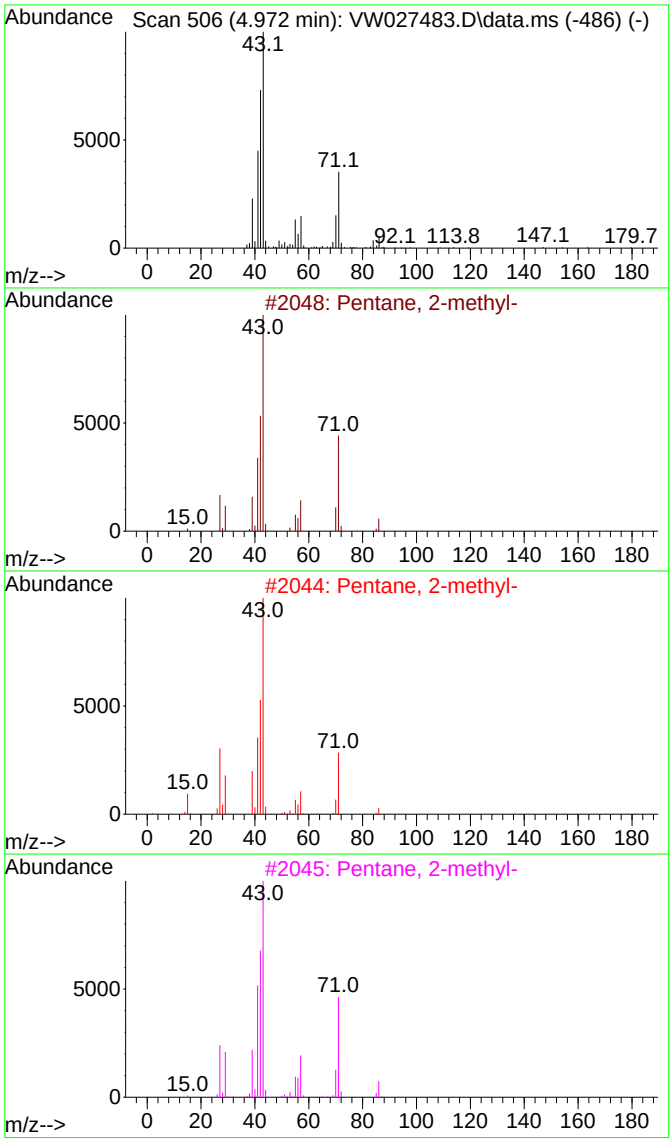
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

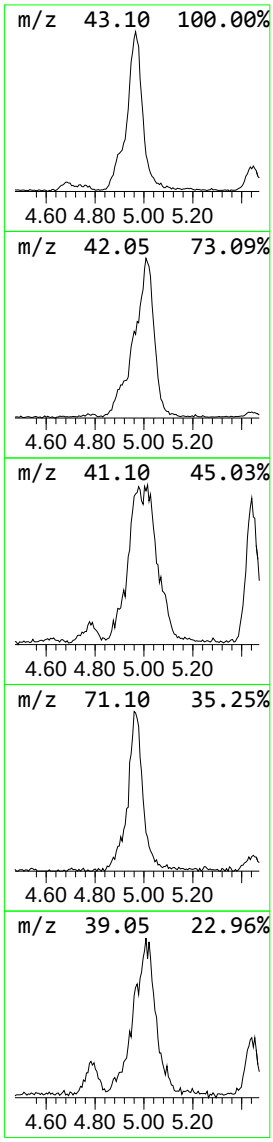
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.972	5.65 ug/L	328137	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	80
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	74
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	58
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027483.D
Acq On : 31 Oct 2023 14:14
Operator : SY/MD
Sample : 05174-05
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

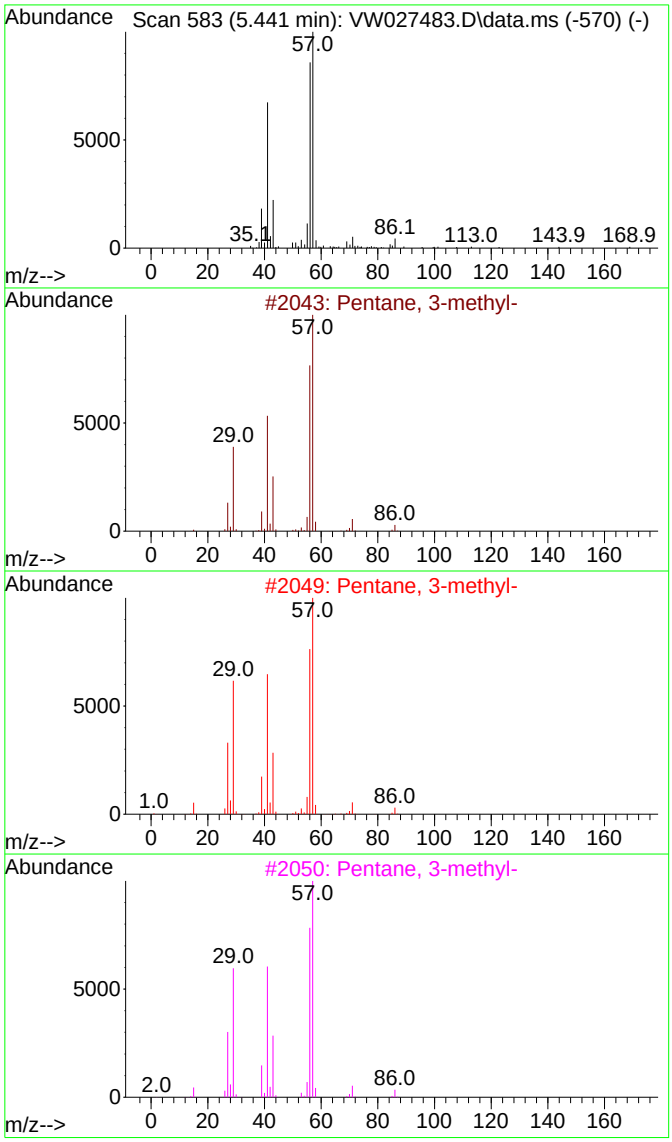
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

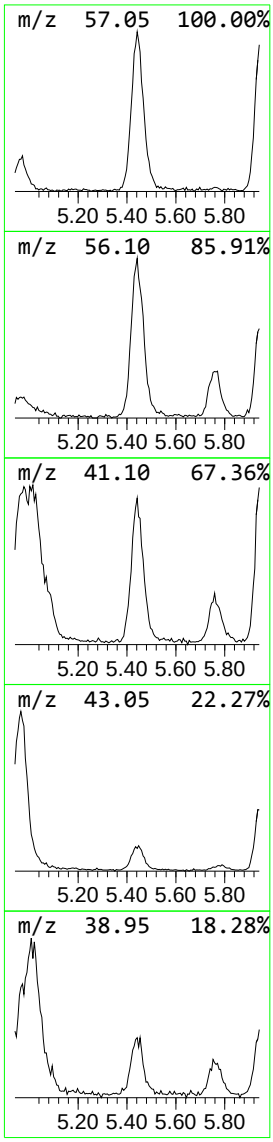
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.441	2.48 ug/L	144317	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027483.D
Acq On : 31 Oct 2023 14:14
Operator : SY/MD
Sample : 05174-05
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

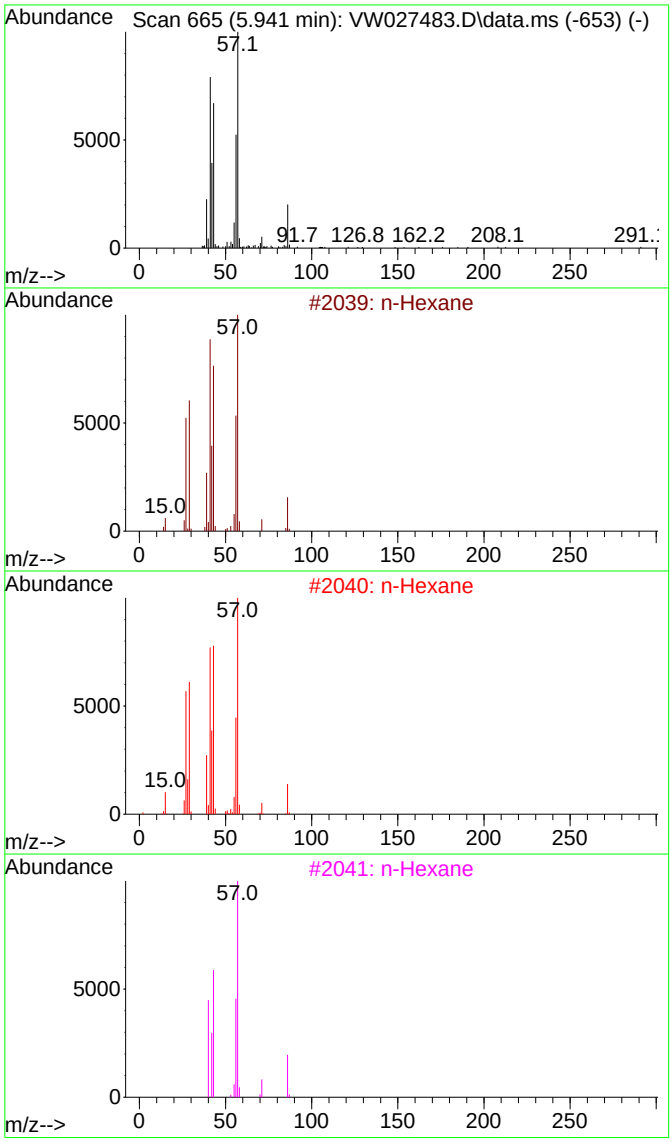
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

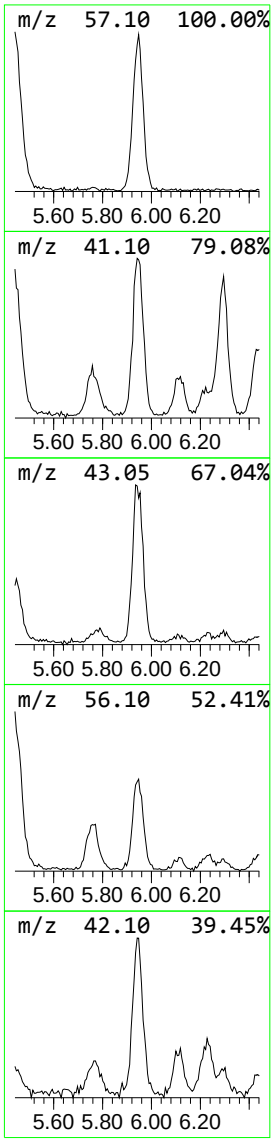
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	2.58 ug/L	150009	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	64
4	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	59
5	n-Hexane	86	C6H14	000110-54-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027483.D
Acq On : 31 Oct 2023 14:14
Operator : SY/MD
Sample : 05174-05
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

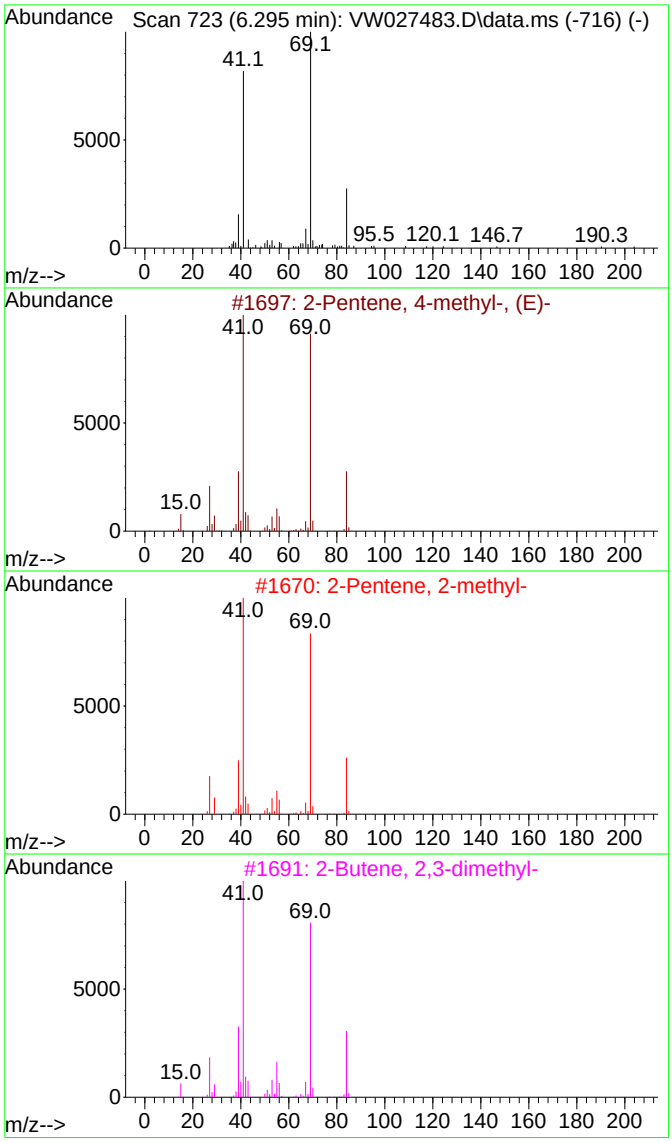
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

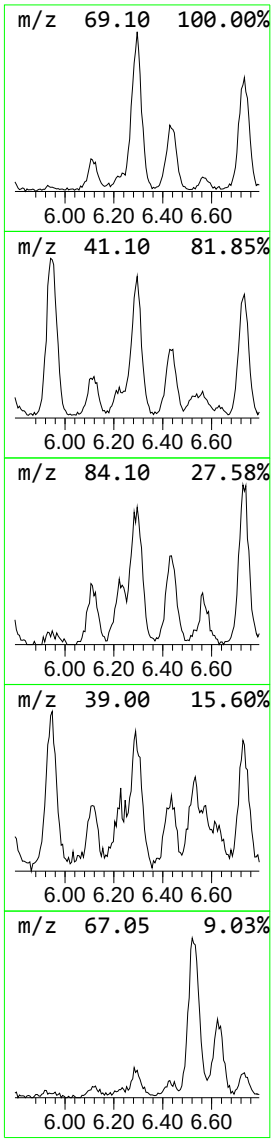
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.295	1.47 ug/L	85095	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	86
2	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	86
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	78
4	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	78
5	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027483.D
Acq On : 31 Oct 2023 14:14
Operator : SY/MD
Sample : 05174-05
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

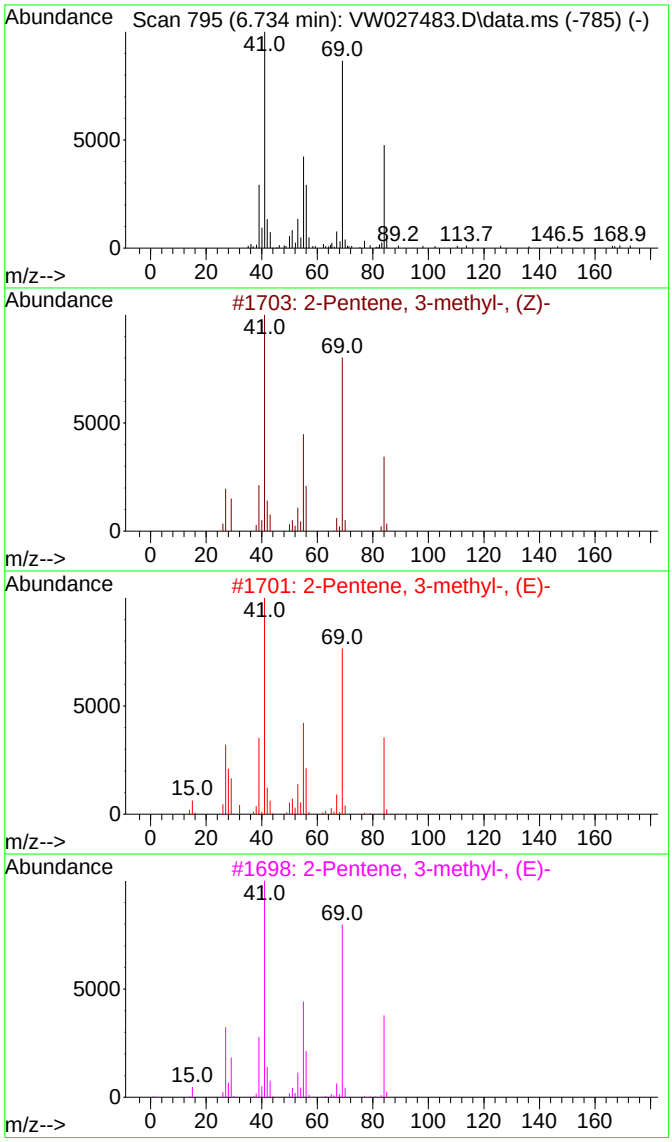
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

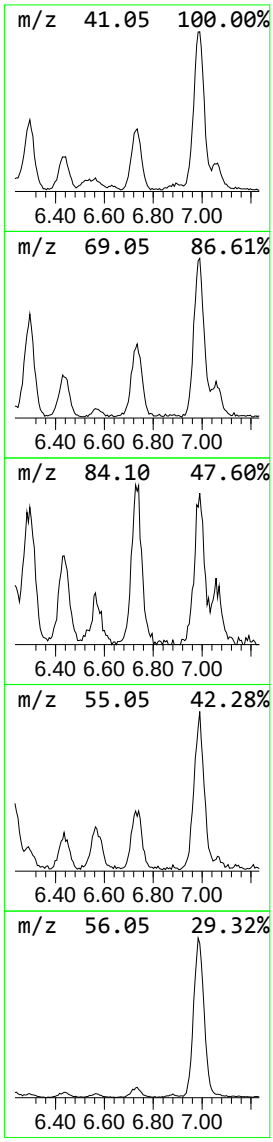
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.734	1.56 ug/L	90521	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	90
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	90
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	90
5	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027483.D
Acq On : 31 Oct 2023 14:14
Operator : SY/MD
Sample : 05174-05
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

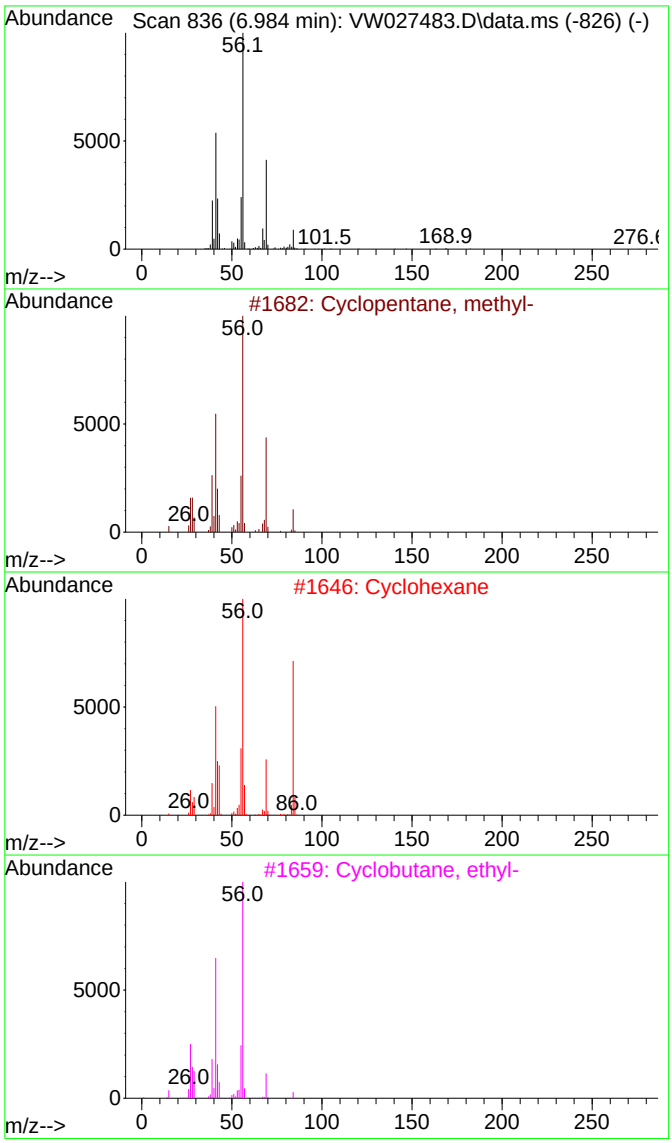
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

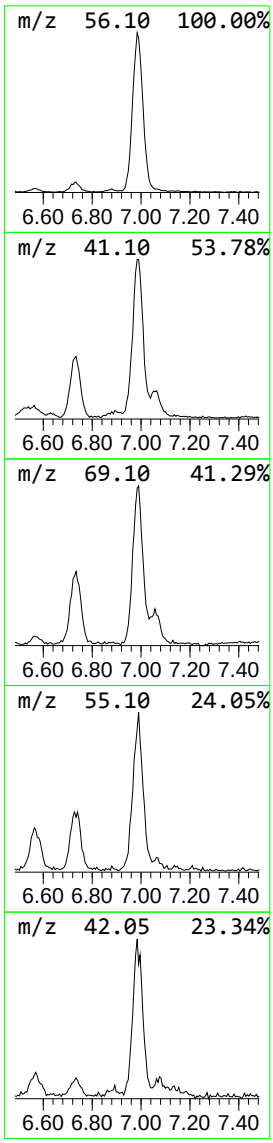
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic6.984 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.984	5.23 ug/L	303931	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclohexane	84	C6H12	000110-82-7	78
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027483.D
Acq On : 31 Oct 2023 14:14
Operator : SY/MD
Sample : 05174-05
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

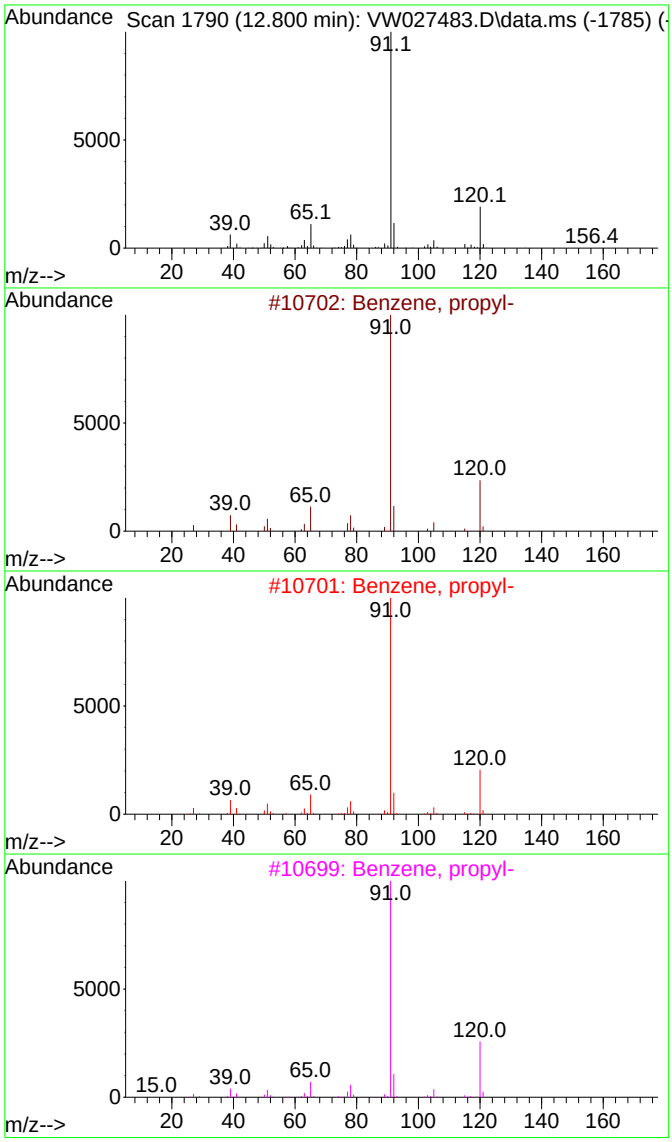
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

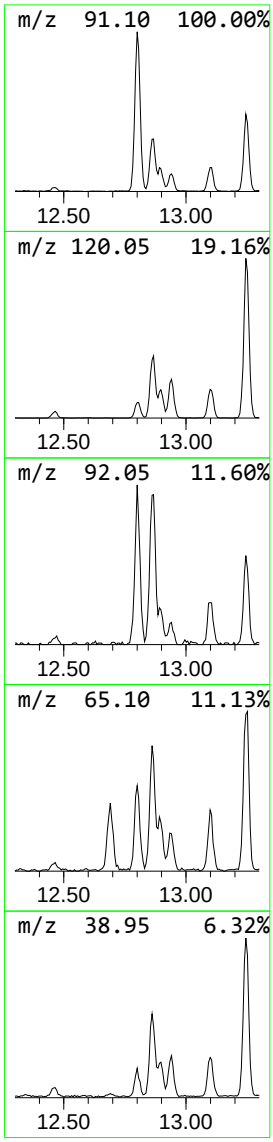
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.800	2.01 ug/L	162181	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027483.D
Acq On : 31 Oct 2023 14:14
Operator : SY/MD
Sample : 05174-05
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

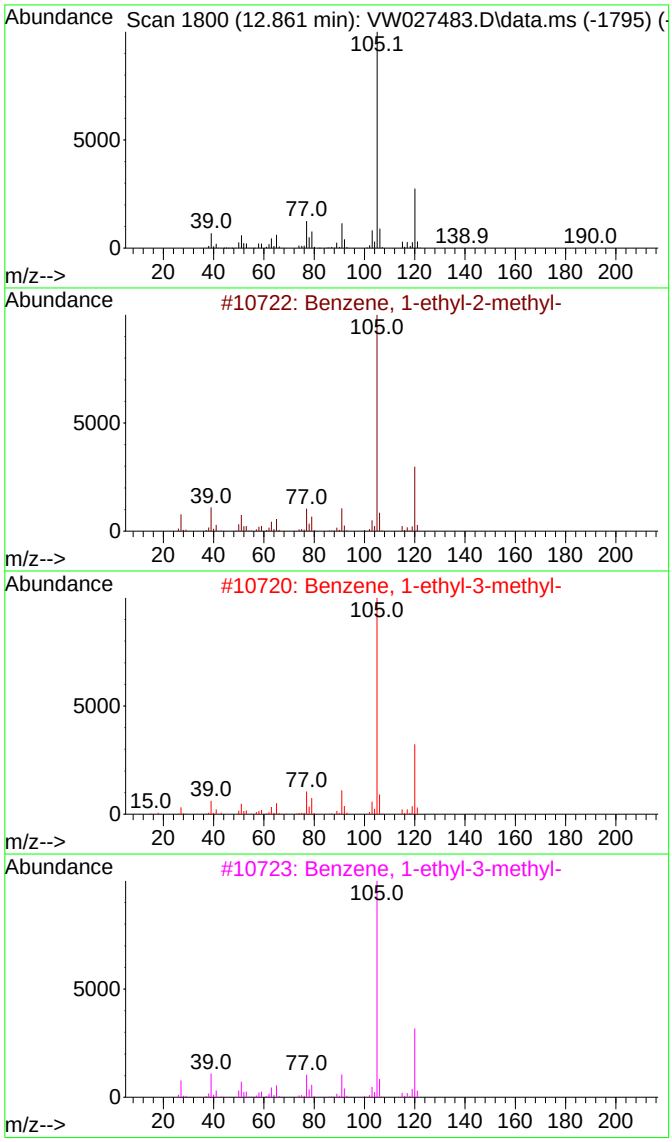
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

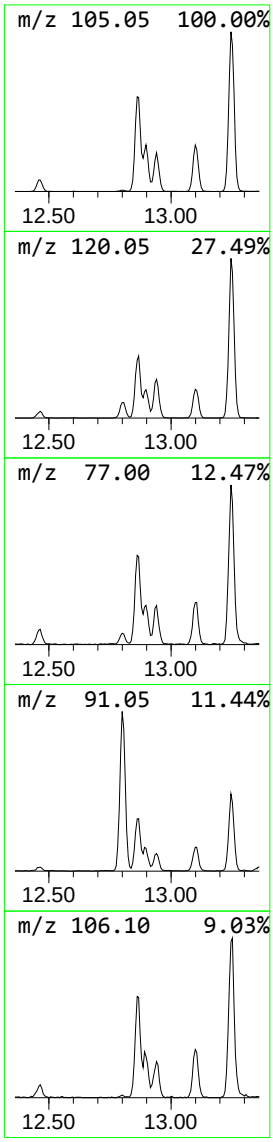
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	7.41 ug/L	598656	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027483.D
Acq On : 31 Oct 2023 14:14
Operator : SY/MD
Sample : 05174-05
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

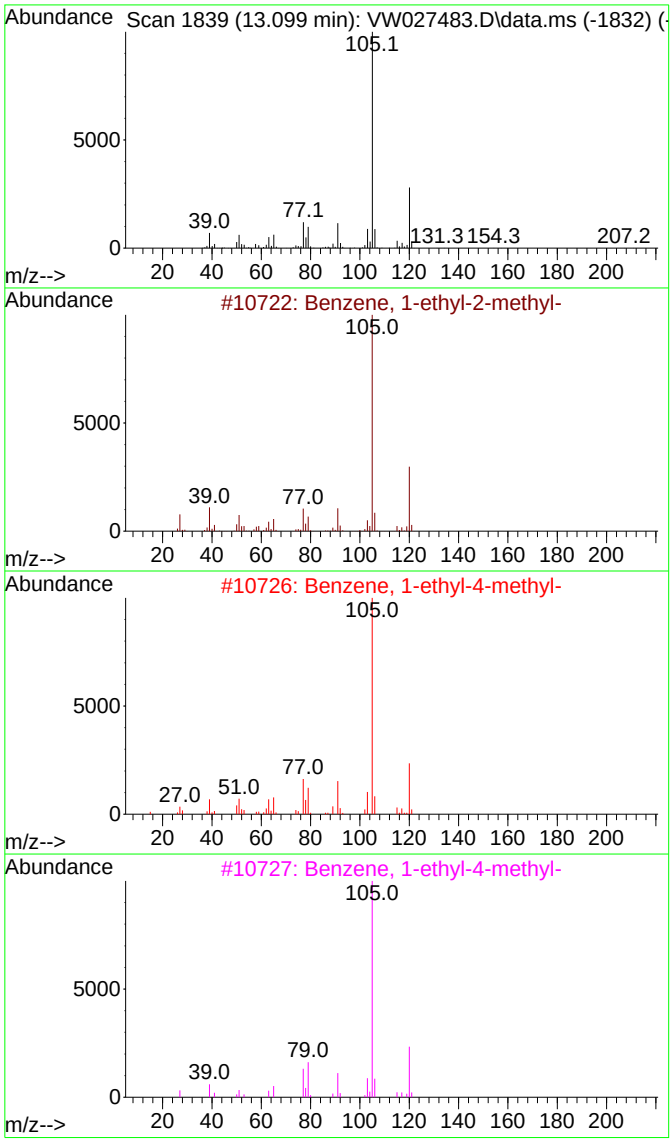
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

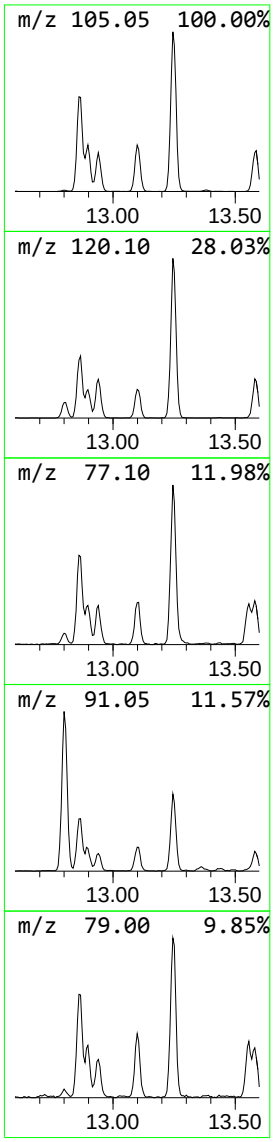
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-ethyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.099	3.38 ug/L	273449	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-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027483.D
Acq On : 31 Oct 2023 14:14
Operator : SY/MD
Sample : 05174-05
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

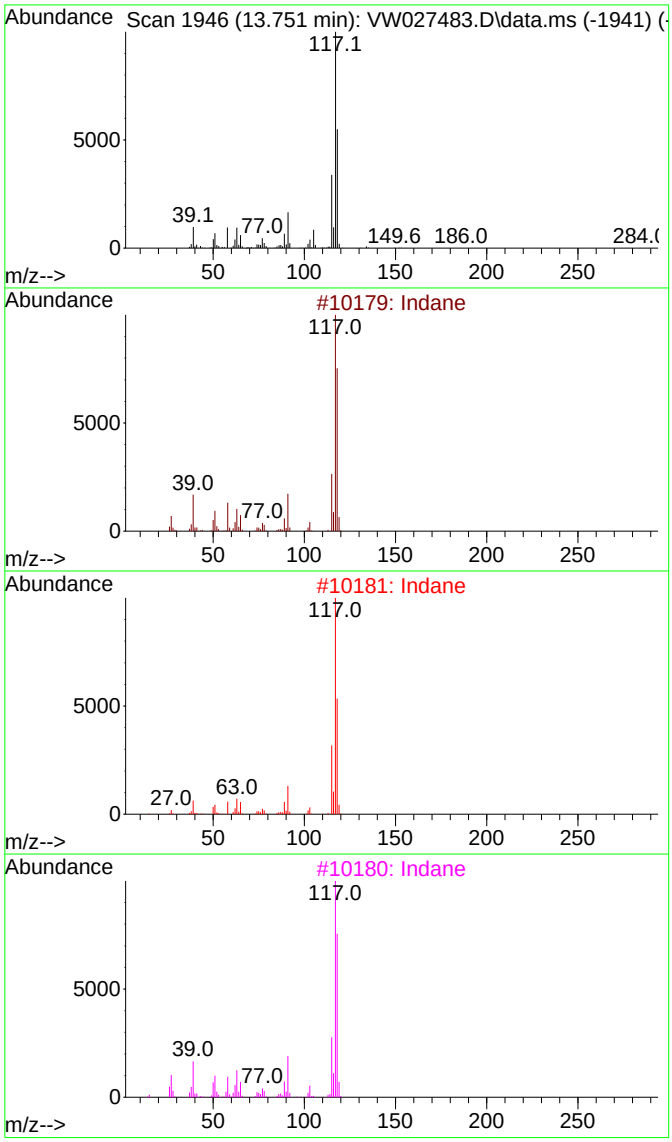
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

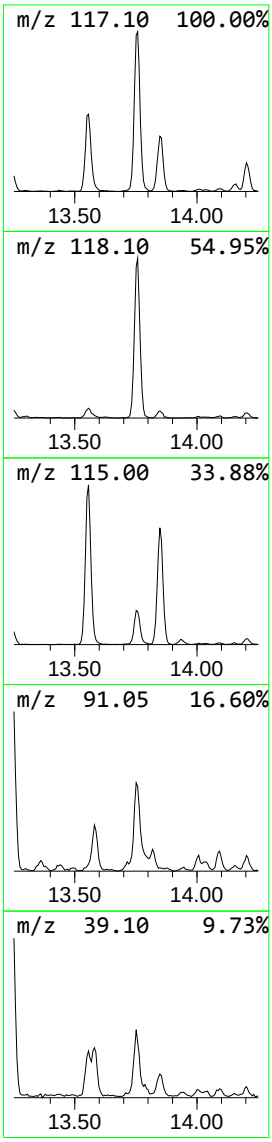
****

Peak Number 17 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	5.68 ug/L	458837	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	87
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027483.D
Acq On : 31 Oct 2023 14:14
Operator : SY/MD
Sample : 05174-05
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

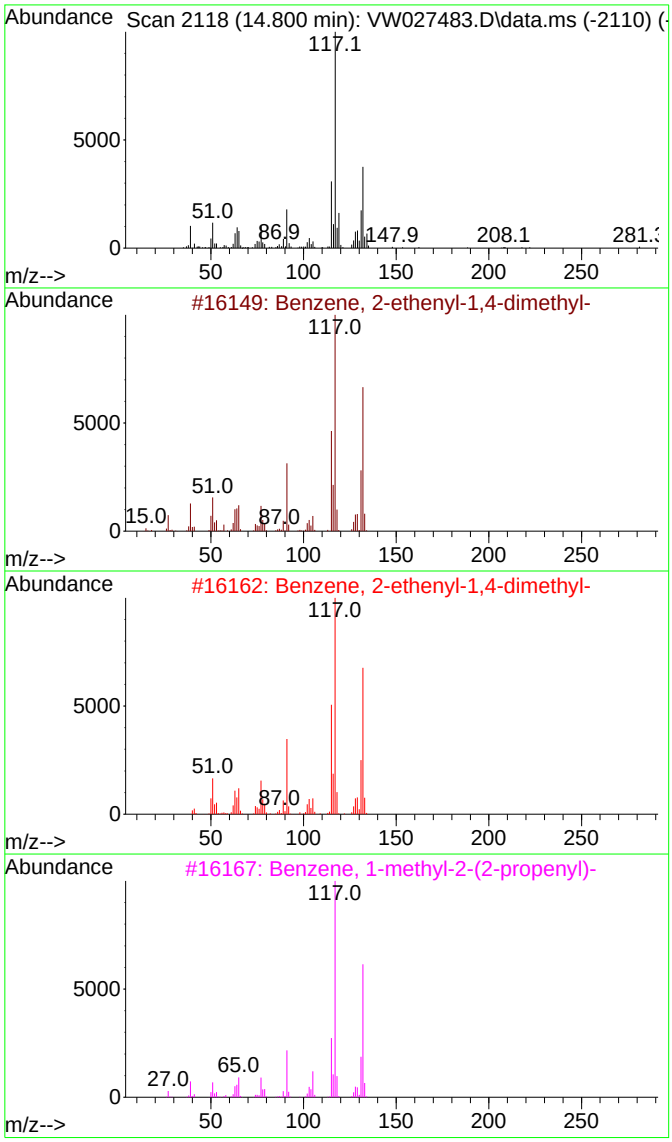
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

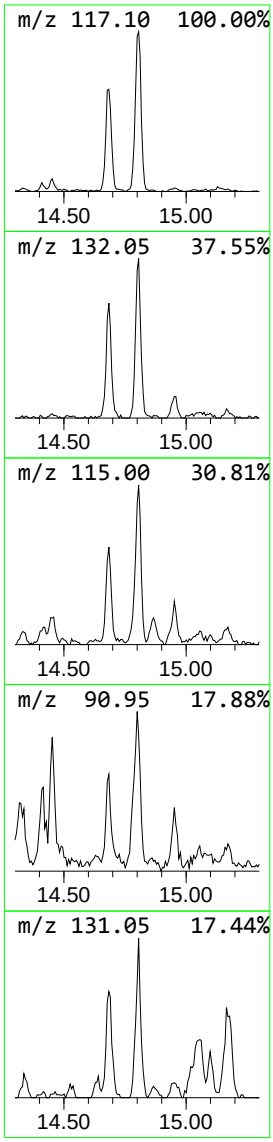
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.800	1.51 ug/L	122228	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027483.D
Acq On : 31 Oct 2023 14:14
Operator : SY/MD
Sample : 05174-05
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

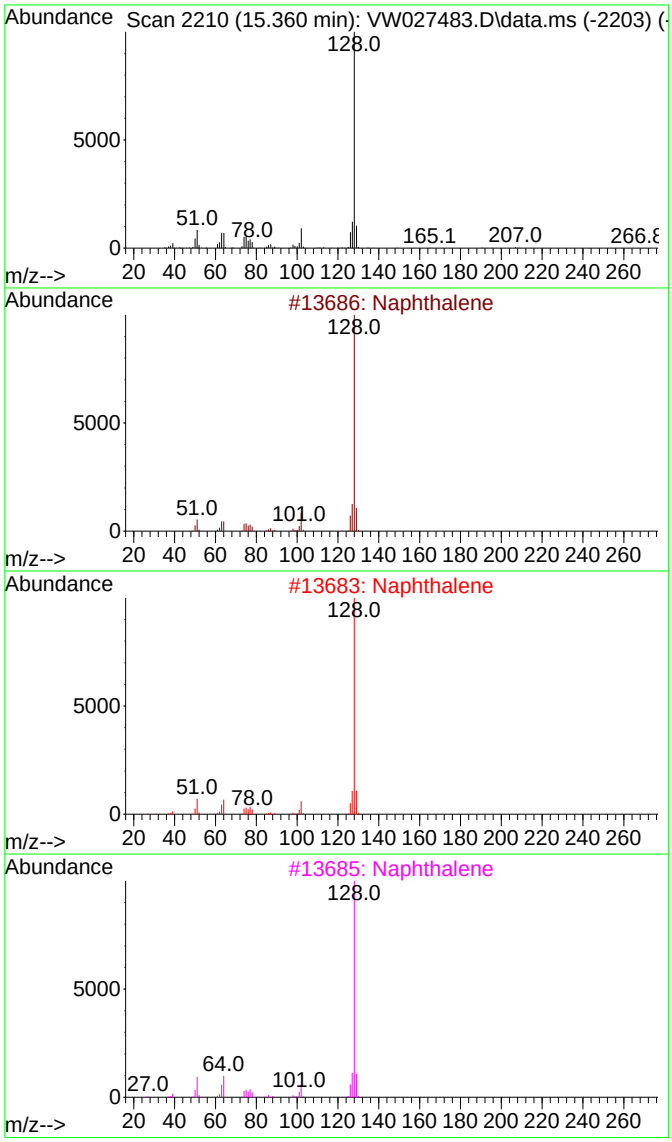
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

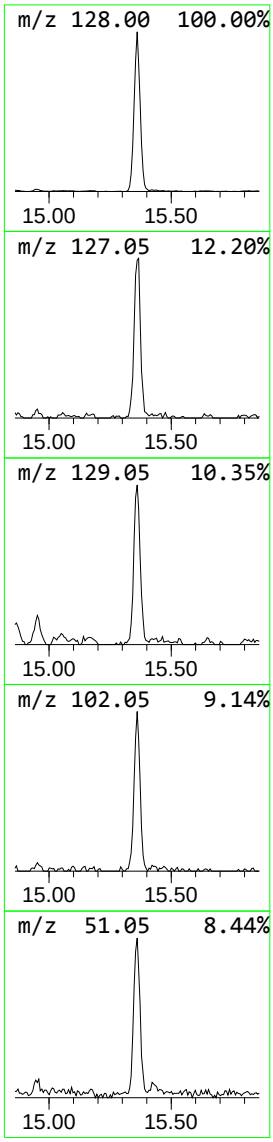
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Azulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	2.33 ug/L	188675	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Naphthalene	128	C10H8	000091-20-3	93
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027483.D
Acq On : 31 Oct 2023 14:14
Operator : SY/MD
Sample : 05174-05
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.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...	3.039	8.2	ug/L	475676	1	8.843	1451890	25.0
(DEL) Alkane: S...	3.393	7.2	ug/L	417712	1	8.843	1451890	25.0
(DEL) Alkane: S...	3.594	2.1	ug/L	124219	1	8.843	1451890	25.0
(DEL) Alkane: C...	3.856	3.7	ug/L	214123	1	8.843	1451890	25.0
(DEL) Alkane: S...	4.972	5.7	ug/L	328137	1	8.843	1451890	25.0
(DEL) Alkane: S...	5.441	2.5	ug/L	144317	1	8.843	1451890	25.0
(DEL) Alkane: S...	5.941	2.6	ug/L	150009	1	8.843	1451890	25.0
(DEL) Alkane: S...	6.295	1.5	ug/L	85095	1	8.843	1451890	25.0
(DEL) Alkane: S...	6.734	1.6	ug/L	90521	1	8.843	1451890	25.0
(DEL) Alkane: C...	6.984	5.2	ug/L	303931	1	8.843	1451890	25.0
Benzene, propyl-	12.800	2.0	ug/L	162181	3	13.556	2021030	25.0
Benzene, 1-ethy...	12.861	7.4	ug/L	598656	3	13.556	2021030	25.0
Benzene, 1-ethy...	13.099	3.4	ug/L	273449	3	13.556	2021030	25.0
Indane	13.751	5.7	ug/L	458837	3	13.556	2021030	25.0
Benzene, 2-ethe...	14.800	1.5	ug/L	122228	3	13.556	2021030	25.0
Azulene	15.360	2.3	ug/L	188675	3	13.556	2021030	25.0