LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

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\SFAMWLM091823SMA.M
Title : SFAM01.0

Signal : TIC: VW027132.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.180	39	48	53	rBV	12470	25564	0.94%	0.094%
2	2.363	65	78	90	rVV2	152625	379321	13.89%	1.389%
3	2.893	158	165	179	rBV	96133	280582	10.27%	1.027%
4	3.027	182	187	200	rVB3	44802	113463	4.15%	0.415%
5	3.302	228	232	238	rVV3	8647	18005	0.66%	0.066%
6	3.393	240	247	264	rVB3	134710	348090	12.74%	1.274%
7	3.588	272	279	289	rVB3	12442	30490	1.12%	0.112%
8	3.759	300	307	314	rVB4	8293	22119	0.81%	0.081%
9	3.862	314	324	332	rBV3	11171	33297	1.22%	0.122%
10	4.021	338	350	363	rBV	237889	776488	28.43%	2.843%
11	4.393	399	411	421	rBV	29746	95656	3.50%	0.350%
12	4.753	459	470	471	rBV6	10054	21179	0.78%	0.078%
13	4.960	485	504	522	rBV3	65994	353964	12.96%	1.296%
14	5.441	569	583	596	rBV4	61466	216694	7.93%	0.793%
15	5.771	627	637	650	rVB5	23824	98520	3.61%	0.361%
16	5.941	653	665	678	rBV	159795	487570	17.85%	1.785%
17	6.106	685	692	702	rBV6	9996	27471	1.01%	0.101%
18	6.222	703	711	718	rBV3	15051	46684	1.71%	0.171%
19	6.289	718	722	733	rVB5	12992	36601	1.34%	0.134%
20	6.563	762	767	778	rVB5	10555	26730	0.98%	0.098%
21	6.984	826	836	843	rBV4	9778	26421	0.97%	0.097%
22	7.075	843	851	864	rBV2	67913	220241	8.06%	0.806%
23	7.514	915	923	933	rBV5	7962	25031	0.92%	0.092%
24	7.648	933	945	962	rBV	454609	1214708	44.47%	4.447%
25	7.850	968	978	984	rBV4	12251	31983	1.17%	0.117%
26	7.923	984	990	998	rBV2	71063	171092	6.26%	0.626%
27	8.032	998	1008	1018	rVB5	40208	147014	5.38%	0.538%
28	8.154	1018	1028	1037	rBV	160019	367965	13.47%	1.347%
29	8.276	1037	1048	1066	rBV2	917087	2731291	100.00%	9.999%
30	8.423	1066	1072	1080	rVB3	20502	52774	1.93%	0.193%
31	8.520	1082	1088	1093	rBV2	31475	70710	2.59%	0.259%
32	8.593	1093	1100	1108	rVB6	41146	101887	3.73%	0.373%
33	8.691	1108	1116	1127	rVB	227622	484852	17.75%	1.775%
34	8.843	1130	1141	1148	rBV	928657	1915336	70.13%	7.012%
35	8.996	1162	1166	1171	rVB3	10728	19370	0.71%	0.071%
36	9.081	1171	1180	1194	rVB2	118095	280274	10.26%	1.026%

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

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\SFAMWLM091823SMA.M
Title : SFAM01.0

37	9.270	1202	1211	1225	rBV	606848	1300154	47.60%	4.760%
38	9.386	1225	1230	1239	rVB5	25877	54819	2.01%	0.201%
39	9.514	1245	1251	1258	rVB3	19712	44121	1.62%	0.162%
40	9.691	1271	1280	1284	rBV7	21818	56109	2.05%	0.205%
41	9.746	1284	1289	1294	rVB3	40148	76551	2.80%	0.280%
42	9.813	1294	1300	1304	rBV4	17737	31690	1.16%	0.116%
43	9.898	1304	1314	1318	rBV6	41961	106707	3.91%	0.391%
44	9.959	1318	1324	1327	rBV	78017	145881	5.34%	0.534%
45	9.989	1327	1329	1331	rVV	26141	25263	0.92%	0.092%
46	10.032	1331	1336	1342	rVB	276421	445519	16.31%	1.631%
47	10.093	1342	1346	1357	rVB	161096	383374	14.04%	1.403%
48	10.184	1357	1361	1367	rVB4	15263	25691	0.94%	0.094%
49	10.325	1369	1384	1390	rBV	1303910	2321691	85.00%	8.499%
50	10.501	1406	1413	1419	rVB	237761	422995	15.49%	1.549%
51	10.575	1419	1425	1430	rBV2	228603	410922	15.04%	1.504%
52	10.623	1430	1433	1439	rVB2	52556	78651	2.88%	0.288%
53	10.697	1439	1445	1449	rBV6	21800	42937	1.57%	0.157%
54	10.776	1454	1458	1464	rVB4	42207	73495	2.69%	0.269%
55	10.849	1464	1470	1476	rVB6	20919	38350	1.40%	0.140%
56	10.922	1476	1482	1491	rBV	187362	367535	13.46%	1.345%
57	11.038	1496	1501	1502	rBV	19981	30339	1.11%	0.111%
58	11.117	1509	1514	1520	rVB8	15470	44926	1.64%	0.164%
59	11.178	1520	1524	1527	rBV3	25678	38974	1.43%	0.143%
60	11.245	1527	1535	1537	rBV5	22957	52829	1.93%	0.193%
61	11.337	1546	1550	1553	rBV2	36962	62070	2.27%	0.227%
62	11.404	1553	1561	1566	rVV3	111277	263805	9.66%	0.966%
63	11.453	1566	1569	1573	rVB2	32735	44758	1.64%	0.164%
64	11.507	1573	1578	1586	rVB	141268	227494	8.33%	0.833%
65	11.629	1588	1598	1606	rVB	1296277	2180750	79.84%	7.983%
66	11.727	1608	1614	1620	rBV3	111548	206606	7.56%	0.756%
67	11.788	1620	1624	1625	rBV	28649	39069	1.43%	0.143%
68	11.837	1626	1632	1642	rVB3	155074	339670	12.44%	1.243%
69	11.922	1642	1646	1650	rBV3	30359	43830	1.60%	0.160%
70	12.013	1657	1661	1664	rBV5	13157	23951	0.88%	0.088%
71	12.056	1664	1668	1675	rVV4	30800	57001	2.09%	0.209%
72	12.135	1677	1681	1683	rVV5	13628	21147	0.77%	0.077%
73	12.160	1683	1685	1692	rVB	18187	28562	1.05%	0.105%
74	12.245	1693	1699	1703	rBV5	29174	62402	2.28%	0.228%
75	12.330	1709	1713	1716	rBV4	24451	36669	1.34%	0.134%
76	12.367	1716	1719	1725	rVB4	28395	50119	1.83%	0.183%

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Instrument :
MSVOA_W
ClientSampleId :
EZYW9

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\SFAMWLM091823SMA.M
Title : SFAM01.0

77	12.434	1725	1730	1735	rBV5	28097	66125	2.42%	0.242%
78	12.495	1735	1740	1744	rBV6	37835	91469	3.35%	0.335%
79	12.605	1754	1758	1761	rBV2	26568	46907	1.72%	0.172%
80	12.647	1762	1765	1767	rVV	44460	56535	2.07%	0.207%
81	12.690	1767	1772	1785	rVB	457850	824674	30.19%	3.019%
82	12.800	1785	1790	1792	rBV2	31185	48920	1.79%	0.179%
83	12.830	1792	1795	1798	rVV4	25046	33528	1.23%	0.123%
84	12.879	1798	1803	1806	rVV3	29606	64301	2.35%	0.235%
85	12.928	1806	1811	1818	rVV	93284	154533	5.66%	0.566%
86	12.989	1818	1821	1831	rVB5	25767	53154	1.95%	0.195%
87	13.105	1831	1840	1852	rBV6	33153	122449	4.48%	0.448%
88	13.288	1867	1870	1875	rBV3	12268	18274	0.67%	0.067%
89	13.440	1892	1895	1898	rVB5	15984	19136	0.70%	0.070%
90	13.483	1898	1902	1905	rVV2	23933	35965	1.32%	0.132%
91	13.513	1905	1907	1908	rVV	28980	28638	1.05%	0.105%
92	13.556	1908	1914	1921	rVV	1264167	2015704	73.80%	7.379%
93	13.617	1922	1924	1931	rVB4	30154	47840	1.75%	0.175%
94	13.751	1942	1946	1949	rBV3	27416	44986	1.65%	0.165%
95	13.848	1955	1962	1970	rVB	1087666	1792379	65.62%	6.562%
96	14.202	2015	2020	2025	rBV4	20763	37637	1.38%	0.138%
97	14.489	2064	2067	2072	rVB5	18459	27643	1.01%	0.101%
98	14.702	2096	2102	2104	rBV8	15398	32962	1.21%	0.121%
99	14.806	2113	2119	2125	rBV7	13775	29723	1.09%	0.109%
100	14.952	2140	2143	2149	rVB8	9284	15816	0.58%	0.058%

Sum of corrected areas: 27316161

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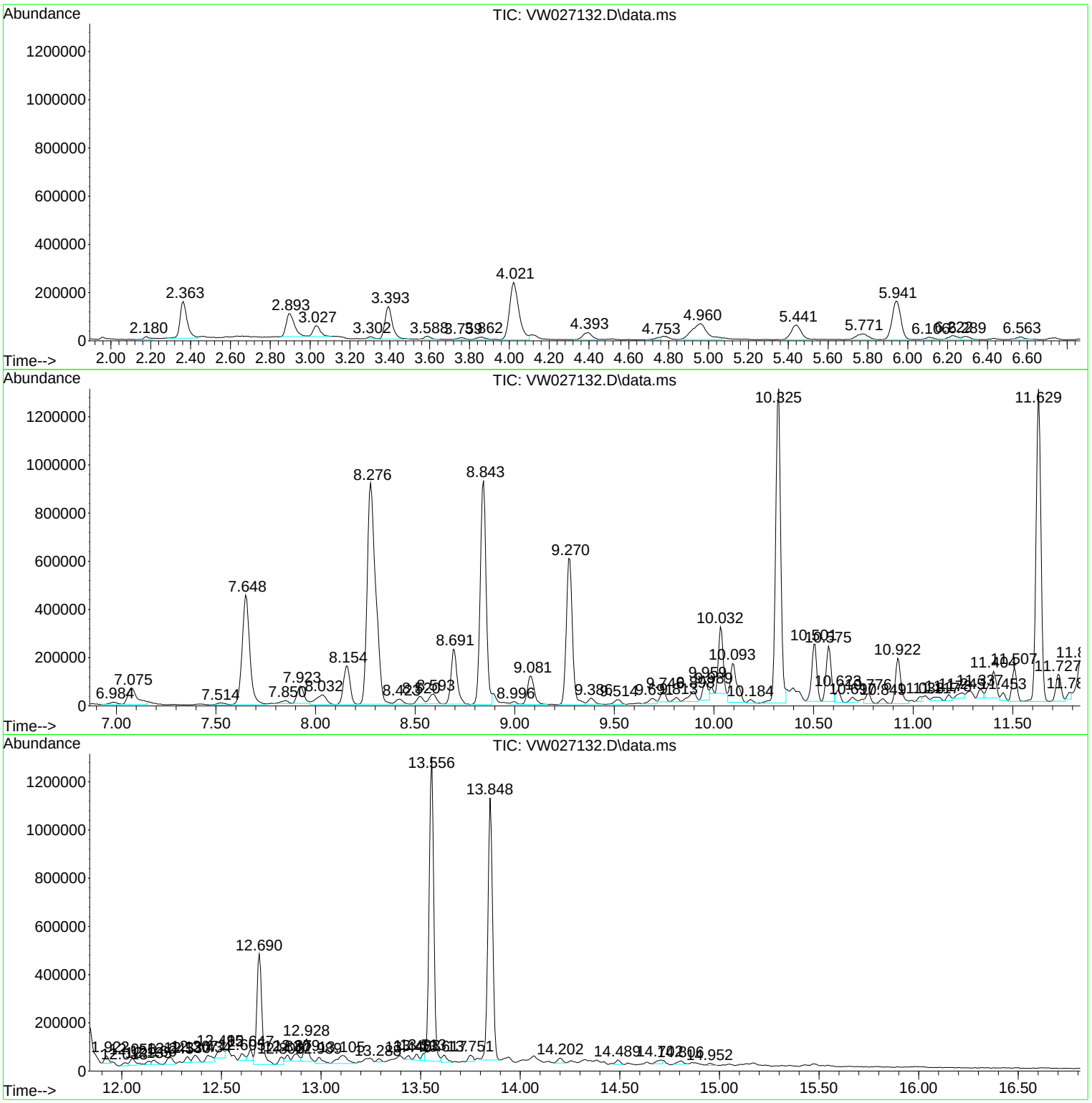
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

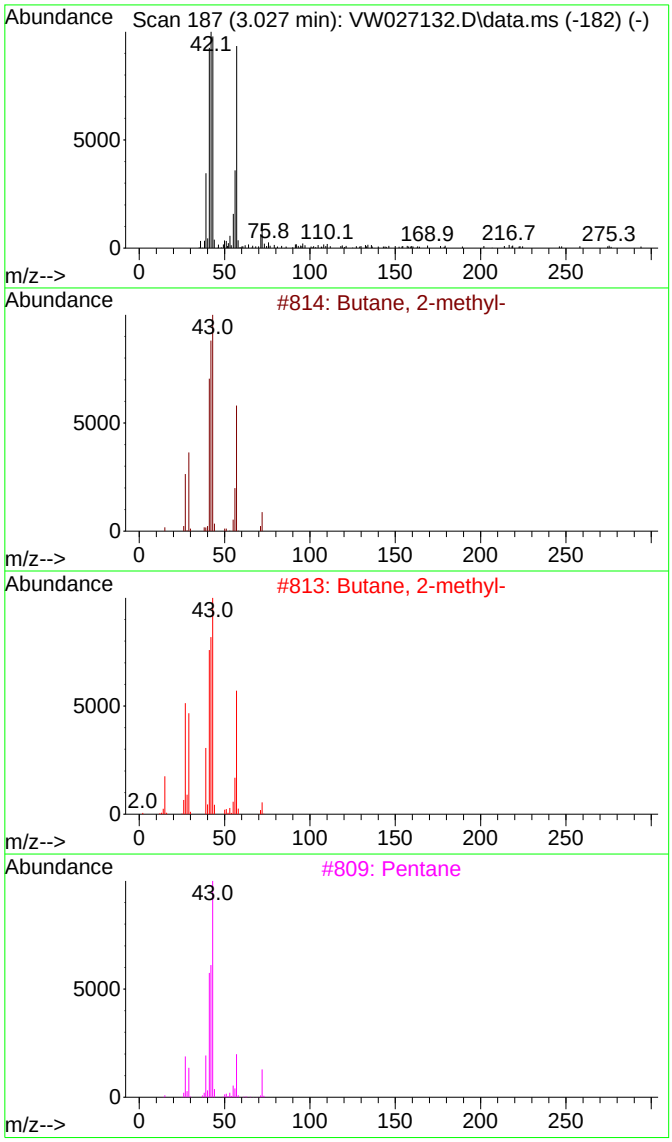
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

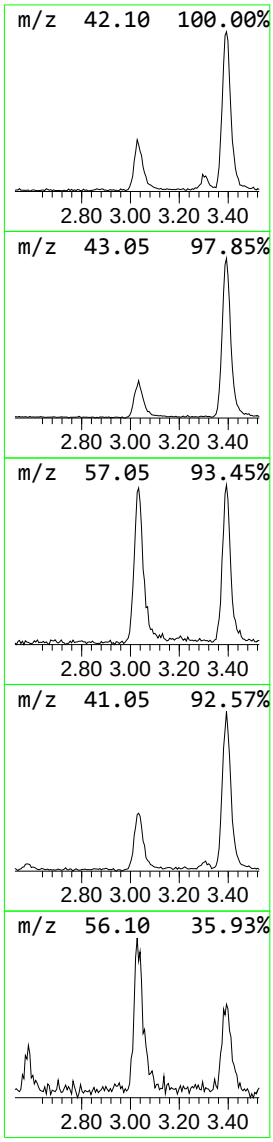
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.027	1.48 ug/L	113463	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	52
3	Pentane	72	C5H12	000109-66-0	28
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	28
5	Butane, 1-isocyano-	83	C5H9N	002769-64-4	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
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Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EZYW9

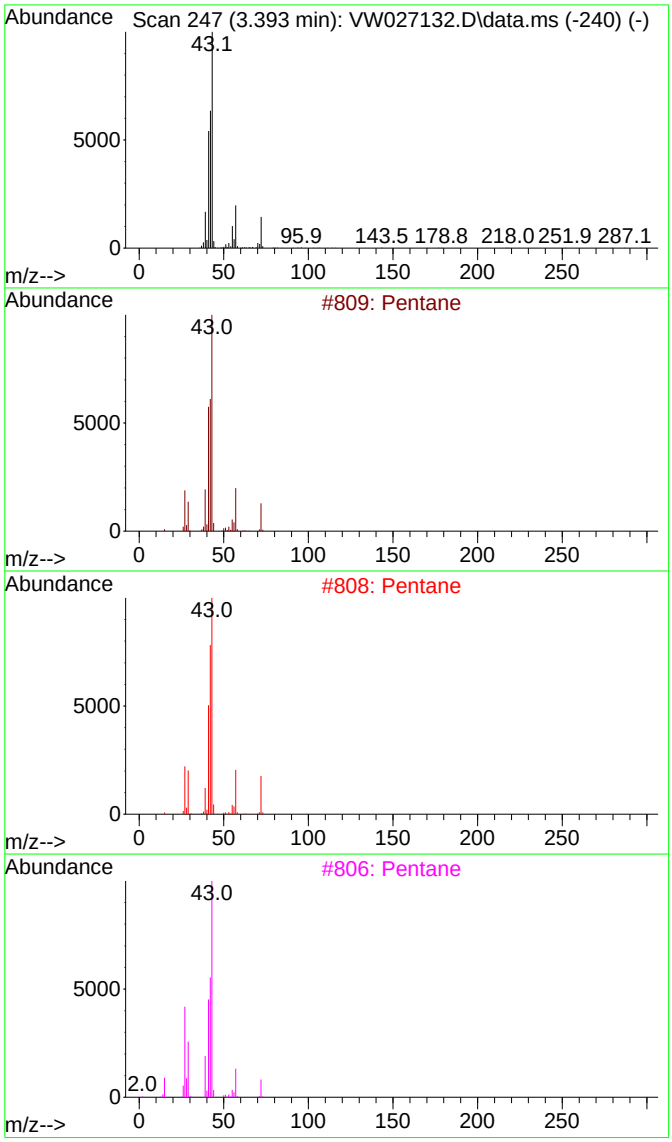
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

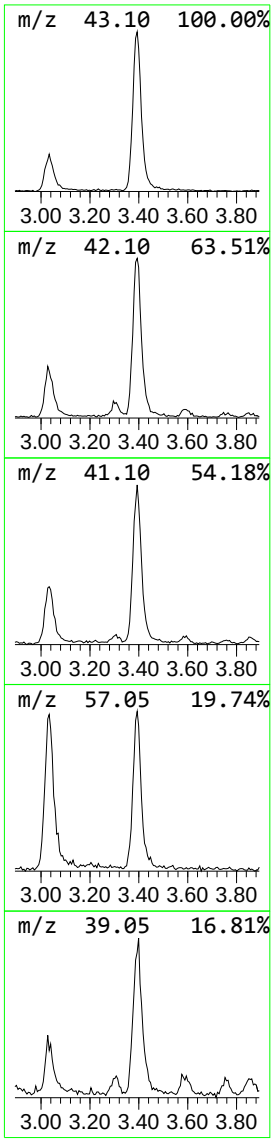
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	4.54 ug/L	348090	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	90
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	80





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Instrument :
MSVOA_W
ClientSampleId :
EZYW9

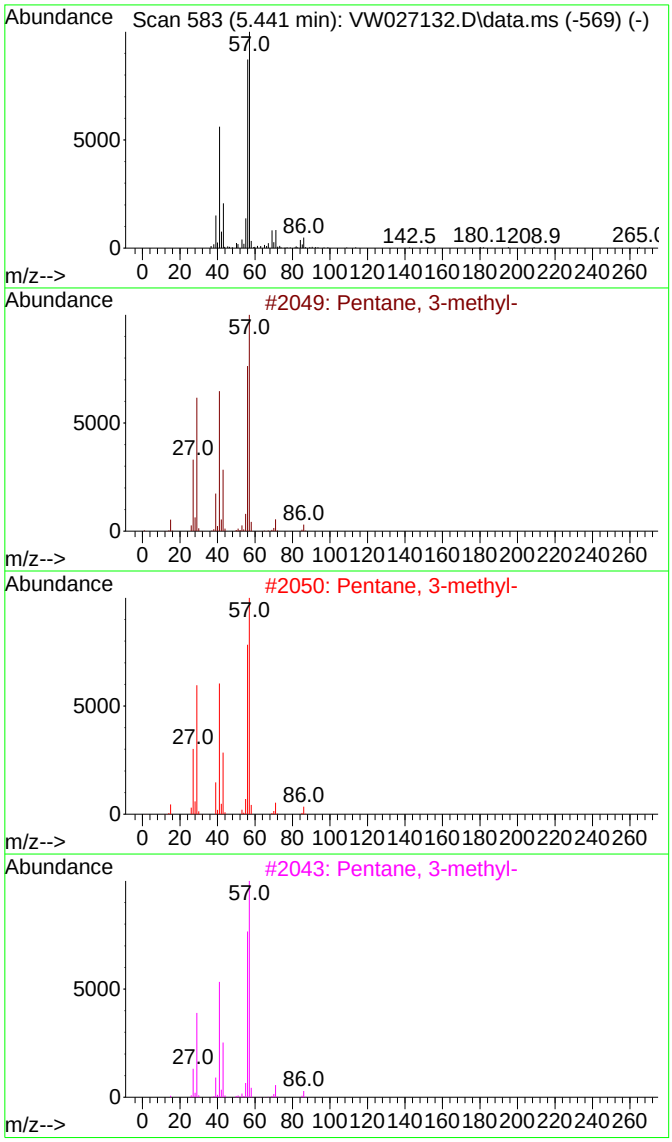
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

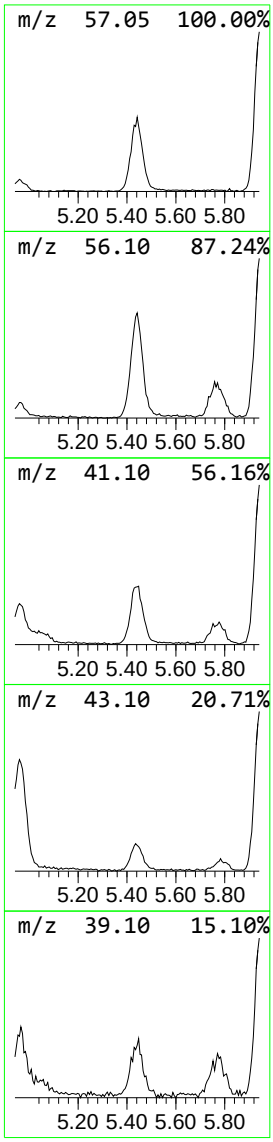
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.441	2.83 ug/L	216694	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	72
4	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	59
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	58





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

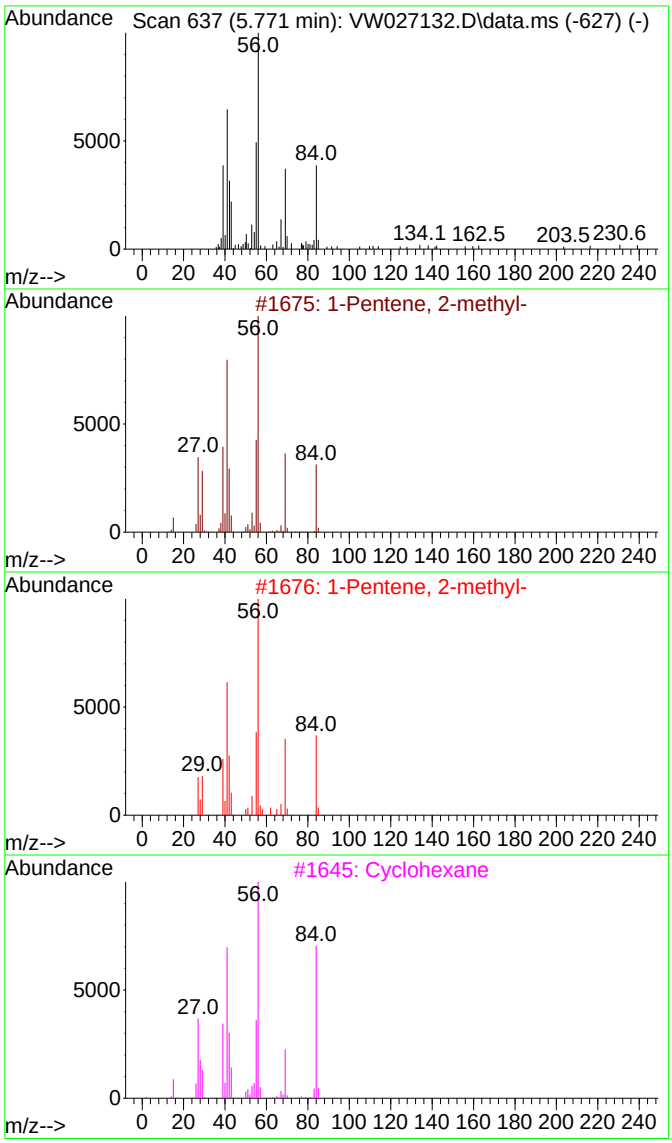
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

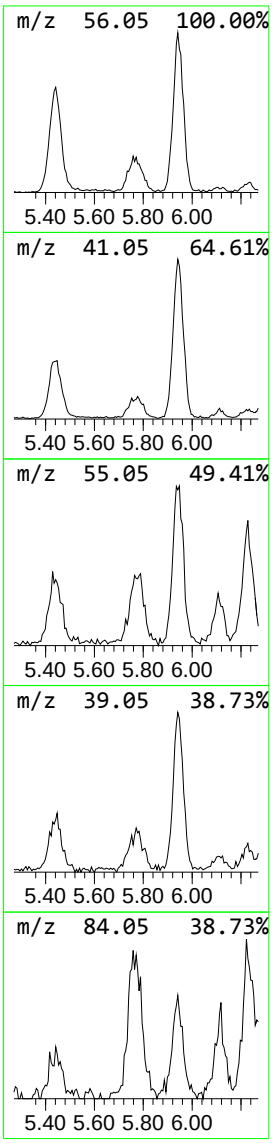
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.771	1.29 ug/L	98520	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	62
3	Cyclohexane	84	C6H12	000110-82-7	58
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
5	Cyclohexane	84	C6H12	000110-82-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
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Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

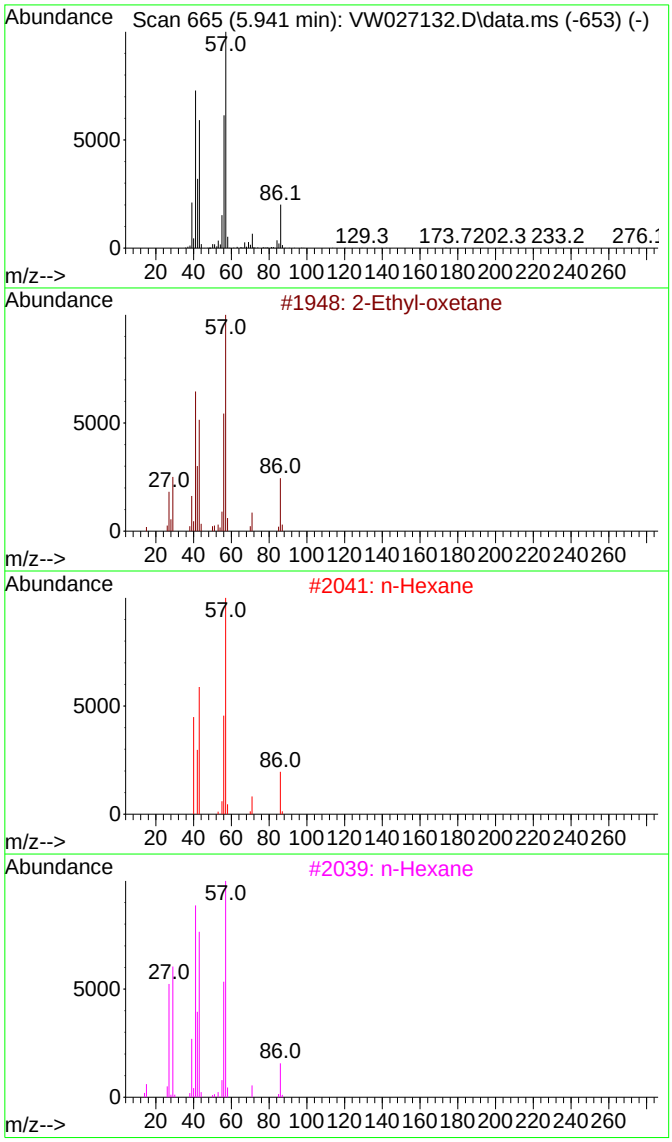
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

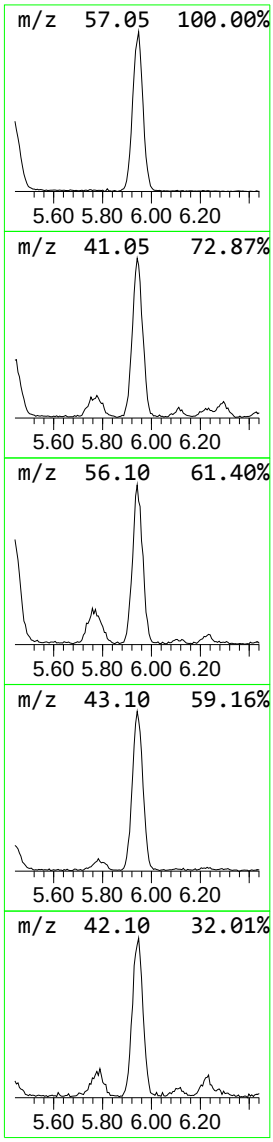
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Ethyl-oxetane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	6.36 ug/L	487570	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	90
2	n-Hexane	86	C6H14	000110-54-3	80
3	n-Hexane	86	C6H14	000110-54-3	64
4	Pentane, 3-methyl-	86	C6H14	000096-14-0	50
5	n-Hexane	86	C6H14	000110-54-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

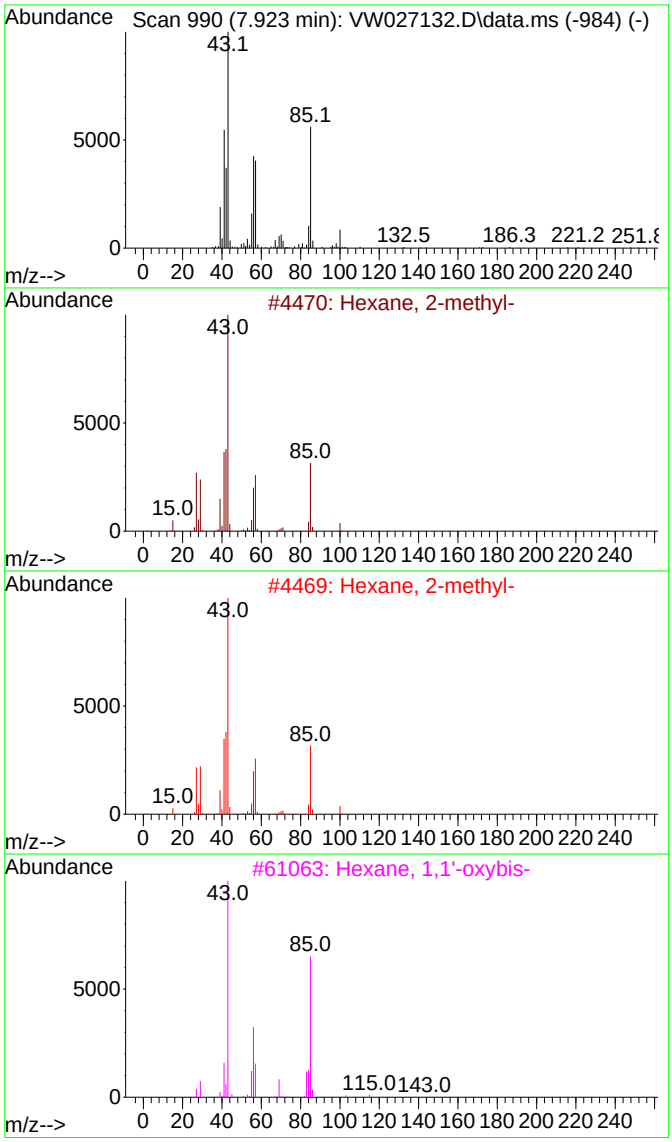
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

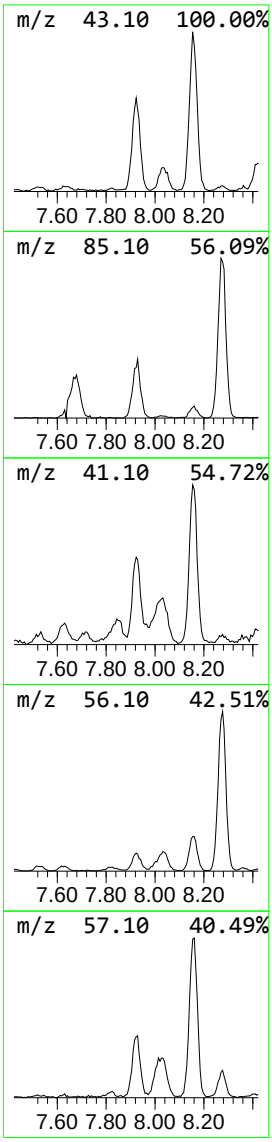
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.923	2.23 ug/L	171092	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
3	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	64
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	58
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

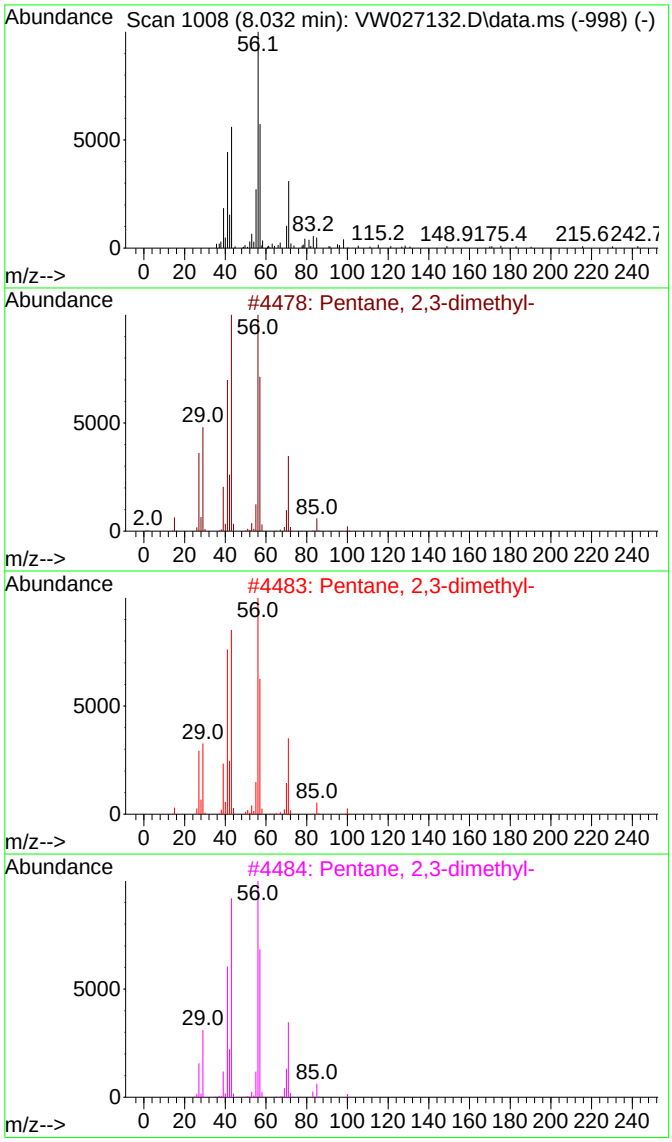
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

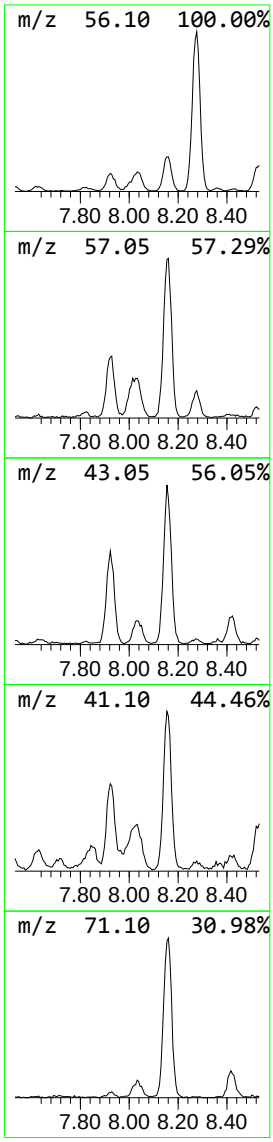
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.032	1.92 ug/L	147014	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
5	Ethane, isocyanato-	71	C3H5NO	000109-90-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

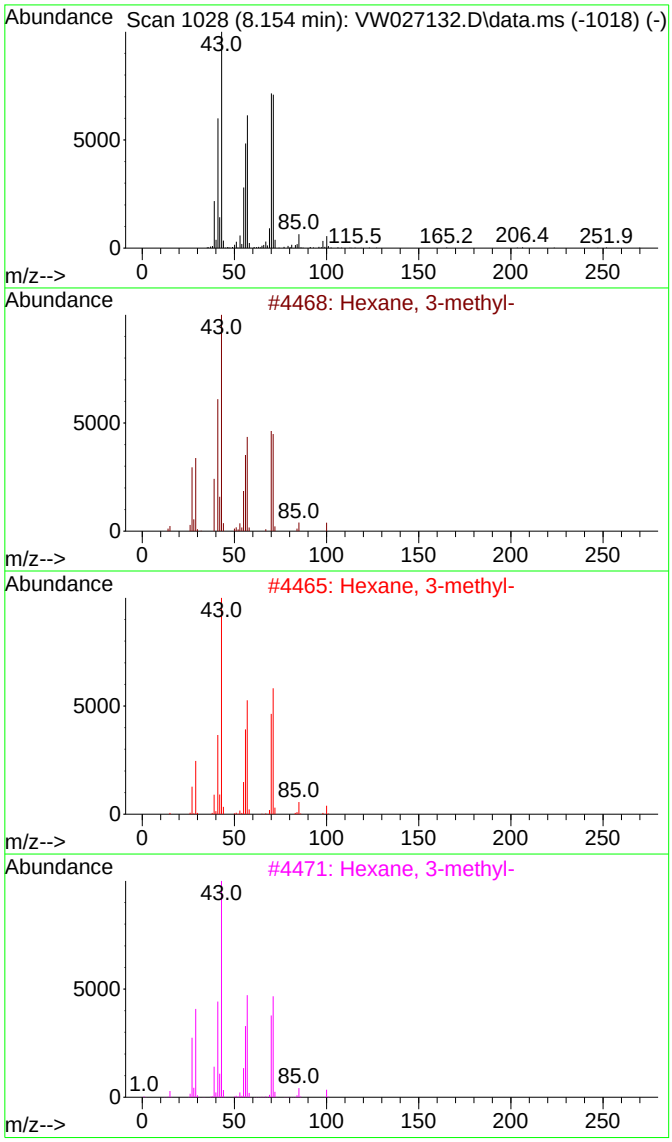
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

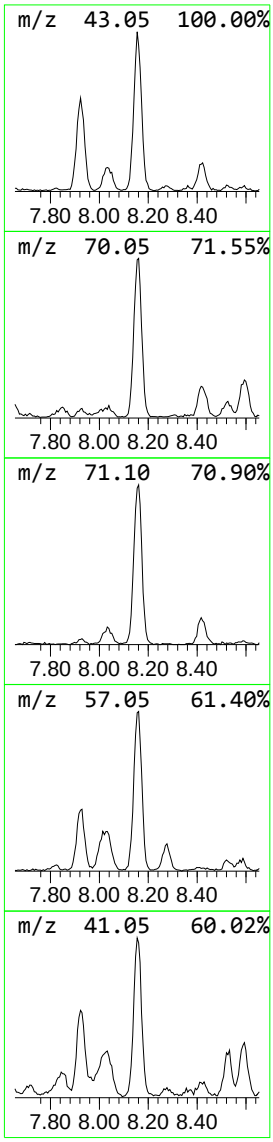
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.154	4.80 ug/L	367965	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	96
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	80
4	Heptane	100	C7H16	000142-82-5	53
5	Decane, 4-methyl-	156	C11H24	002847-72-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

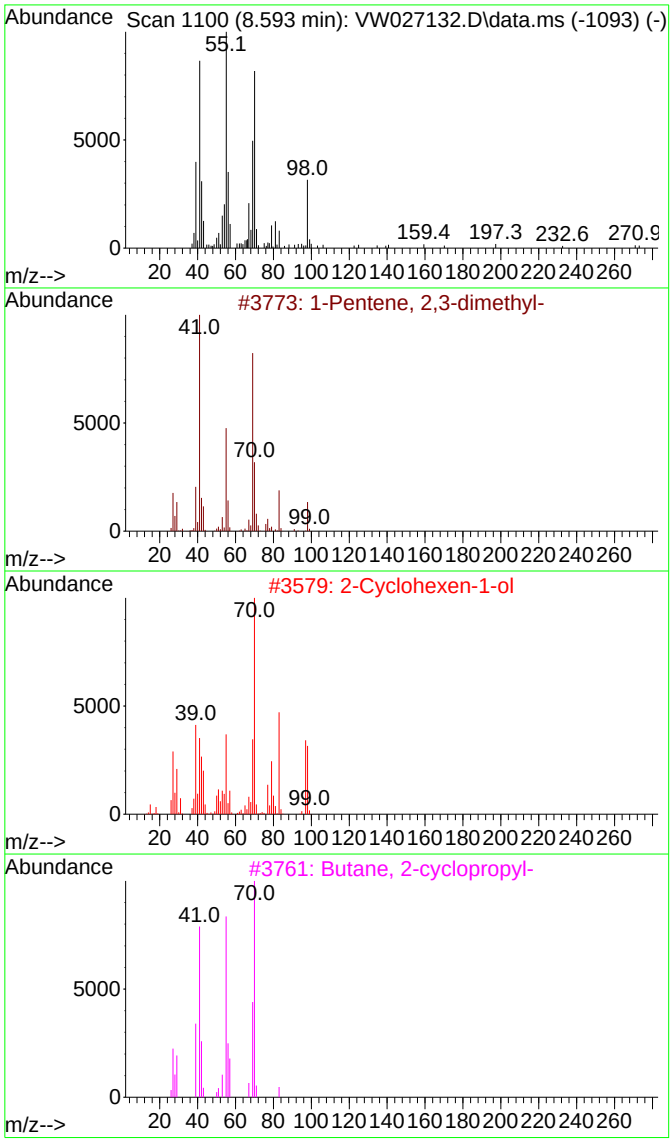
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

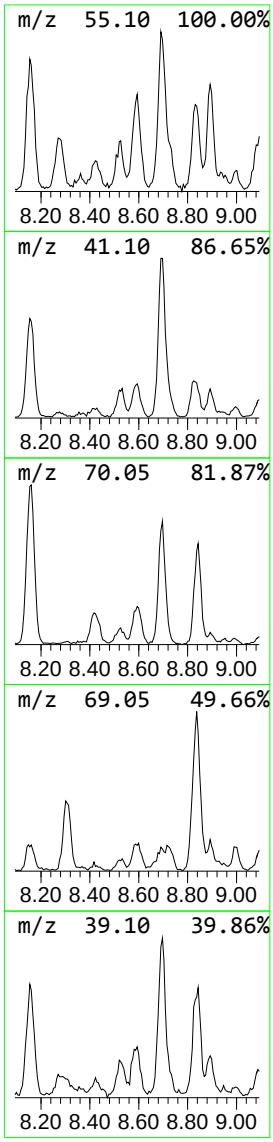
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.593	1.33 ug/L	101887	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	58
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	52
3	Butane, 2-cyclopropyl-	98	C7H14	005750-02-7	49
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	47
5	1-Heptene	98	C7H14	000592-76-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

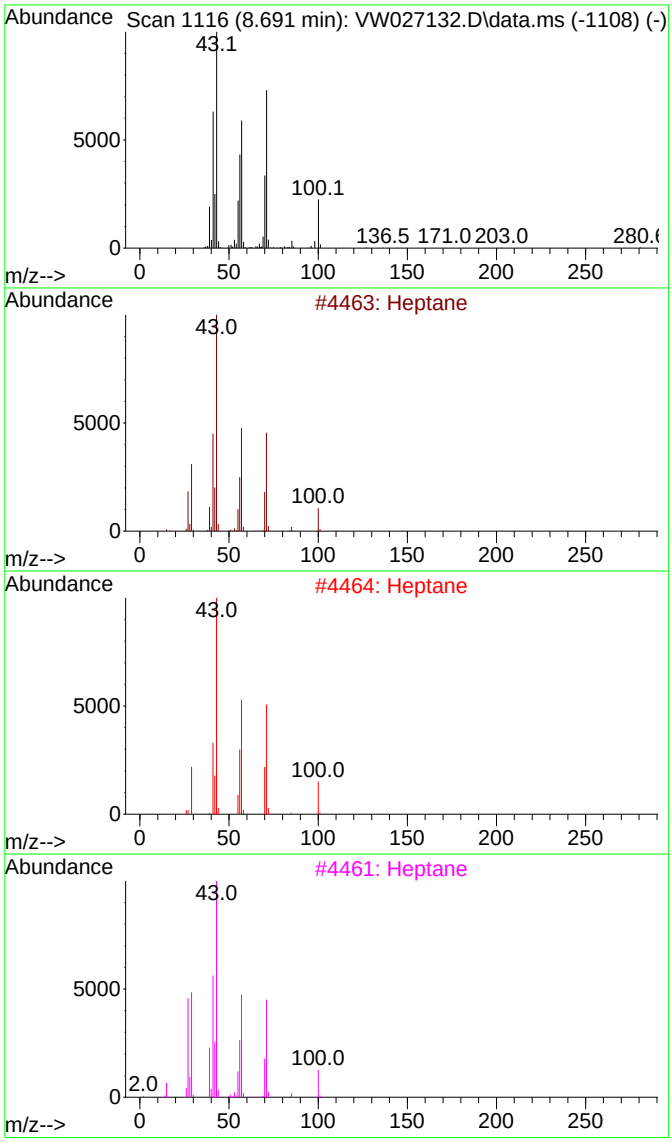
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

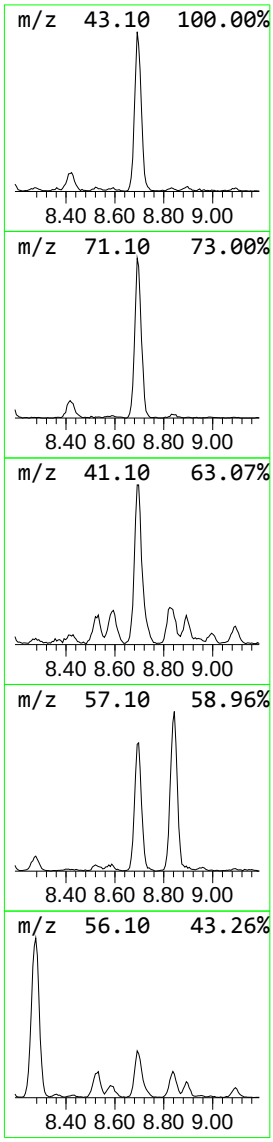
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.691	6.33 ug/L	484852	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	78
4	Heptane	100	C7H16	000142-82-5	64
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

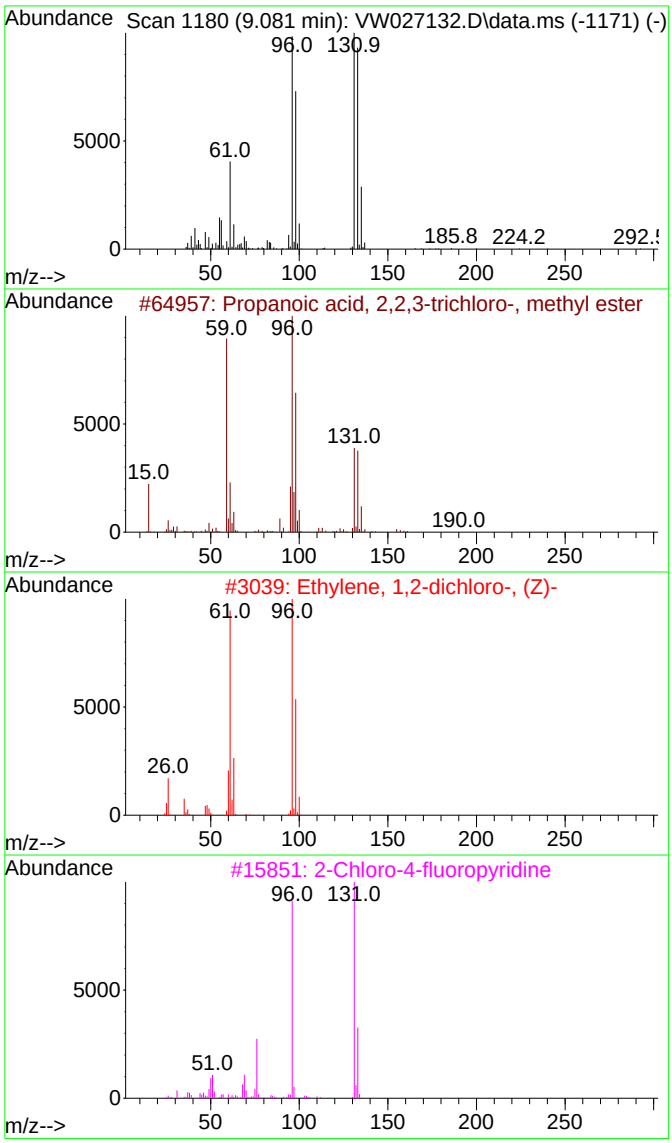
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

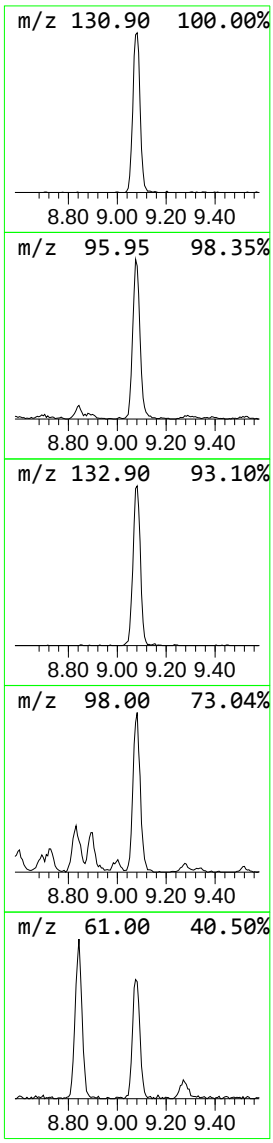
****

Peak Number 11 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.081	3.66 ug/L	280274	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	38
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
3	2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	32
4	4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	30
5	Clorethate	322	C5H4Cl6O3	005634-37-7	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

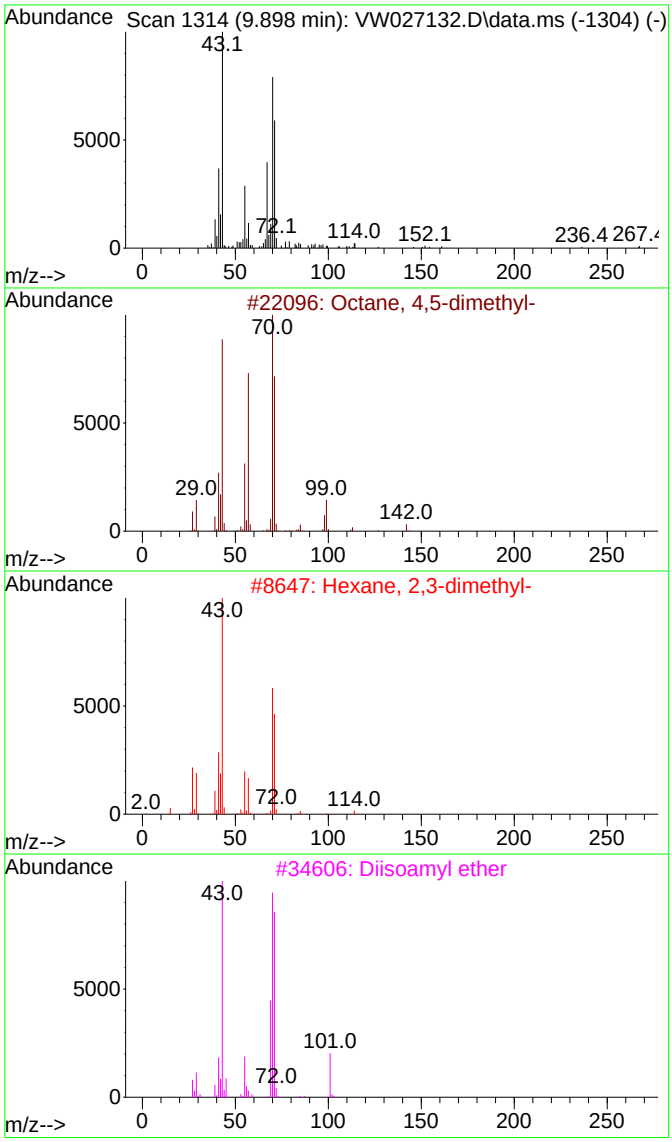
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

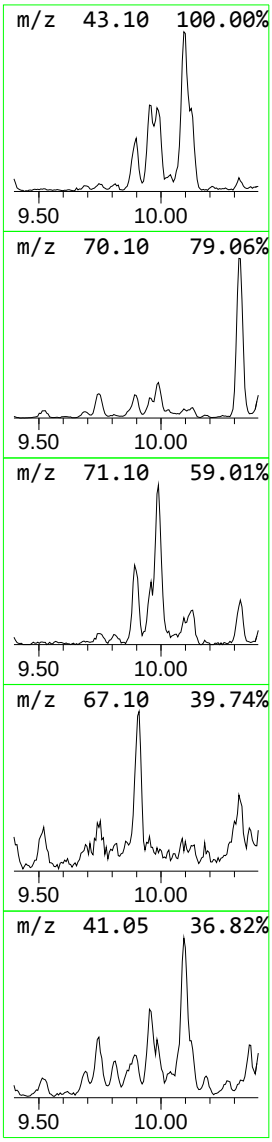
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.898	1.39 ug/L	106707	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	50
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
3	Diisoamyl ether	158	C10H22O	000544-01-4	47
4	1-Hexene, 4-ethyl-	112	C8H16	016746-85-3	42
5	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

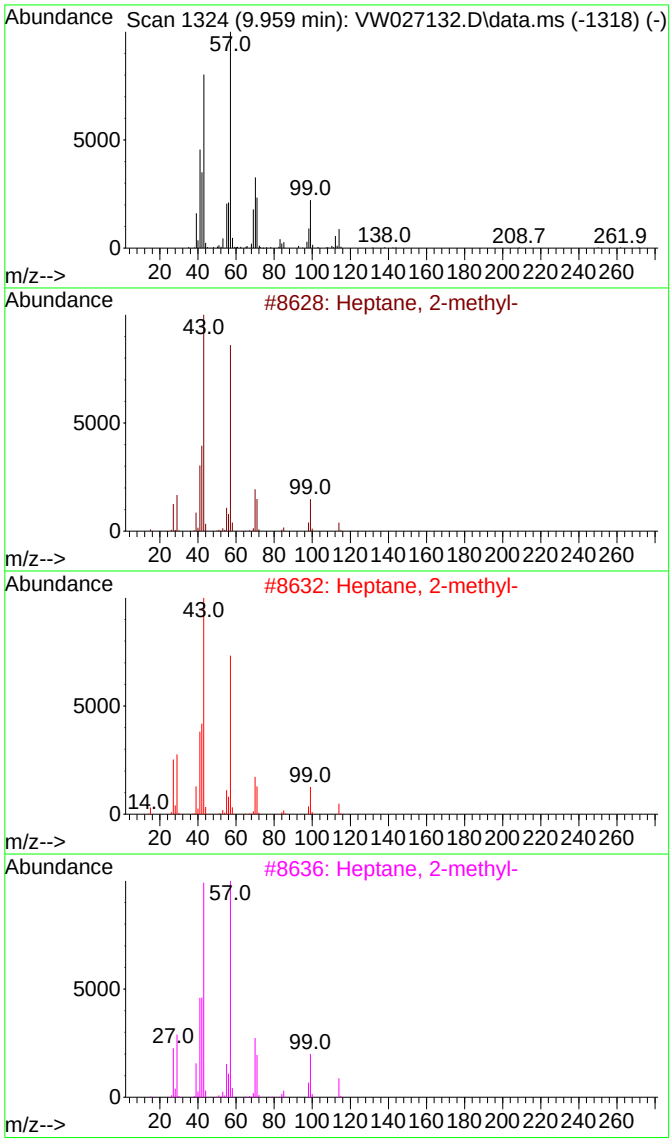
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

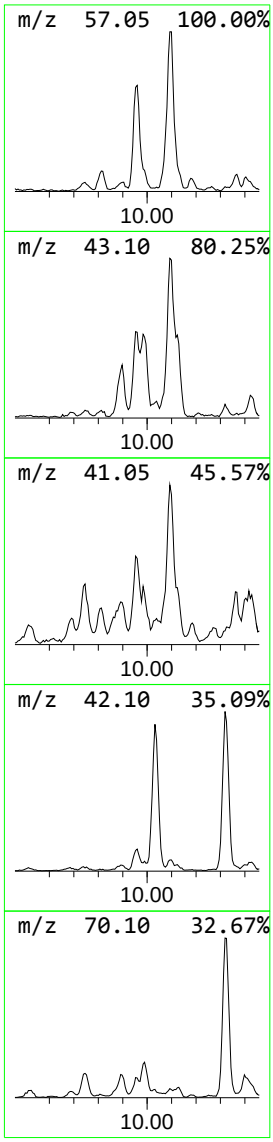
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.959	1.90 ug/L	145881	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	81
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	74
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	70
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	62
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

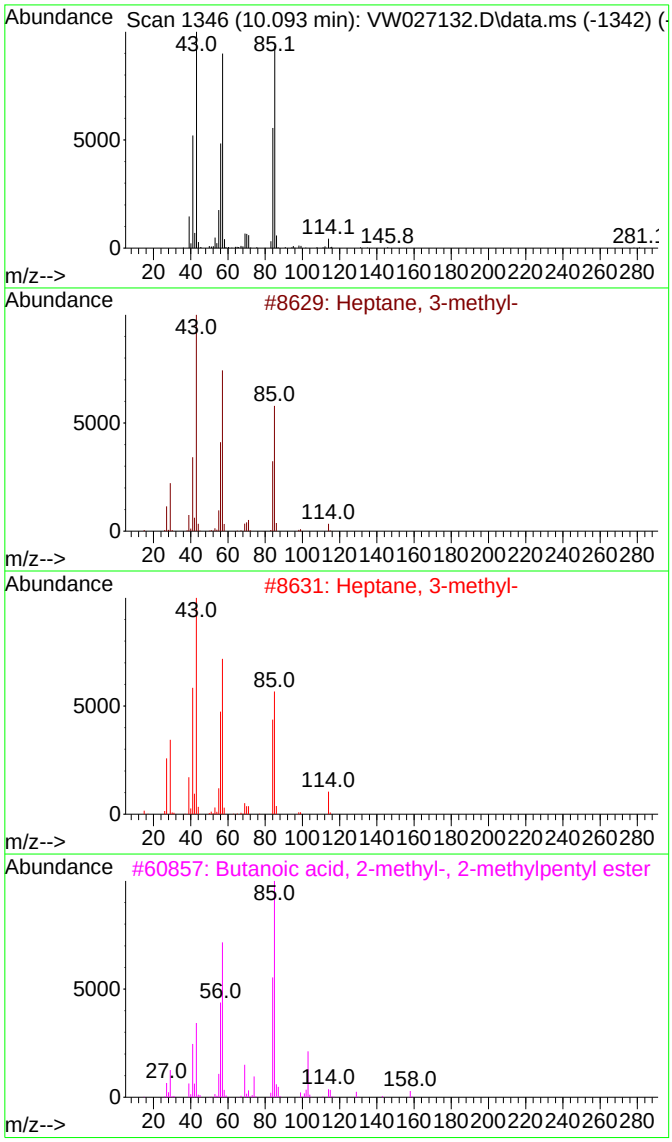
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

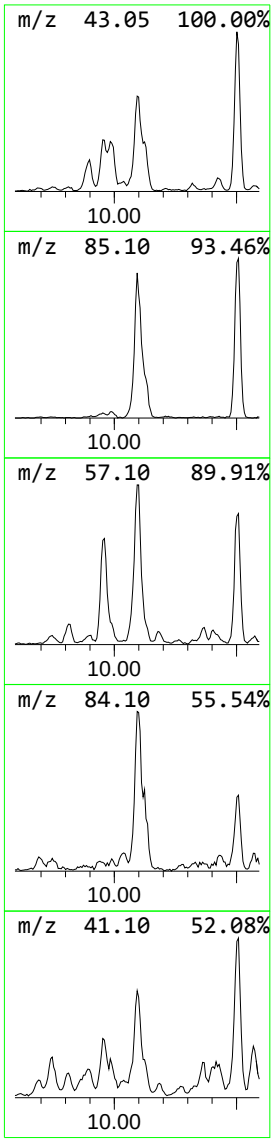
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	5.00 ug/L	383374	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
3	Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	72
4	Nonane, 5-methyl-	142	C10H22	015869-85-9	72
5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

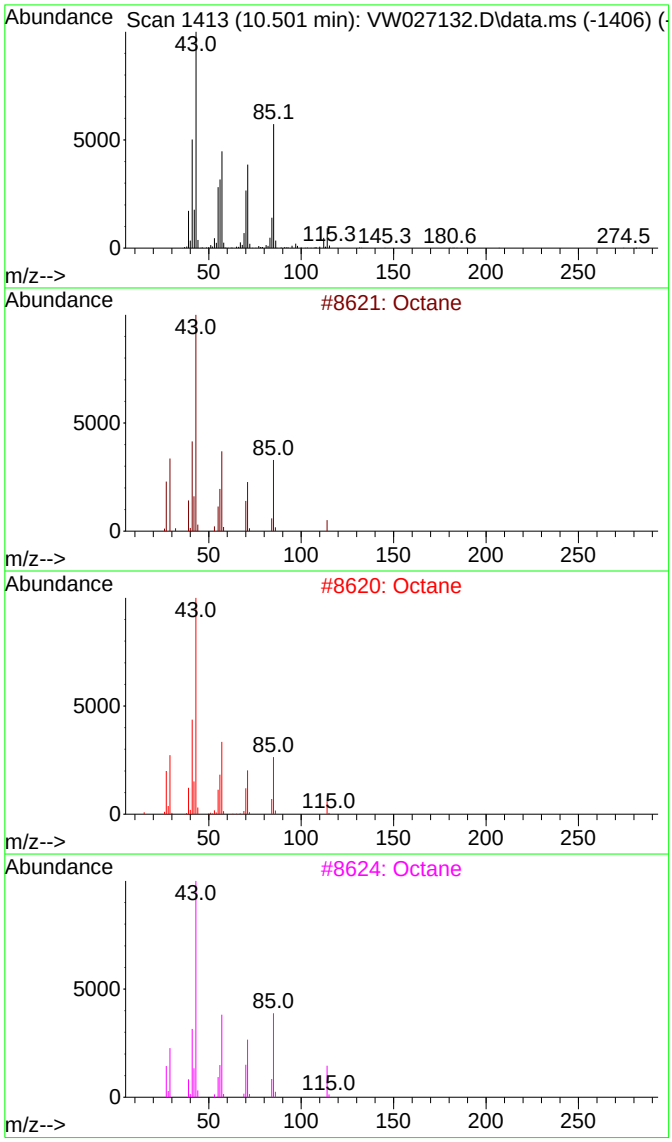
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

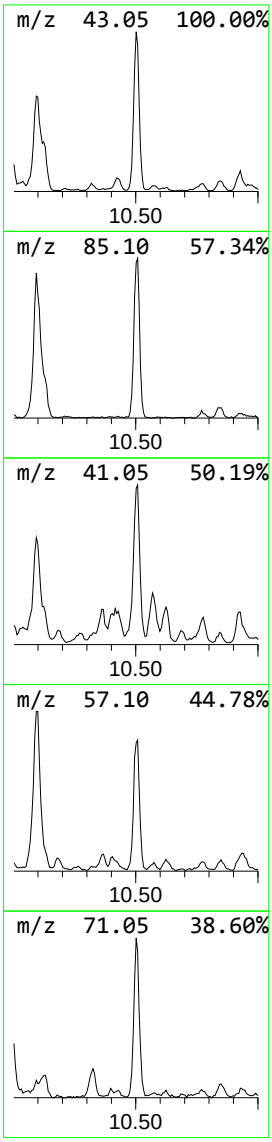
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	4.85 ug/L	422995	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Octane	114	C8H18	000111-65-9	91
3	Octane	114	C8H18	000111-65-9	87
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

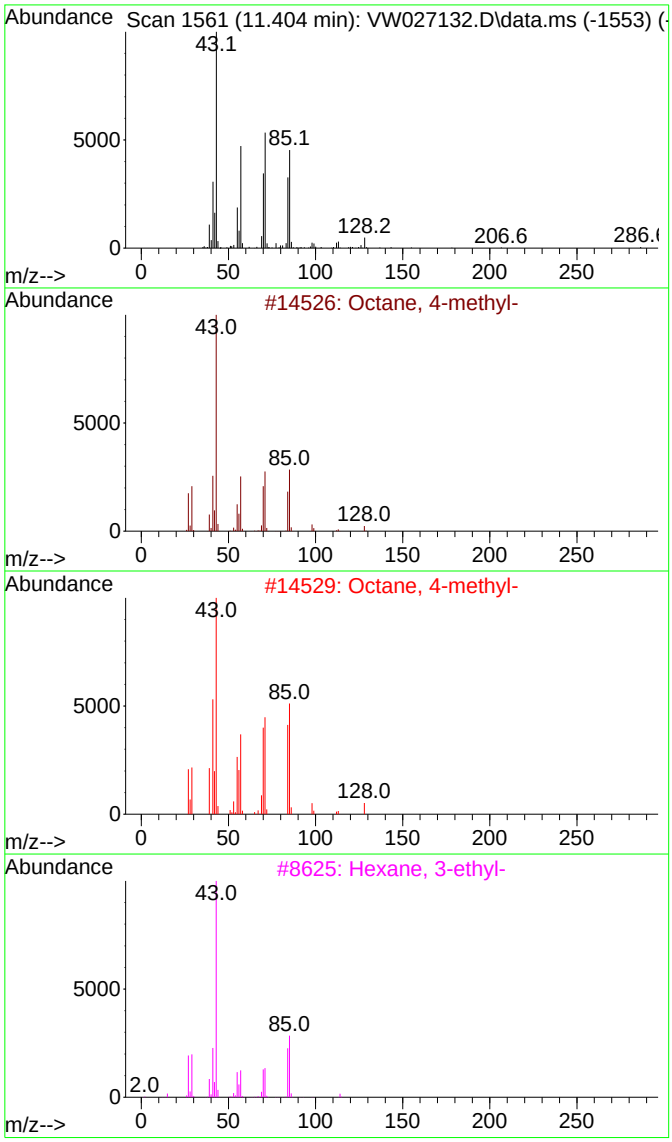
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

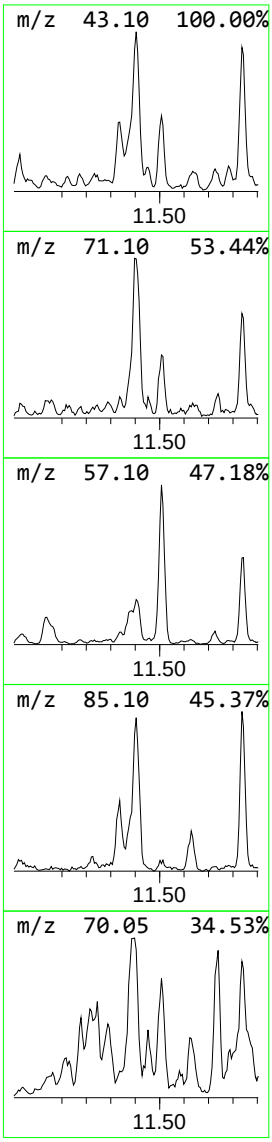
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.404	3.02 ug/L	263805	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	87
2	Octane, 4-methyl-	128	C9H20	002216-34-4	74
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Octane, 4-methyl-	128	C9H20	002216-34-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

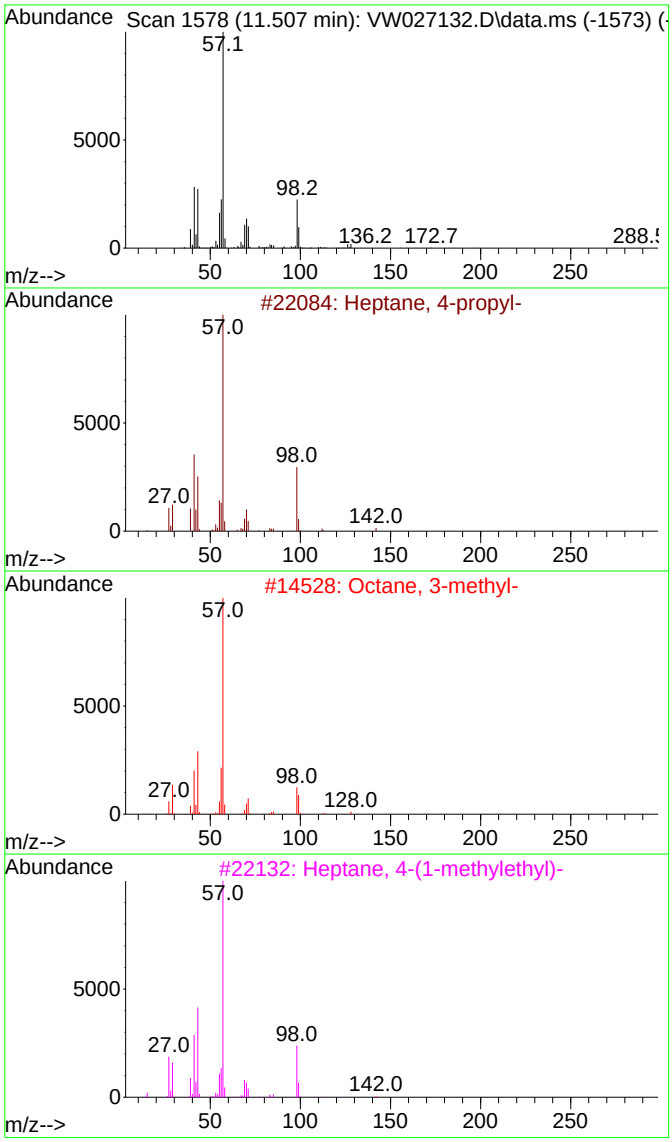
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

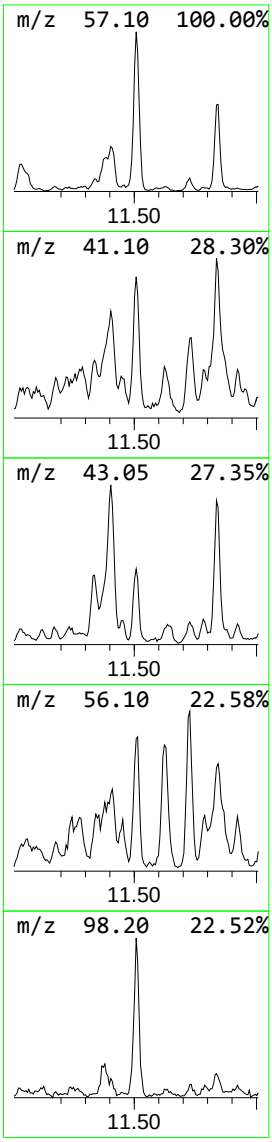
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.507	2.61 ug/L	227494	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-propyl-	142	C10H22	003178-29-8	64
2	Octane, 3-methyl-	128	C9H20	002216-33-3	64
3	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	58
5	Octane, 3-methyl-	128	C9H20	002216-33-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

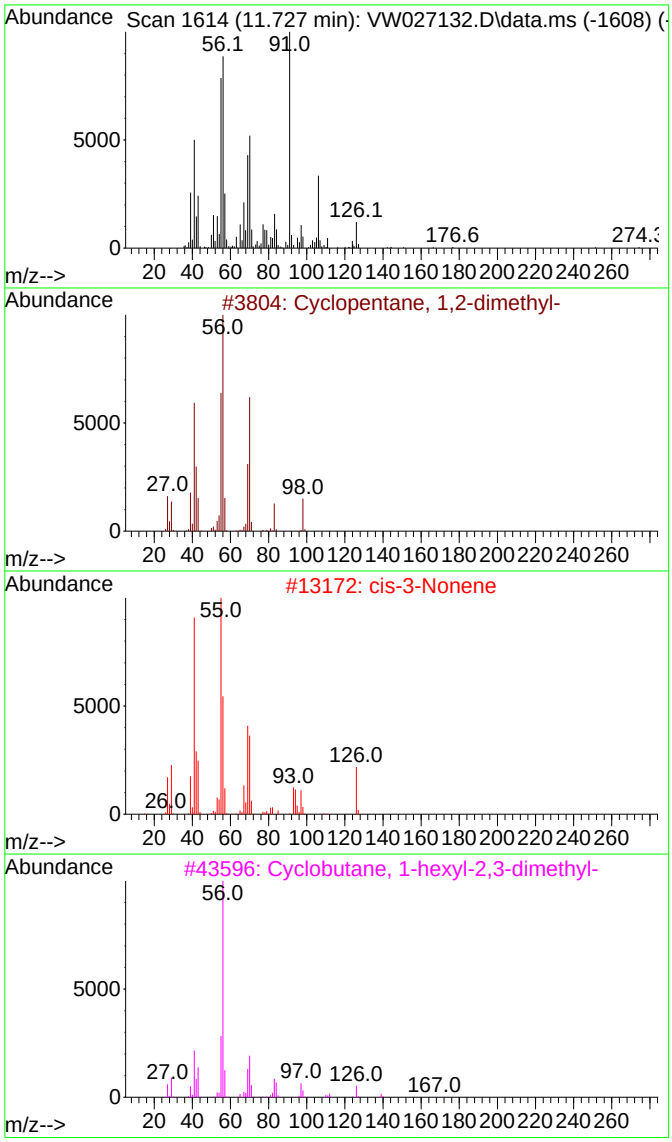
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

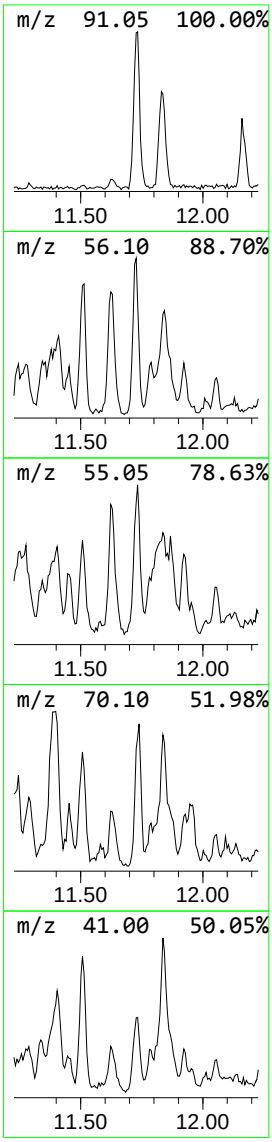
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic11.727 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.727	2.37 ug/L	206606	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	46
2	cis-3-Nonene	126	C9H18	020237-46-1	46
3	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	38
4	Cyclopropane, 1-butyl-2-(2-methy...	154	C11H22	041977-35-9	38
5	Aziridine, 1-propyl-	85	C5H11N	005536-98-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

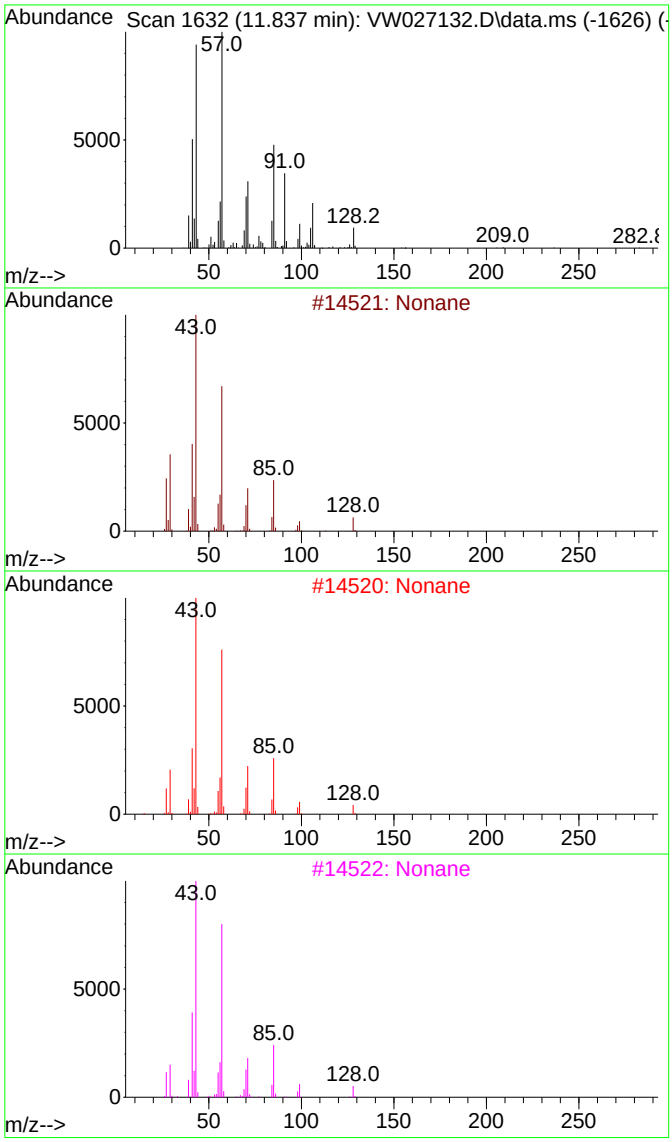
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

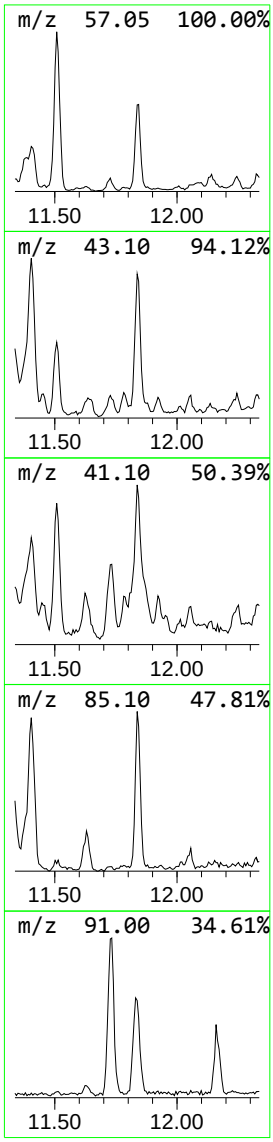
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.837	3.89 ug/L	339670	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Nonane	128	C9H20	000111-84-2	76
3	Nonane	128	C9H20	000111-84-2	76
4	Oxalic acid, hexyl tetradecyl ester	370	C22H42O4	1000309-24-8	47
5	Oxalic acid, dodecyl hexyl ester	342	C20H38O4	1000309-24-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

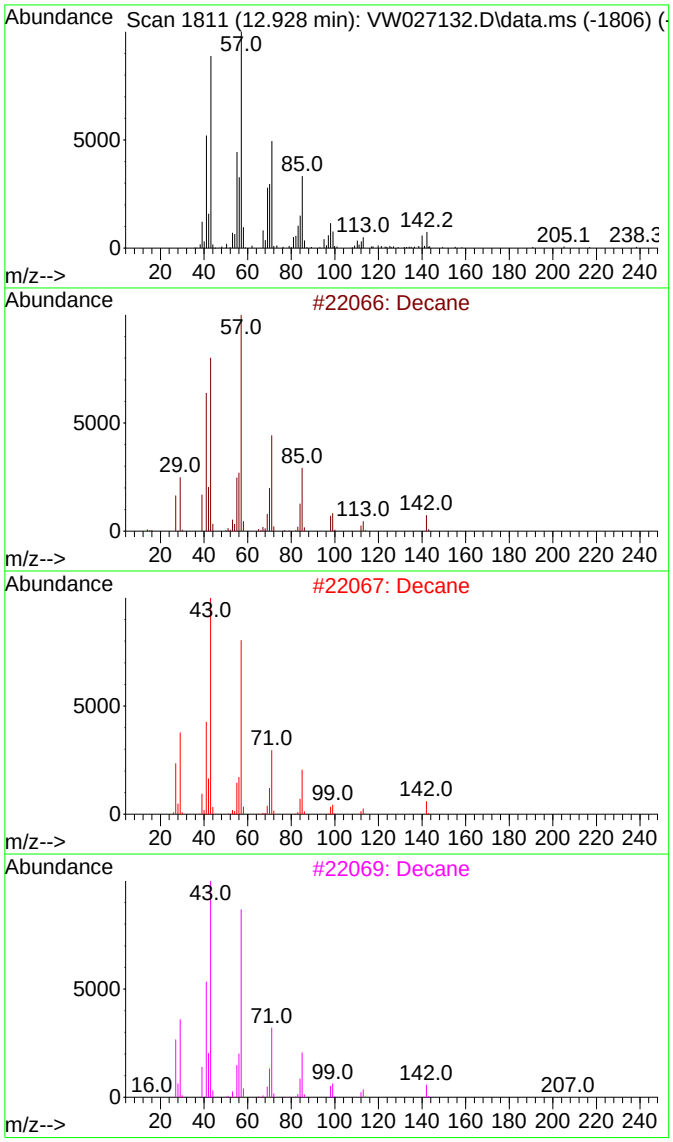
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

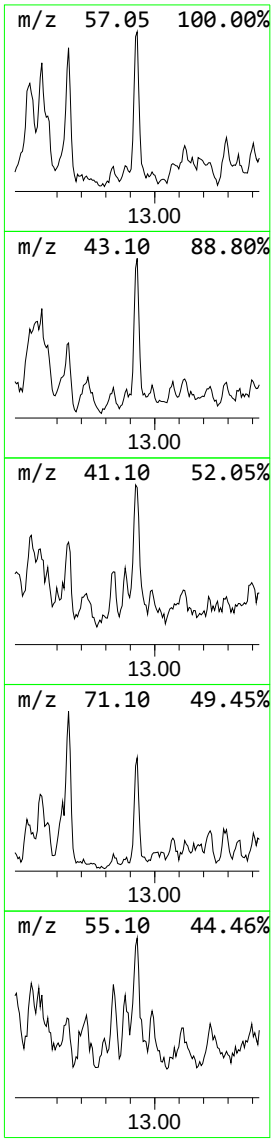
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	1.92 ug/L	154533	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Decane	142	C10H22	000124-18-5	90
3	Decane	142	C10H22	000124-18-5	81
4	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	72
5	Decane	142	C10H22	000124-18-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

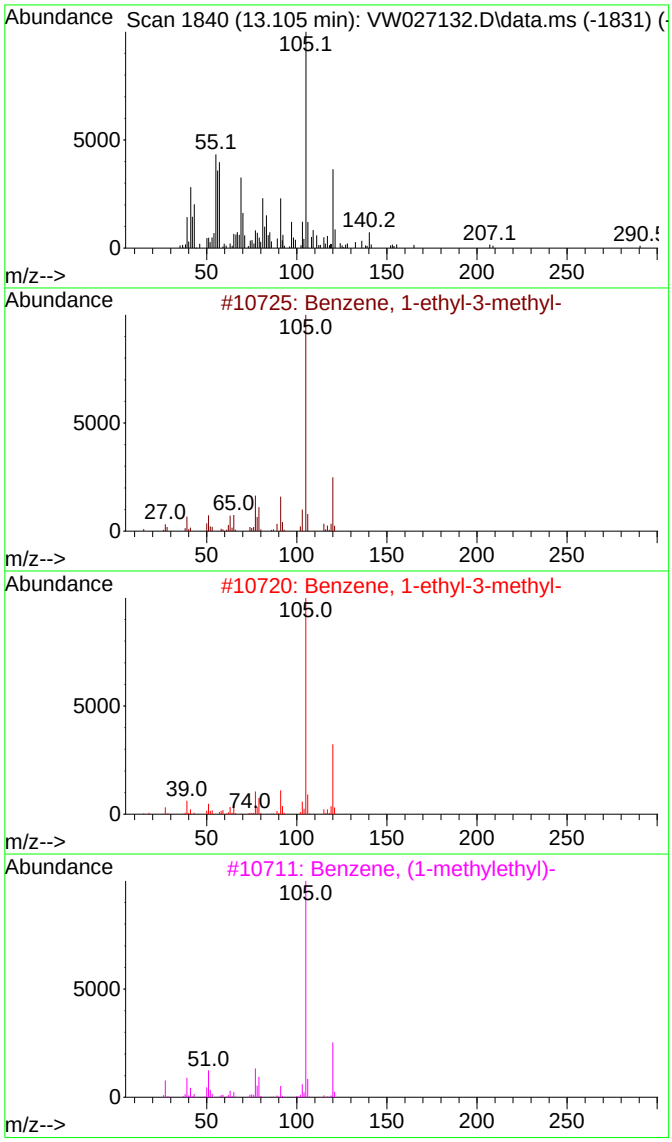
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

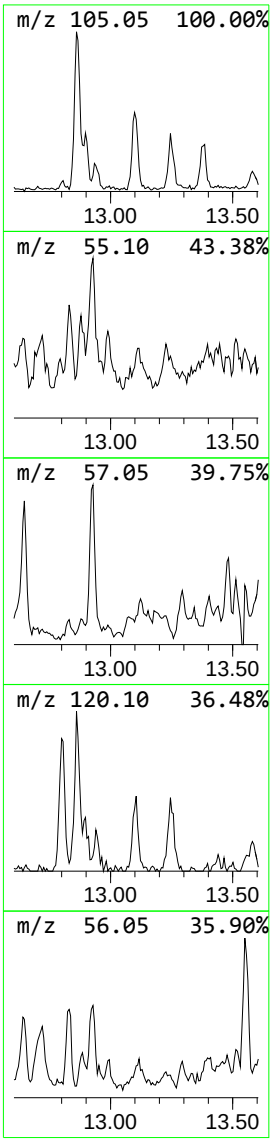
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1-ethyl-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.105	1.52 ug/L	122449	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	53
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	49
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	46
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	46
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027132.D
Acq On : 18 Sep 2023 17:15
Operator : SY/MD
Sample : 04472-07
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.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...	3.027	1.5	ug/L	113463	1	8.843	1915340	25.0
(DEL) Alkane: S...	3.393	4.5	ug/L	348090	1	8.843	1915340	25.0
(DEL) Alkane: S...	5.441	2.8	ug/L	216694	1	8.843	1915340	25.0
(DEL) Alkane: S...	5.771	1.3	ug/L	98520	1	8.843	1915340	25.0
2-Ethyl-oxetane	5.941	6.4	ug/L	487570	1	8.843	1915340	25.0
(DEL) Alkane: S...	7.923	2.2	ug/L	171092	1	8.843	1915340	25.0
(DEL) Alkane: S...	8.032	1.9	ug/L	147014	1	8.843	1915340	25.0
(DEL) Alkane: S...	8.154	4.8	ug/L	367965	1	8.843	1915340	25.0
(DEL) Alkane: S...	8.593	1.3	ug/L	101887	1	8.843	1915340	25.0
(DEL) Alkane: S...	8.691	6.3	ug/L	484852	1	8.843	1915340	25.0
unknown-01	9.081	3.7	ug/L	280274	1	8.843	1915340	25.0
(DEL) Alkane: S...	9.898	1.4	ug/L	106707	1	8.843	1915340	25.0
(DEL) Alkane: S...	9.959	1.9	ug/L	145881	1	8.843	1915340	25.0
(DEL) Alkane: S...	10.093	5.0	ug/L	383374	1	8.843	1915340	25.0
(DEL) Alkane: S...	10.502	4.8	ug/L	422995	2	11.629	2180750	25.0
(DEL) Alkane: S...	11.404	3.0	ug/L	263805	2	11.629	2180750	25.0
(DEL) Alkane: S...	11.507	2.6	ug/L	227494	2	11.629	2180750	25.0
(DEL) Alkane: C...	11.727	2.4	ug/L	206606	2	11.629	2180750	25.0
(DEL) Alkane: S...	11.837	3.9	ug/L	339670	2	11.629	2180750	25.0
(DEL) Alkane: S...	12.928	1.9	ug/L	154533	3	13.556	2015700	25.0
Benzene, 1-ethy...	13.105	1.5	ug/L	122449	3	13.556	2015700	25.0