LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

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\SFAMWLM090523SMA.M
Title : SFAM01.0

Signal : TIC: VW027085.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.954	7	11	17	rVV	23095	35005	1.28%	0.125%
2	2.362	68	78	89	rBV2	99317	292086	10.69%	1.040%
3	2.893	158	165	180	rBV	93665	255901	9.36%	0.911%
4	3.027	183	187	191	rVB3	10883	19185	0.70%	0.068%
5	3.393	238	247	258	rBV2	41124	115165	4.21%	0.410%
6	4.021	339	350	364	rBV	176795	637972	23.34%	2.272%
7	4.386	401	410	411	rBV2	40649	80411	2.94%	0.286%
8	4.508	423	430	438	rVB2	13891	33223	1.22%	0.118%
9	4.941	484	501	518	rBV5	38384	221330	8.10%	0.788%
10	5.441	570	583	591	rBV2	25529	90051	3.29%	0.321%
11	5.941	651	665	677	rBV2	84785	255205	9.34%	0.909%
12	6.106	685	692	700	rBV2	5674	14748	0.54%	0.053%
13	6.221	703	711	718	rBV5	9968	30740	1.12%	0.109%
14	7.075	843	851	859	rBV	72792	222775	8.15%	0.793%
15	7.532	918	926	932	rBV9	5439	15502	0.57%	0.055%
16	7.666	934	948	962	rBV4	322464	1149100	42.05%	4.093%
17	7.849	972	978	983	rBV3	8935	19403	0.71%	0.069%
18	7.922	983	990	1000	rBV2	59627	147360	5.39%	0.525%
19	8.038	1000	1009	1018	rVB2	28312	84363	3.09%	0.300%
20	8.160	1021	1029	1038	rBV	132702	299196	10.95%	1.066%
21	8.276	1038	1048	1065	rBV2	814752	2514017	91.99%	8.954%
22	8.416	1065	1071	1078	rVB2	16848	39955	1.46%	0.142%
23	8.526	1082	1089	1094	rBV3	23821	55923	2.05%	0.199%
24	8.593	1094	1100	1107	rVB7	19247	50269	1.84%	0.179%
25	8.697	1108	1117	1128	rVB	188324	414417	15.16%	1.476%
26	8.843	1132	1141	1148	rBV	1148345	2285192	83.62%	8.139%
27	8.995	1162	1166	1171	rVB2	11881	21412	0.78%	0.076%
28	9.081	1171	1180	1190	rBV	653400	1341551	49.09%	4.778%
29	9.276	1204	1212	1225	rVV	587976	1235640	45.21%	4.401%
30	9.385	1225	1230	1241	rVB3	28865	60456	2.21%	0.215%
31	9.514	1241	1251	1258	rBV5	21781	52863	1.93%	0.188%
32	9.690	1272	1280	1284	rVV4	33362	76255	2.79%	0.272%
33	9.745	1284	1289	1294	rVV2	59094	127707	4.67%	0.455%
34	9.812	1294	1300	1304	rVV5	35066	91096	3.33%	0.324%
35	9.855	1304	1307	1309	rVV3	27086	45275	1.66%	0.161%
36	9.898	1310	1314	1318	rVV2	55474	108546	3.97%	0.387%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

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\SFAMWLM090523SMA.M
Title : SFAM01.0

37	9.952	1318	1323	1326	rVV3	107482	206037	7.54%	0.734%
38	9.989	1326	1329	1332	rVV	87895	152535	5.58%	0.543%
39	10.032	1332	1336	1341	rVV	293049	547041	20.02%	1.948%
40	10.093	1341	1346	1357	rVV	181698	499029	18.26%	1.777%
41	10.184	1357	1361	1370	rVB2	20649	36082	1.32%	0.129%
42	10.324	1377	1384	1390	rBV	1095893	1959125	71.68%	6.978%
43	10.398	1393	1396	1405	rVB4	53979	129664	4.74%	0.462%
44	10.507	1405	1414	1420	rVB	249264	453490	16.59%	1.615%
45	10.574	1420	1425	1430	rBV	210492	377696	13.82%	1.345%
46	10.623	1430	1433	1439	rVB2	69476	106523	3.90%	0.379%
47	10.690	1439	1444	1450	rBV3	23676	51962	1.90%	0.185%
48	10.775	1454	1458	1463	rVB3	33869	58554	2.14%	0.209%
49	10.843	1463	1469	1476	rBV4	27078	51102	1.87%	0.182%
50	10.922	1476	1482	1490	rBV2	214633	419508	15.35%	1.494%
51	11.038	1496	1501	1502	rBV3	25556	36162	1.32%	0.129%
52	11.062	1502	1505	1509	rVB4	27942	41453	1.52%	0.148%
53	11.111	1510	1513	1514	rBV3	12785	15208	0.56%	0.054%
54	11.178	1520	1524	1527	rBV3	35153	53170	1.95%	0.189%
55	11.221	1527	1531	1532	rBV3	20710	25044	0.92%	0.089%
56	11.288	1537	1542	1547	rVV5	65984	168778	6.18%	0.601%
57	11.336	1547	1550	1553	rVV2	35781	58597	2.14%	0.209%
58	11.403	1553	1561	1566	rVV4	140984	373680	13.67%	1.331%
59	11.452	1566	1569	1573	rVB	30427	43399	1.59%	0.155%
60	11.507	1573	1578	1586	rVB	155190	263245	9.63%	0.938%
61	11.629	1591	1598	1607	rVB	1667907	2732985	100.00%	9.734%
62	11.727	1608	1614	1620	rBV3	144513	273851	10.02%	0.975%
63	11.836	1620	1632	1643	rBV4	153670	386772	14.15%	1.378%
64	11.928	1643	1647	1649	rBV2	37008	52448	1.92%	0.187%
65	12.019	1657	1662	1665	rBV7	18512	41063	1.50%	0.146%
66	12.050	1665	1667	1676	rVB6	25418	52576	1.92%	0.187%
67	12.135	1678	1681	1683	rBV3	18039	20231	0.74%	0.072%
68	12.245	1693	1699	1704	rBV8	39785	106316	3.89%	0.379%
69	12.294	1704	1707	1709	rVV4	12400	17817	0.65%	0.063%
70	12.330	1709	1713	1716	rVV2	30580	41039	1.50%	0.146%
71	12.373	1716	1720	1725	rVB4	42178	69430	2.54%	0.247%
72	12.434	1727	1730	1735	rBV4	18966	33409	1.22%	0.119%
73	12.507	1735	1742	1744	rBV7	43298	95612	3.50%	0.341%
74	12.611	1754	1759	1762	rBV3	26217	49574	1.81%	0.177%
75	12.647	1762	1765	1768	rVB	46264	61975	2.27%	0.221%
76	12.690	1768	1772	1785	rVB2	90700	229404	8.39%	0.817%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

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\SFAMWLM090523SMA.M
Title : SFAM01.0

77	12.800	1785	1790	1792	rBV2	40597	64035	2.34%	0.228%
78	12.830	1792	1795	1798	rVV2	36094	53482	1.96%	0.190%
79	12.879	1798	1803	1807	rVV2	28805	71516	2.62%	0.255%
80	12.928	1807	1811	1816	rVB2	76710	122296	4.47%	0.436%
81	12.989	1818	1821	1827	rBV6	17564	26280	0.96%	0.094%
82	13.110	1832	1841	1850	rVB6	33756	109862	4.02%	0.391%
83	13.251	1857	1864	1867	rBV7	24519	49071	1.80%	0.175%
84	13.440	1892	1895	1899	rVB4	16509	22026	0.81%	0.078%
85	13.482	1900	1902	1904	rVV2	17274	16389	0.60%	0.058%
86	13.555	1908	1914	1922	rVB	1537162	2393223	87.57%	8.524%
87	13.751	1942	1946	1949	rVV2	36047	53399	1.95%	0.190%
88	13.848	1955	1962	1972	rVB	1019574	1706419	62.44%	6.078%
89	14.068	1994	1998	2008	rVB3	34347	80709	2.95%	0.287%
90	14.202	2015	2020	2025	rVB6	27777	50122	1.83%	0.179%
91	14.324	2037	2040	2044	rVV4	13138	20548	0.75%	0.073%
92	14.385	2046	2050	2053	rVV5	11844	19683	0.72%	0.070%
93	14.415	2053	2055	2061	rVB6	12034	16505	0.60%	0.059%
94	14.494	2064	2068	2072	rVB2	28061	41156	1.51%	0.147%
95	14.635	2089	2091	2095	rVB4	15771	18416	0.67%	0.066%
96	14.714	2095	2104	2109	rVB9	21511	68244	2.50%	0.243%
97	14.805	2111	2119	2125	rBV6	26804	66760	2.44%	0.238%
98	15.360	2206	2210	2214	rVB3	10793	17169	0.63%	0.061%
99	15.427	2218	2221	2224	rVV3	11115	16995	0.62%	0.061%
100	15.476	2225	2229	2239	rVB	18512	41969	1.54%	0.149%

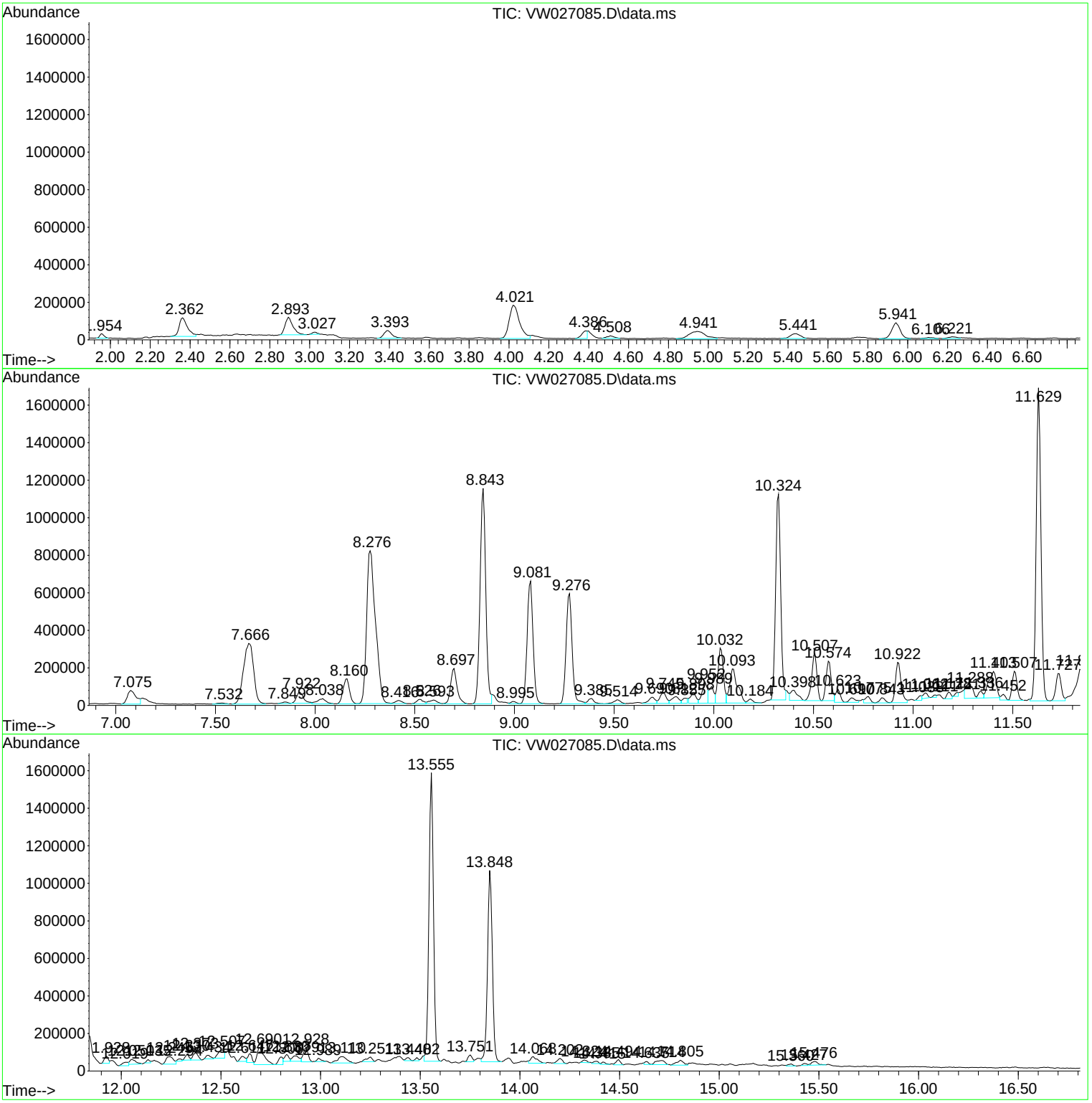
Sum of corrected areas: 28077155

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

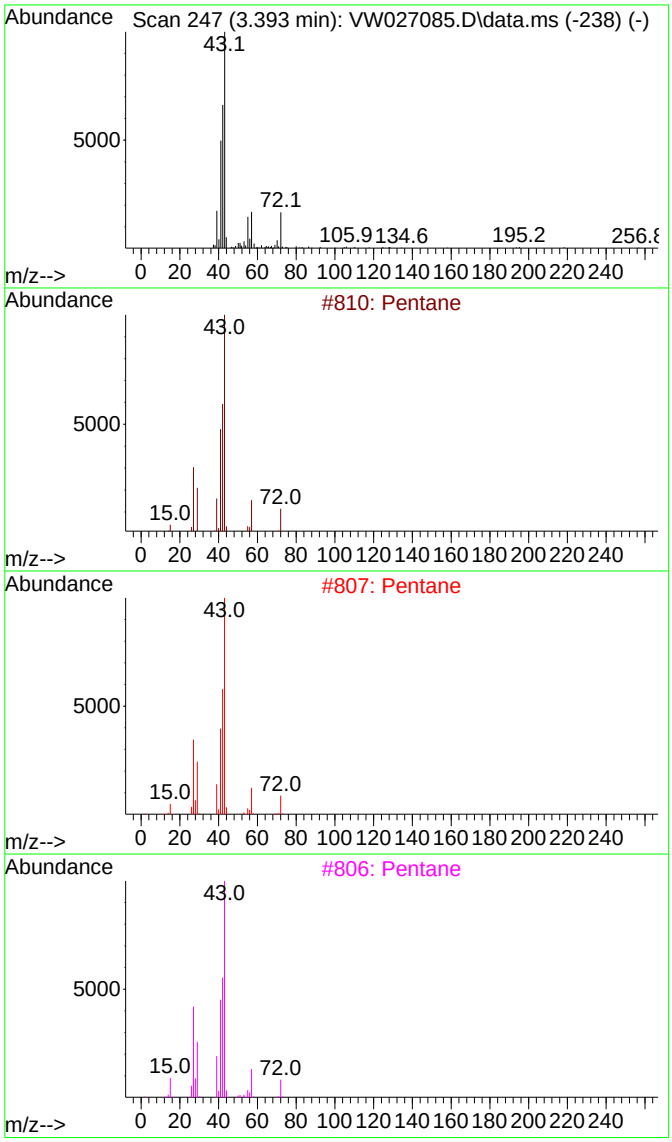
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

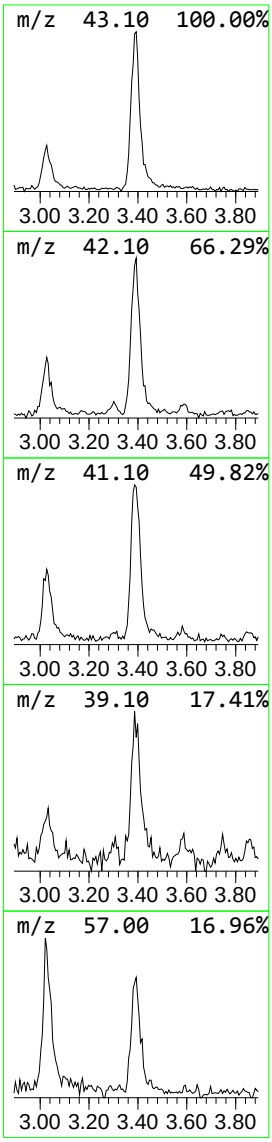
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	1.26 ug/L	115165	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	72
2	Pentane	72	C5H12	000109-66-0	72
3	Pentane	72	C5H12	000109-66-0	72
4	Pentane	72	C5H12	000109-66-0	58
5	Pentane	72	C5H12	000109-66-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

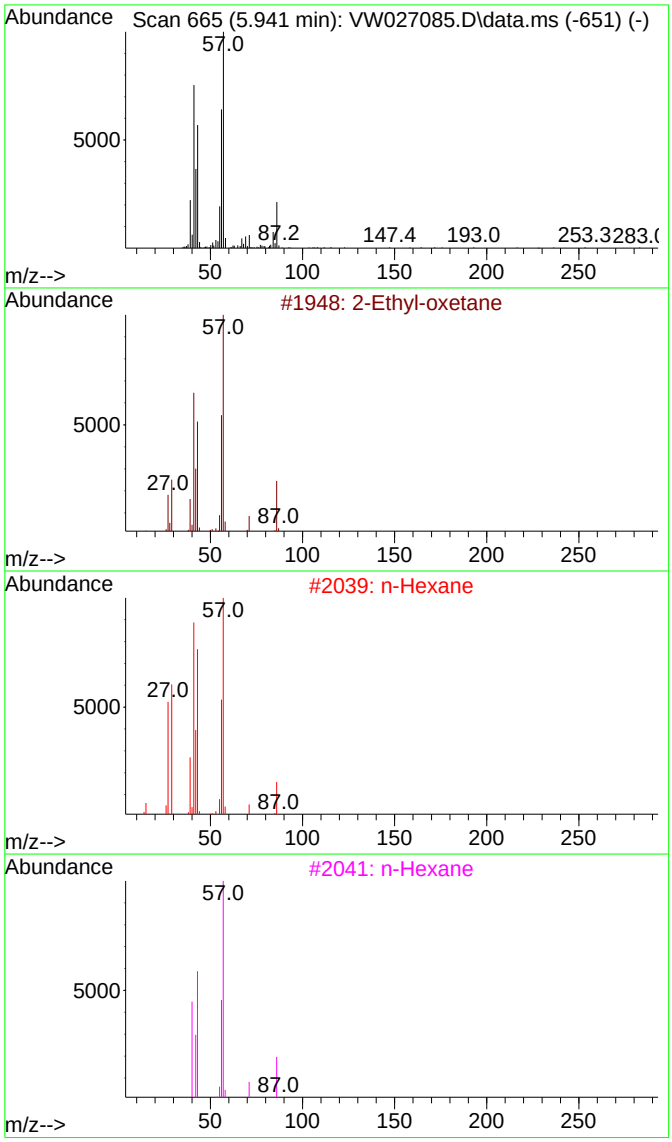
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

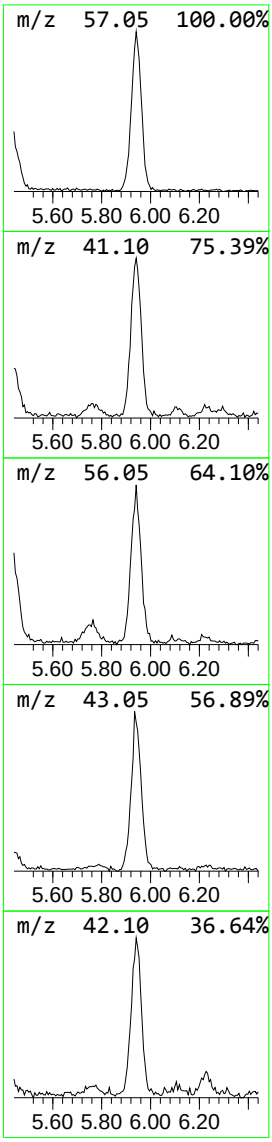
****

Peak Number 3 2-Ethyl-oxetane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	2.79 ug/L	255205	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	80
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	59
4	1-Butanol	74	C4H10O	000071-36-3	43
5	1-Butanol	74	C4H10O	000071-36-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

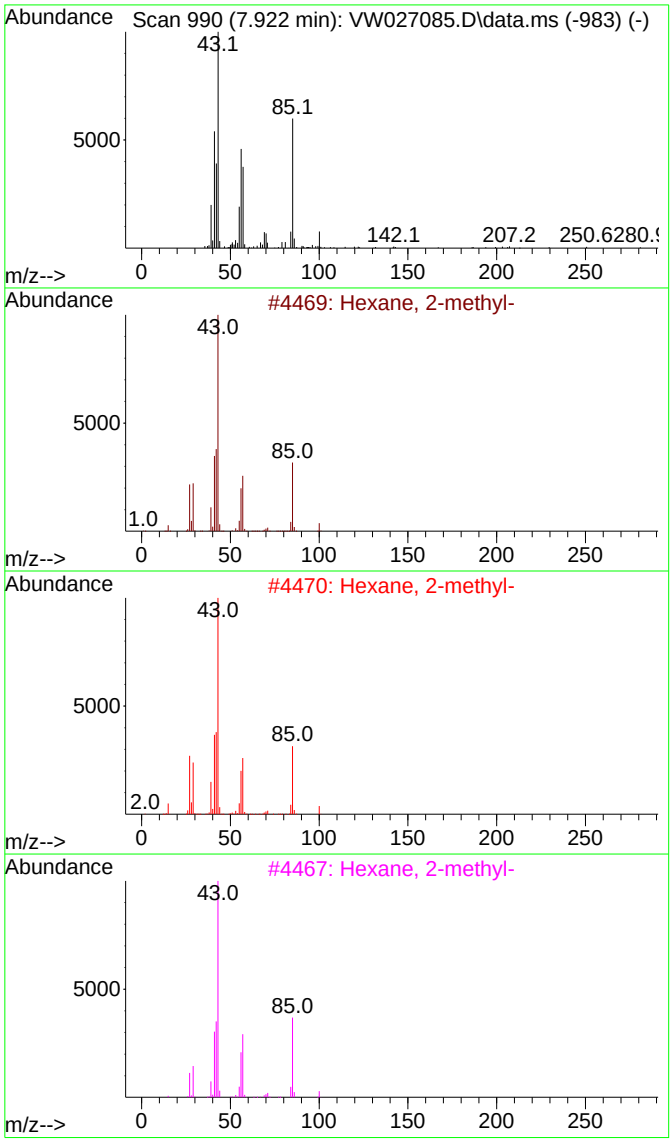
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

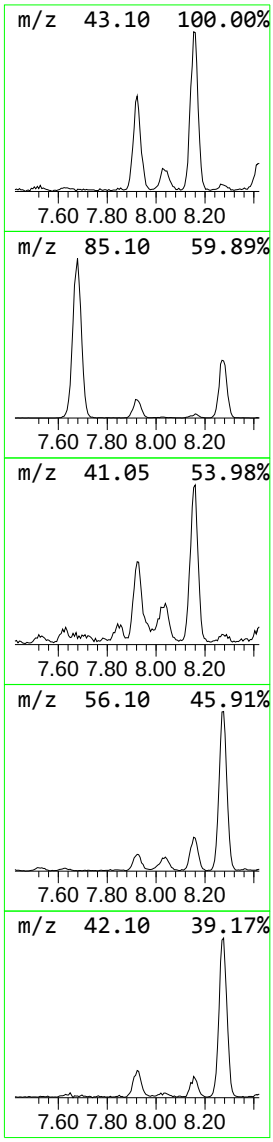
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.922	1.61 ug/L	147360	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	64
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	64
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	53
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	43
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

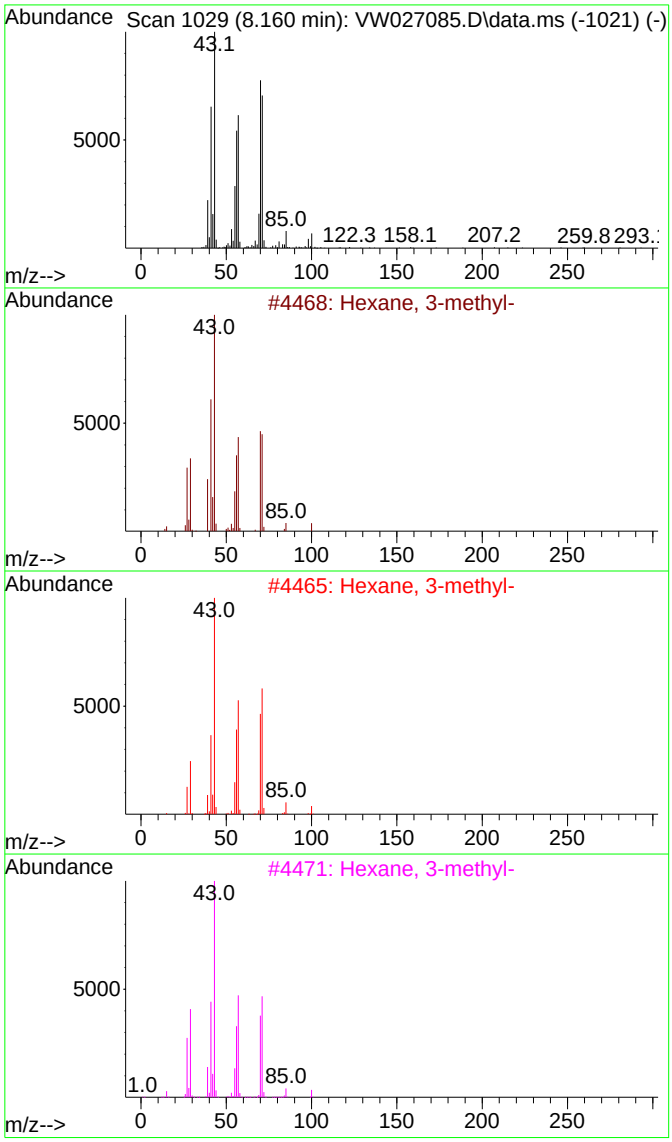
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

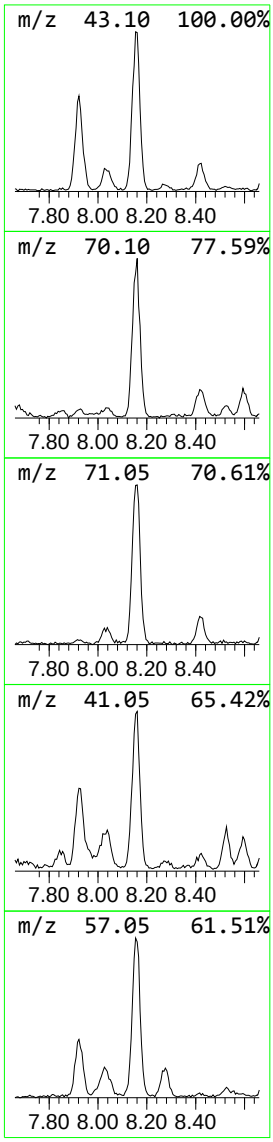
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.160	3.27 ug/L	299196	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	86
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	83
4	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	59
5	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

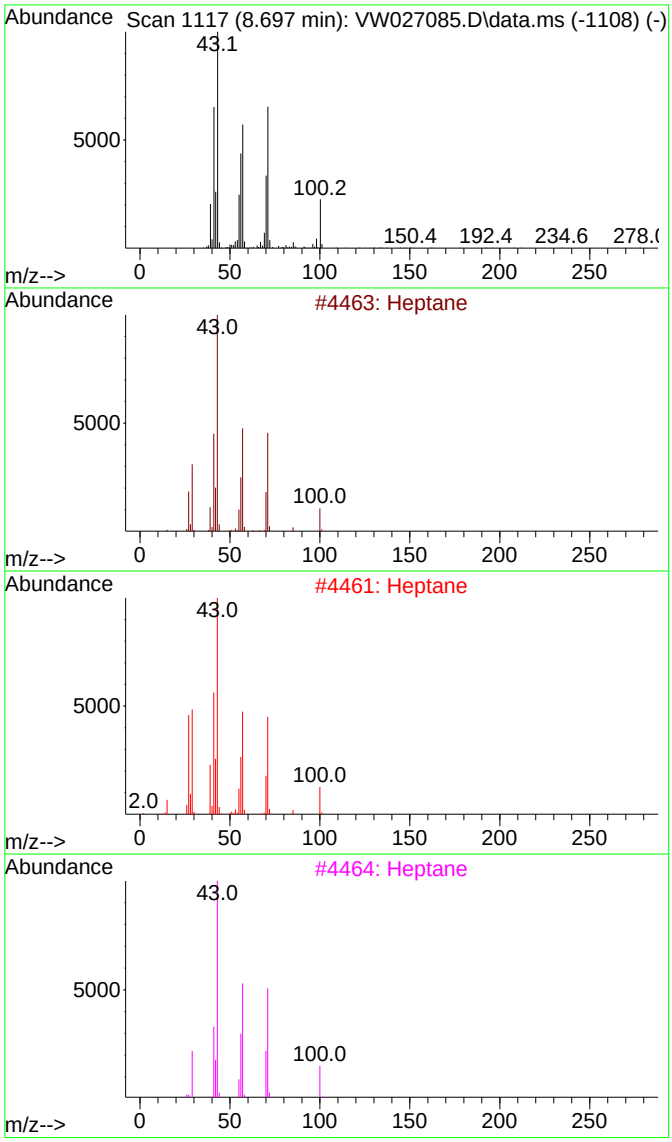
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

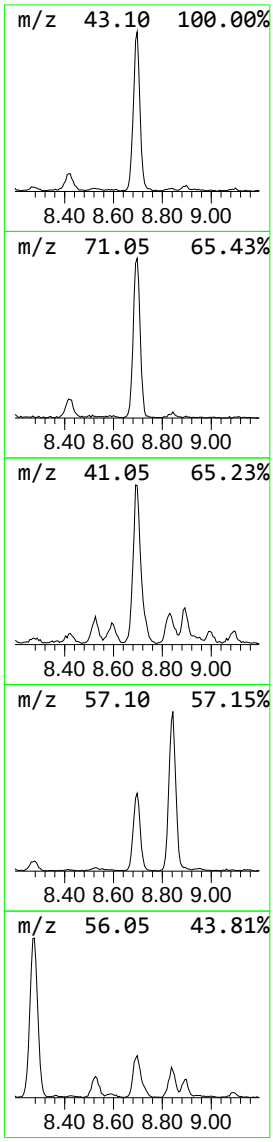
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.697	4.53 ug/L	414417	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	86
2	Heptane	100	C7H16	000142-82-5	78
3	Heptane	100	C7H16	000142-82-5	78
4	Heptane	100	C7H16	000142-82-5	52
5	1-Fluorooctane	132	C8H17F	000463-11-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

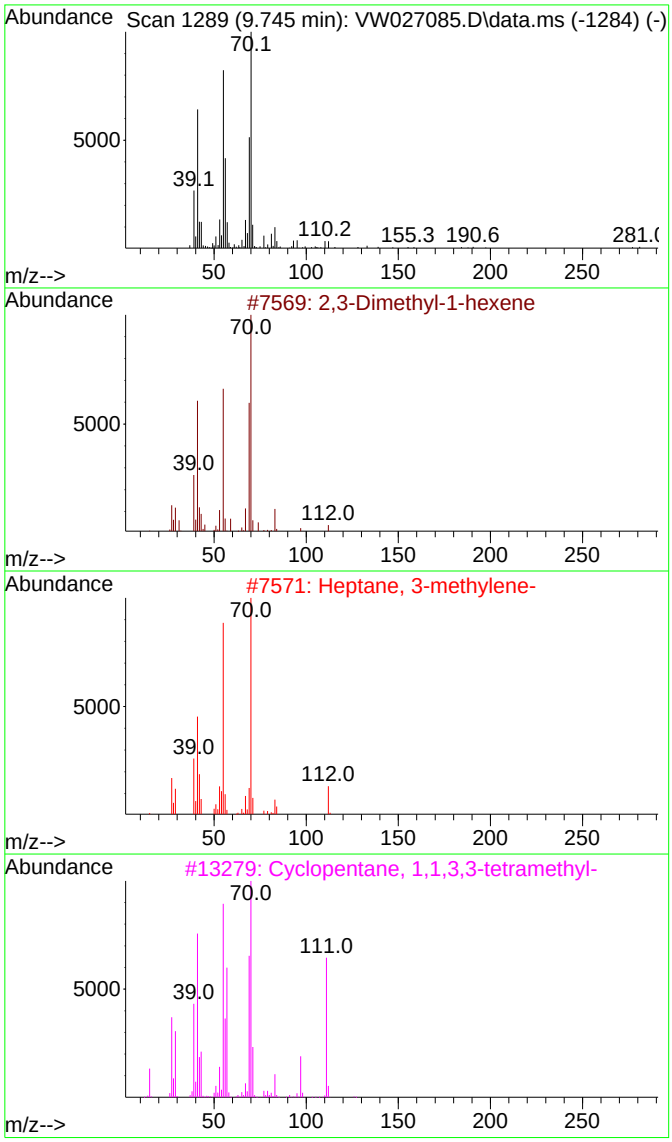
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

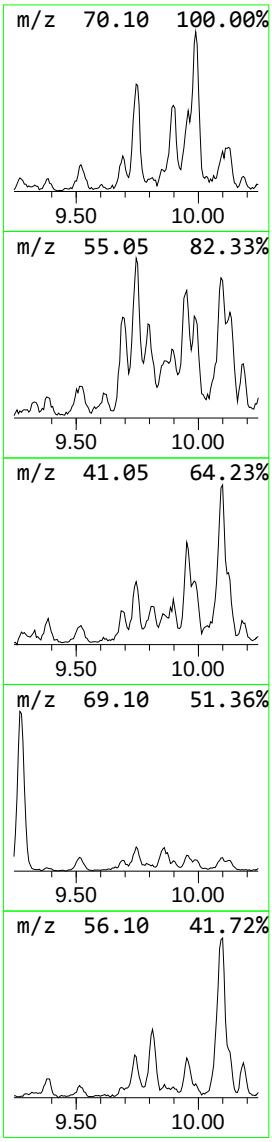
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	1.40 ug/L	127707	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	76
2	Heptane, 3-methylene-	112	C8H16	001632-16-2	59
3	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	53
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	50
5	Cyclobutanone, 2,3,3-trimethyl-	112	C7H12O	028290-01-9	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

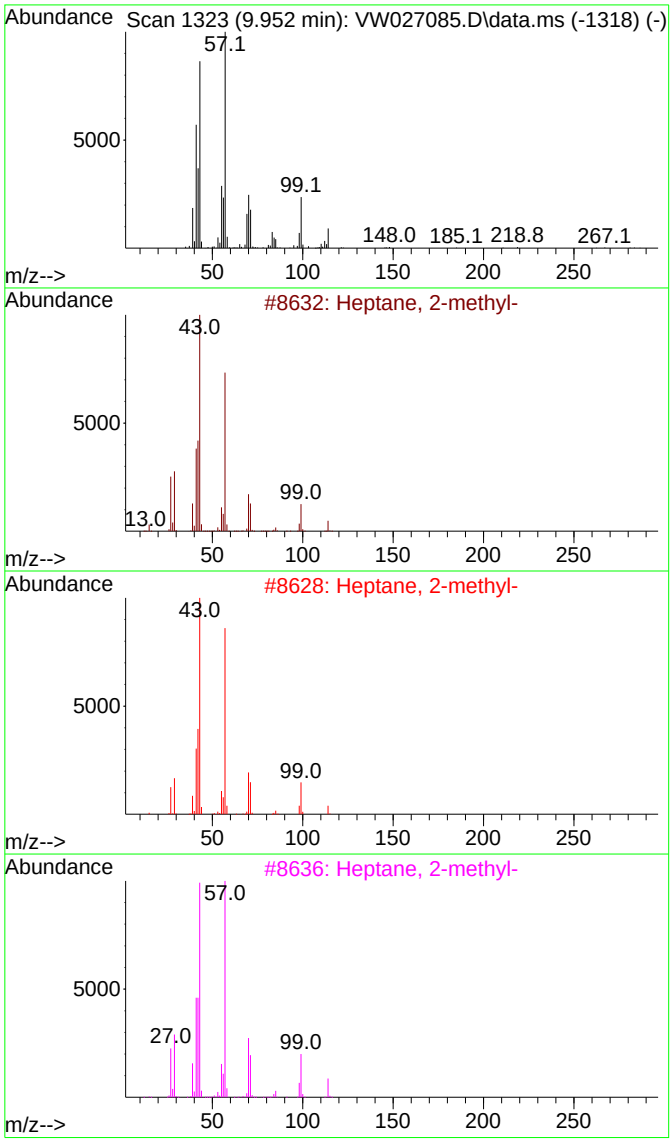
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

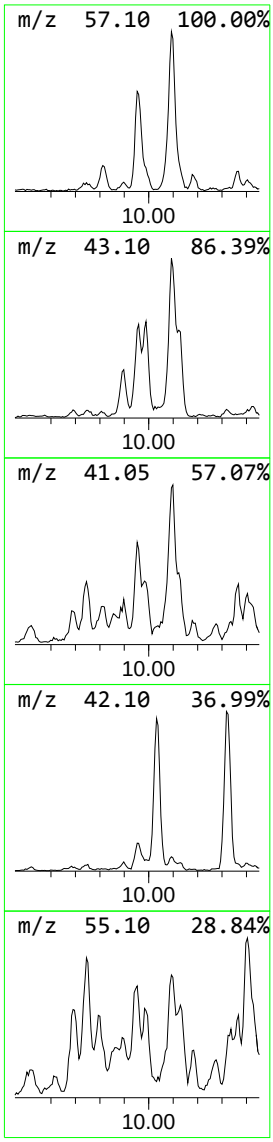
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.952	2.25 ug/L	206037	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

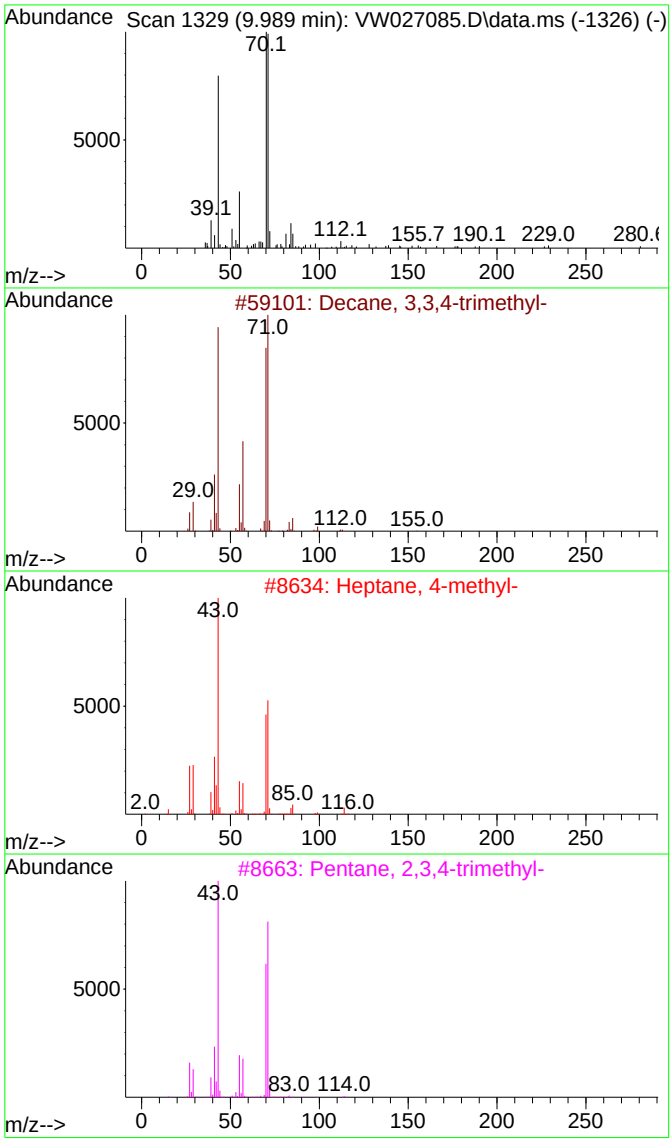
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

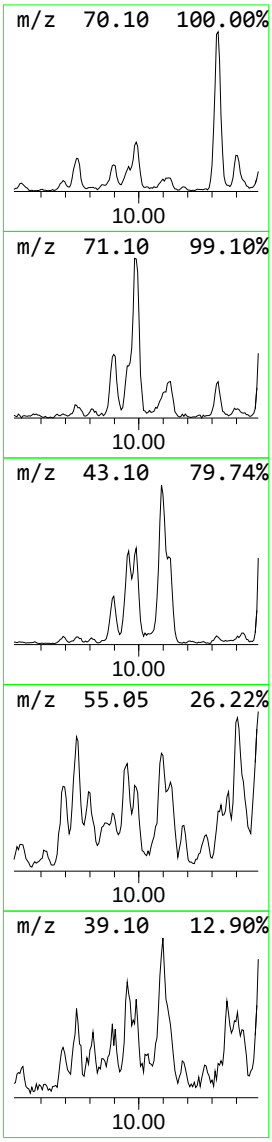
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.989	1.67 ug/L	152535	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
4	Diisoamyl ether	158	C10H22O	000544-01-4	56
5	10-Undecenoic acid, 3-methylbuty...	254	C16H30O2	010214-27-4	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

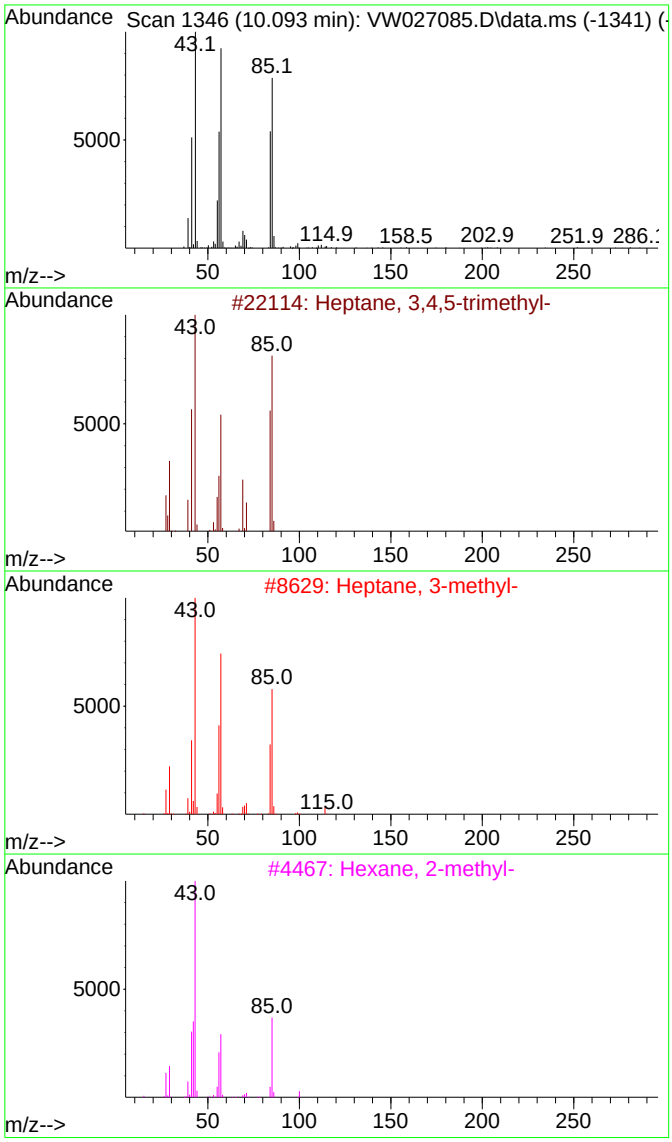
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

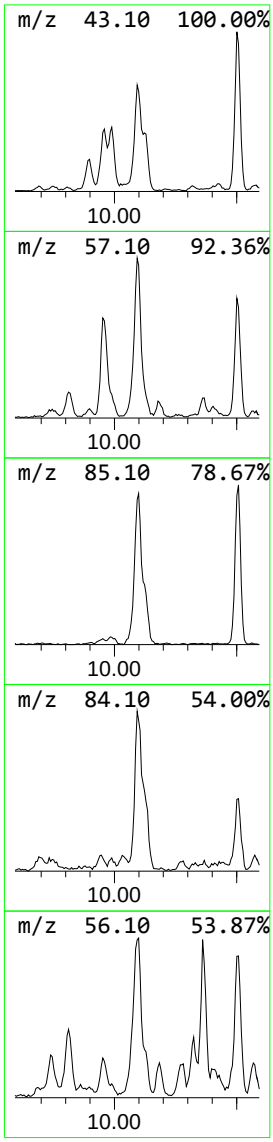
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	5.46 ug/L	499029	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	74
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	72
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	64
4	Heptane, 3-methyl-	114	C8H18	000589-81-1	59
5	Hexyl n-valerate	186	C11H22O2	001117-59-5	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

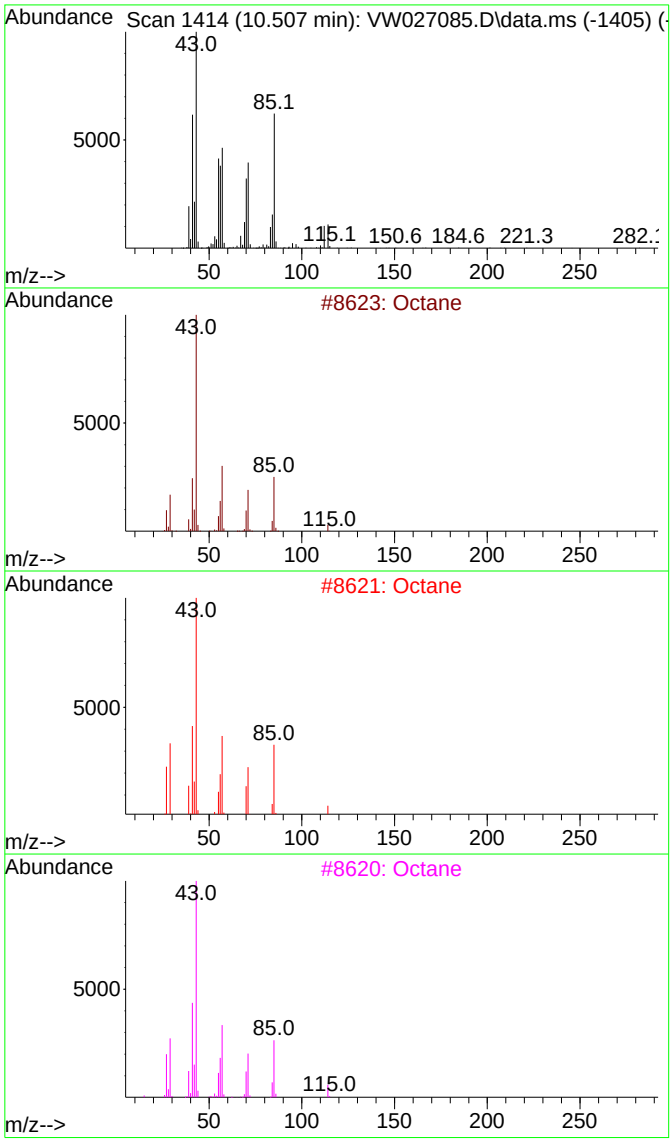
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

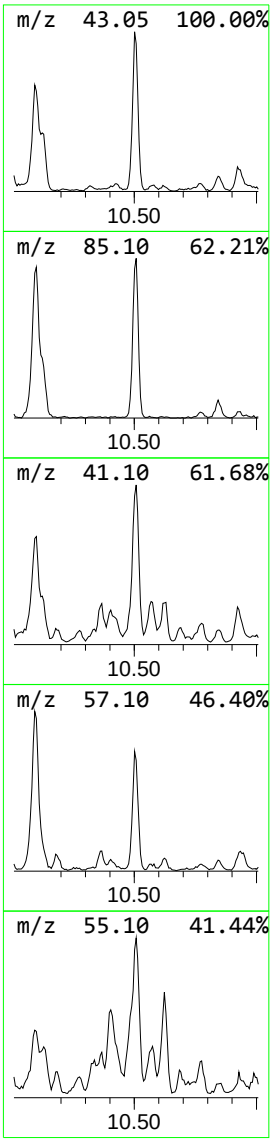
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.507	4.15 ug/L	453490	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	72
2	Octane	114	C8H18	000111-65-9	58
3	Octane	114	C8H18	000111-65-9	53
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

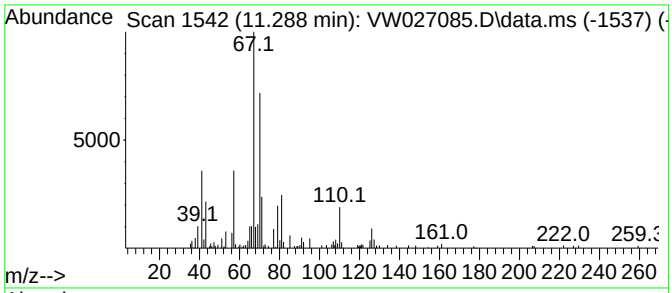
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

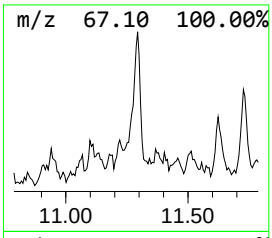
****

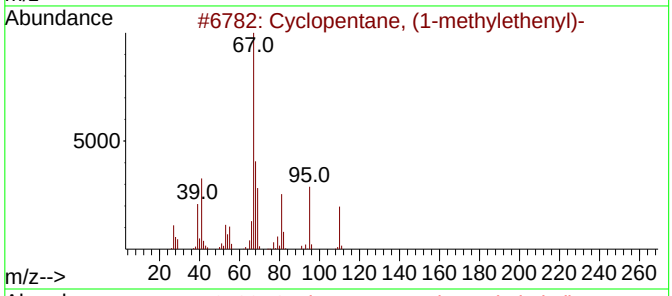
Peak Number 13 unknown-01 Concentration Rank 15

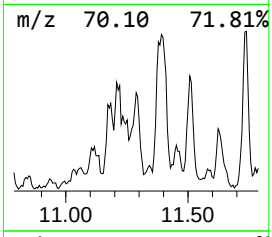
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.288	1.54 ug/L	168778	Chlorobenzene-d5	11.629

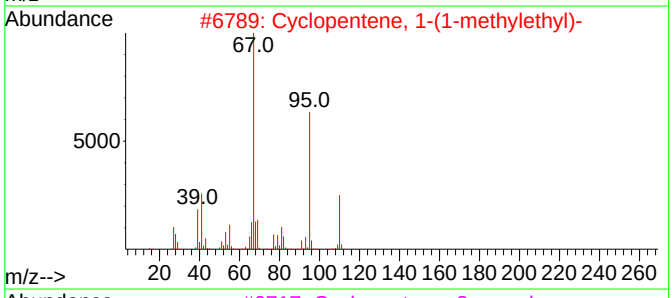
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (1-methylethenyl)-	110	C8H14	055661-02-4	43
2	Cyclopentene, 1-(1-methylethyl)-	110	C8H14	001462-07-3	43
3	Cyclopentene, 3-propyl-	110	C8H14	034067-75-9	43
4	1-Propylcyclopentene	110	C8H14	003074-61-1	43
5	1-Cyclopentylacetonitrile	107	C7H9N	022734-04-9	38

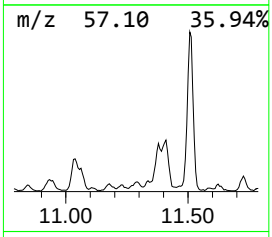


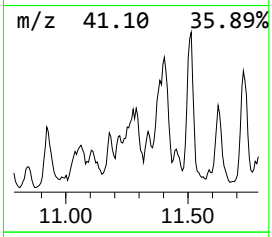


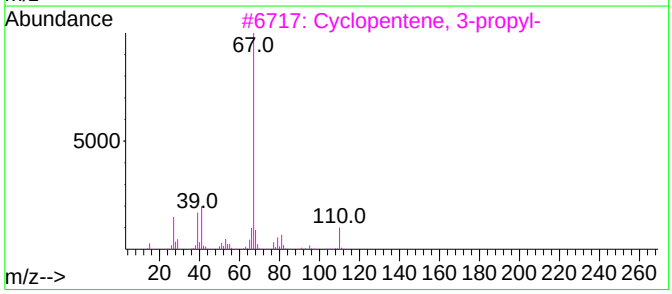


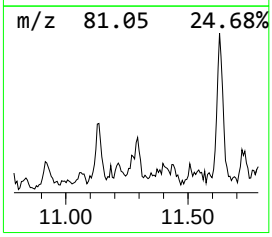












Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

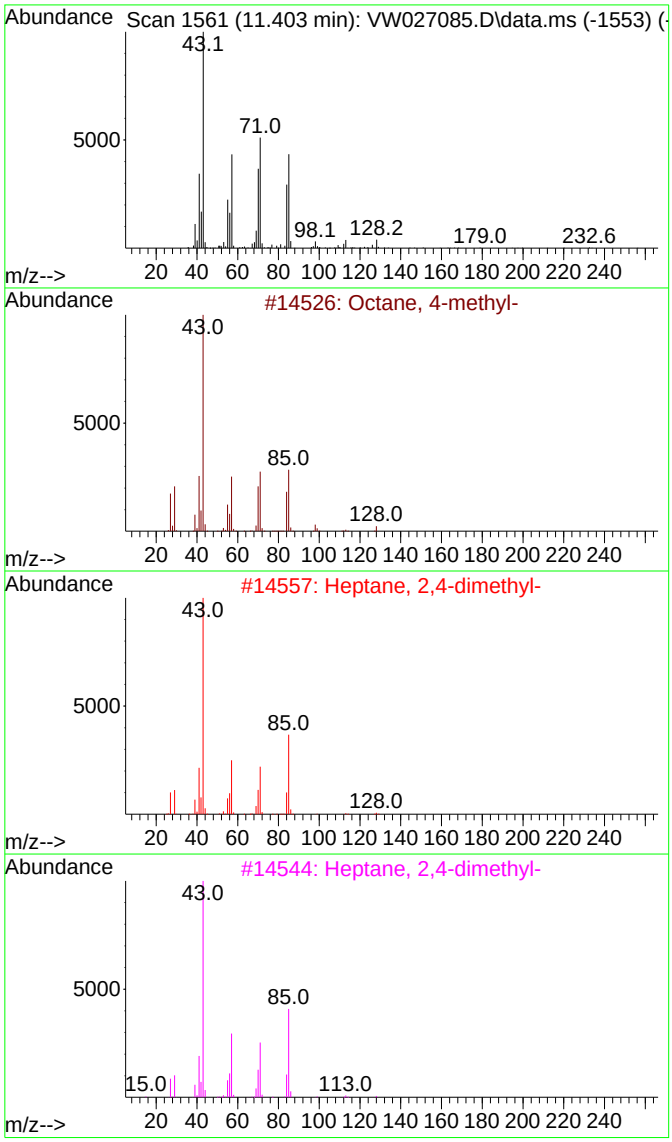
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

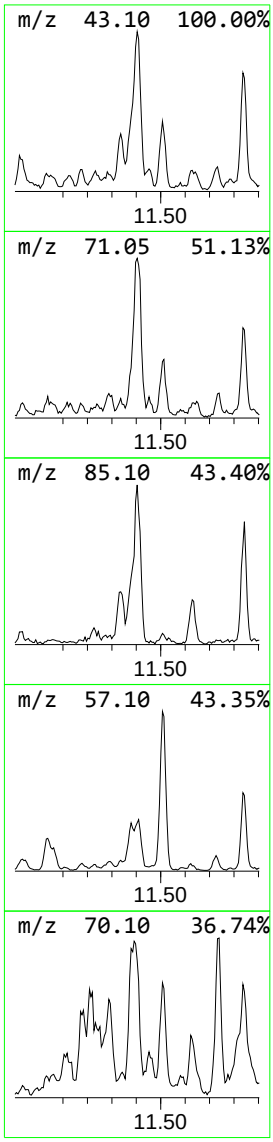
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.403	3.42 ug/L	373680	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	87
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
5	Octane, 4-methyl-	128	C9H20	002216-34-4	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

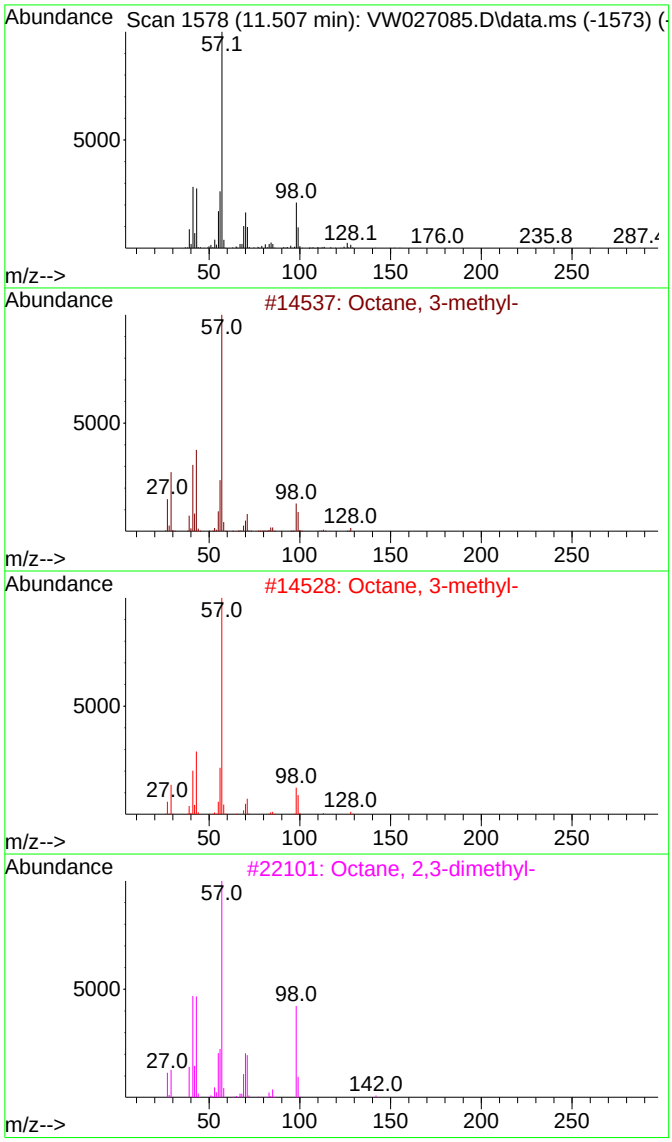
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

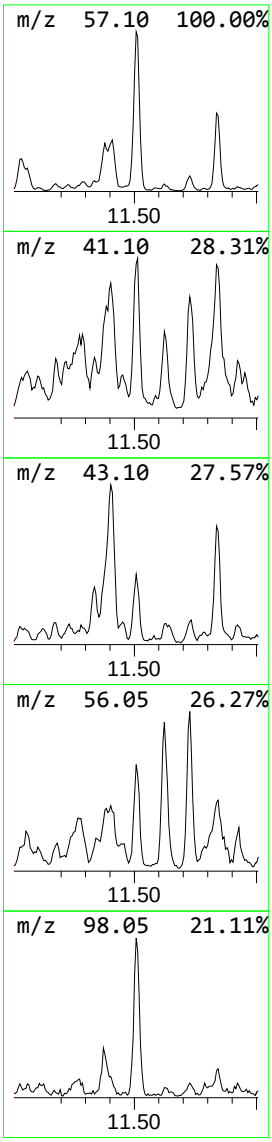
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.507	2.41 ug/L	263245	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	64
2	Octane, 3-methyl-	128	C9H20	002216-33-3	64
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
4	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
5	Octane, 3-methyl-	128	C9H20	002216-33-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

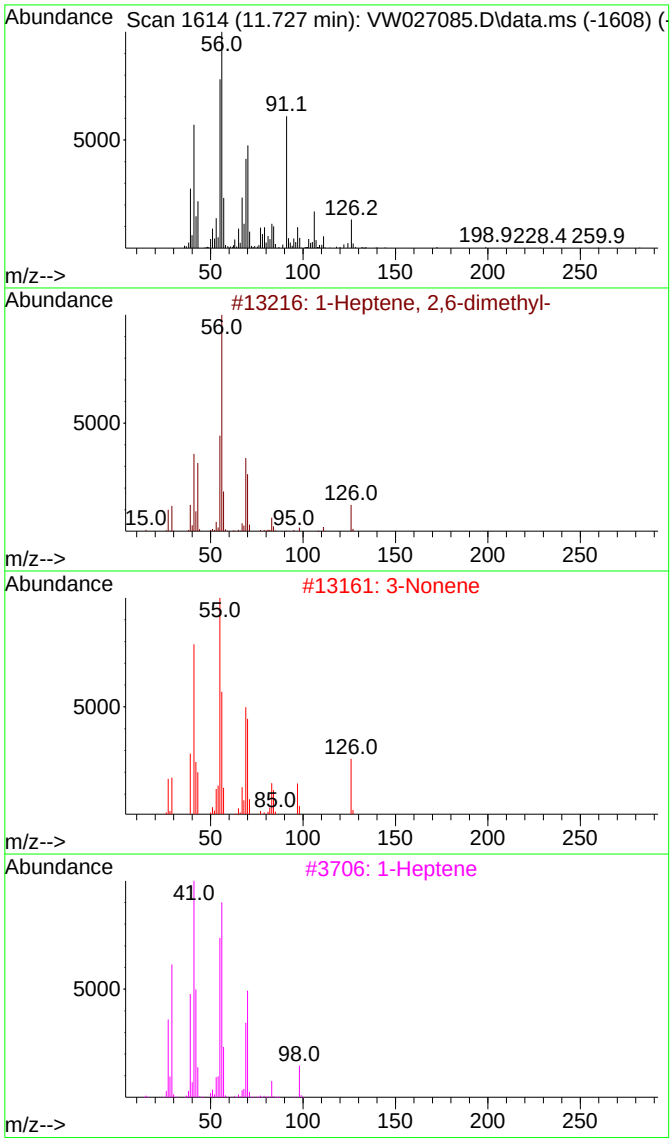
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

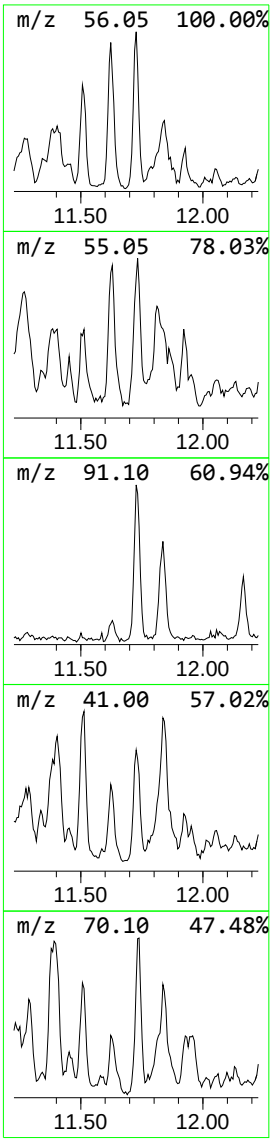
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.727	2.51 ug/L	273851	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	58
2	3-Nonene	126	C9H18	020063-77-8	55
3	1-Heptene	98	C7H14	000592-76-7	52
4	2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	52
5	Aziridine, 1-propyl-	85	C5H11N	005536-98-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

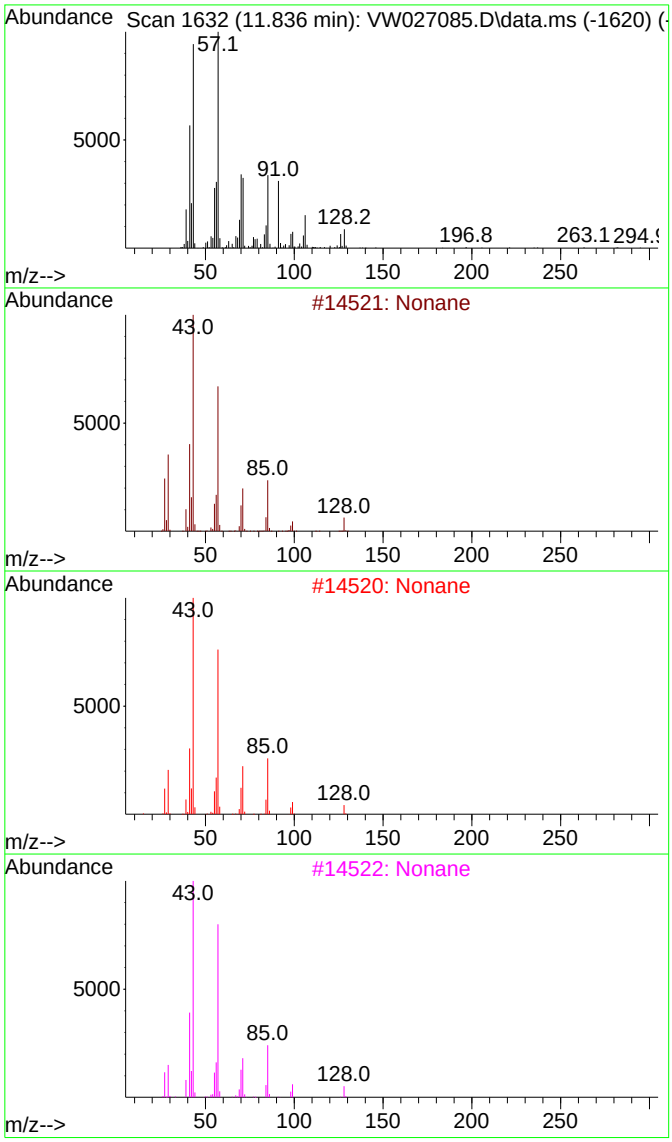
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

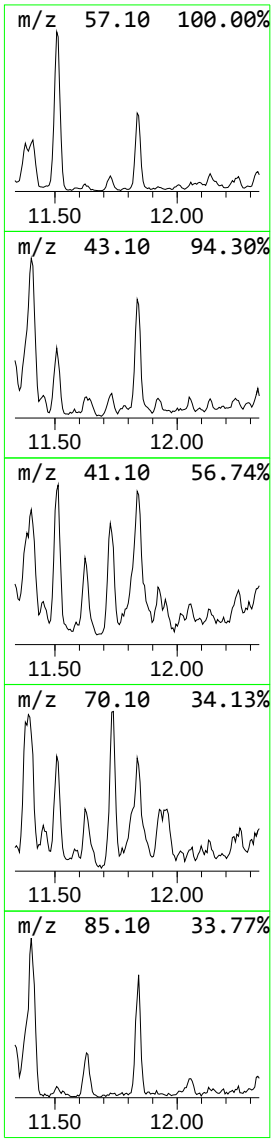
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.836	3.54 ug/L	386772	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	81
2	Nonane	128	C9H20	000111-84-2	81
3	Nonane	128	C9H20	000111-84-2	72
4	Nonane	128	C9H20	000111-84-2	64
5	Undecane	156	C11H24	001120-21-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

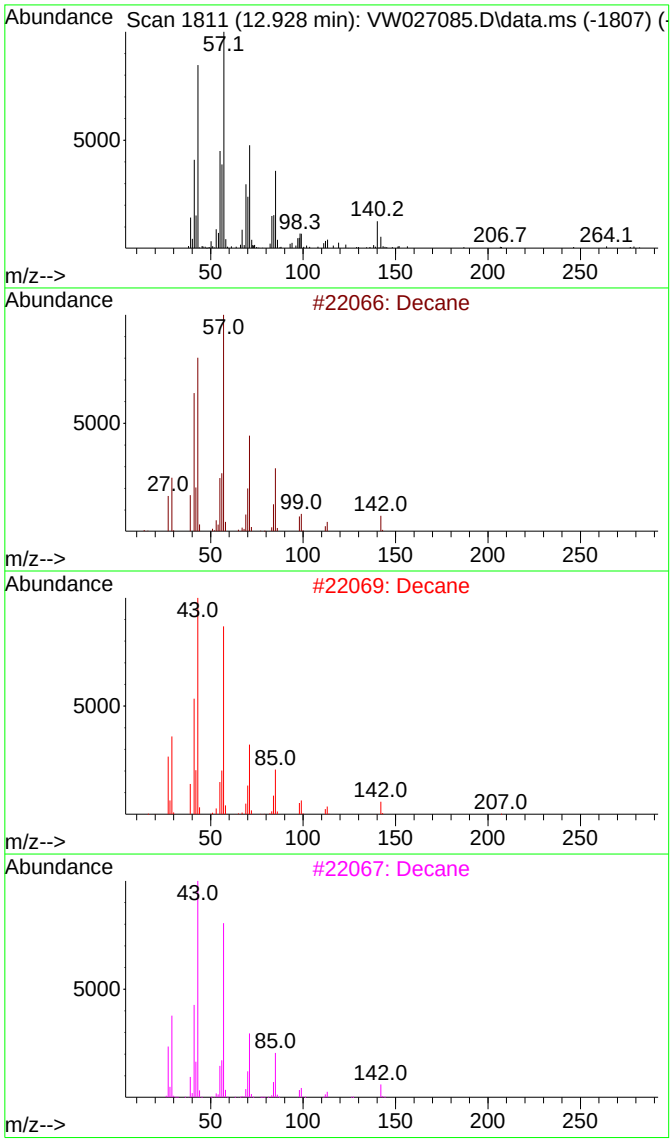
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

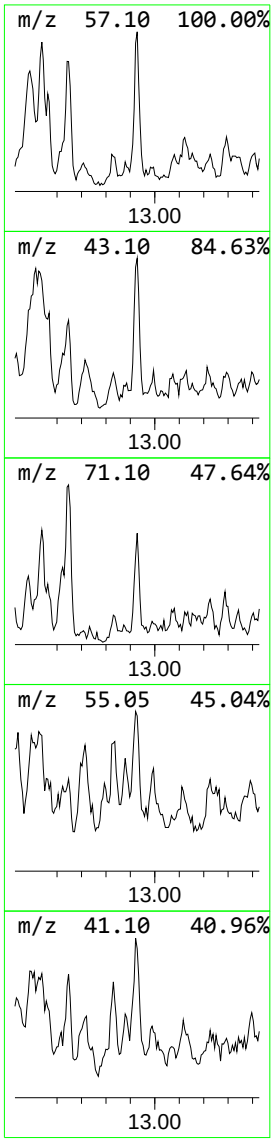
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	1.28 ug/L	122296	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	81
2	Decane	142	C10H22	000124-18-5	74
3	Decane	142	C10H22	000124-18-5	70
4	Ether, 6-methylheptyl vinyl	156	C10H20O	010573-35-0	58
5	Decane, 3-methyl-	156	C11H24	013151-34-3	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027085.D
Acq On : 13 Sep 2023 12:01
Operator : SY/MD
Sample : 04330-21
Misc : 7.54g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.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...	3.393	1.3	ug/L	115165	1	8.843	2285190	25.0
2-Ethyl-oxetane	5.941	2.8	ug/L	255205	1	8.843	2285190	25.0
(DEL) Alkane: S...	7.922	1.6	ug/L	147360	1	8.843	2285190	25.0
(DEL) Alkane: S...	8.160	3.3	ug/L	299196	1	8.843	2285190	25.0
(DEL) Alkane: S...	8.697	4.5	ug/L	414417	1	8.843	2285190	25.0
(DEL) Alkane: S...	9.745	1.4	ug/L	127707	1	8.843	2285190	25.0
(DEL) Alkane: S...	9.952	2.3	ug/L	206037	1	8.843	2285190	25.0
(DEL) Alkane: S...	9.989	1.7	ug/L	152535	1	8.843	2285190	25.0
(DEL) Alkane: S...	10.093	5.5	ug/L	499029	1	8.843	2285190	25.0
(DEL) Alkane: S...	10.507	4.2	ug/L	453490	2	11.629	2732990	25.0
unknown-01	11.288	1.5	ug/L	168778	2	11.629	2732990	25.0
(DEL) Alkane: S...	11.403	3.4	ug/L	373680	2	11.629	2732990	25.0
(DEL) Alkane: S...	11.507	2.4	ug/L	263245	2	11.629	2732990	25.0
(DEL) Alkane: S...	11.727	2.5	ug/L	273851	2	11.629	2732990	25.0
(DEL) Alkane: S...	11.836	3.5	ug/L	386772	2	11.629	2732990	25.0
(DEL) Alkane: S...	12.928	1.3	ug/L	122296	3	13.556	2393220	25.0