LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025521.D
Acq On : 31 Mar 2023 10:39
Operator : SY/MD
Sample : 02130-11RE
Misc : 5.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

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\SFAMWLM030623SMA.M
Title : SFAM01.0

Signal : TIC: VW025521.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	44	48	60	rVB2	18469	42597	1.33%	0.147%
2	2.369	71	79	90	rBV	292988	671738	20.91%	2.320%
3	2.460	91	94	104	rVB2	17154	33668	1.05%	0.116%
4	2.893	159	165	178	rVV	107385	305521	9.51%	1.055%
5	3.039	181	189	212	rVB	183392	563859	17.55%	1.947%
6	3.301	229	232	236	rVV5	5103	8638	0.27%	0.030%
7	3.393	239	247	264	rVV	467731	1122654	34.94%	3.877%
8	3.588	271	279	286	rBV2	29780	72456	2.26%	0.250%
9	3.759	302	307	313	rVB7	5300	10490	0.33%	0.036%
10	3.850	315	322	330	rVB5	7714	20322	0.63%	0.070%
11	4.021	338	350	362	rBV	309744	907309	28.24%	3.134%
12	4.124	363	367	376	rVV	14990	43738	1.36%	0.151%
13	4.405	407	413	421	rVV3	11684	34614	1.08%	0.120%
14	4.783	465	475	485	rBV8	9043	32496	1.01%	0.112%
15	4.966	485	505	522	rBV2	226971	1012065	31.50%	3.495%
16	5.441	568	583	598	rBV2	207301	739497	23.02%	2.554%
17	5.758	627	635	638	rBV9	7937	20474	0.64%	0.071%
18	5.941	654	665	684	rBV	403052	1205898	37.53%	4.165%
19	6.112	687	693	701	rVB7	8071	21006	0.65%	0.073%
20	6.228	704	712	719	rBV2	28158	81938	2.55%	0.283%
21	6.289	720	722	732	rVB3	12161	26761	0.83%	0.092%
22	6.563	758	767	777	rVB4	9208	30085	0.94%	0.104%
23	6.874	810	818	826	rBV3	13268	41907	1.30%	0.145%
24	6.990	826	837	845	rBV3	33904	103116	3.21%	0.356%
25	7.075	845	851	859	rBV	82455	238082	7.41%	0.822%
26	7.417	898	907	913	rBV	5189	16357	0.51%	0.056%
27	7.526	917	925	933	rVB7	9025	25122	0.78%	0.087%
28	7.648	933	945	963	rBV	539094	1403250	43.68%	4.847%
29	7.843	971	977	983	rBV4	15958	37424	1.16%	0.129%
30	7.923	983	990	1000	rBV	212711	500866	15.59%	1.730%
31	8.032	1000	1008	1017	rVB4	95097	277093	8.62%	0.957%
32	8.154	1019	1028	1037	rBV	415087	923331	28.74%	3.189%
33	8.276	1037	1048	1064	rBV2	1048166	3212730	100.00%	11.096%
34	8.422	1065	1072	1081	rVB3	65625	165173	5.14%	0.570%
35	8.520	1081	1088	1093	rBV5	18262	42406	1.32%	0.146%
36	8.581	1093	1098	1107	rVB6	16402	41340	1.29%	0.143%

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Instrument :
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ClientSampleId :
C11A0RE

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\SFAMWLM030623SMA.M
Title : SFAM01.0

37	8.691	1107	1116	1131	rVB	365712	772599	24.05%	2.668%
38	8.843	1131	1141	1147	rBV	1157272	2368047	73.71%	8.179%
39	8.996	1163	1166	1171	rVB3	12000	18246	0.57%	0.063%
40	9.087	1174	1181	1188	rBV6	16230	37077	1.15%	0.128%
41	9.276	1203	1212	1220	rBV	736186	1557595	48.48%	5.380%
42	9.380	1225	1229	1236	rVB	33280	68710	2.14%	0.237%
43	9.514	1242	1251	1258	rBV	64652	133470	4.15%	0.461%
44	9.617	1263	1268	1272	rBV5	6452	11391	0.35%	0.039%
45	9.691	1272	1280	1284	rBV5	18280	41984	1.31%	0.145%
46	9.745	1284	1289	1294	rVB3	30396	57473	1.79%	0.198%
47	9.812	1295	1300	1303	rVB5	7077	11498	0.36%	0.040%
48	9.855	1303	1307	1309	rBV3	15346	22353	0.70%	0.077%
49	9.898	1309	1314	1318	rVB2	36370	58202	1.81%	0.201%
50	9.953	1318	1323	1327	rBV	105779	199316	6.20%	0.688%
51	10.032	1332	1336	1341	rVV	321459	577662	17.98%	1.995%
52	10.093	1341	1346	1358	rVB	204005	515653	16.05%	1.781%
53	10.184	1358	1361	1367	rVB4	10440	16183	0.50%	0.056%
54	10.325	1376	1384	1390	rBV	1237969	2236337	69.61%	7.724%
55	10.392	1390	1395	1401	rVV	50835	99754	3.10%	0.345%
56	10.440	1401	1403	1406	rVB3	13536	16195	0.50%	0.056%
57	10.501	1406	1413	1419	rVB	180405	322804	10.05%	1.115%
58	10.575	1419	1425	1431	rBV	190556	348114	10.84%	1.202%
59	10.690	1439	1444	1451	rBV2	21347	42031	1.31%	0.145%
60	10.776	1451	1458	1463	rVB8	16160	36637	1.14%	0.127%
61	10.861	1463	1472	1477	rBV3	60678	122551	3.81%	0.423%
62	10.922	1477	1482	1491	rBV	243981	432683	13.47%	1.494%
63	10.995	1491	1494	1497	rVB5	6498	8560	0.27%	0.030%
64	11.062	1497	1505	1509	rBV3	21362	50949	1.59%	0.176%
65	11.105	1509	1512	1521	rVB6	25587	48834	1.52%	0.169%
66	11.178	1521	1524	1527	rBV5	9421	14054	0.44%	0.049%
67	11.270	1535	1539	1540	rBV2	7850	10324	0.32%	0.036%
68	11.337	1546	1550	1552	rBV2	10365	13743	0.43%	0.047%
69	11.404	1553	1561	1572	rVB2	60606	174482	5.43%	0.603%
70	11.507	1572	1578	1585	rBV	71093	119121	3.71%	0.411%
71	11.629	1591	1598	1606	rVB	1054909	1767971	55.03%	6.106%
72	11.727	1608	1614	1620	rBV	47332	79957	2.49%	0.276%
73	11.837	1623	1632	1640	rVB4	54092	121650	3.79%	0.420%
74	11.922	1642	1646	1649	rVB6	7970	11046	0.34%	0.038%
75	11.952	1649	1651	1658	rVB8	6375	9285	0.29%	0.032%
76	12.056	1665	1668	1673	rVB7	6965	10921	0.34%	0.038%

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Instrument :
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ClientSampleId :
C11A0RE

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\SFAMWLM030623SMA.M
Title : SFAM01.0

77	12.160	1675	1685	1692	rBV3	15052	41974	1.31%	0.145%
78	12.239	1693	1698	1703	rVB6	10268	19937	0.62%	0.069%
79	12.330	1710	1713	1717	rBV5	4706	9550	0.30%	0.033%
80	12.367	1717	1719	1725	rVB6	12130	18349	0.57%	0.063%
81	12.464	1731	1735	1738	rBV2	9456	16063	0.50%	0.055%
82	12.605	1754	1758	1762	rVV3	30875	50967	1.59%	0.176%
83	12.647	1762	1765	1766	rVV2	7411	8113	0.25%	0.028%
84	12.690	1766	1772	1781	rVV	398485	639927	19.92%	2.210%
85	12.800	1785	1790	1797	rBV2	10330	19682	0.61%	0.068%
86	12.861	1797	1800	1804	rBV4	7000	10419	0.32%	0.036%
87	12.922	1807	1810	1818	rVB8	15131	26981	0.84%	0.093%
88	13.111	1836	1841	1846	rVB3	7122	15230	0.47%	0.053%
89	13.294	1867	1871	1876	rVB8	5053	8617	0.27%	0.030%
90	13.464	1892	1899	1903	rBV7	10329	20445	0.64%	0.071%
91	13.556	1907	1914	1926	rBV	407943	665731	20.72%	2.299%
92	13.641	1926	1928	1936	rVB8	6600	11427	0.36%	0.039%
93	13.751	1942	1946	1951	rBV4	16108	27987	0.87%	0.097%
94	13.848	1956	1962	1973	rVV	335361	560913	17.46%	1.937%
95	14.062	1992	1997	2003	rBV	27181	43347	1.35%	0.150%
96	14.202	2014	2020	2025	rVB9	7930	16098	0.50%	0.056%
97	14.318	2032	2039	2042	rBV9	4893	9783	0.30%	0.034%
98	14.629	2084	2090	2093	rBV8	4799	9047	0.28%	0.031%
99	15.427	2213	2221	2226	rBV2	48765	85991	2.68%	0.297%
100	15.482	2226	2230	2236	rVB2	9005	15654	0.49%	0.054%

Sum of corrected areas: 28953715

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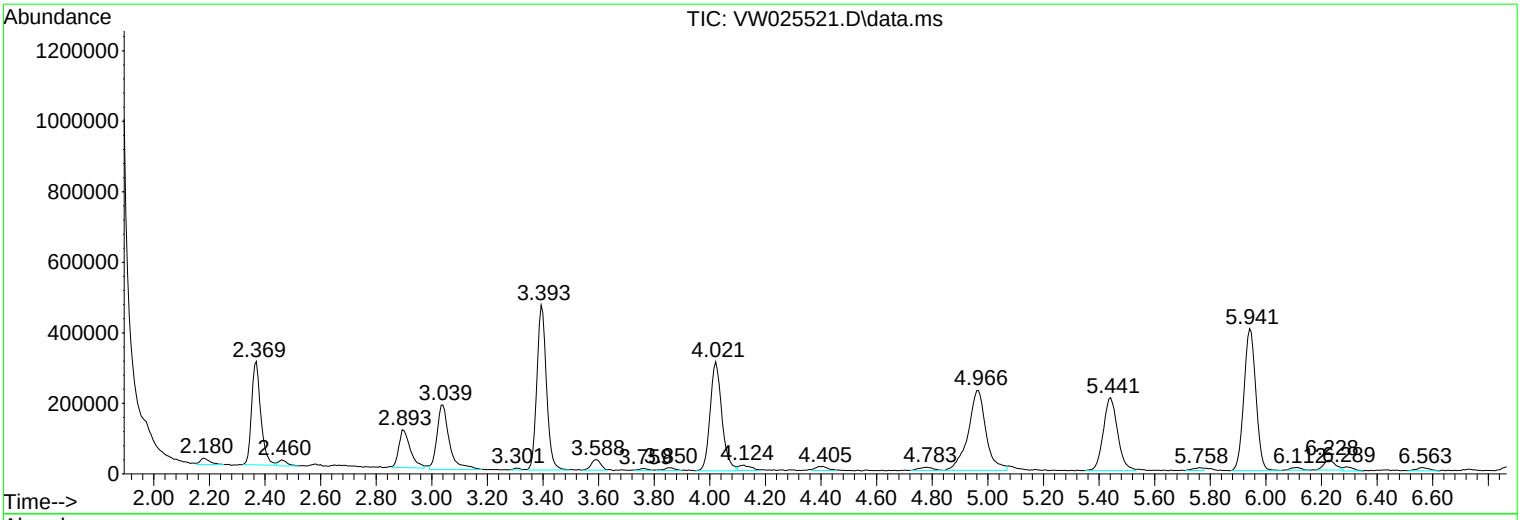
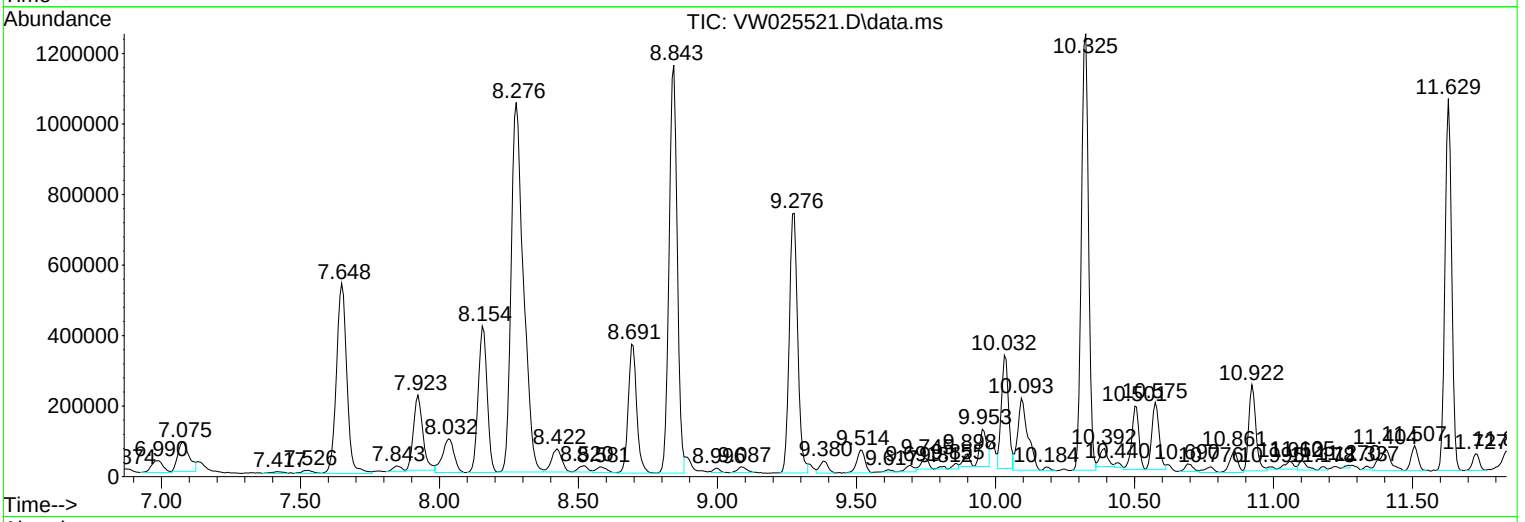
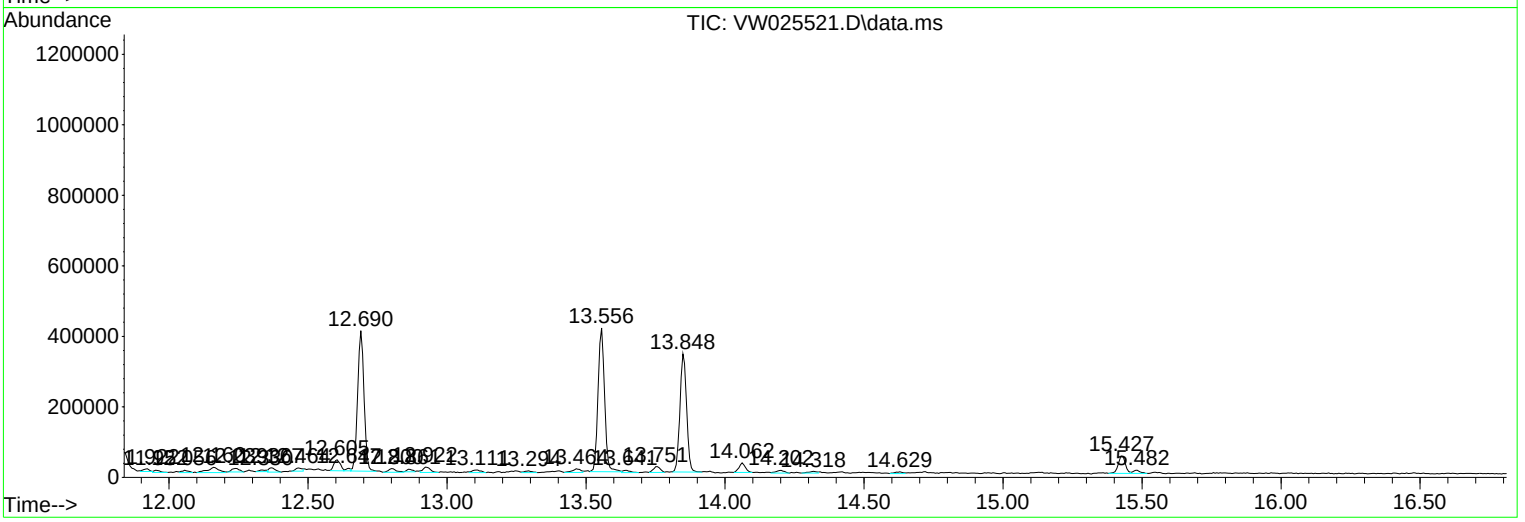
Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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







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Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

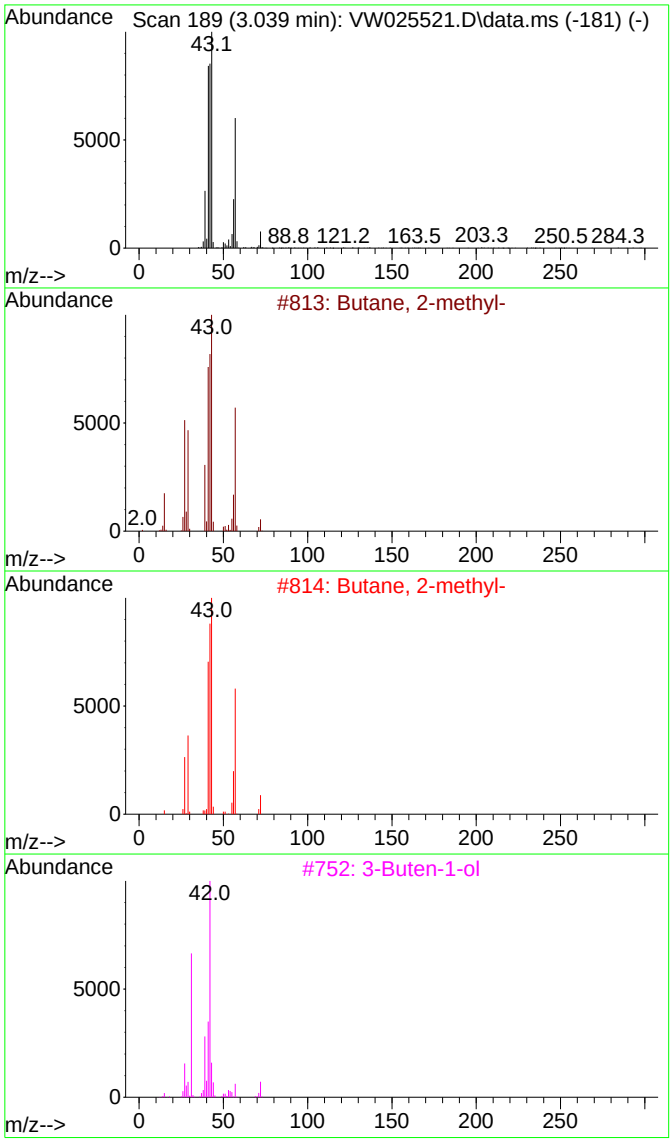
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

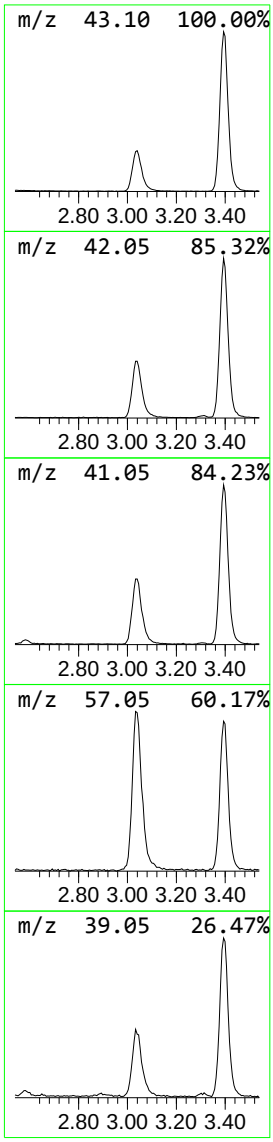
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.039	5.95 ug/L	563859	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	90
3	3-Buten-1-ol	72	C4H8O	000627-27-0	47
4	Pentane	72	C5H12	000109-66-0	39
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	12





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Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

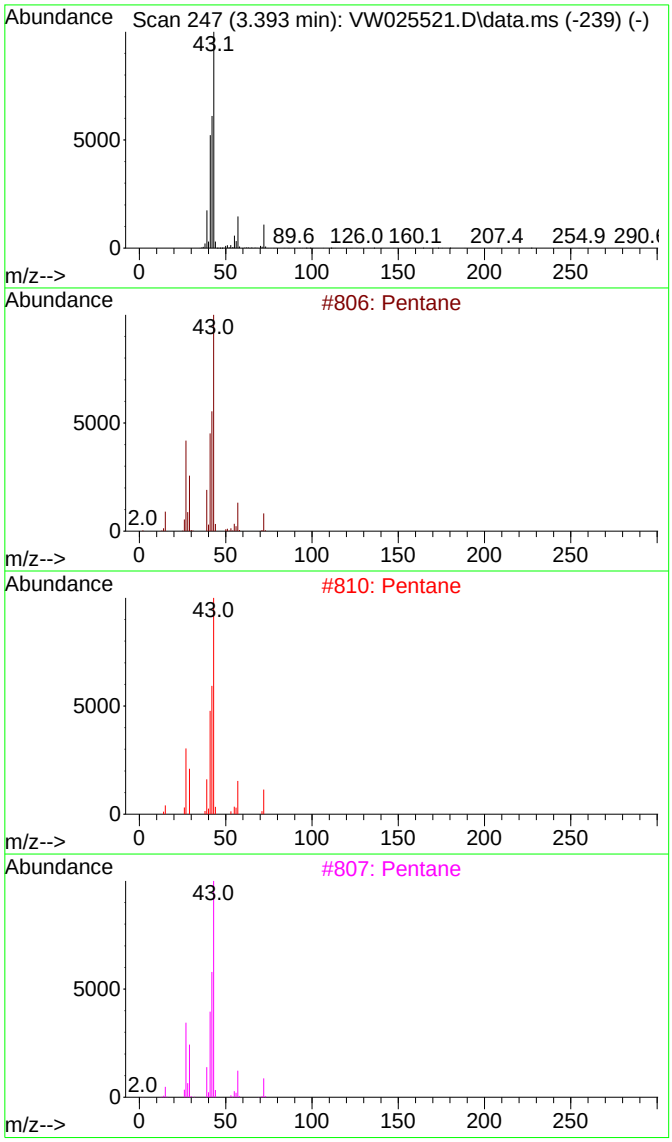
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

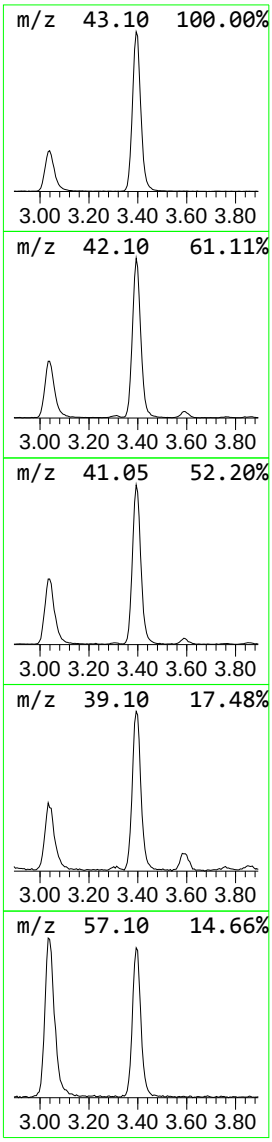
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	11.85 ug/L	1122650	1,4-Difluorobenzene	8.843

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





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Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

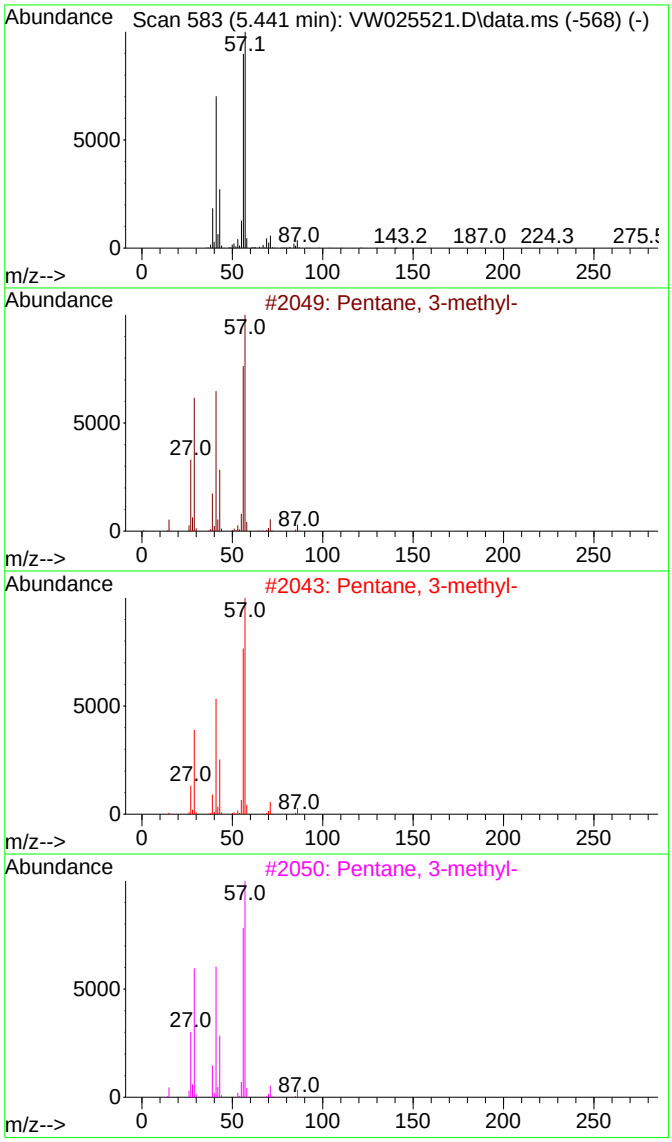
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

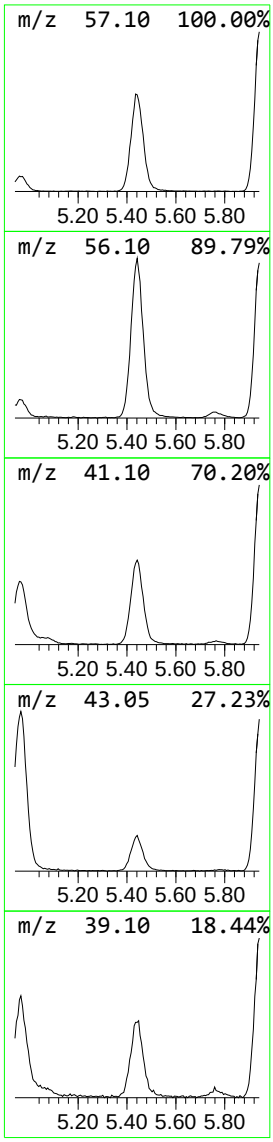
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.441	7.81 ug/L	739497	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72





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Instrument :
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ClientSampleId :
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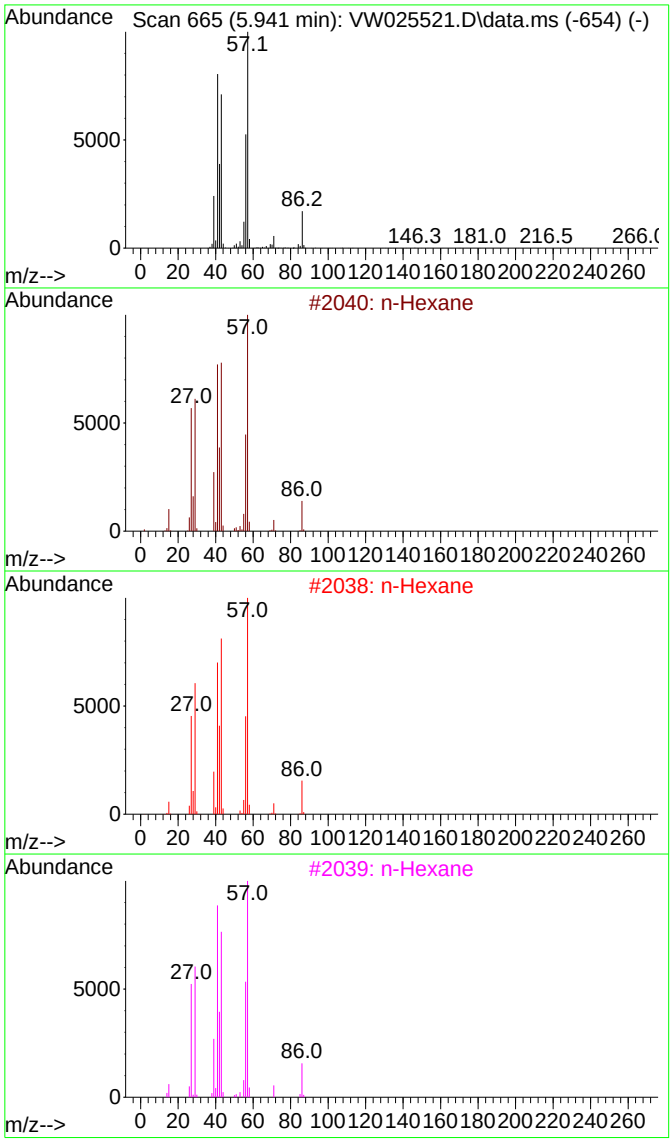
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

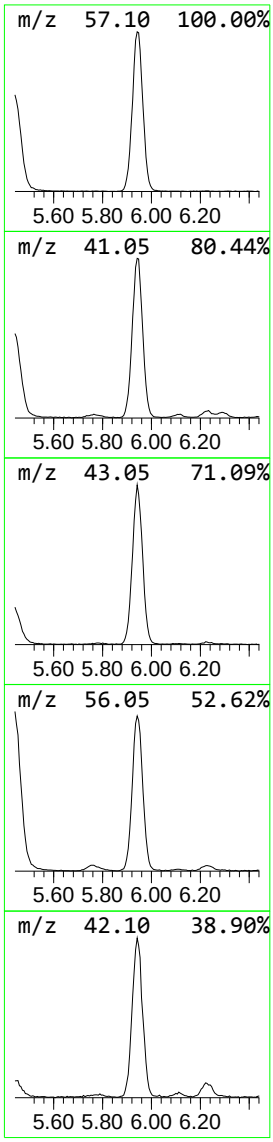
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	12.73 ug/L	1205900	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	91
3	n-Hexane	86	C6H14	000110-54-3	91
4	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	64
5	n-Hexane	86	C6H14	000110-54-3	52





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Operator : SY/MD
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Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

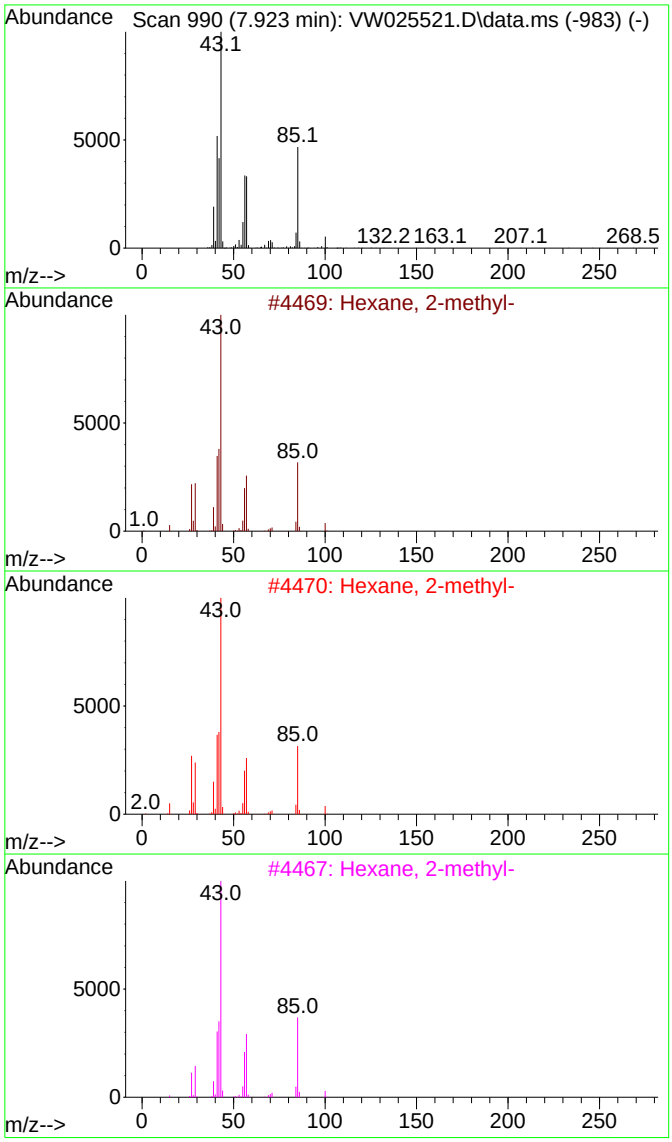
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

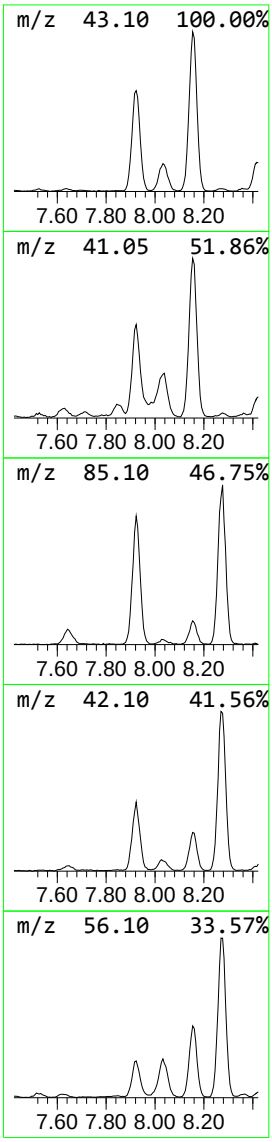
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.923	5.29 ug/L	500866	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, 2-methyl-	100	C7H16	000591-76-4	90
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
5	Hexane, 2-bromo-	164	C6H13Br	003377-86-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025521.D
Acq On : 31 Mar 2023 10:39
Operator : SY/MD
Sample : 02130-11RE
Misc : 5.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

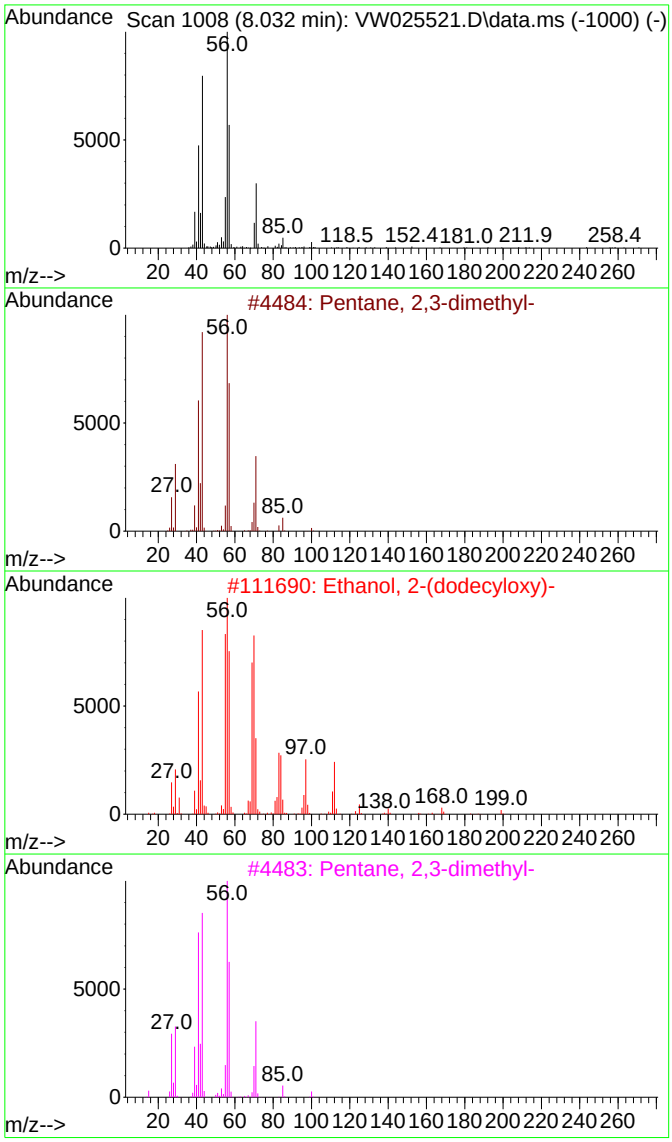
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

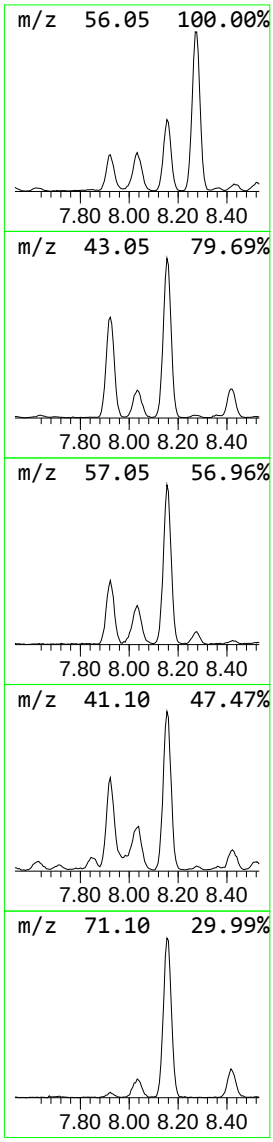
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.032	2.93 ug/L	277093	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
2	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	64
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	58
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	58
5	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025521.D
Acq On : 31 Mar 2023 10:39
Operator : SY/MD
Sample : 02130-11RE
Misc : 5.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

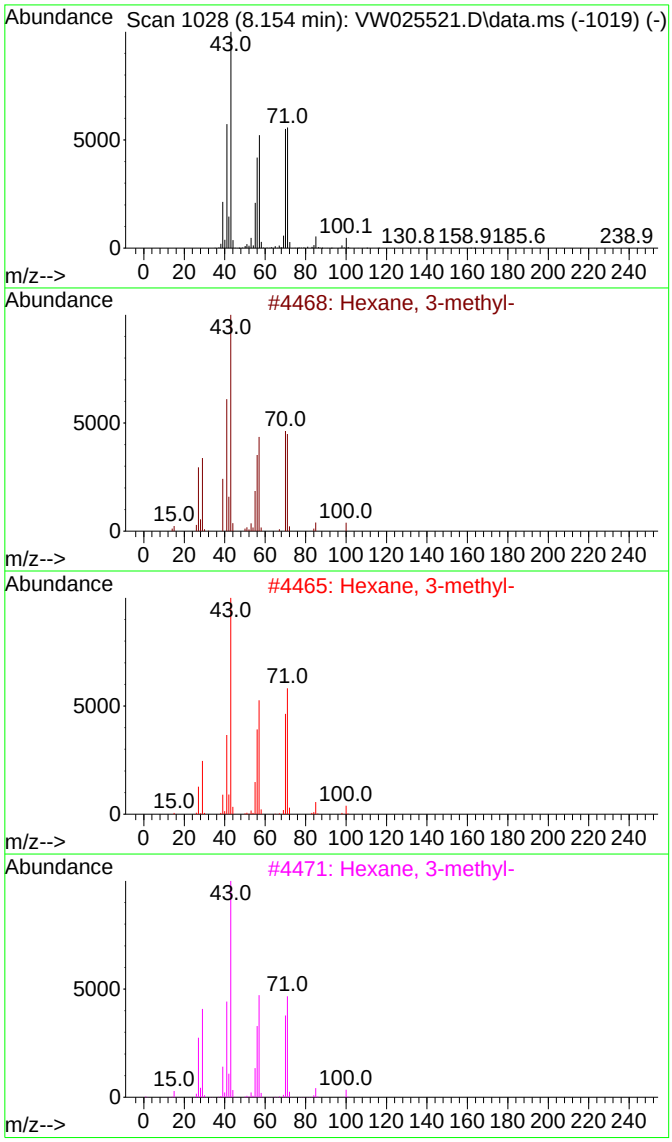
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

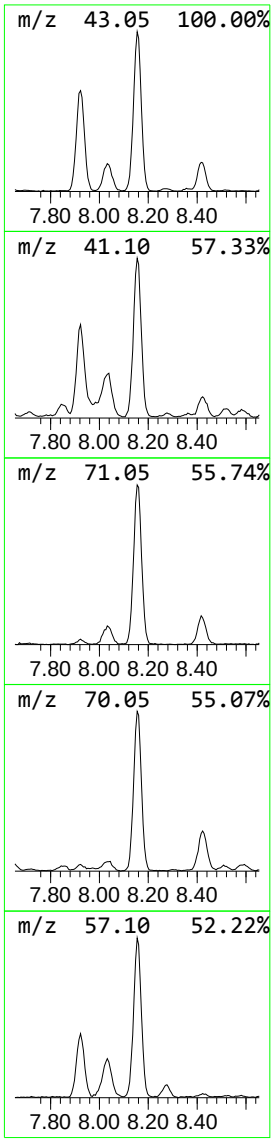
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.154	9.75 ug/L	923331	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	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
4	Heptane	100	C7H16	000142-82-5	64
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025521.D
Acq On : 31 Mar 2023 10:39
Operator : SY/MD
Sample : 02130-11RE
Misc : 5.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

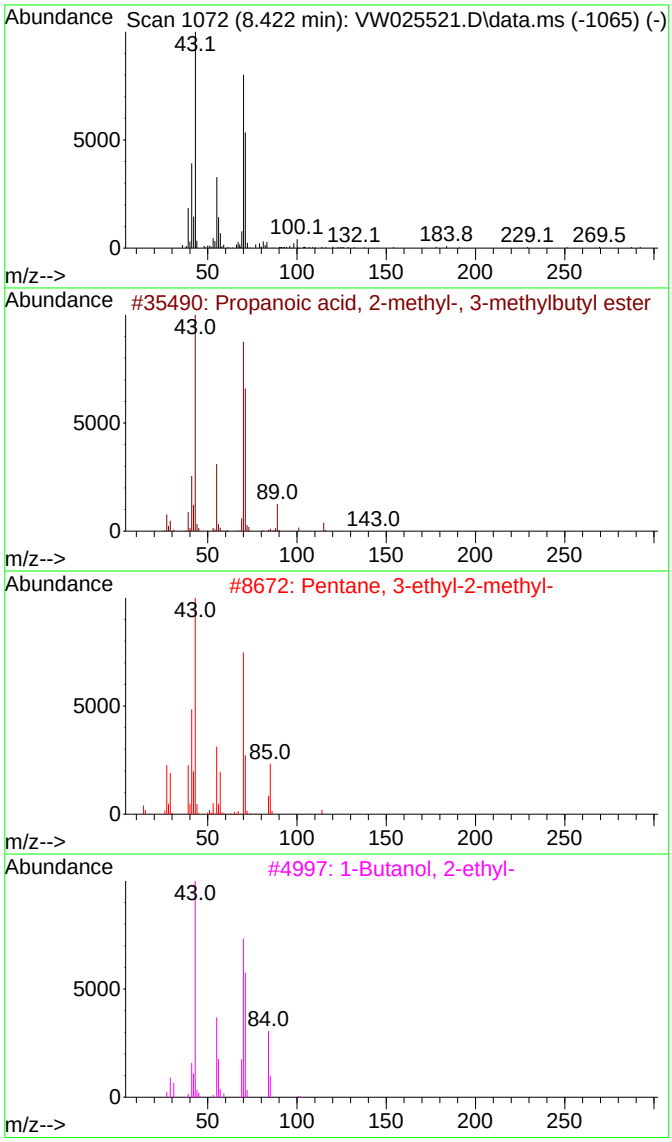
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

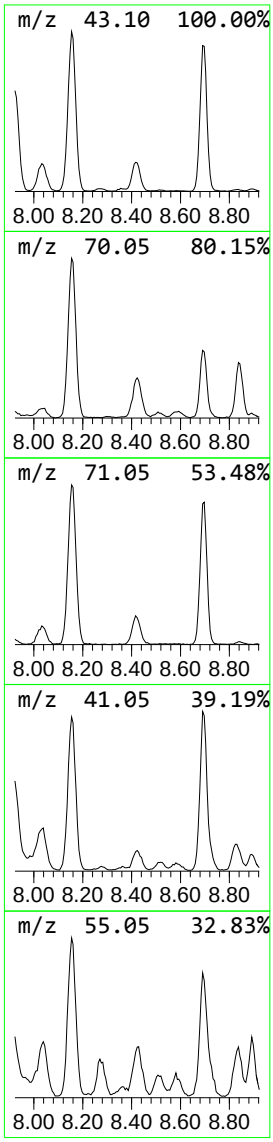
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Propanoic acid, 2-methyl-, ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.422	1.74 ug/L	165173	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	72
2	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	59
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	56
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	56
5	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025521.D
Acq On : 31 Mar 2023 10:39
Operator : SY/MD
Sample : 02130-11RE
Misc : 5.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

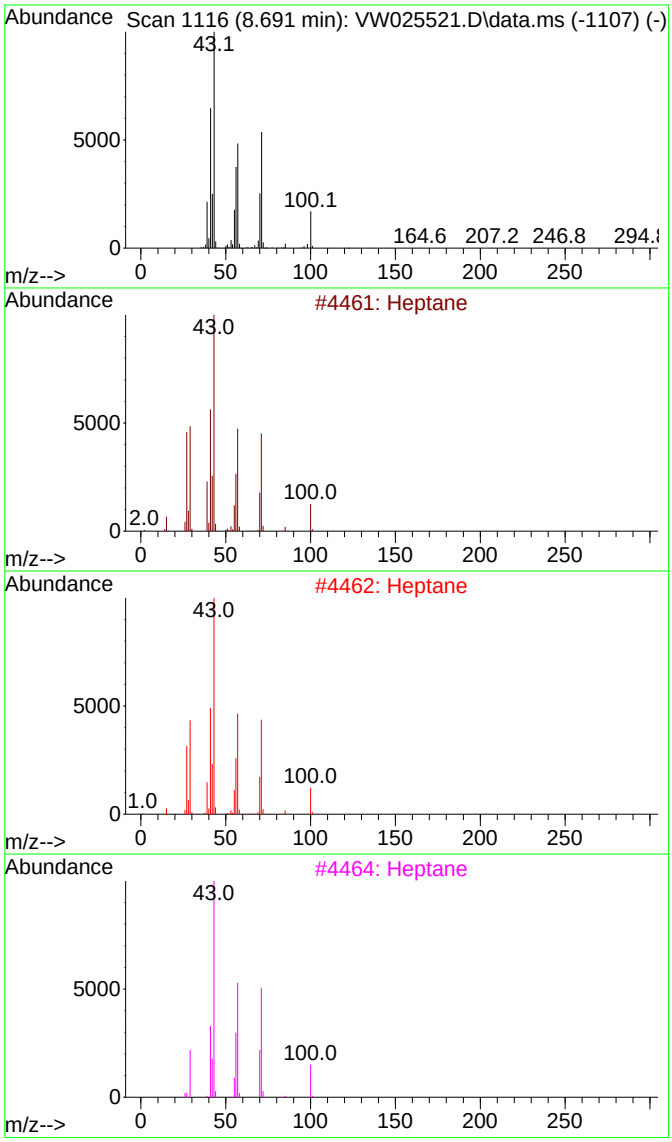
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

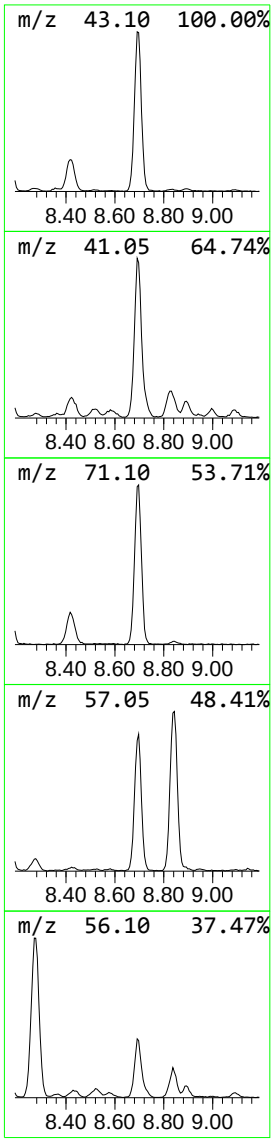
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.691	8.16 ug/L	772599	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	91
3	Heptane	100	C7H16	000142-82-5	80
4	Heptane	100	C7H16	000142-82-5	78
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025521.D
Acq On : 31 Mar 2023 10:39
Operator : SY/MD
Sample : 02130-11RE
Misc : 5.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

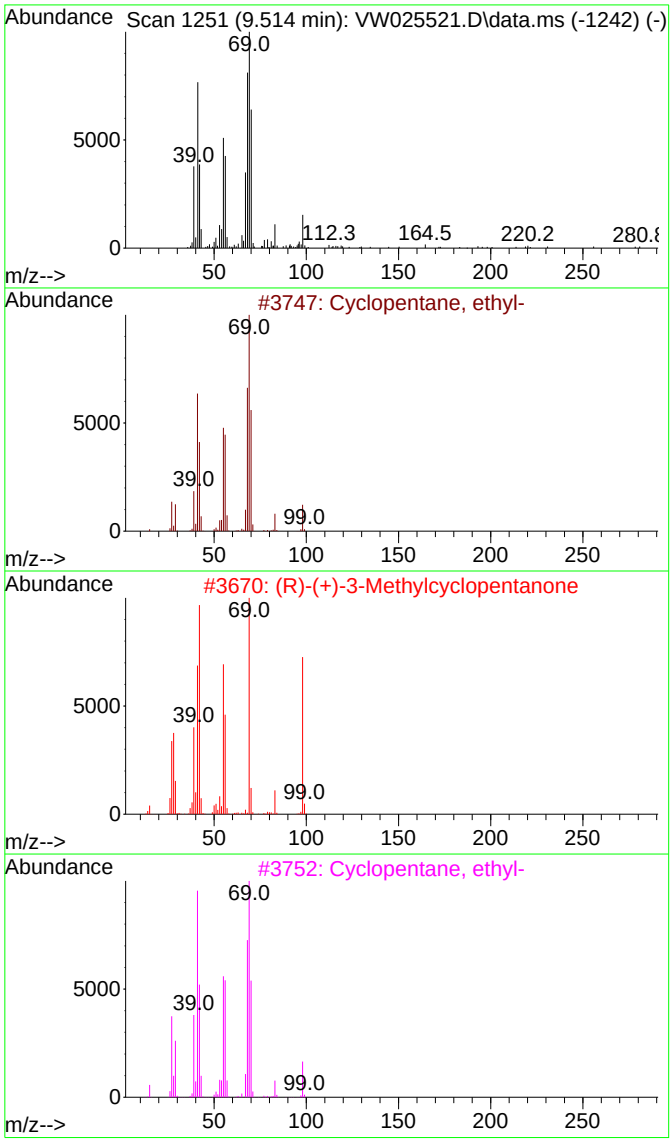
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

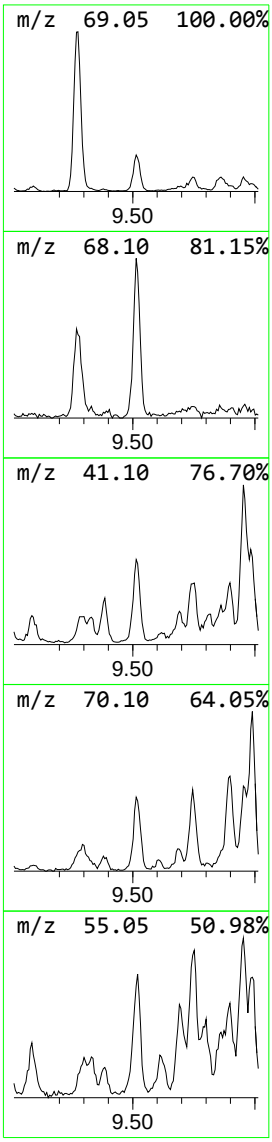
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic9.514 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.514	1.41 ug/L	133470	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	91
2	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	46
3	Cyclopentane, ethyl-	98	C7H14	001640-89-7	45
4	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	38
5	Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025521.D
Acq On : 31 Mar 2023 10:39
Operator : SY/MD
Sample : 02130-11RE
Misc : 5.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

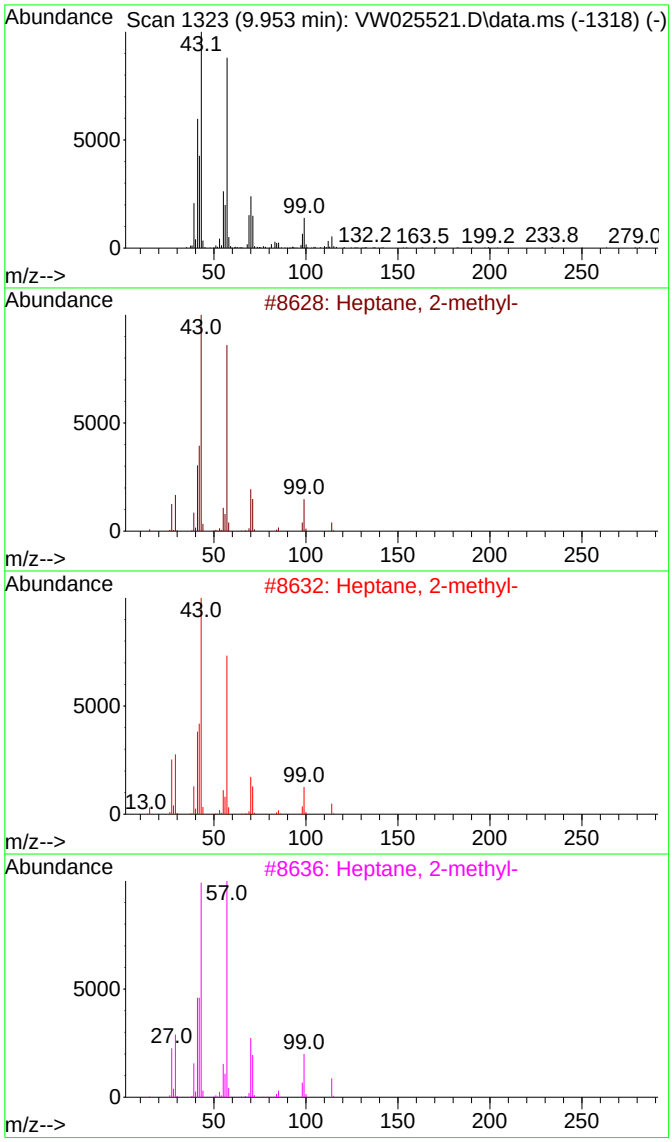
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

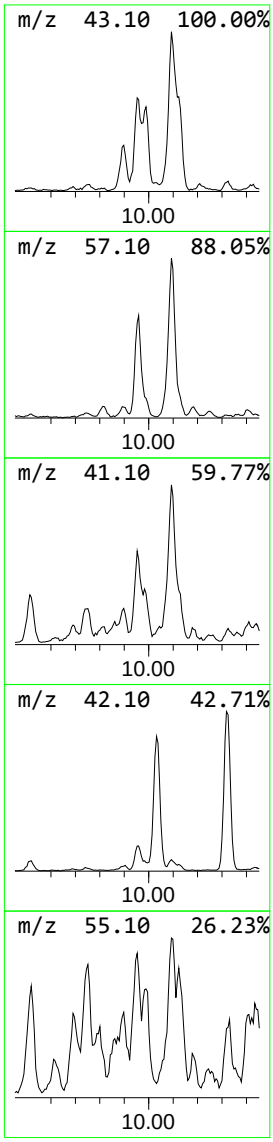
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.953	2.10 ug/L	199316	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	76
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
5	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025521.D
Acq On : 31 Mar 2023 10:39
Operator : SY/MD
Sample : 02130-11RE
Misc : 5.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

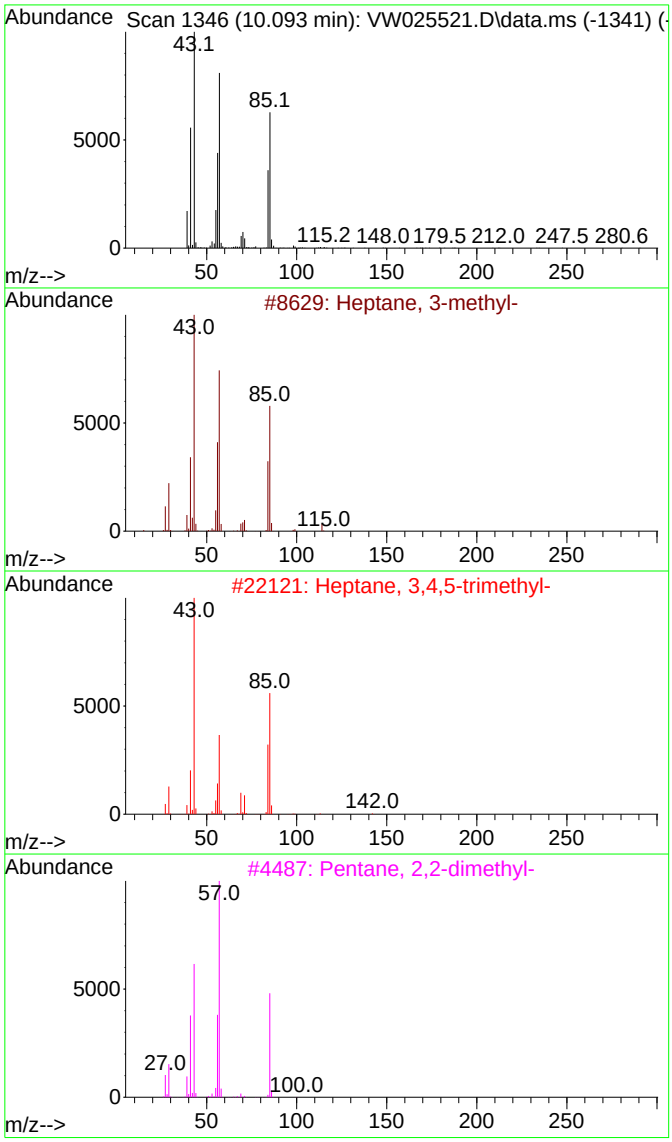
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

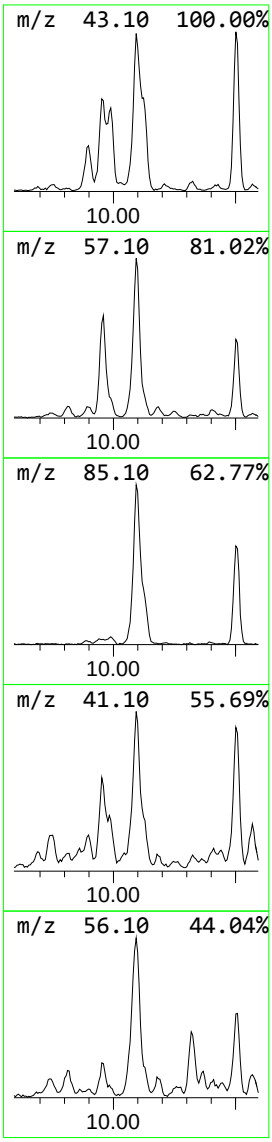
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	5.44 ug/L	515653	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	56
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025521.D
Acq On : 31 Mar 2023 10:39
Operator : SY/MD
Sample : 02130-11RE
Misc : 5.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

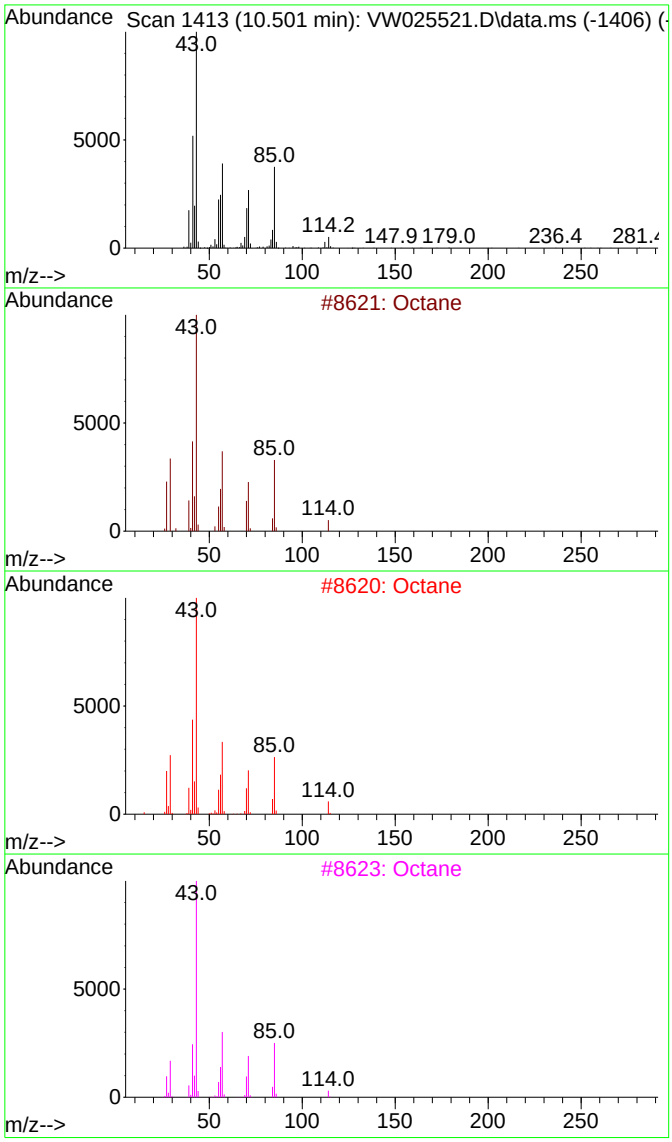
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

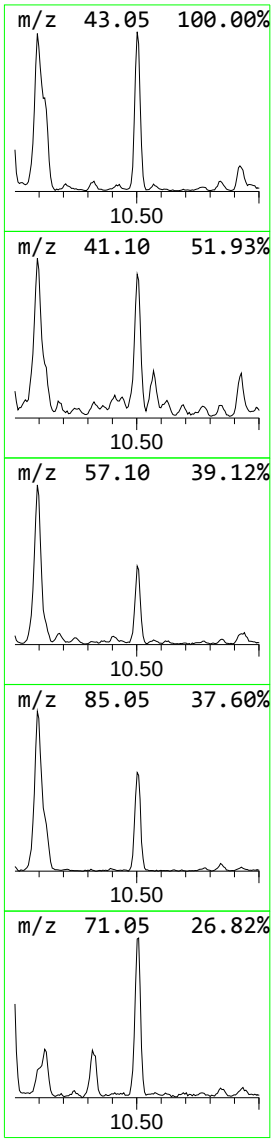
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.501	4.56 ug/L	322804	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	94
2	Octane	114	C8H18	000111-65-9	86
3	Octane	114	C8H18	000111-65-9	72
4	Octane	114	C8H18	000111-65-9	64
5	Octane	114	C8H18	000111-65-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025521.D
Acq On : 31 Mar 2023 10:39
Operator : SY/MD
Sample : 02130-11RE
Misc : 5.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

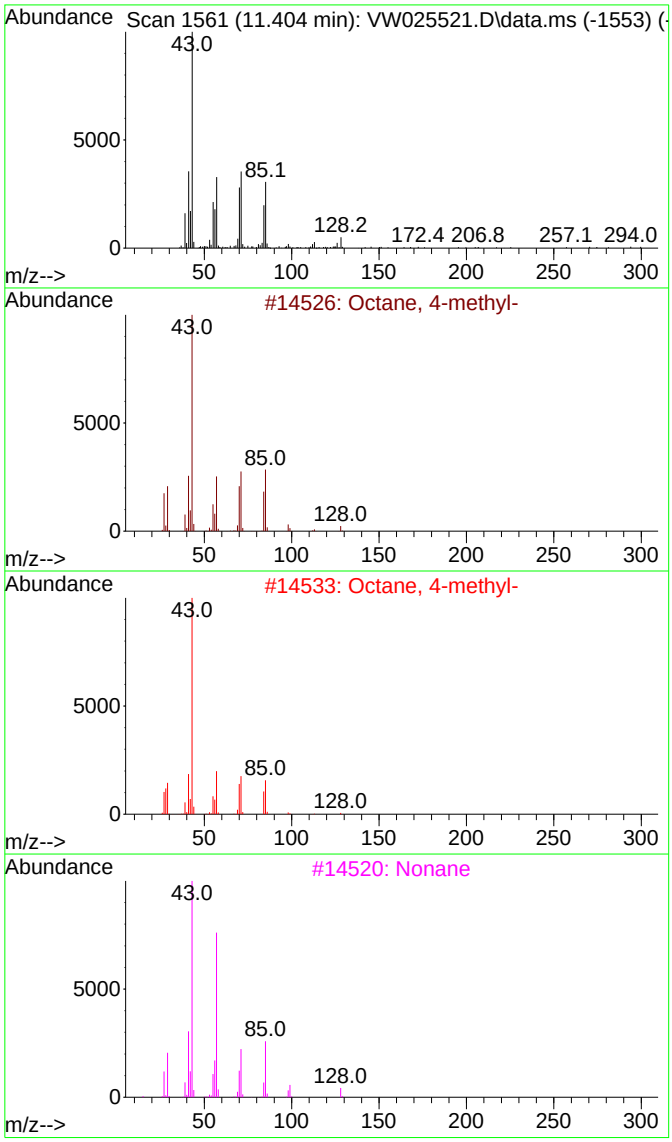
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

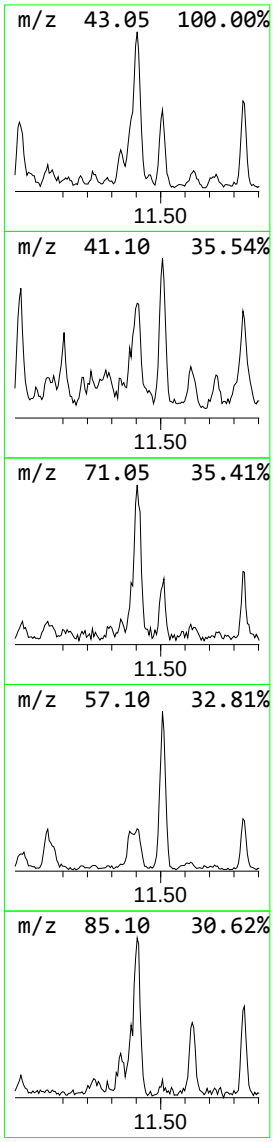
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.404	2.47 ug/L	174482	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	72
3	Nonane	128	C9H20	000111-84-2	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025521.D
Acq On : 31 Mar 2023 10:39
Operator : SY/MD
Sample : 02130-11RE
Misc : 5.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

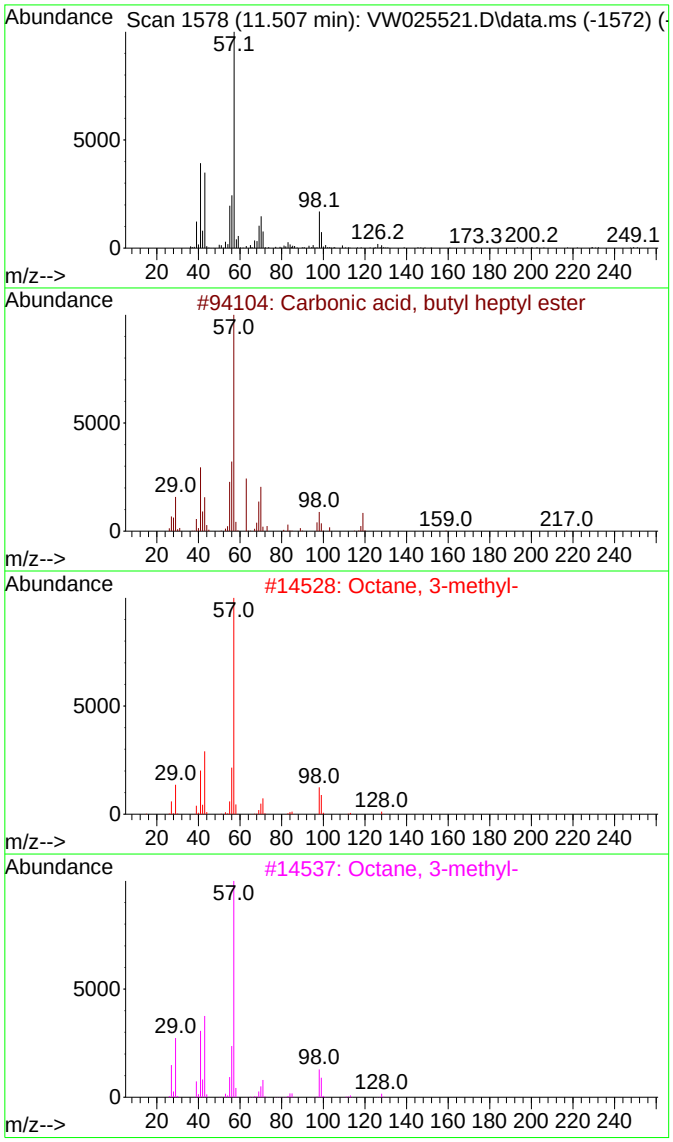
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

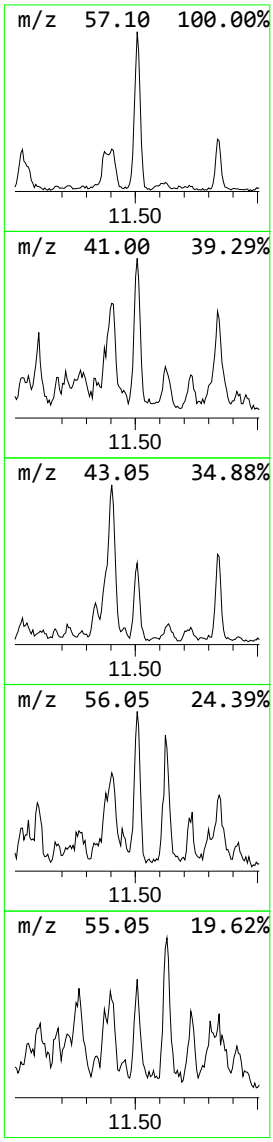
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Carbonic acid, butyl heptyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.507	1.68 ug/L	119121	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, butyl heptyl ester	216	C12H24O3	1000314-63-4	59
2	Octane, 3-methyl-	128	C9H20	002216-33-3	58
3	Octane, 3-methyl-	128	C9H20	002216-33-3	58
4	Heptane, 4-propyl-	142	C10H22	003178-29-8	53
5	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025521.D
Acq On : 31 Mar 2023 10:39
Operator : SY/MD
Sample : 02130-11RE
Misc : 5.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

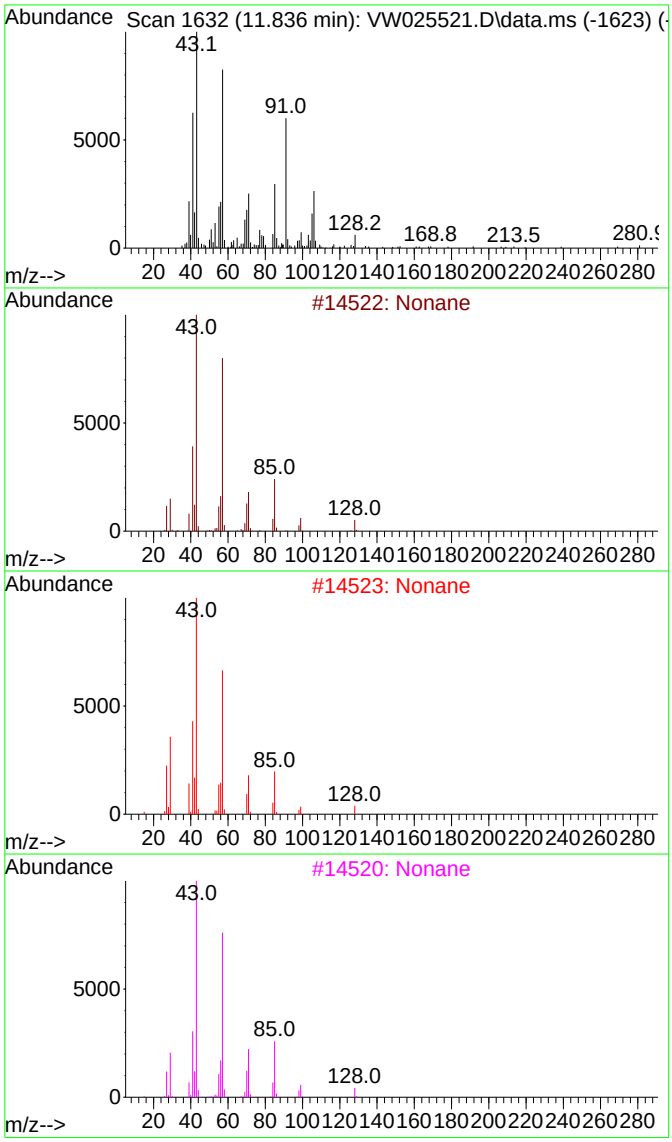
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

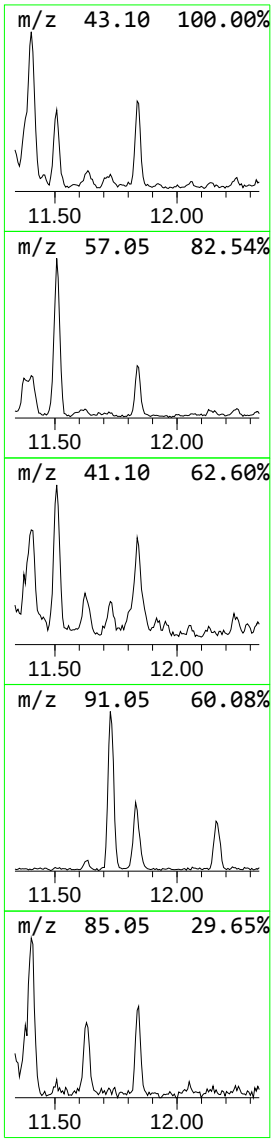
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.836	1.72 ug/L	121650	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	70
2	Nonane	128	C9H20	000111-84-2	70
3	Nonane	128	C9H20	000111-84-2	70
4	Nonane	128	C9H20	000111-84-2	70
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025521.D
Acq On : 31 Mar 2023 10:39
Operator : SY/MD
Sample : 02130-11RE
Misc : 5.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

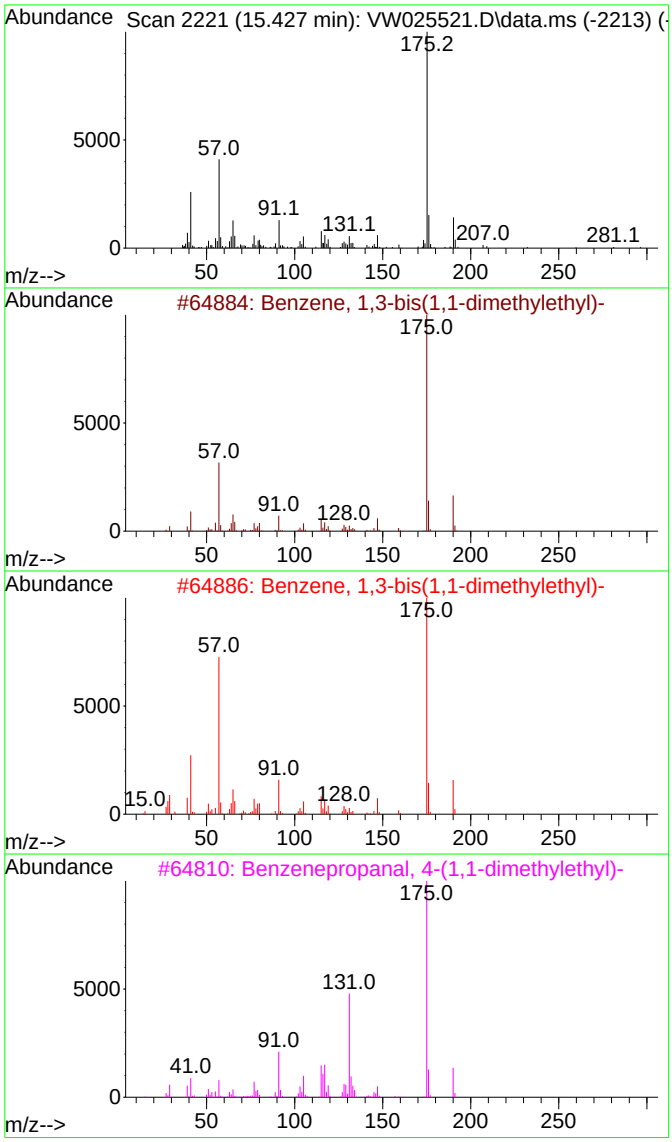
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

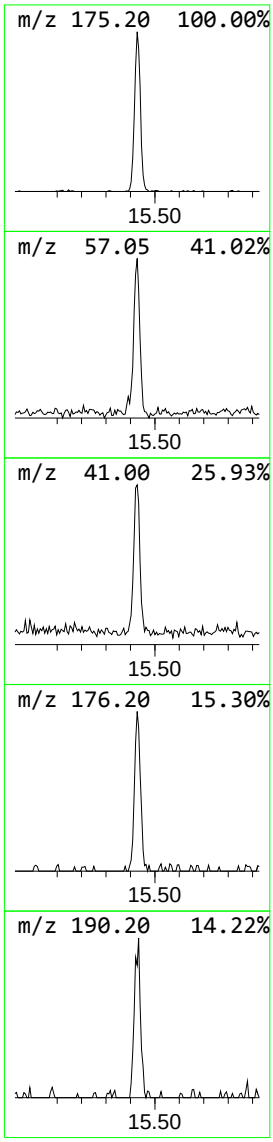
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	3.23 ug/L	85991	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	94
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	93
3	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	90
4	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	90
5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025521.D
Acq On : 31 Mar 2023 10:39
Operator : SY/MD
Sample : 02130-11RE
Misc : 5.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.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	6.0	ug/L	563859	1	8.843	2368050	25.0
(DEL) Alkane: S...	3.393	11.9	ug/L	1122650	1	8.843	2368050	25.0
(DEL) Alkane: S...	5.441	7.8	ug/L	739497	1	8.843	2368050	25.0
(DEL) Alkane: S...	5.941	12.7	ug/L	1205900	1	8.843	2368050	25.0
(DEL) Alkane: S...	7.923	5.3	ug/L	500866	1	8.843	2368050	25.0
(DEL) Alkane: S...	8.032	2.9	ug/L	277093	1	8.843	2368050	25.0
(DEL) Alkane: S...	8.154	9.8	ug/L	923331	1	8.843	2368050	25.0
Propanoic acid,...	8.422	1.7	ug/L	165173	1	8.843	2368050	25.0
(DEL) Alkane: S...	8.691	8.2	ug/L	772599	1	8.843	2368050	25.0
(DEL) Alkane: C...	9.514	1.4	ug/L	133470	1	8.843	2368050	25.0
(DEL) Alkane: S...	9.953	2.1	ug/L	199316	1	8.843	2368050	25.0
(DEL) Alkane: S...	10.093	5.4	ug/L	515653	1	8.843	2368050	25.0
(DEL) Alkane: S...	10.501	4.6	ug/L	322804	2	11.629	1767970	25.0
(DEL) Alkane: S...	11.404	2.5	ug/L	174482	2	11.629	1767970	25.0
Carbonic acid, ...	11.507	1.7	ug/L	119121	2	11.629	1767970	25.0
(DEL) Alkane: S...	11.836	1.7	ug/L	121650	2	11.629	1767970	25.0
Benzene, 1,3-bi...	15.427	3.2	ug/L	85991	3	13.556	665731	25.0