LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

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: VW025510.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	70	78	90	rVV	138252	333623	2.42%	0.851%
2	2.460	91	94	98	rVB2	7667	10880	0.08%	0.028%
3	2.893	158	165	180	rBV	101620	296067	2.15%	0.755%
4	3.033	181	188	198	rVB2	37231	99680	0.72%	0.254%
5	3.393	239	247	259	rVV	67452	167532	1.21%	0.427%
6	3.594	272	280	286	rVB2	10349	25485	0.18%	0.065%
7	3.856	316	323	331	rBV2	9014	25256	0.18%	0.064%
8	4.021	337	350	363	rBV	250381	815537	5.91%	2.079%
9	4.381	404	409	418	rVB3	11194	31568	0.23%	0.080%
10	4.759	460	471	472	rBV10	5590	9628	0.07%	0.025%
11	4.777	472	474	482	rVB9	5601	11780	0.09%	0.030%
12	4.923	486	498	499	rBV2	52725	120216	0.87%	0.306%
13	5.442	569	583	595	rBV2	59196	213390	1.55%	0.544%
14	5.752	630	634	639	rVV8	5280	12674	0.09%	0.032%
15	5.941	651	665	678	rBV	99028	293699	2.13%	0.749%
16	6.880	807	819	823	rBV2	11306	32012	0.23%	0.082%
17	6.972	828	834	836	rBV7	7583	11735	0.09%	0.030%
18	7.075	842	851	860	rBV2	95549	286995	2.08%	0.732%
19	7.167	860	866	882	rVB2	57188	183731	1.33%	0.468%
20	7.423	901	908	917	rBV2	6802	20657	0.15%	0.053%
21	7.527	920	925	932	rVB6	6869	15907	0.12%	0.041%
22	7.648	932	945	963	rBV	535691	1361896	9.88%	3.472%
23	7.850	971	978	982	rVV2	12673	31376	0.23%	0.080%
24	7.923	982	990	998	rVV	177560	419631	3.04%	1.070%
25	8.033	1000	1008	1018	rVV2	78703	219579	1.59%	0.560%
26	8.154	1018	1028	1038	rVV	351636	792444	5.75%	2.020%
27	8.276	1038	1048	1064	rVV2	1013187	2969740	21.53%	7.571%
28	8.423	1065	1072	1081	rVB2	57902	142822	1.04%	0.364%
29	8.520	1081	1088	1094	rBV3	14607	36770	0.27%	0.094%
30	8.600	1094	1101	1106	rVB8	12581	33130	0.24%	0.084%
31	8.691	1106	1116	1129	rBV	396554	779745	5.65%	1.988%
32	8.843	1132	1141	1152	rBV	821282	1717494	12.45%	4.379%
33	8.947	1154	1158	1163	rVV5	17313	35429	0.26%	0.090%
34	8.990	1163	1165	1172	rVB7	8909	16088	0.12%	0.041%
35	9.093	1172	1182	1192	rBV2	91244	191054	1.39%	0.487%
36	9.270	1203	1211	1219	rBV	738361	1529921	11.09%	3.900%

LSC Area Percent Report

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Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

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	9.380	1224	1229	1237	rVB	50315	102772	0.75%	0.262%
38	9.514	1241	1251	1258	rBV5	32677	85400	0.62%	0.218%
39	9.612	1263	1267	1273	rVB6	6635	10358	0.08%	0.026%
40	9.691	1273	1280	1284	rBV2	66321	139900	1.01%	0.357%
41	9.746	1284	1289	1295	rVB2	106251	199172	1.44%	0.508%
42	9.813	1295	1300	1304	rBV2	41544	67343	0.49%	0.172%
43	9.898	1304	1314	1318	rBV2	84751	183671	1.33%	0.468%
44	9.953	1318	1323	1327	rBV2	171814	337037	2.44%	0.859%
45	9.989	1327	1329	1332	rVV	112766	146720	1.06%	0.374%
46	10.032	1332	1336	1341	rVV	286634	506114	3.67%	1.290%
47	10.093	1341	1346	1357	rVB	335057	857451	6.22%	2.186%
48	10.185	1357	1361	1367	rVB2	25844	42644	0.31%	0.109%
49	10.258	1367	1373	1377	rBV5	17278	47456	0.34%	0.121%
50	10.325	1377	1384	1393	rBV	1097189	1980967	14.36%	5.050%
51	10.404	1393	1397	1401	rBV5	25877	37886	0.27%	0.097%
52	10.502	1406	1413	1419	rVB	383755	641411	4.65%	1.635%
53	10.575	1419	1425	1431	rBV2	194980	363733	2.64%	0.927%
54	10.624	1431	1433	1438	rVB	37070	43217	0.31%	0.110%
55	10.697	1438	1445	1450	rBV3	34986	84224	0.61%	0.215%
56	10.770	1450	1457	1463	rVB6	46556	124960	0.91%	0.319%
57	10.861	1463	1472	1478	rBV	7833250	13790987	100.00%	35.158%
58	10.922	1478	1482	1490	rVB	283439	481420	3.49%	1.227%
59	11.062	1497	1505	1508	rBV3	45908	102095	0.74%	0.260%
60	11.111	1509	1513	1520	rVB5	31641	77332	0.56%	0.197%
61	11.178	1520	1524	1527	rBV2	53063	85138	0.62%	0.217%
62	11.221	1527	1531	1533	rBV4	22862	34880	0.25%	0.089%
63	11.337	1546	1550	1553	rBV3	47366	76257	0.55%	0.194%
64	11.404	1553	1561	1566	rVV3	110015	300023	2.18%	0.765%
65	11.453	1566	1569	1573	rVB2	39982	59273	0.43%	0.151%
66	11.508	1573	1578	1585	rBV	144442	237252	1.72%	0.605%
67	11.629	1592	1598	1607	rVB	815611	1390825	10.09%	3.546%
68	11.733	1608	1615	1619	rBV2	92986	178879	1.30%	0.456%
69	11.837	1620	1632	1642	rVB2	116857	290922	2.11%	0.742%
70	11.922	1642	1646	1649	rBV3	23671	33626	0.24%	0.086%
71	12.007	1657	1660	1664	rBV5	9176	15934	0.12%	0.041%
72	12.050	1664	1667	1676	rVB7	21656	37359	0.27%	0.095%
73	12.239	1692	1698	1703	rBV5	37332	77142	0.56%	0.197%
74	12.294	1703	1707	1710	rBV6	9650	17631	0.13%	0.045%
75	12.331	1710	1713	1716	rBV3	18680	25086	0.18%	0.064%
76	12.373	1716	1720	1725	rVB4	31986	57015	0.41%	0.145%

LSC Area Percent Report

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Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

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	12.440	1725	1731	1735	rBV4	26369	62627	0.45%	0.160%
78	12.507	1736	1742	1744	rBV6	23203	48205	0.35%	0.123%
79	12.605	1754	1758	1762	rBV2	32011	49508	0.36%	0.126%
80	12.690	1767	1772	1785	rVB	452081	791880	5.74%	2.019%
81	12.830	1787	1795	1799	rBV5	26247	45616	0.33%	0.116%
82	12.928	1806	1811	1818	rVV3	37282	67616	0.49%	0.172%
83	12.995	1819	1822	1832	rVB8	11917	31135	0.23%	0.079%
84	13.117	1837	1842	1850	rVB5	33430	69578	0.50%	0.177%
85	13.513	1904	1907	1909	rBV4	12376	16167	0.12%	0.041%
86	13.556	1909	1914	1921	rVV	270673	436429	3.16%	1.113%
87	13.641	1925	1928	1936	rVB2	24369	45584	0.33%	0.116%
88	13.745	1942	1945	1949	rBV5	7520	12446	0.09%	0.032%
89	13.849	1955	1962	1972	rVB	307106	529403	3.84%	1.350%
90	14.062	1993	1997	2007	rVB	34385	64862	0.47%	0.165%
91	14.196	2014	2019	2025	rVB9	14148	25489	0.18%	0.065%
92	14.318	2034	2039	2043	rVV7	11986	28018	0.20%	0.071%
93	14.385	2046	2050	2051	rVV4	8565	12972	0.09%	0.033%
94	14.416	2051	2055	2061	rVB2	28440	47321	0.34%	0.121%
95	14.489	2064	2067	2071	rVB5	6372	9235	0.07%	0.024%
96	14.720	2096	2105	2108	rBV5	9451	24189	0.18%	0.062%
97	15.318	2199	2203	2209	rBV8	6035	13098	0.09%	0.033%
98	15.428	2212	2221	2226	rBV	44897	89808	0.65%	0.229%
99	15.482	2226	2230	2236	rVB	12013	23693	0.17%	0.060%
100	15.787	2277	2280	2285	rVB7	7616	13627	0.10%	0.035%

Sum of corrected areas: 39225189

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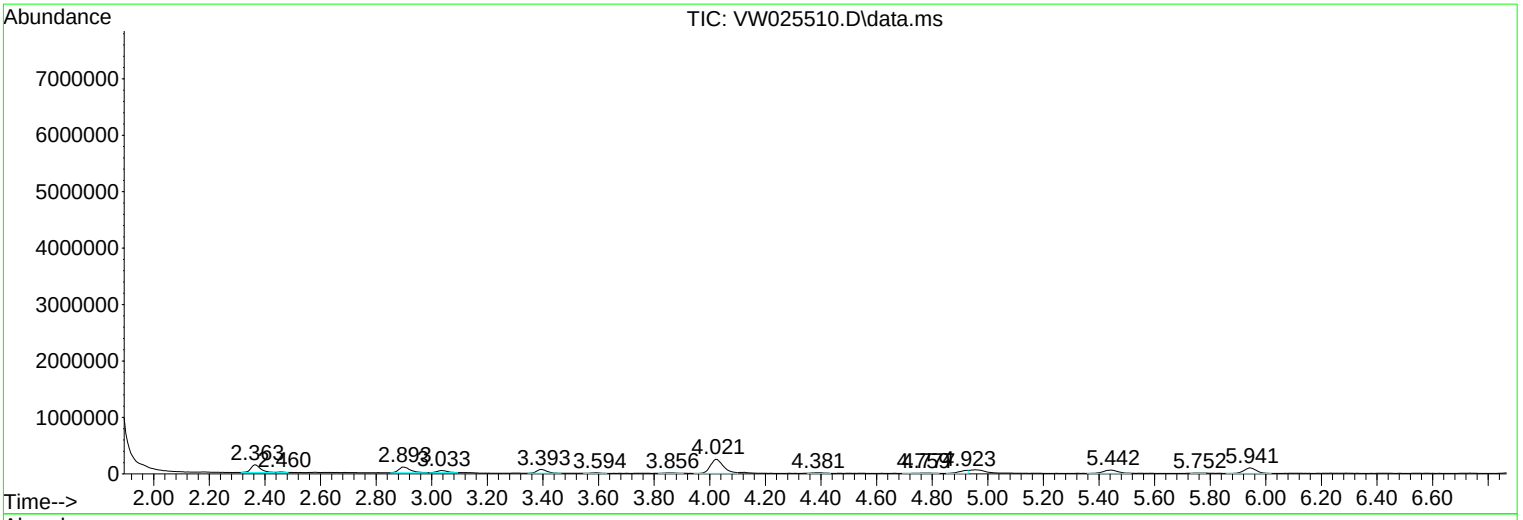
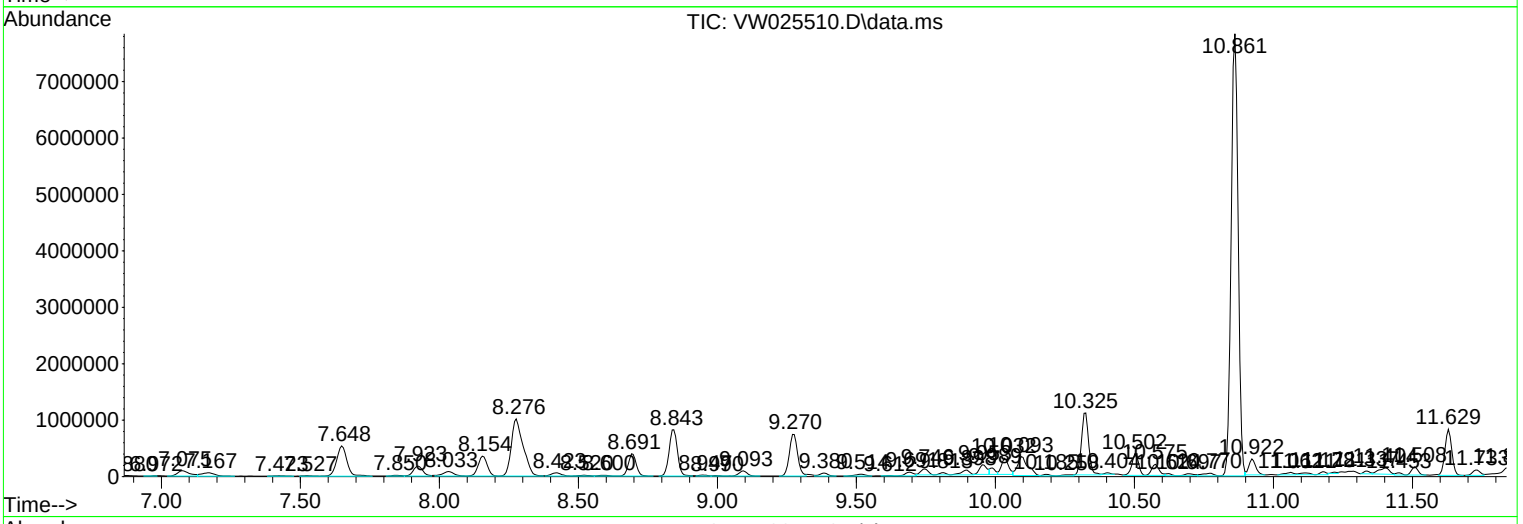
ALS Vial : 1 Sample Multiplier: 1

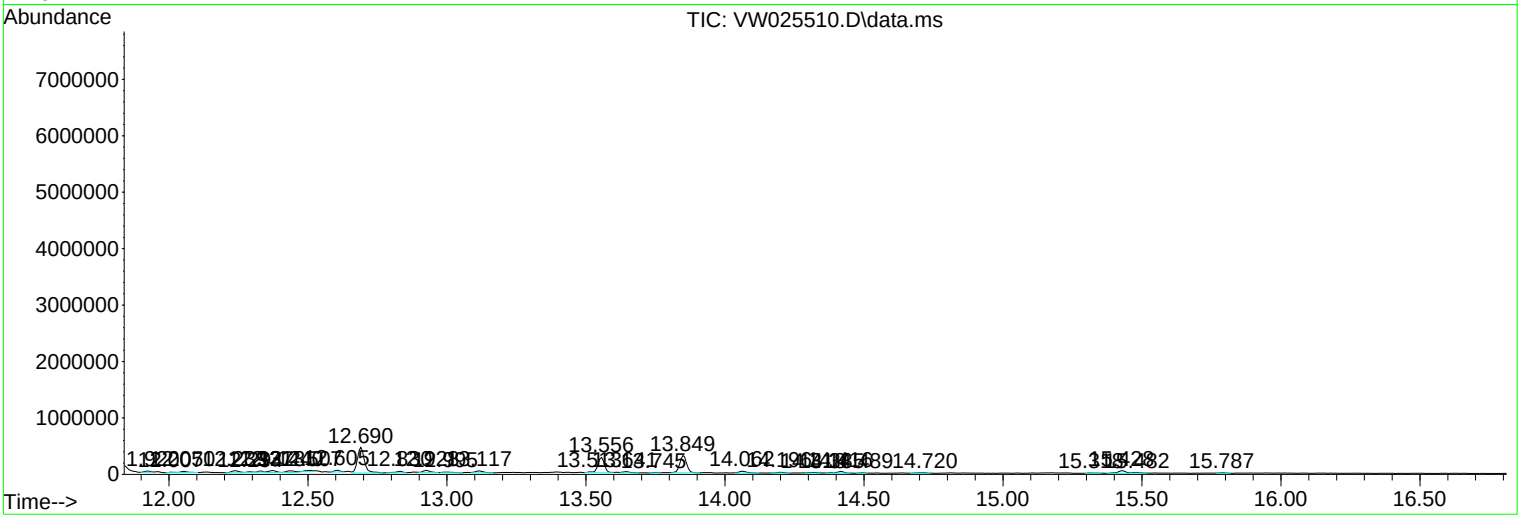
Instrument :
MSVOA_W
ClientSampleId :
C11B5

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

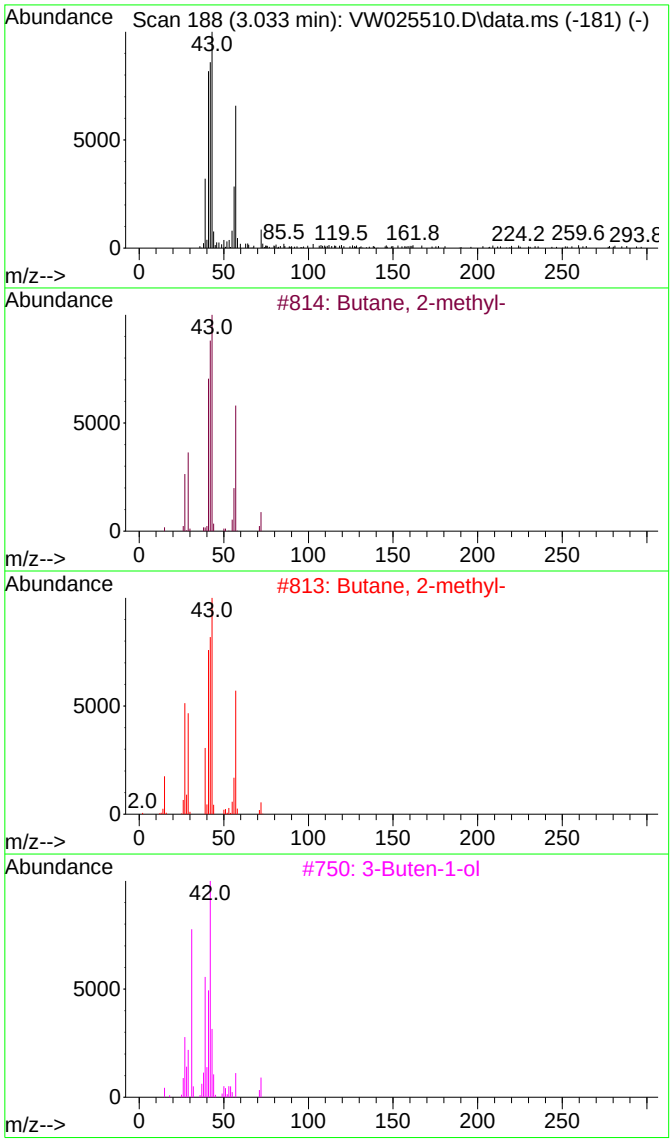
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

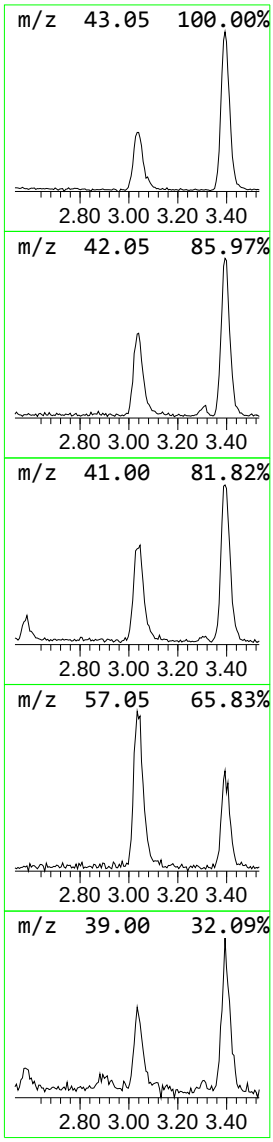
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.033	1.45 ug/L	99680	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	80
2	Butane, 2-methyl-	72	C5H12	000078-78-4	72
3	3-Buten-1-ol	72	C4H8O	000627-27-0	53
4	Oxirane, trimethyl-	86	C5H10O	005076-19-7	50
5	3-Buten-1-ol	72	C4H8O	000627-27-0	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
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Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

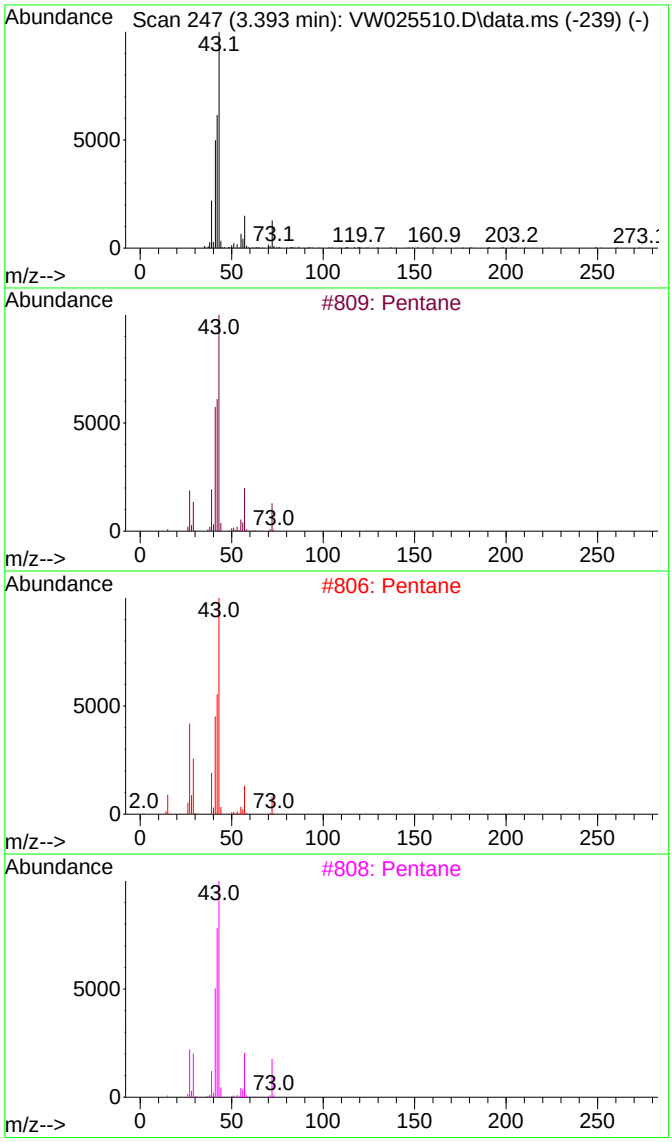
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

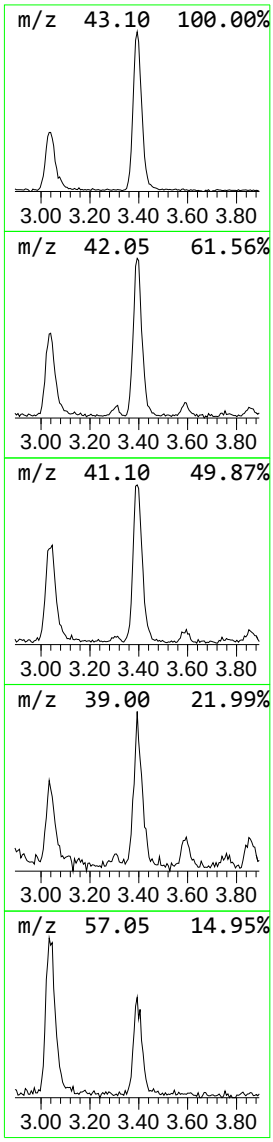
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	2.44 ug/L	167532	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	87
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	80
5	Pentane	72	C5H12	000109-66-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
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Acq On : 30 Mar 2023 18:11
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Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

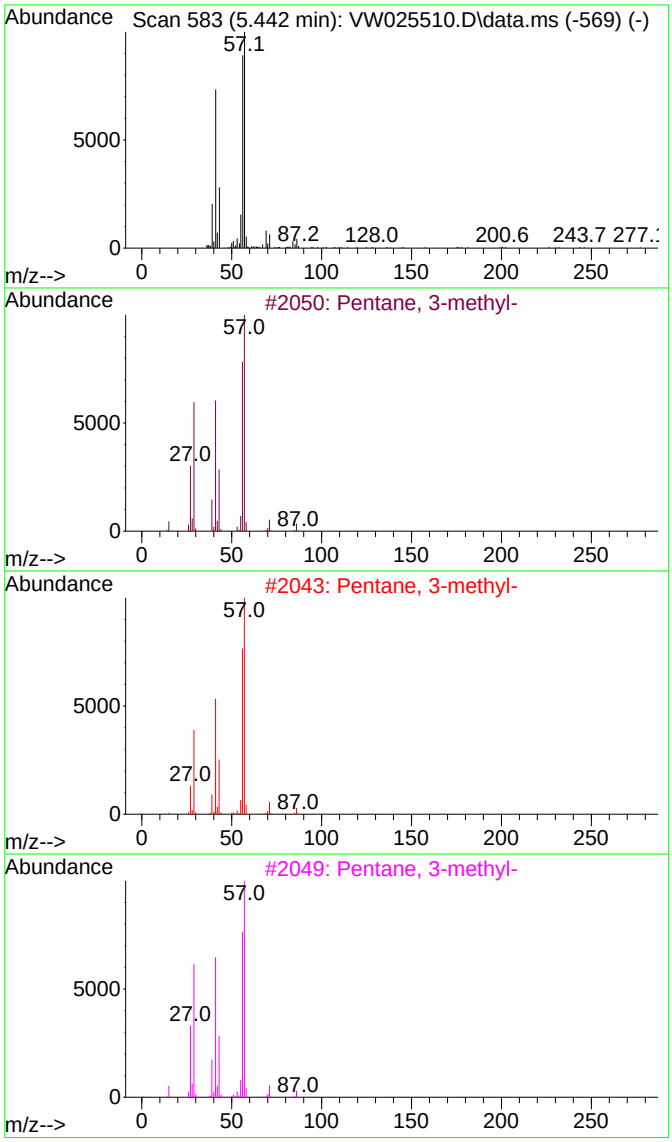
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

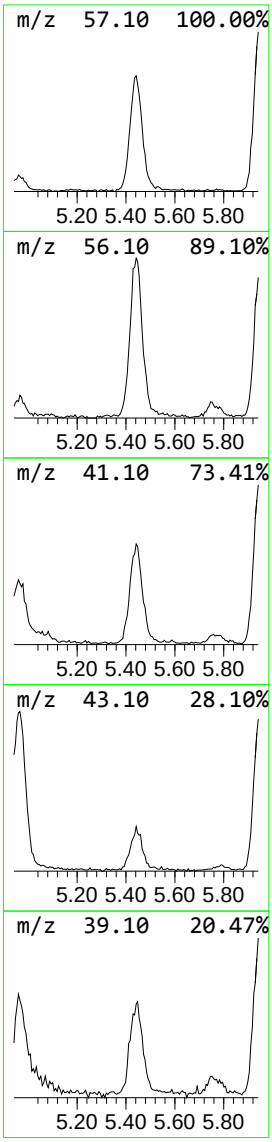
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.442	3.11 ug/L	213390	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	72
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

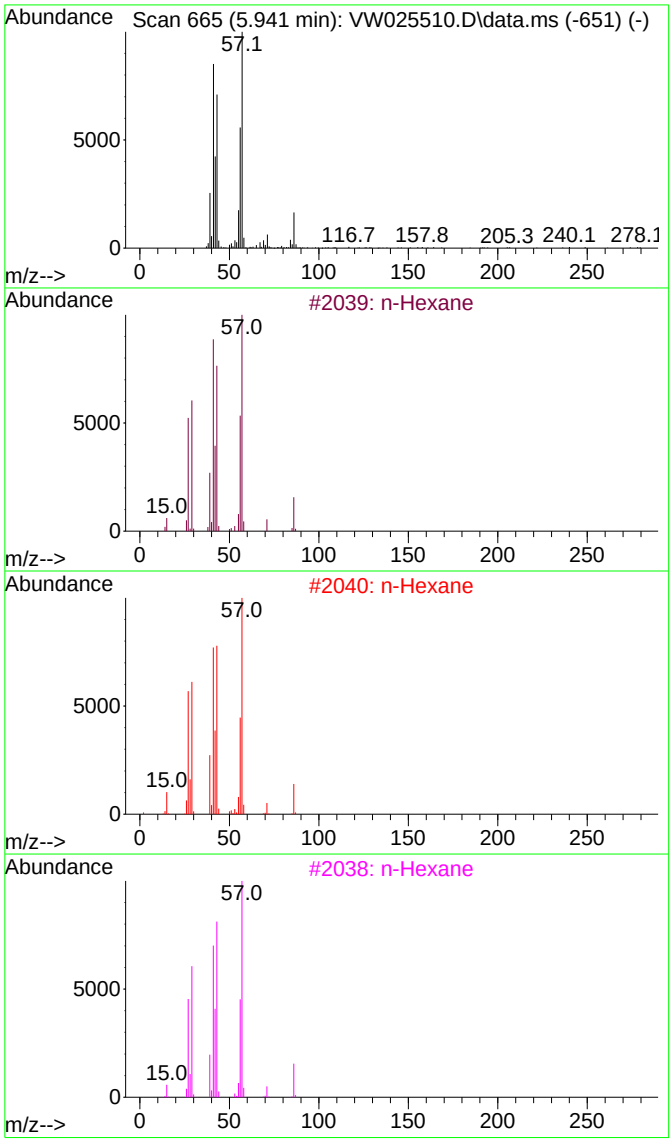
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

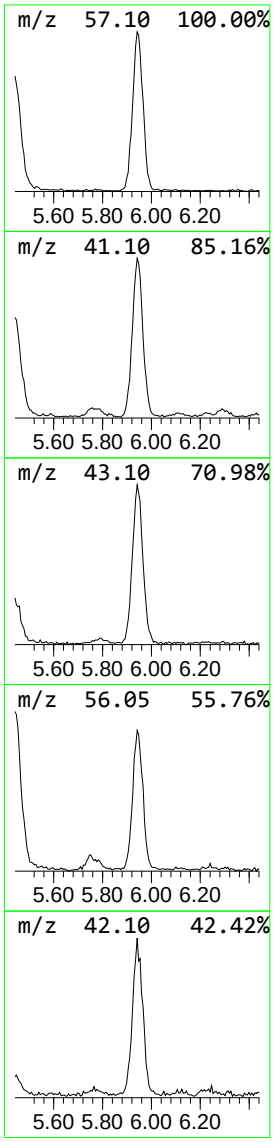
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	4.28 ug/L	293699	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	87
3	n-Hexane	86	C6H14	000110-54-3	86
4	n-Hexane	86	C6H14	000110-54-3	49
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

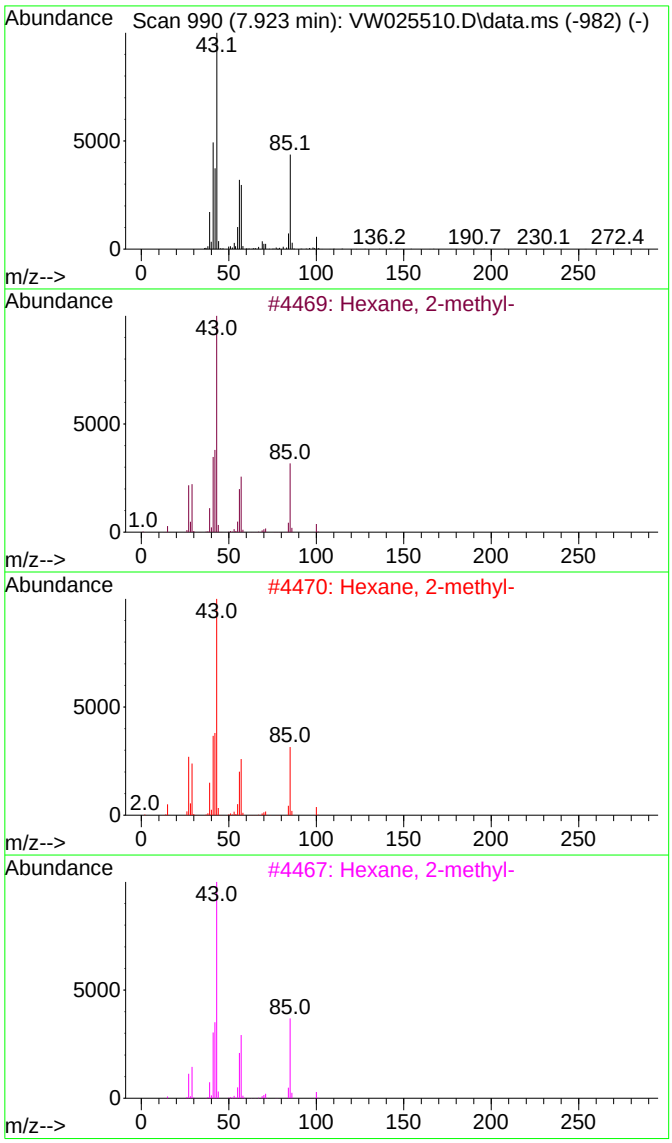
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

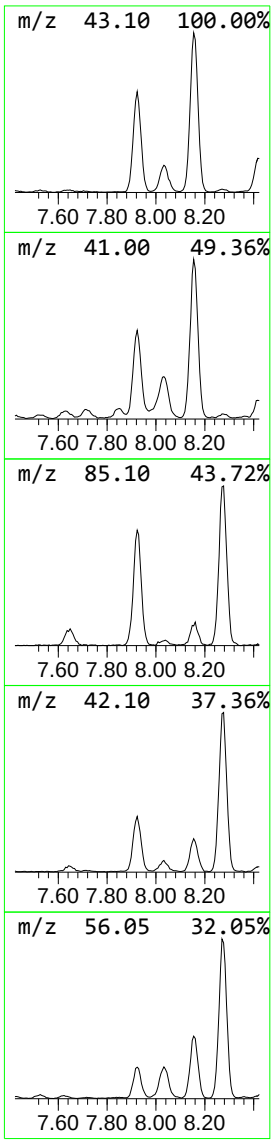
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.923	6.11 ug/L	419631	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	90
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	90
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	90
4	Hexane, 3-bromo-	164	C6H13Br	003377-87-5	53
5	Octane	114	C8H18	000111-65-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

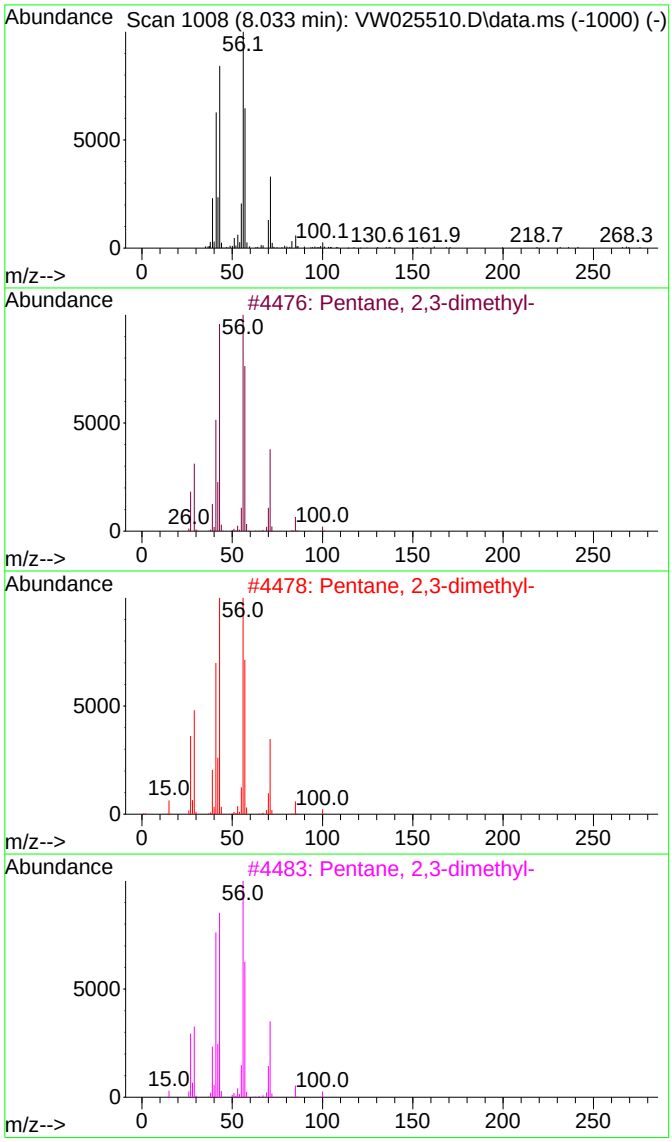
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

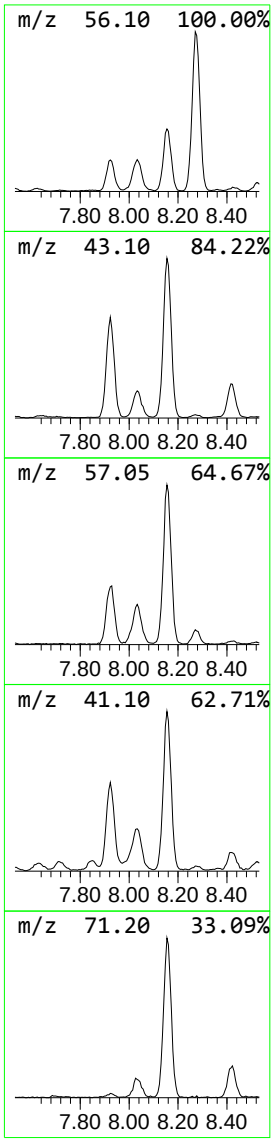
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.033	3.20 ug/L	219579	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
5	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

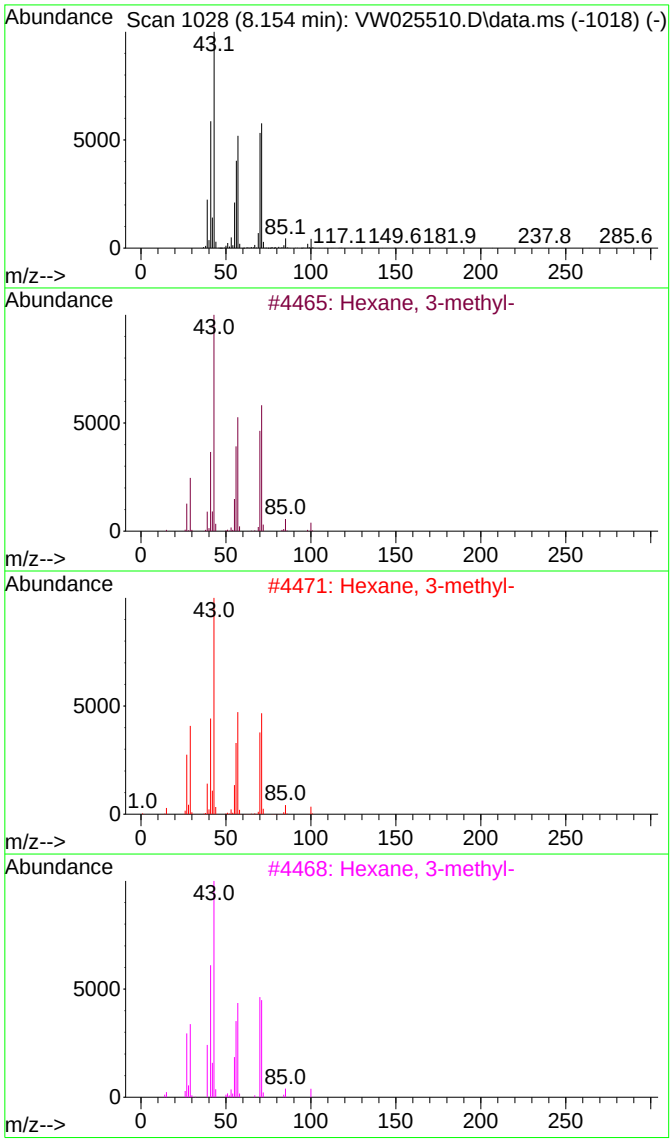
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

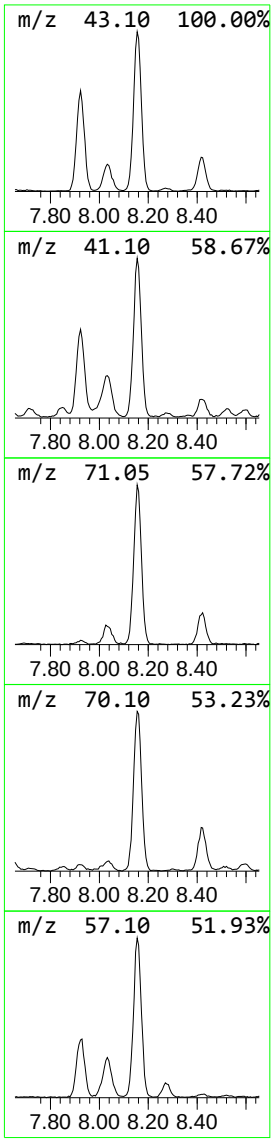
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.154	11.53 ug/L	792444	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	64
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

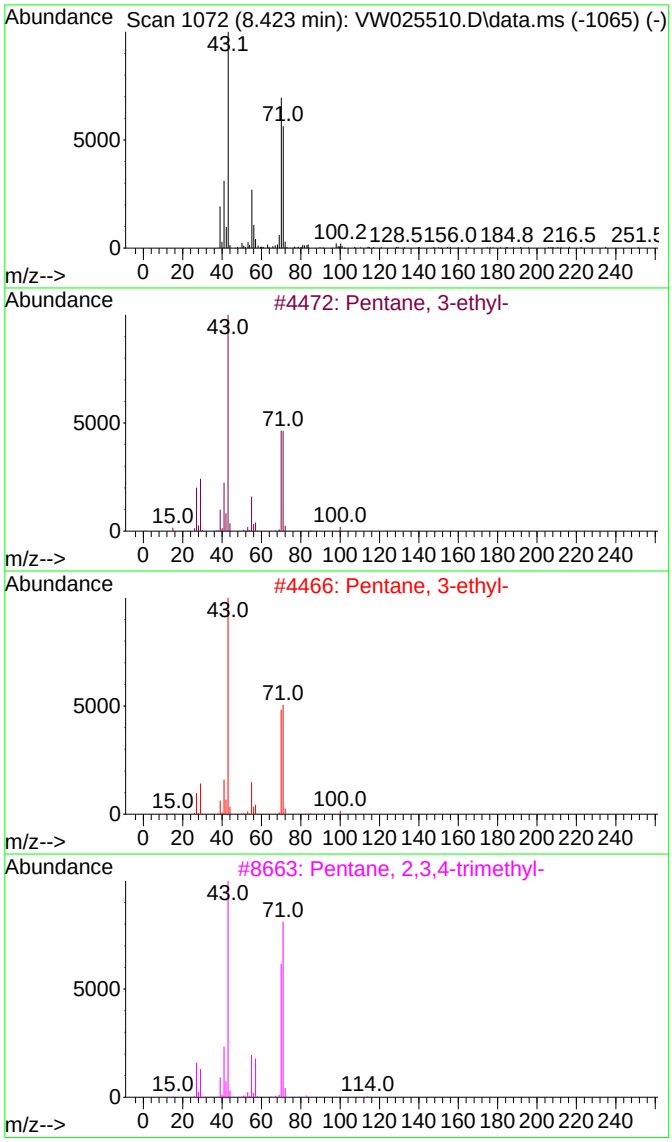
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

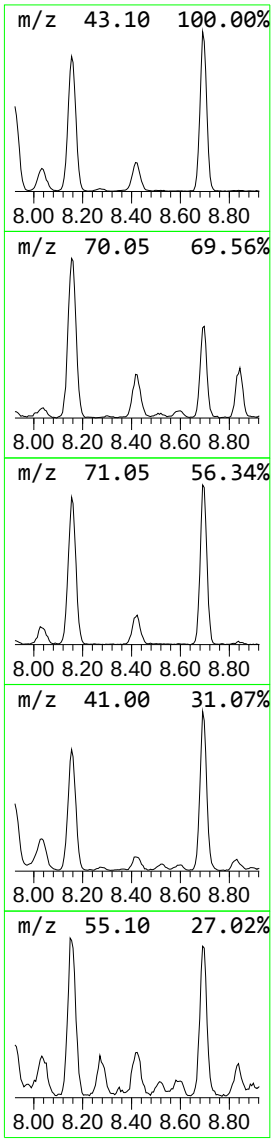
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.423	2.08 ug/L	142822	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-	100	C7H16	000617-78-7	80
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
4	Diisoamyl ether	158	C10H22O	000544-01-4	72
5	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

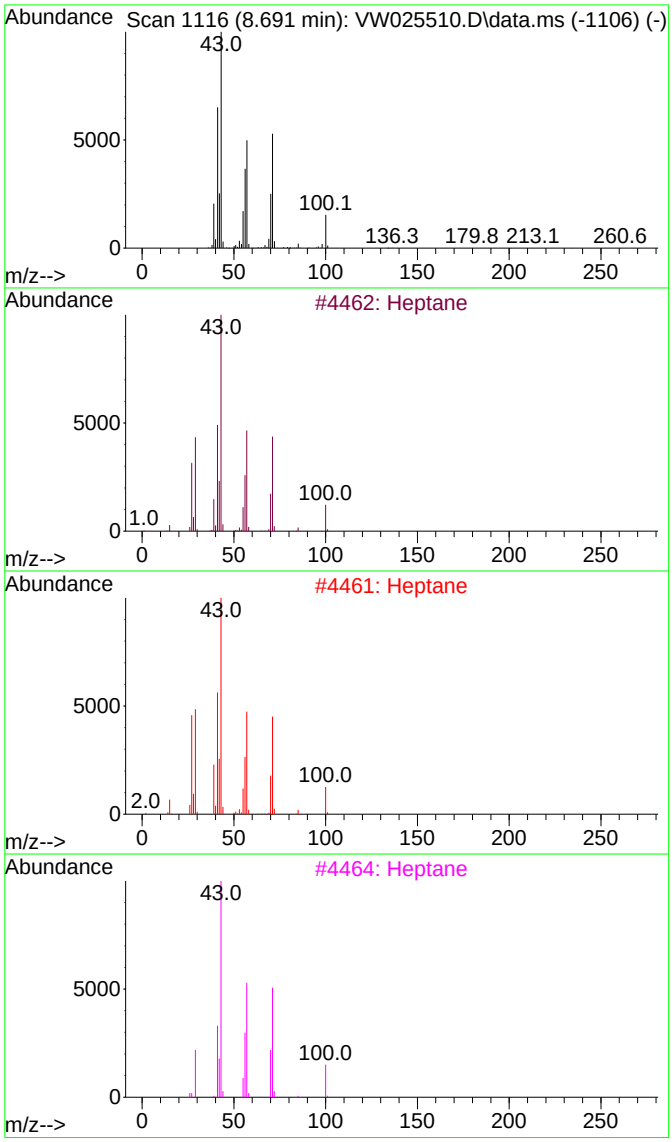
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

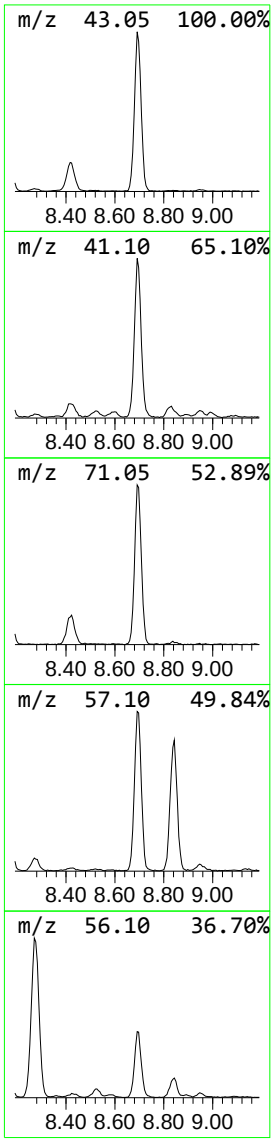
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.691	11.35 ug/L	779745	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	83
4	Heptane	100	C7H16	000142-82-5	64
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

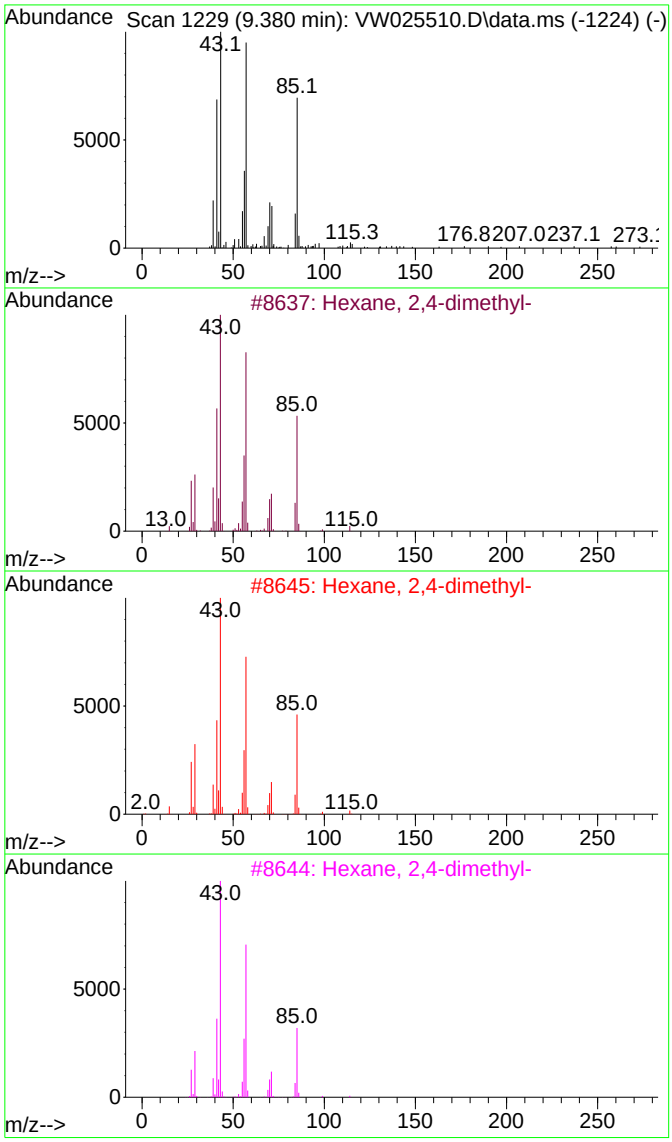
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

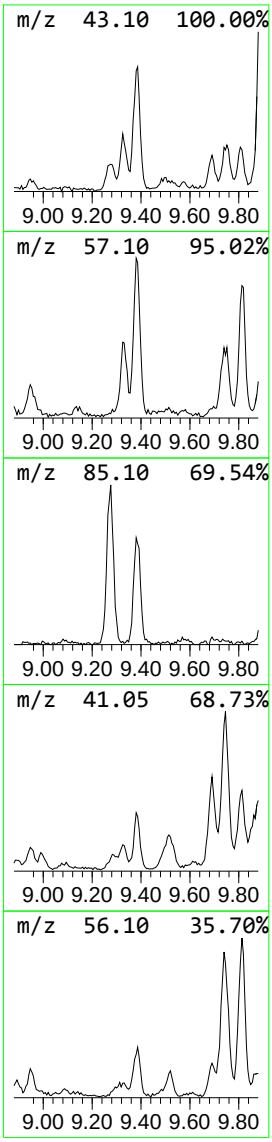
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.380	1.50 ug/L	102772	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	87
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	87
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	87
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

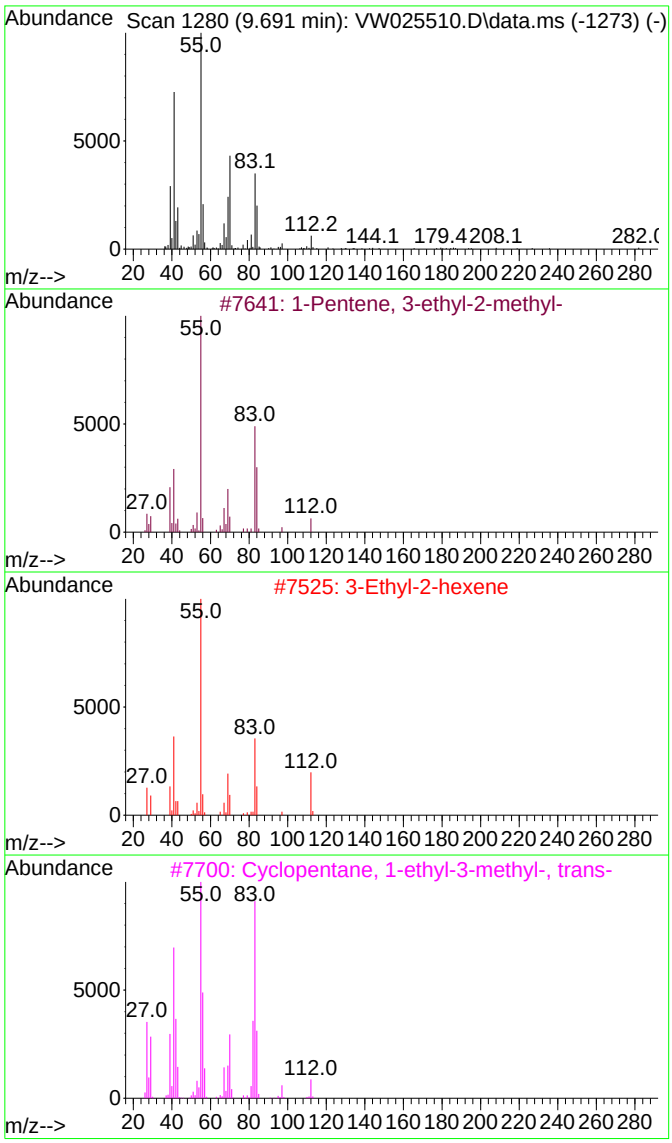
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

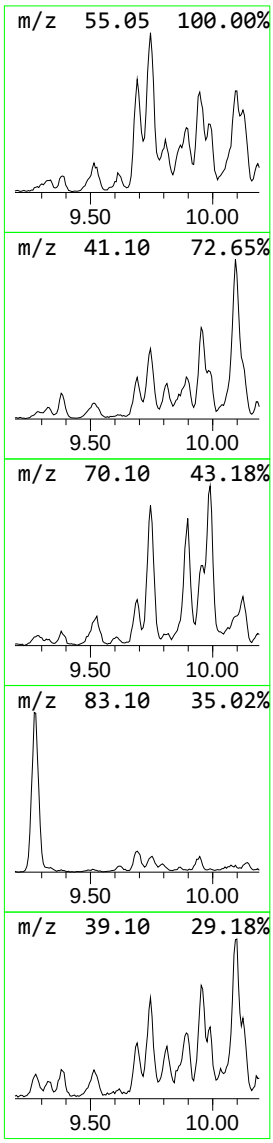
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.691	2.04 ug/L	139900	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	46
2	3-Ethyl-2-hexene	112	C8H16	000620-00-8	46
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	43
4	Hexane, 3-methyl-4-methylene-	112	C8H16	003404-67-9	38
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

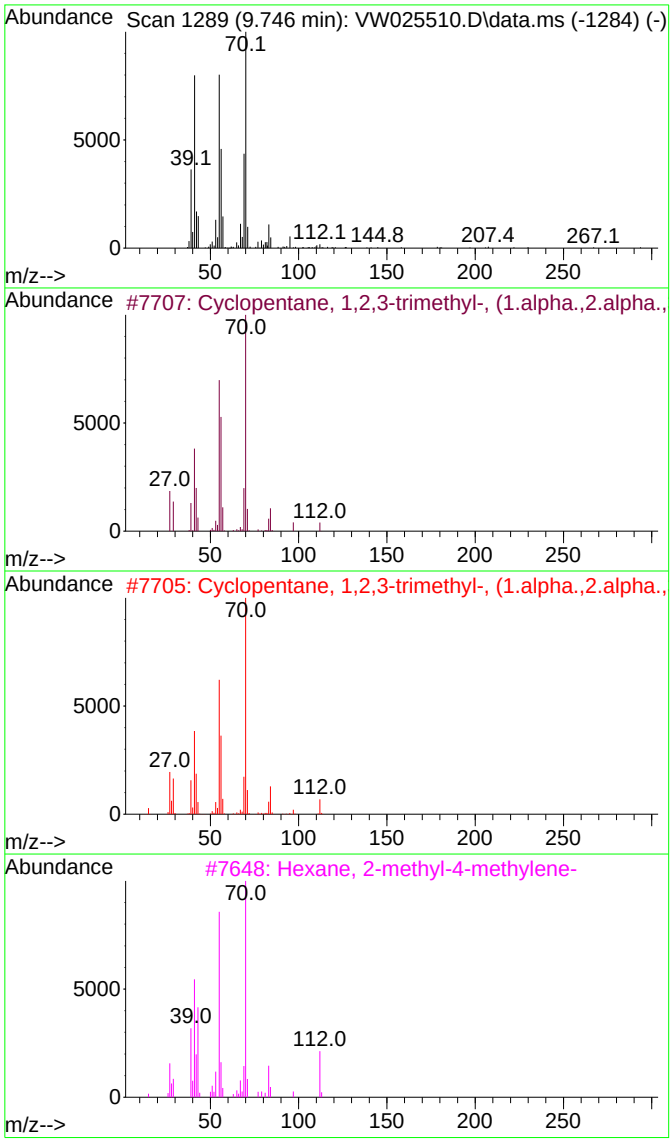
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

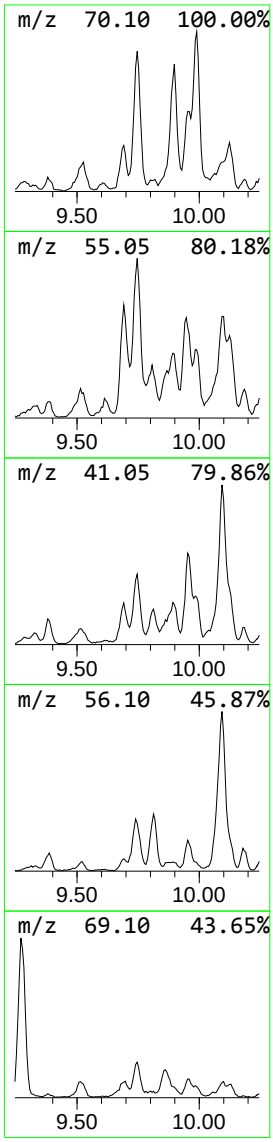
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic9.746 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.746	2.90 ug/L	199172	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	78
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72
3	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	59
4	Heptane, 3-methylene-	112	C8H16	001632-16-2	59
5	Hexanal, 3-(hydroxymethyl)-4-met...	144	C8H16O2	056805-30-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

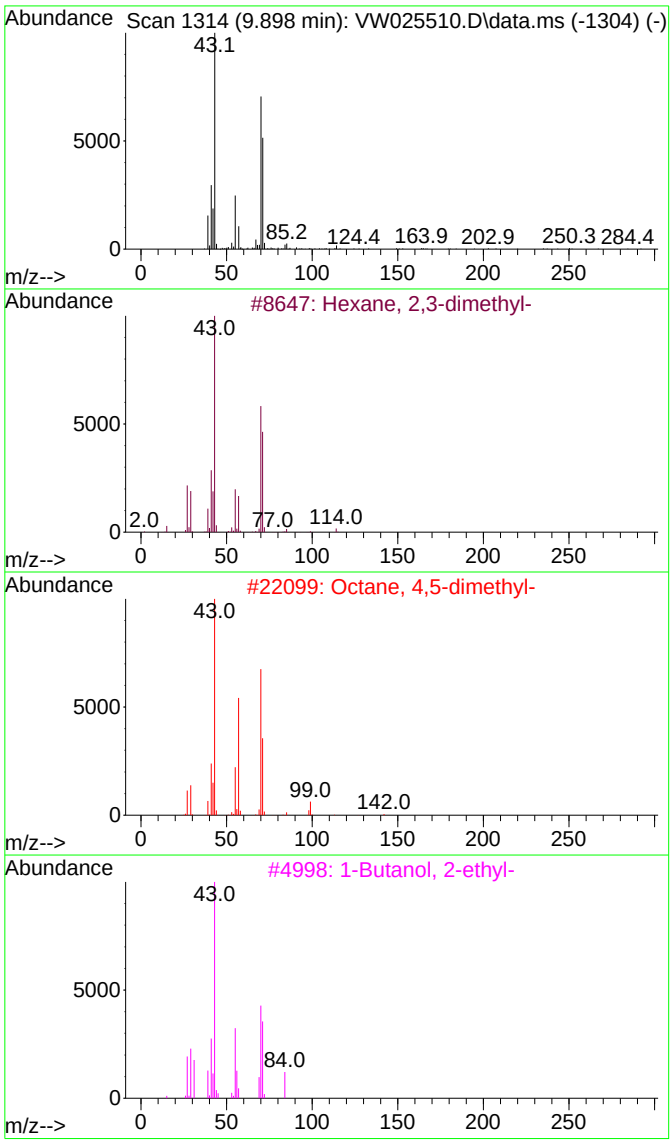
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

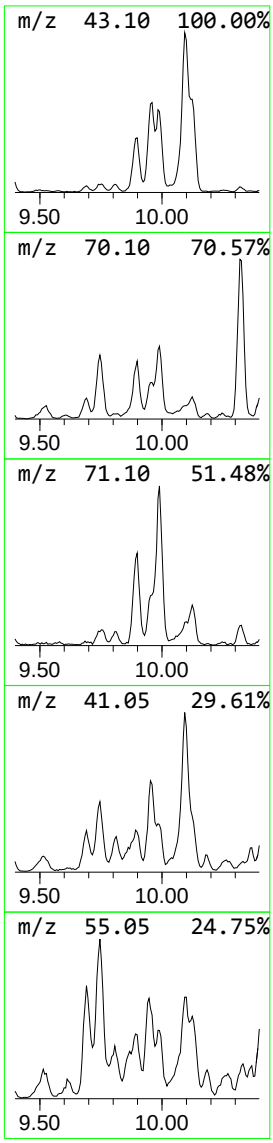
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.898	2.67 ug/L	183671	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	87
2	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	72
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	64
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5	Pyrrolidine	71	C4H9N	000123-75-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

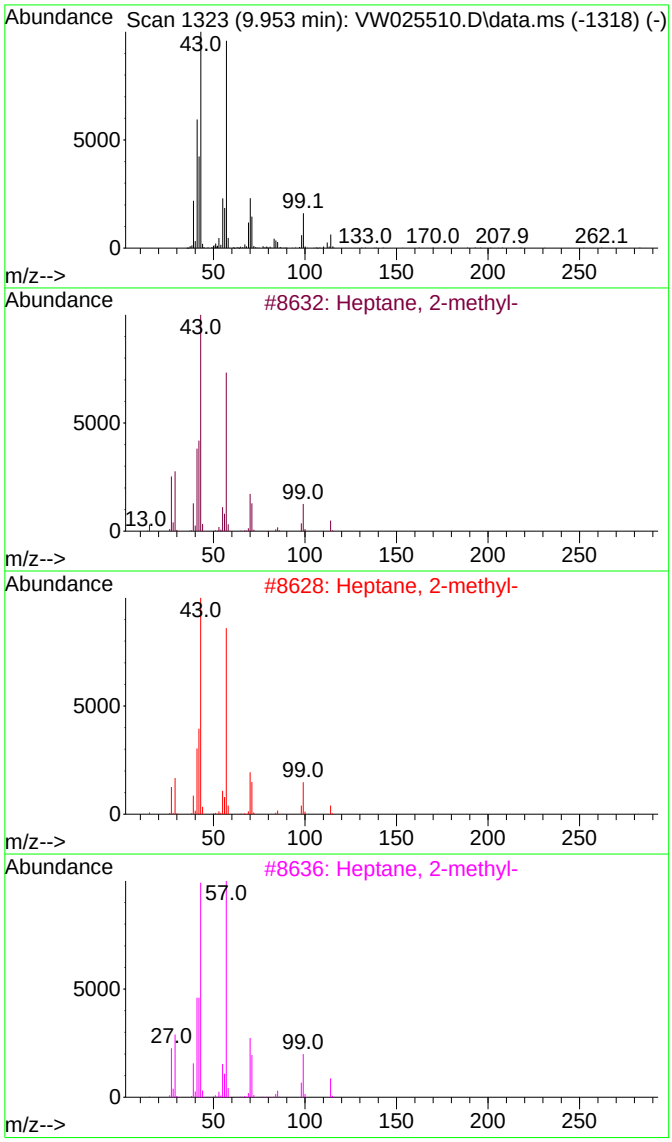
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

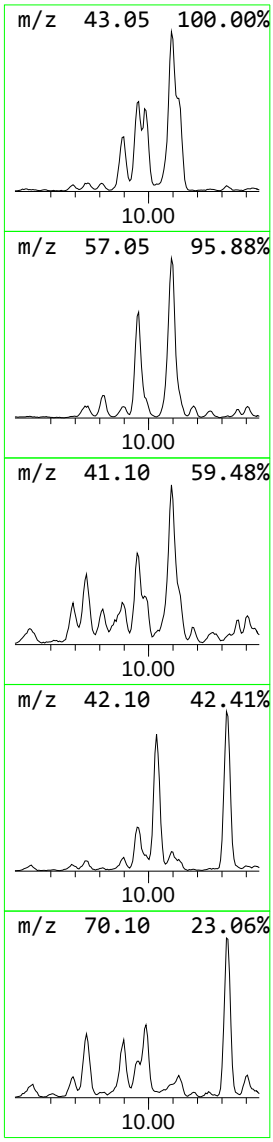
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.953	4.91 ug/L	337037	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	50
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

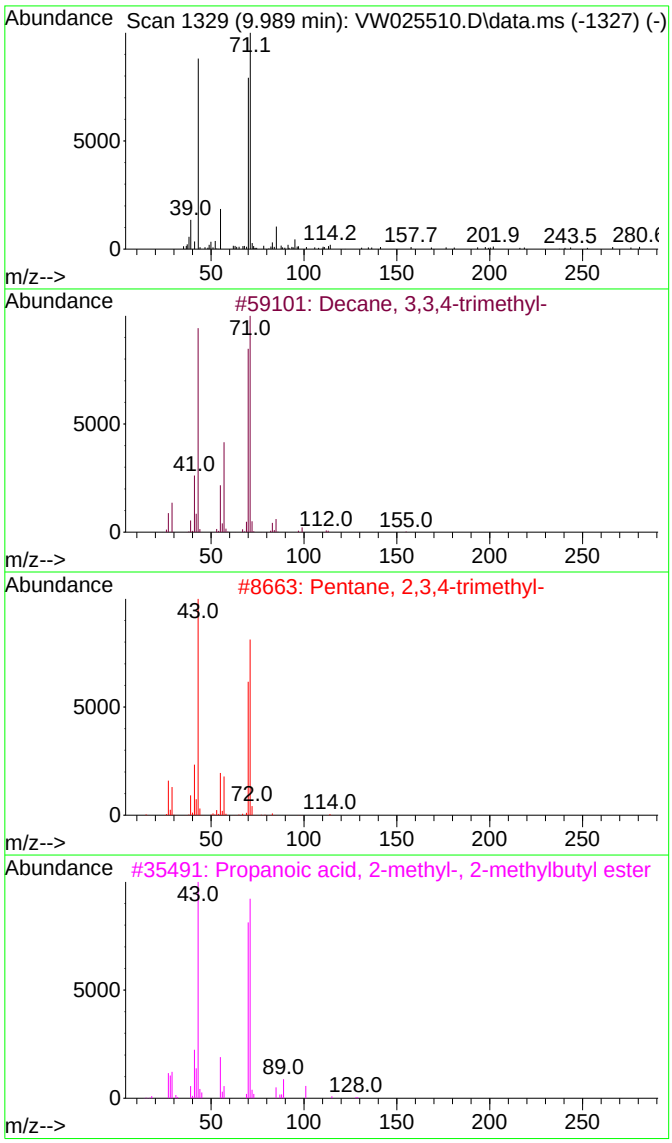
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

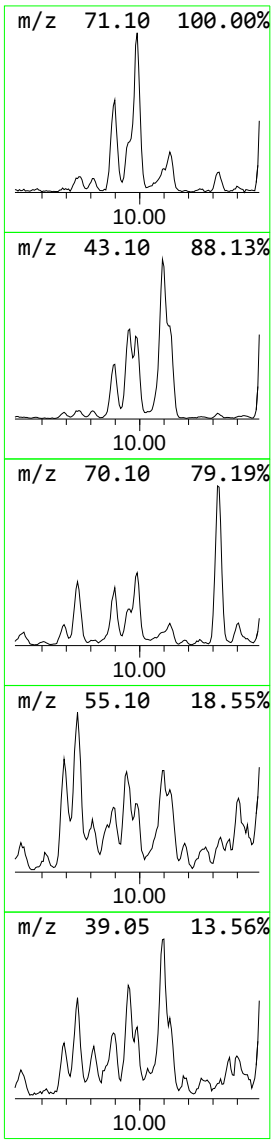
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.989	2.14 ug/L	146720	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	43
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	40
3	Propanoic acid, 2-methyl-, 2-met...	158	C9H18O2	002445-69-4	40
4	Butanoyl chloride	106	C4H7ClO	000141-75-3	35
5	Isobutyric acid, 2,2,2-trichloro...	218	C6H9Cl3O2	1000354-63-4	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

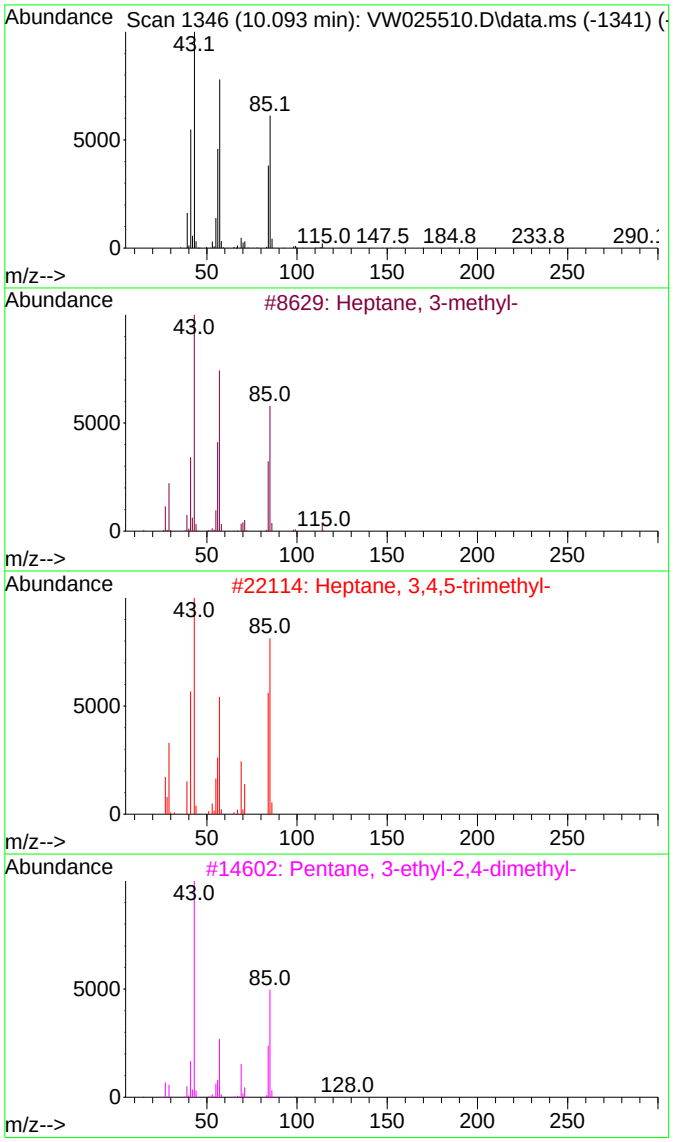
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

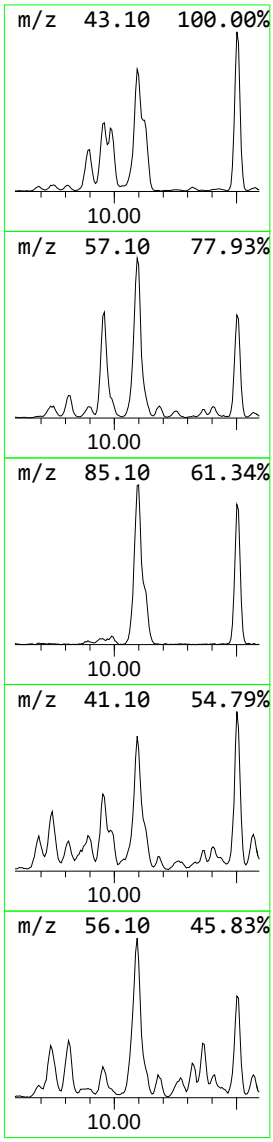
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	12.48 ug/L	857451	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, 3,4,5-trimethyl-	142	C10H22	020278-89-1	78
3	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

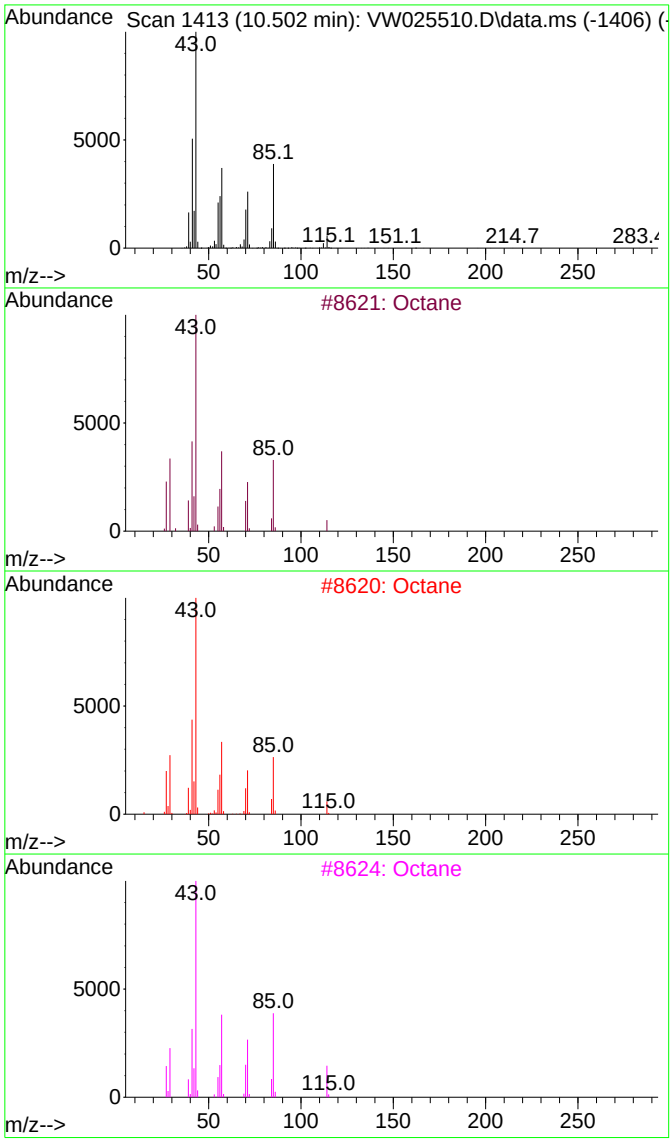
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

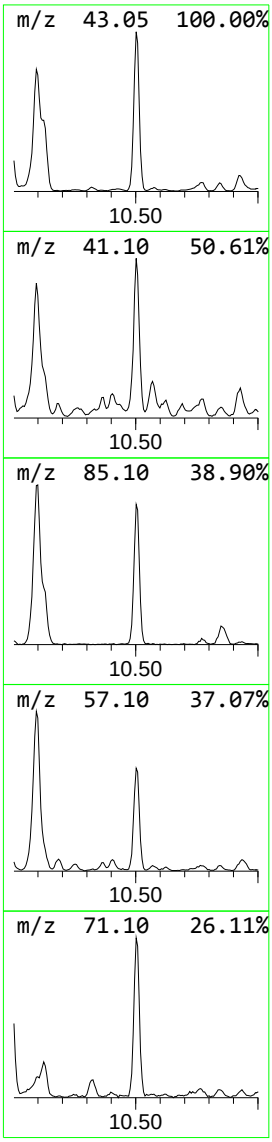
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	11.53 ug/L	641411	Chlorobenzene-d5	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	94
2	Octane	114	C8H18	000111-65-9	91
3	Octane	114	C8H18	000111-65-9	86
4	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	83
5	Octane	114	C8H18	000111-65-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

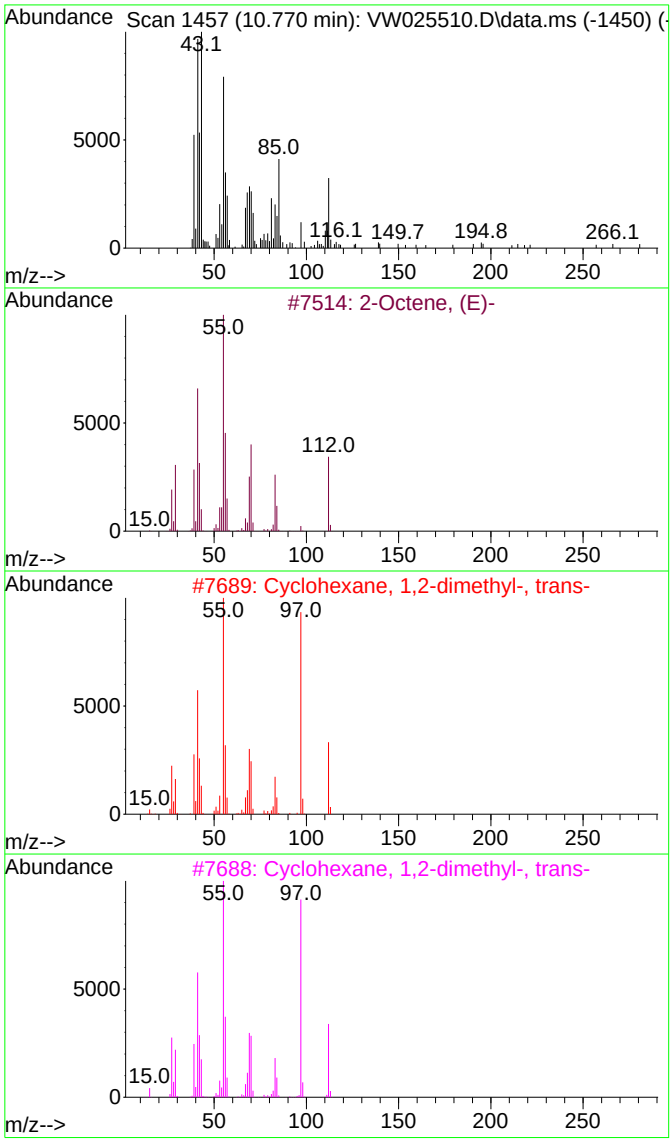
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

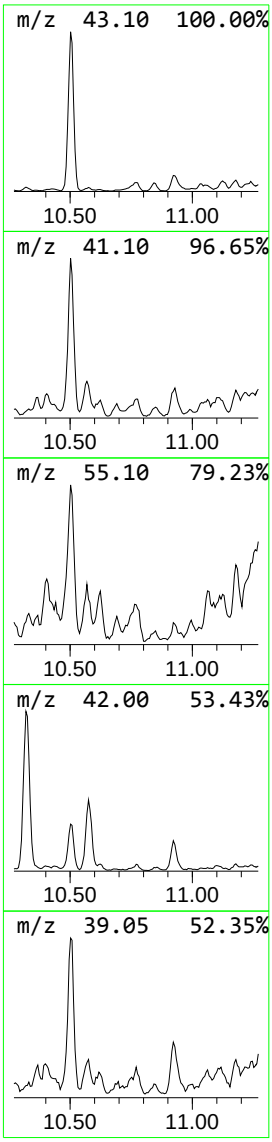
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.770	2.25 ug/L	124960	Chlorobenzene-d5	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, (E)-	112	C8H16	013389-42-9	53
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	49
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	49
4	9-Oxabicyclo[6.1.0]nonan-4-one	140	C8H12O2	028399-88-4	46
5	Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

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

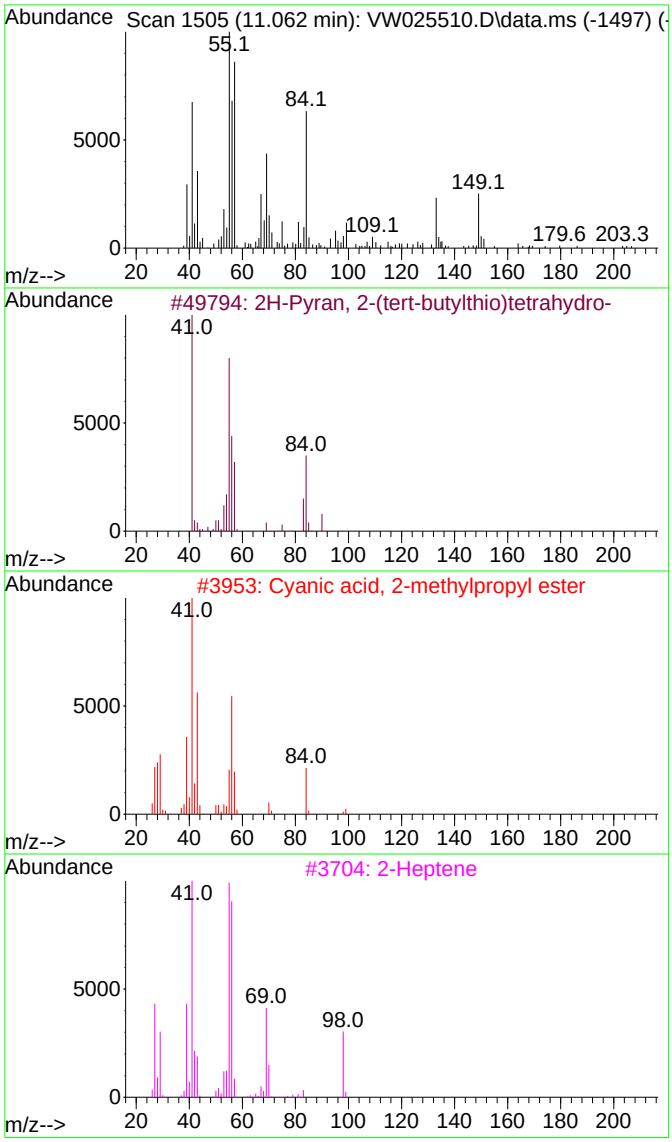
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

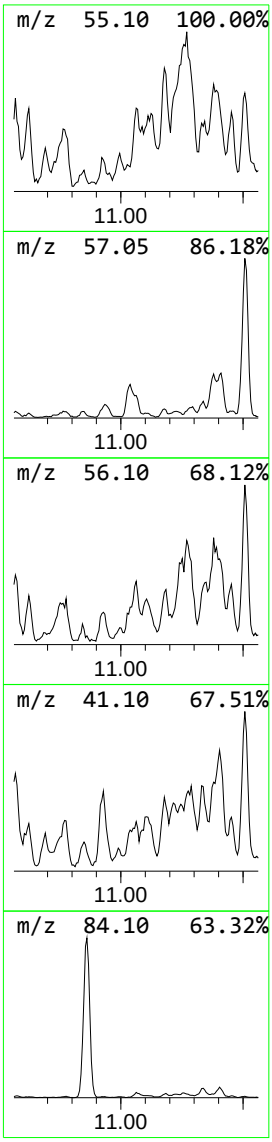
****

Peak Number 21 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	1.84 ug/L	102095	Chlorobenzene-d5	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 2-(tert-butylthio)tetr...	174	C9H18OS	001927-53-3	43
2	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	38
3	2-Heptene	98	C7H14	000592-77-8	38
4	Cyclohexane	84	C6H12	000110-82-7	35
5	Cyclohexane	84	C6H12	000110-82-7	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

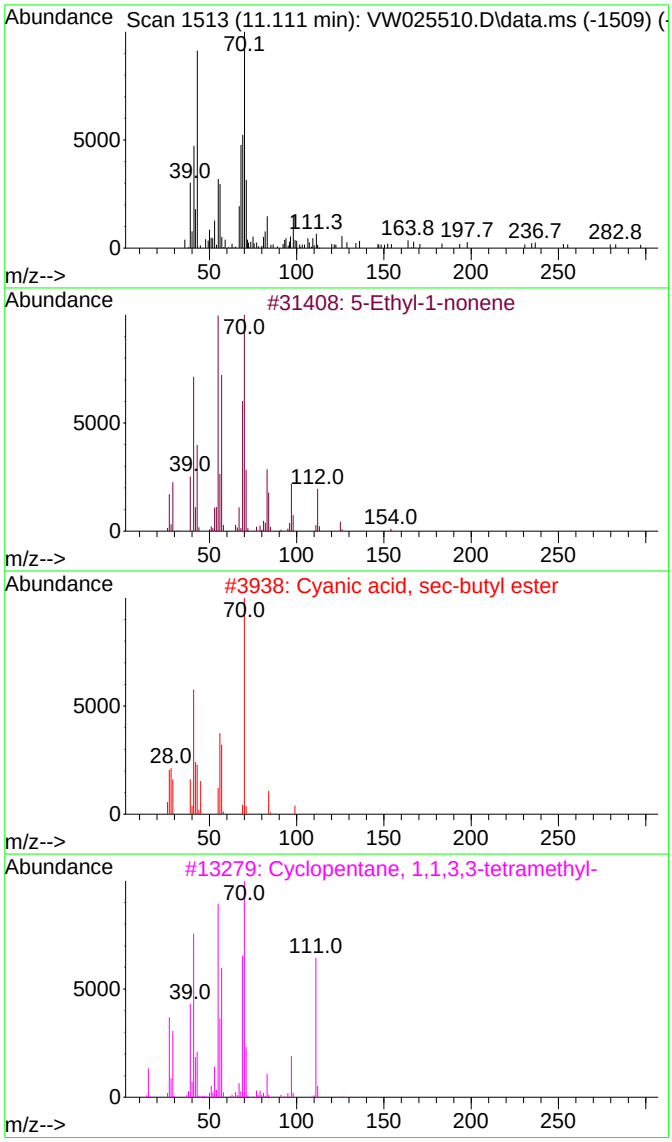
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

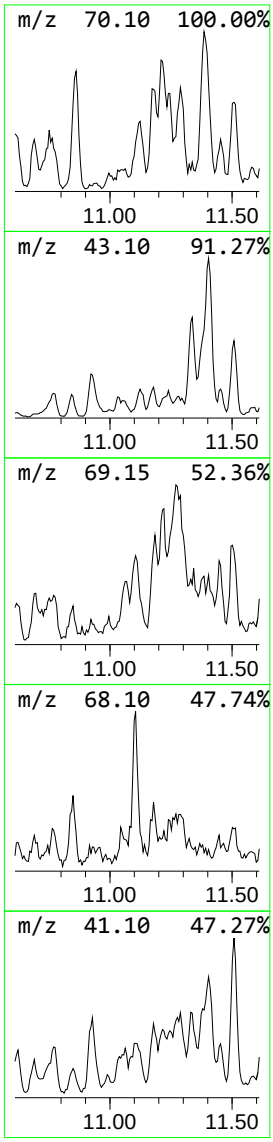
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.111	1.39 ug/L	77332	Chlorobenzene-d5	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyl-1-nonene	154	C11H22	019780-74-6	50
2	Cyanic acid, sec-butyl ester	99	C5H9NO	001873-13-8	43
3	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	43
4	2-Nonene, 3-methyl-, (E)-	140	C10H20	017003-99-5	38
5	2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

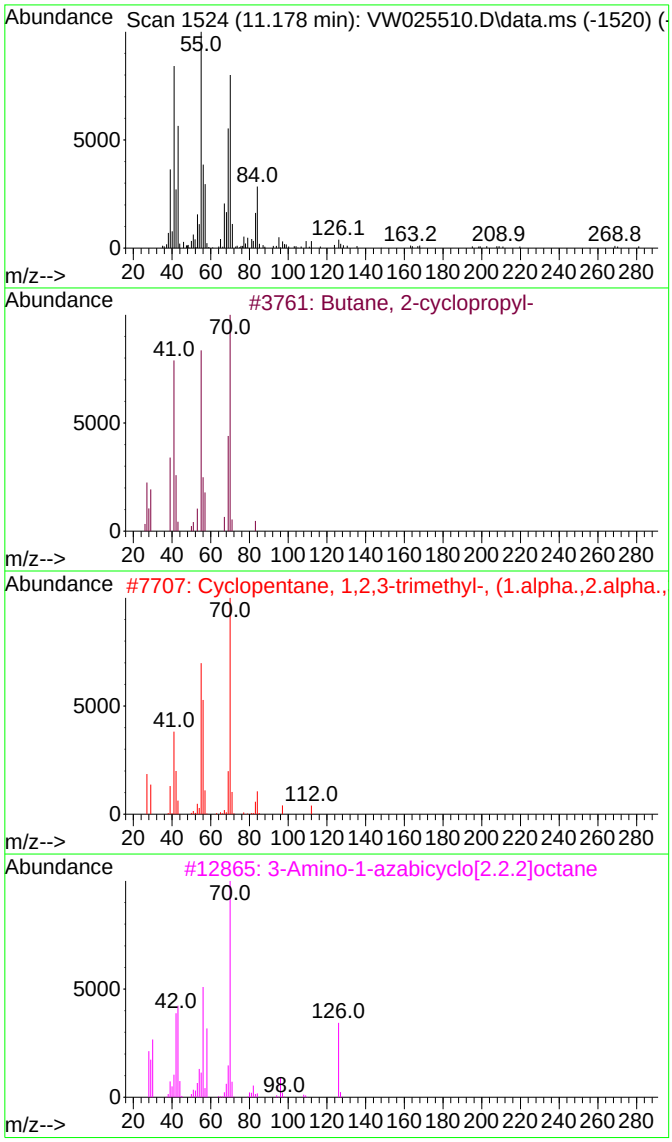
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

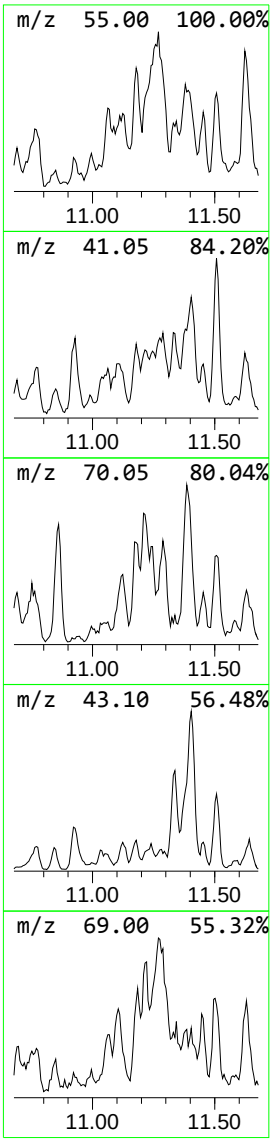
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic11.178 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	1.53 ug/L	85138	Chlorobenzene-d5	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-cyclopropyl-	98	C7H14	005750-02-7	64
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	50
3	3-Amino-1-azabicyclo[2.2.2]octane	126	C7H14N2	006238-14-8	49
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	46
5	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

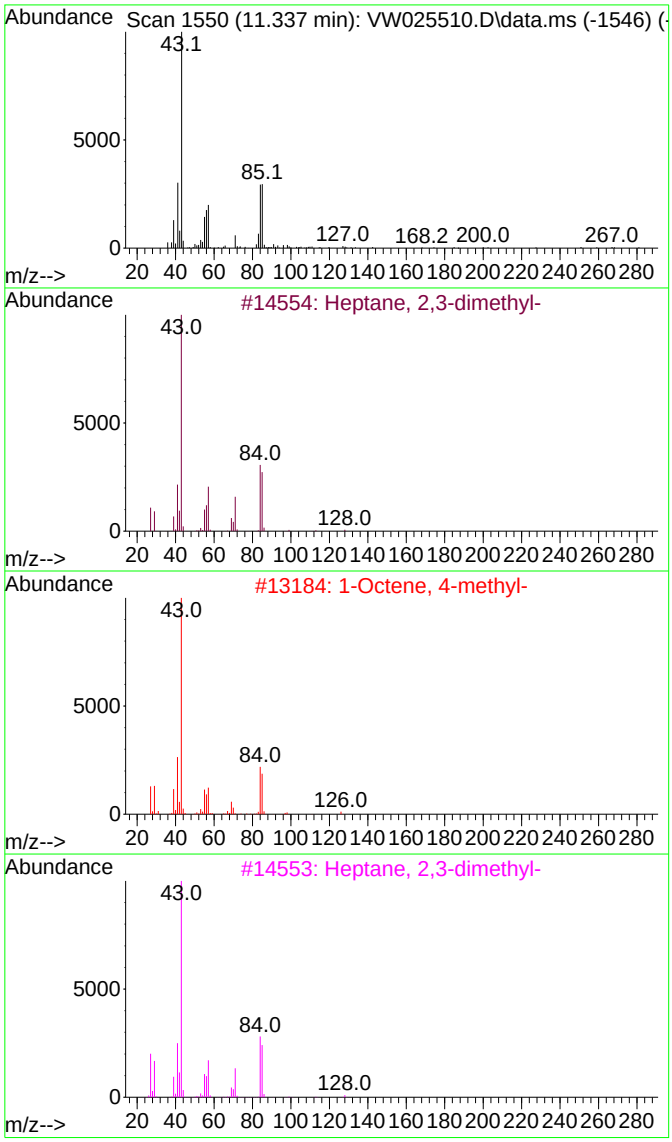
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

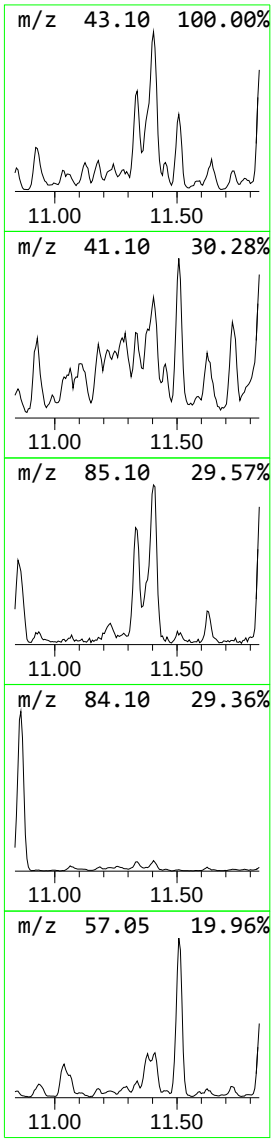
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.337	1.37 ug/L	76257	Chlorobenzene-d5	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	80
2	1-Octene, 4-methyl-	126	C9H18	013151-12-7	72
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
4	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	56
5	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

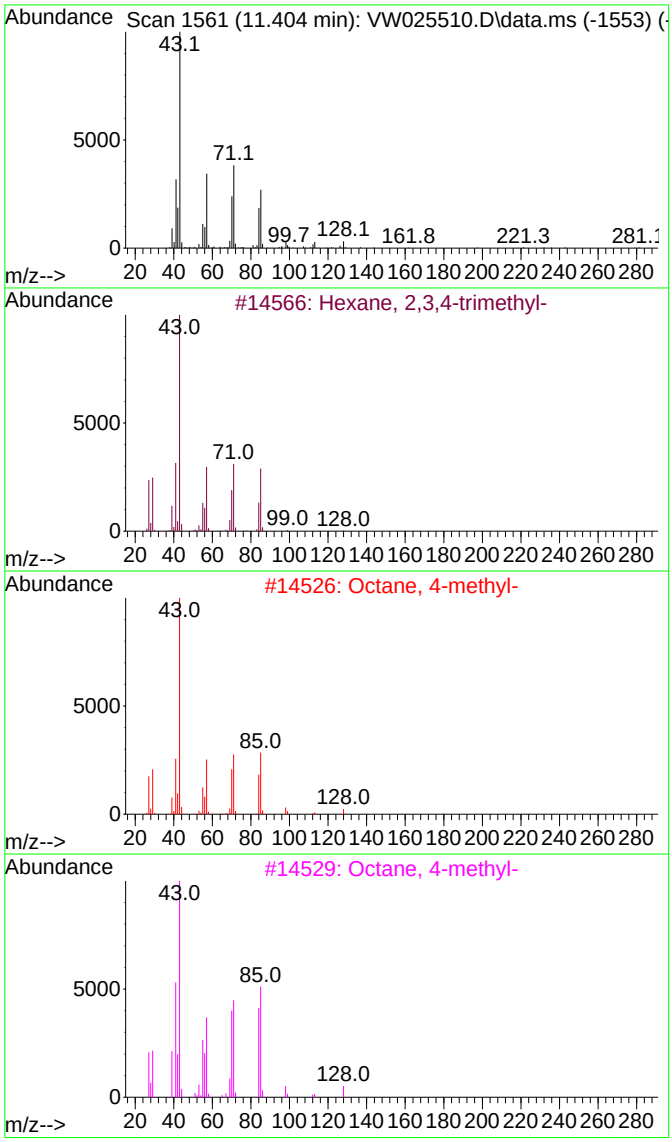
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

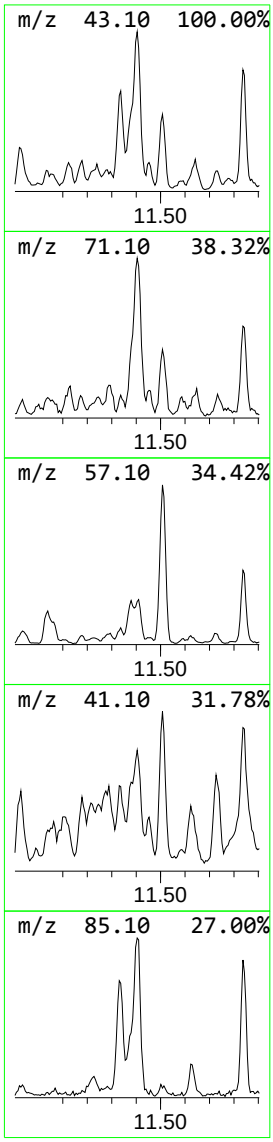
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.404	5.39 ug/L	300023	Chlorobenzene-d5	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
2	Octane, 4-methyl-	128	C9H20	002216-34-4	76
3	Octane, 4-methyl-	128	C9H20	002216-34-4	62
4	Octane, 4-methyl-	128	C9H20	002216-34-4	59
5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

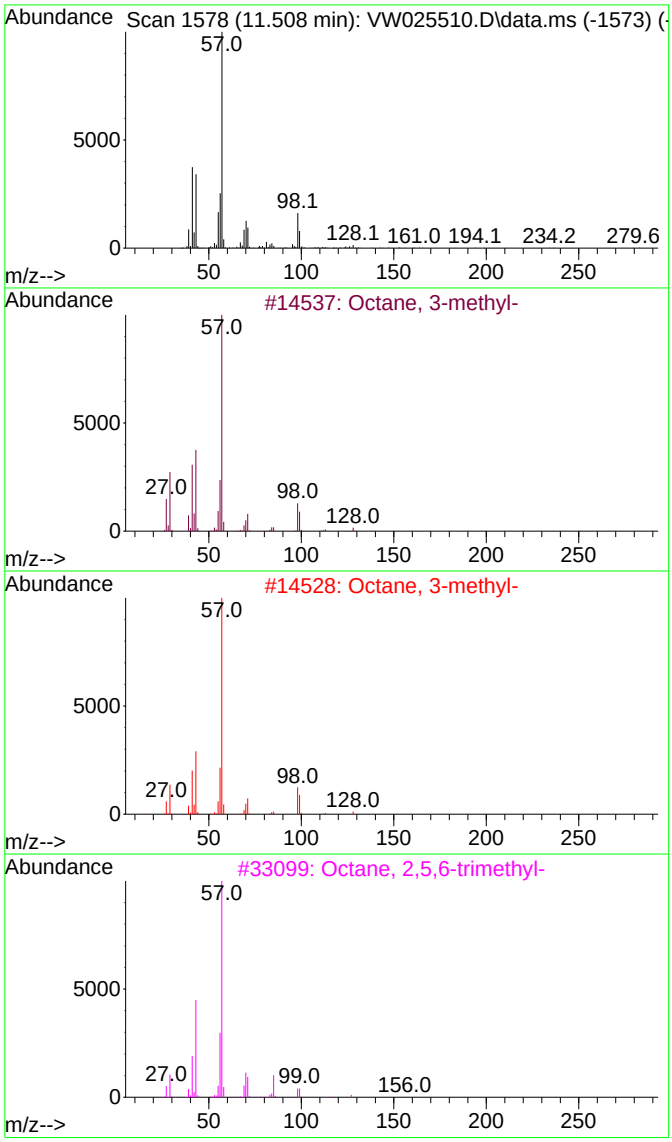
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

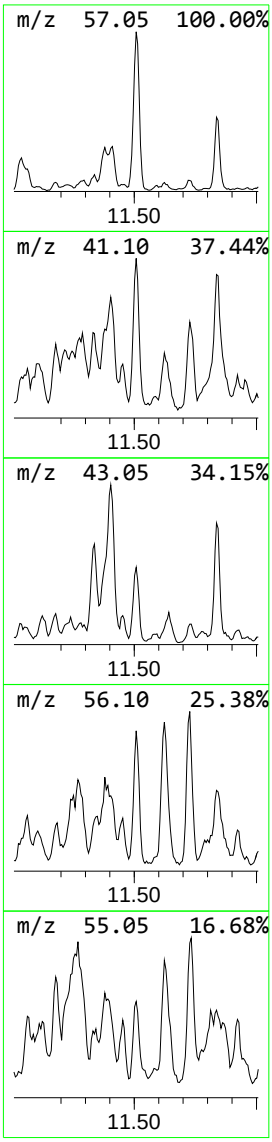
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.508	4.26 ug/L	237252	Chlorobenzene-d5	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	83
2	Octane, 3-methyl-	128	C9H20	002216-33-3	80
3	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	72
4	Octane, 3-methyl-	128	C9H20	002216-33-3	64
5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

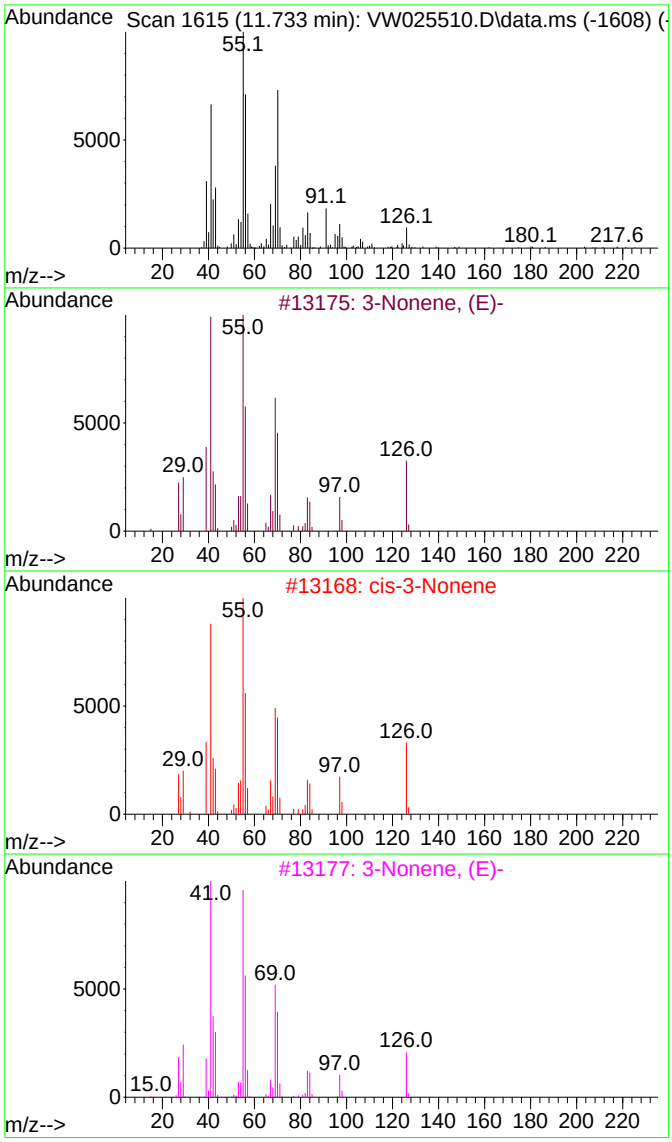
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

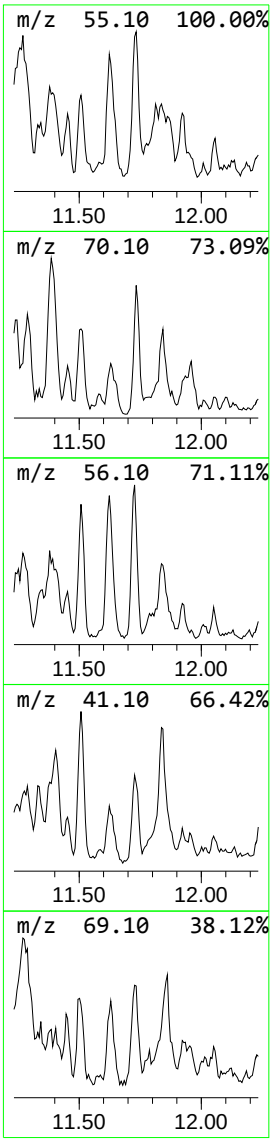
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.733	3.22 ug/L	178879	Chlorobenzene-d5	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonene, (E)-	126	C9H18	020063-92-7	87
2	cis-3-Nonene	126	C9H18	020237-46-1	83
3	3-Nonene, (E)-	126	C9H18	020063-92-7	72
4	3-Nonene	126	C9H18	020063-77-8	68
5	cis-2-Nonene	126	C9H18	006434-77-1	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

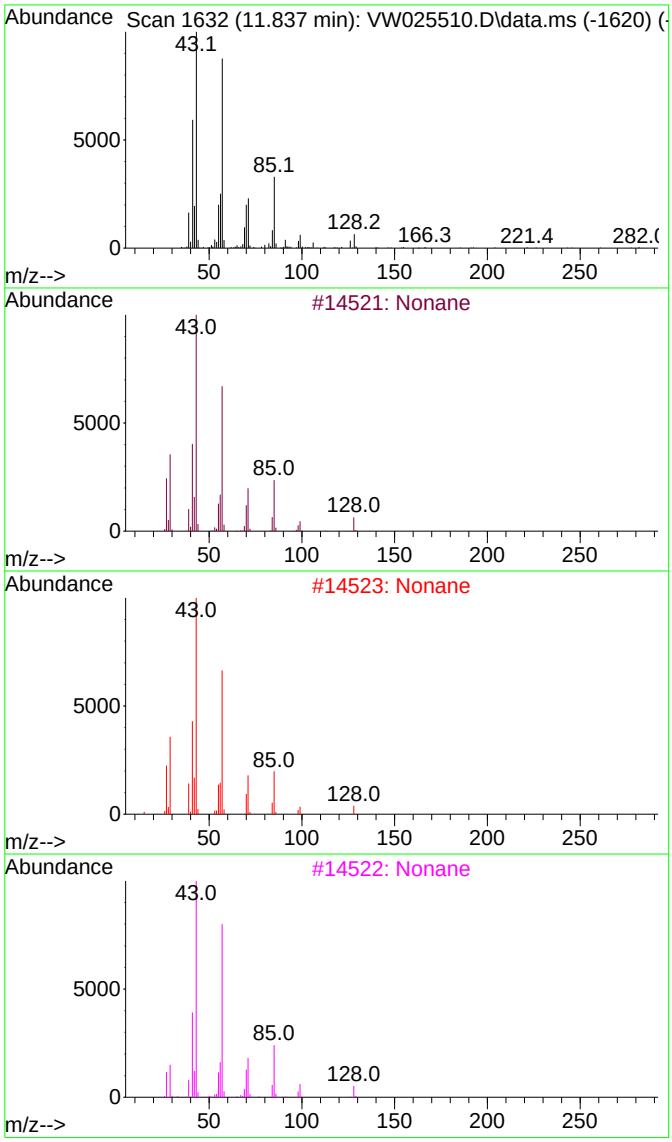
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

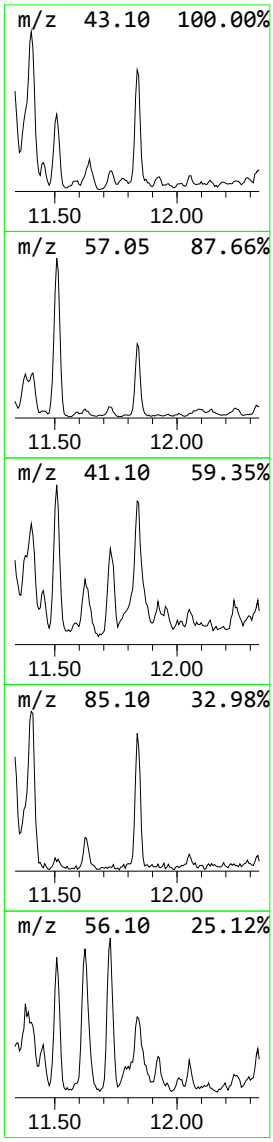
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.837	5.23 ug/L	290922	Chlorobenzene-d5	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	93
2	Nonane	128	C9H20	000111-84-2	90
3	Nonane	128	C9H20	000111-84-2	87
4	Nonane	128	C9H20	000111-84-2	76
5	Octane	114	C8H18	000111-65-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

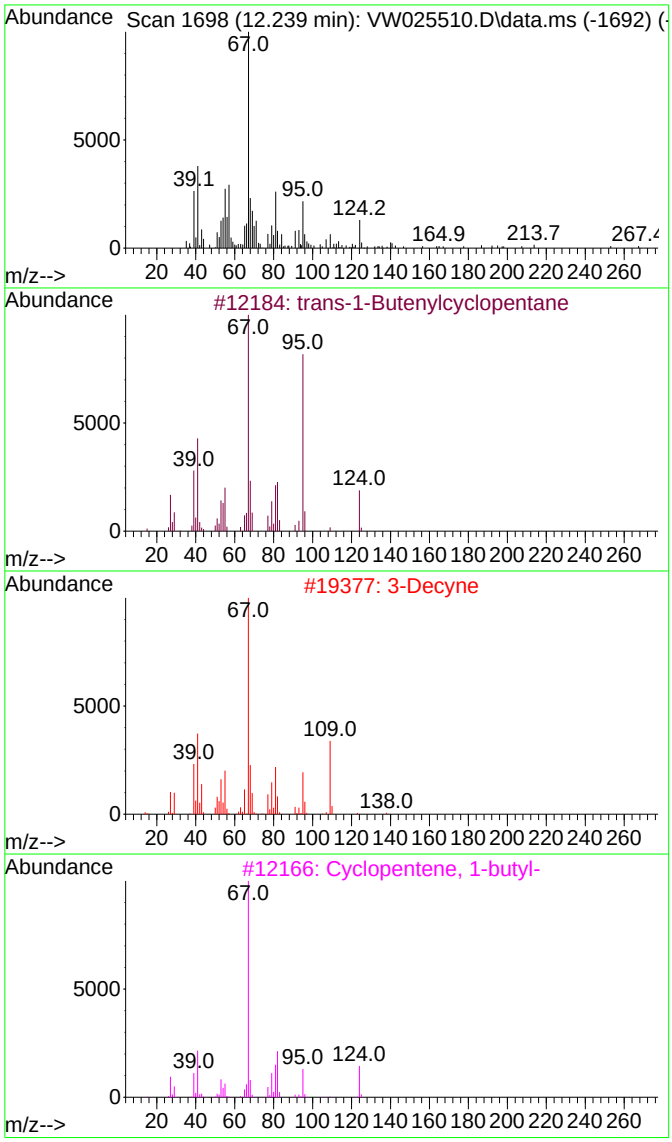
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

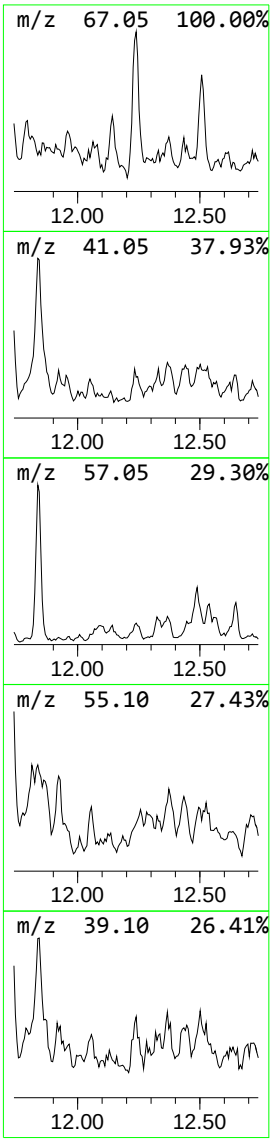
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 trans-1-Butenylcyclopentane Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.239	1.39 ug/L	77142	Chlorobenzene-d5	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1-Butenylcyclopentane	124	C9H16	1000113-50-9	59
2	3-Decyne	138	C10H18	002384-85-2	58
3	Cyclopentene, 1-butyl-	124	C9H16	002423-01-0	53
4	Cyclopentene, 3-(2-methylpropyl)-	124	C9H16	037689-12-6	53
5	3-Cyclopentylcyclopentene	136	C10H16	002690-17-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

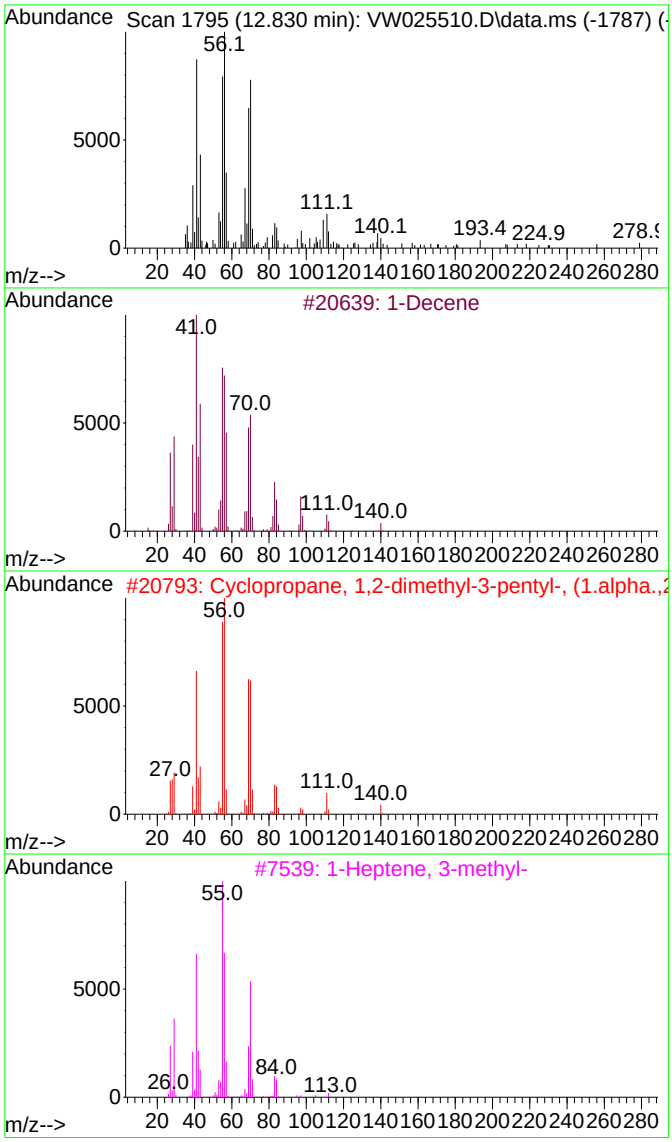
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

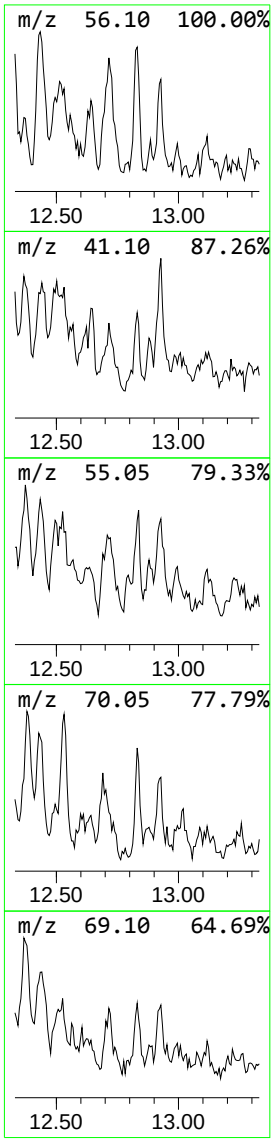
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.831	2.61 ug/L	45616	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	64
2	Cyclopropane, 1,2-dimethyl-3-pen...	140	C10H20	062238-10-2	60
3	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	53
4	Aziridine, 1-propyl-	85	C5H11N	005536-98-1	52
5	2-n-Propylaziridine	85	C5H11N	003647-38-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

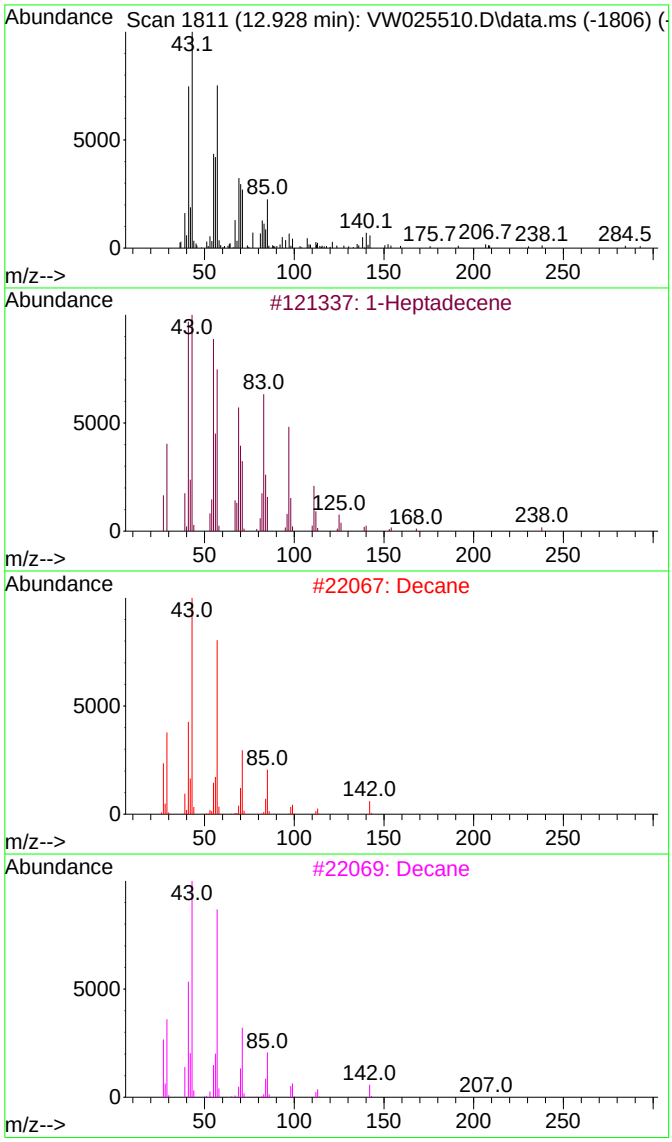
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

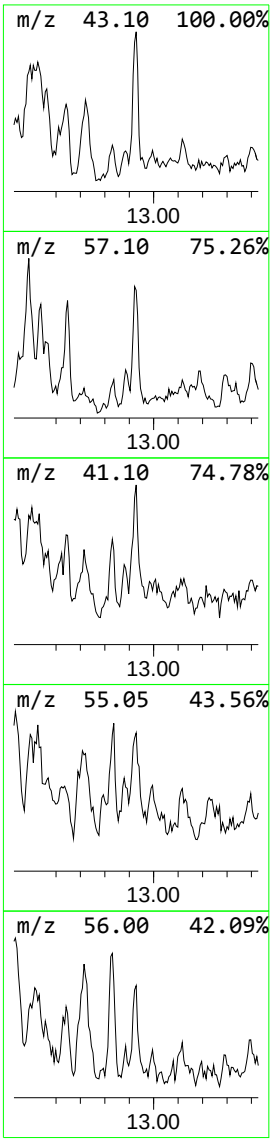
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	3.87 ug/L	67616	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	64
2	Decane	142	C10H22	000124-18-5	60
3	Decane	142	C10H22	000124-18-5	53
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	50
5	trans-3-Decene	140	C10H20	019150-21-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

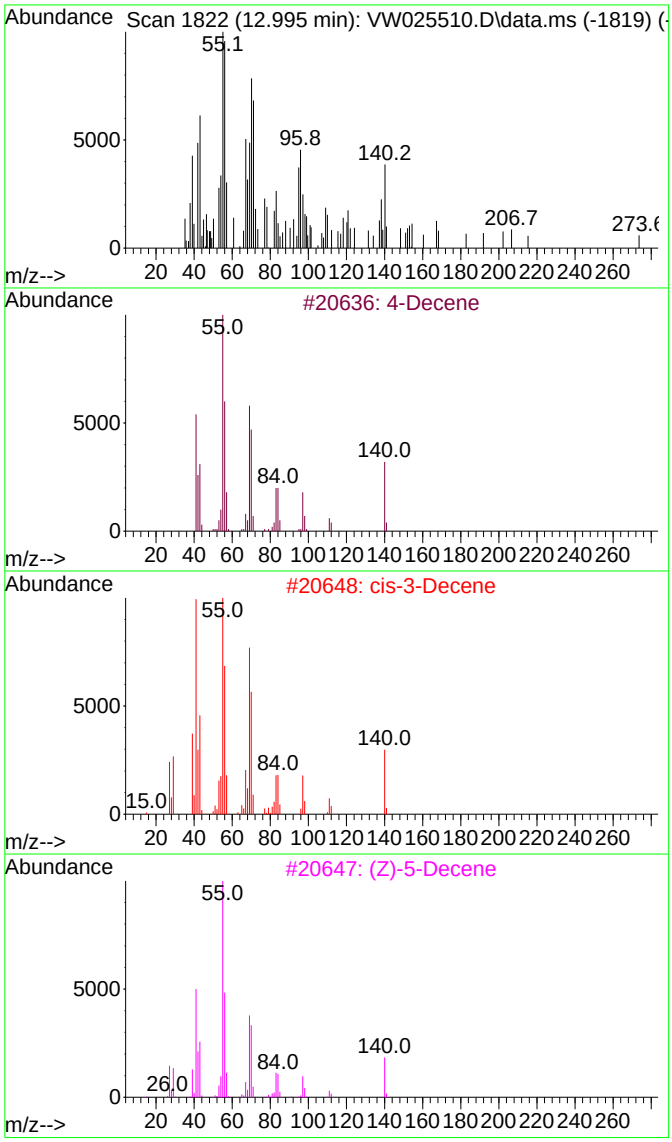
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

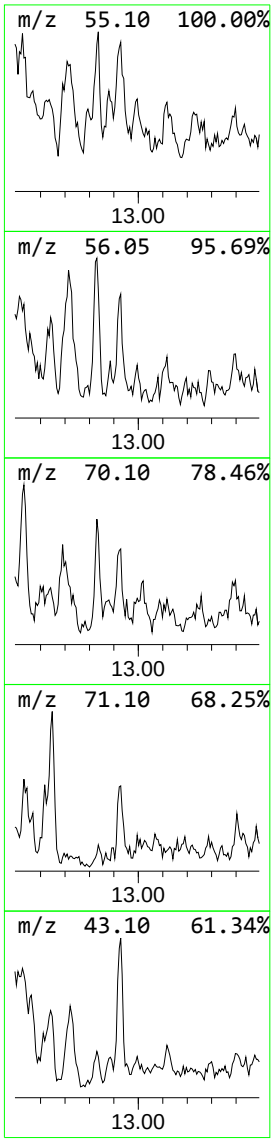
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.995	1.78 ug/L	31135	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Decene	140	C10H20	019689-18-0	58
2	cis-3-Decene	140	C10H20	019398-86-8	50
3	(Z)-5-Decene	140	C10H20	007433-78-5	45
4	cis-4-Decene	140	C10H20	019398-88-0	45
5	5-Decene, (E)-	140	C10H20	007433-56-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

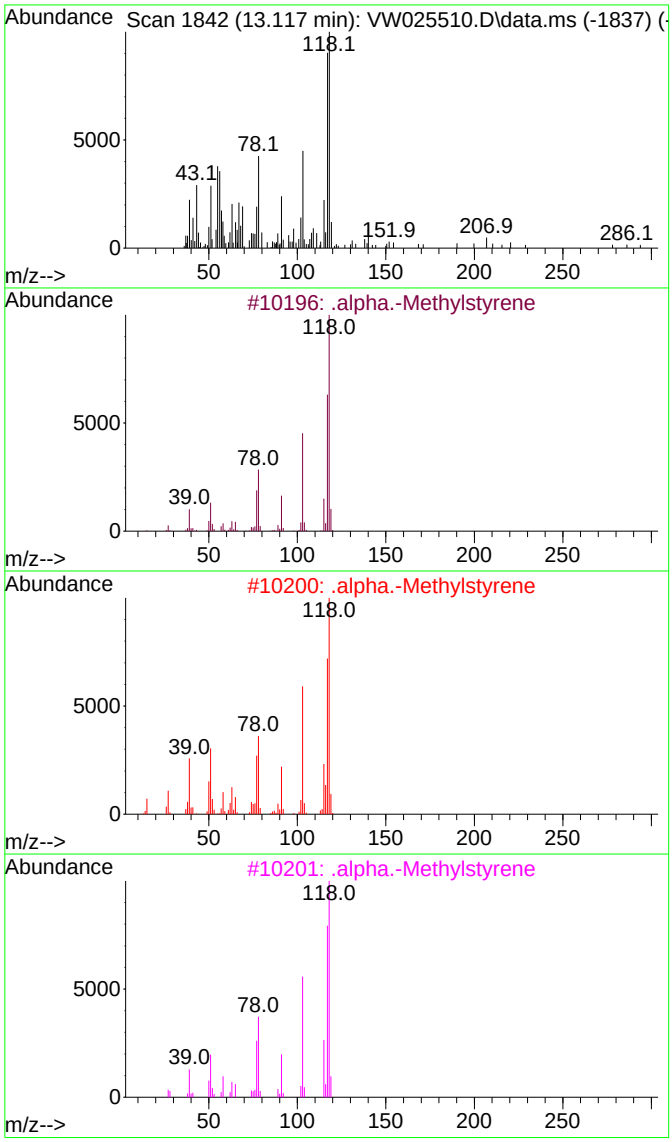
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

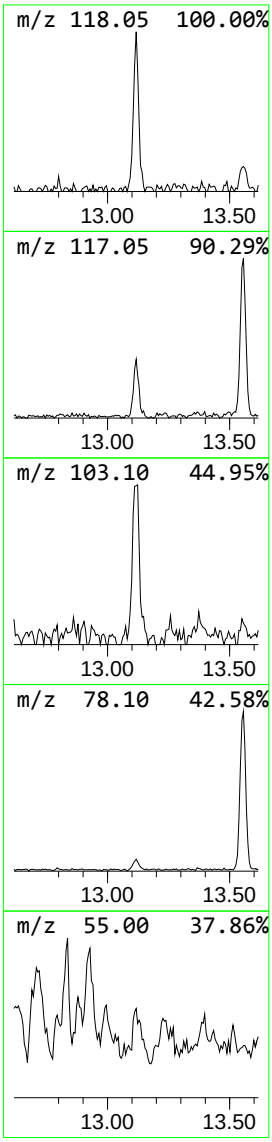
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 .alpha.-Methylstyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.117	3.99 ug/L	69578	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	87
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	81
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	74
4	.alpha.-Methylstyrene	118	C9H10	000098-83-9	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

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

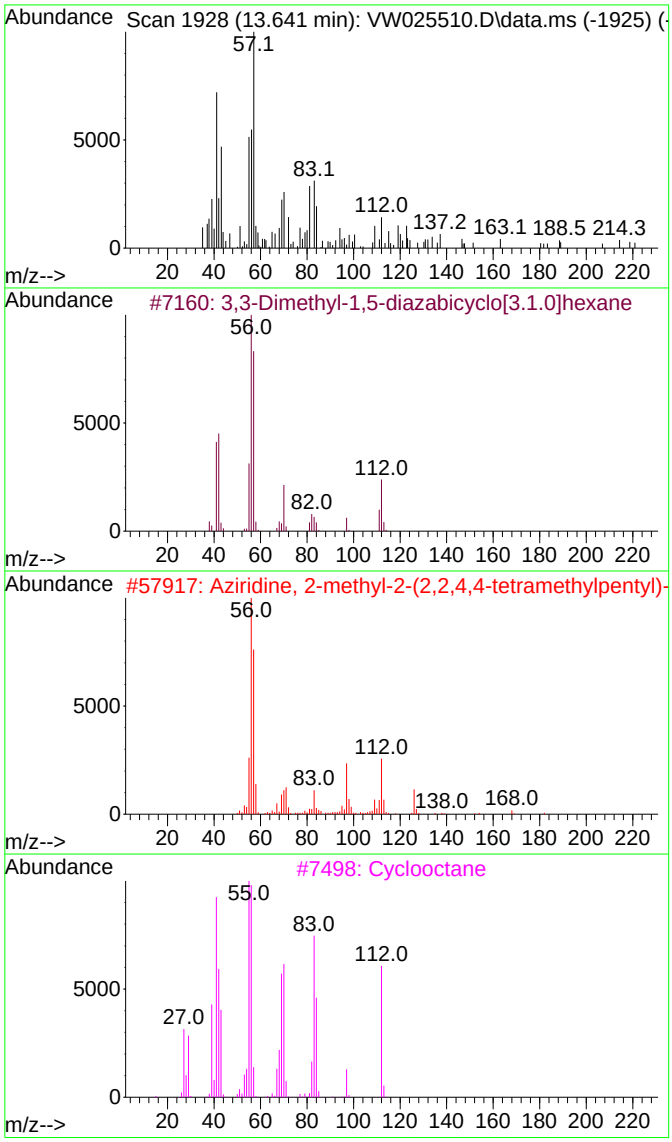
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

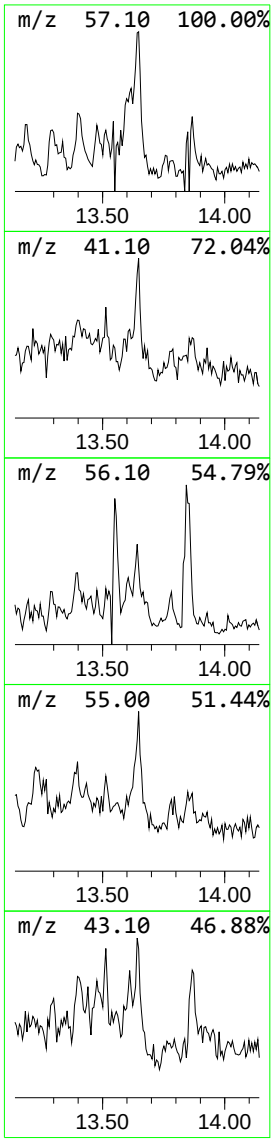
****

Peak Number 35 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.641	2.61 ug/L	45584	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	104518-71-0	35
2	Aziridine, 2-methyl-2-(2,2,4,4-t...	183	C12H25N	1000293-28-8	35
3	Cyclooctane	112	C8H16	000292-64-8	30
4	3-Chloropropionic acid, hexyl ester	192	C9H17ClO2	063505-49-7	27
5	Cyclooctane	112	C8H16	000292-64-8	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

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

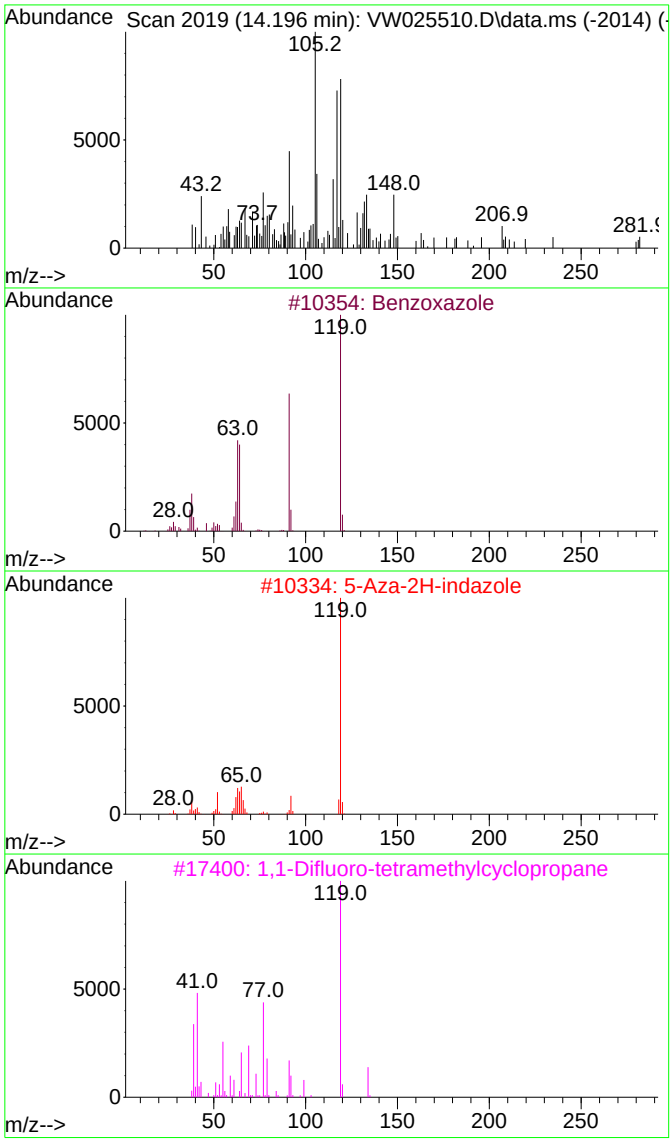
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

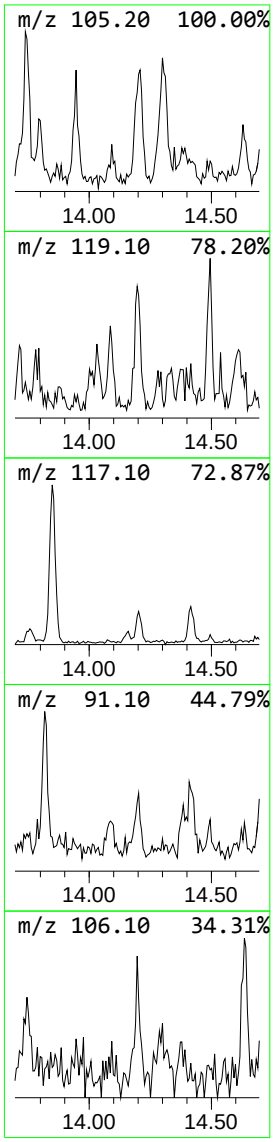
****

Peak Number 37 unknown-03 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.196	1.46 ug/L	25489	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoxazole	119	C7H5NO	000273-53-0	38
2	5-Aza-2H-indazole	119	C6H5N3	000271-50-1	38
3	1,1-Difluoro-tetramethylcyclopro...	134	C7H12F2	000823-25-6	35
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	30
5	4,5-Dimethoxy-2-[(4-methylphenyl...	281	C17H15NO3	1000388-85-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

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

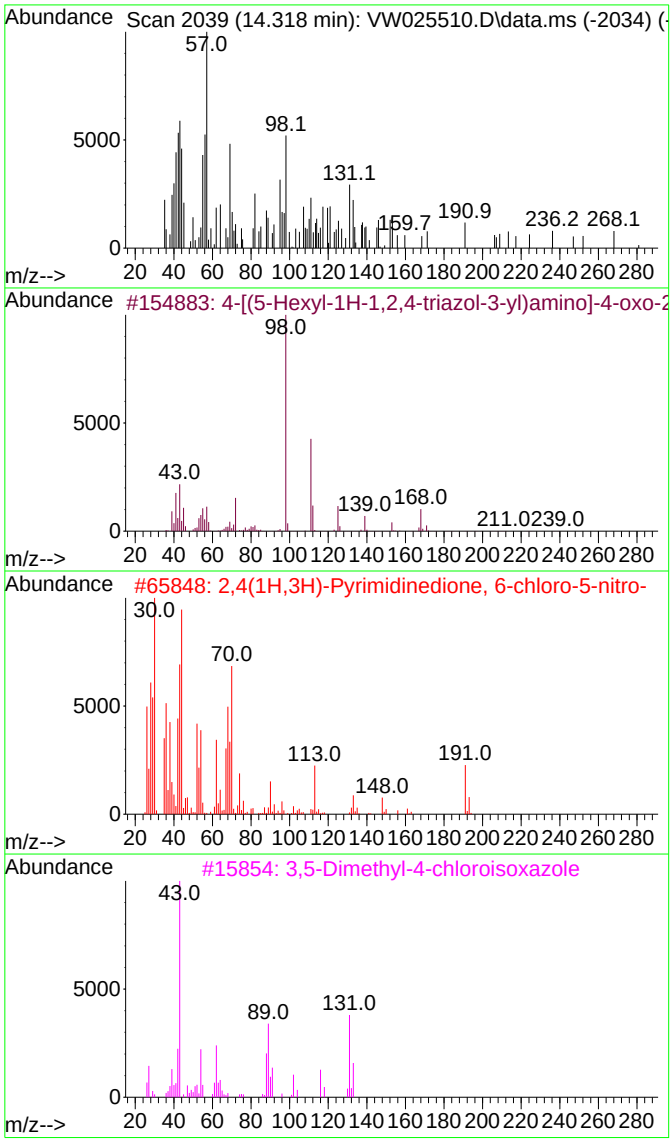
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

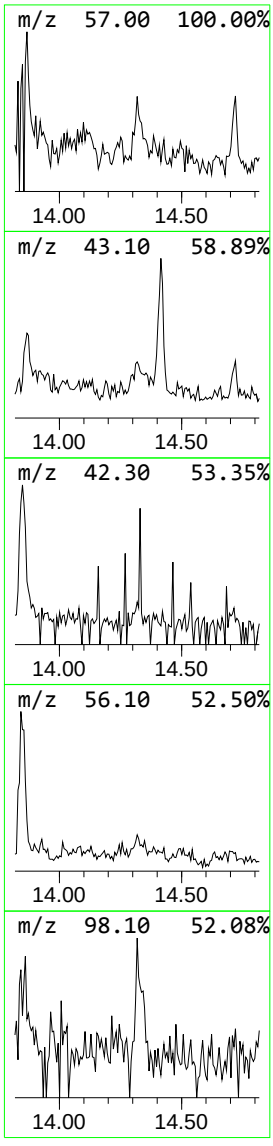
****

Peak Number 38 unknown-04 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	1.60 ug/L	28018	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-[(5-Hexyl-1H-1,2,4-triazol-3-y...	266	C12H18N4O3	1000293-94-3	14
2	2,4(1H,3H)-Pyrimidinedione, 6-ch...	191	C4H2ClN3O4	006630-30-4	12
3	3,5-Dimethyl-4-chloroisoxazole	131	C5H6ClNO	010557-86-5	11
4	4-Camphenylbutan-2-one	206	C14H22O	1000140-09-7	10
5	Guanidine, N-[4-(5-amino-1H-1,2,...	236	C9H16N8	1000316-56-0	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

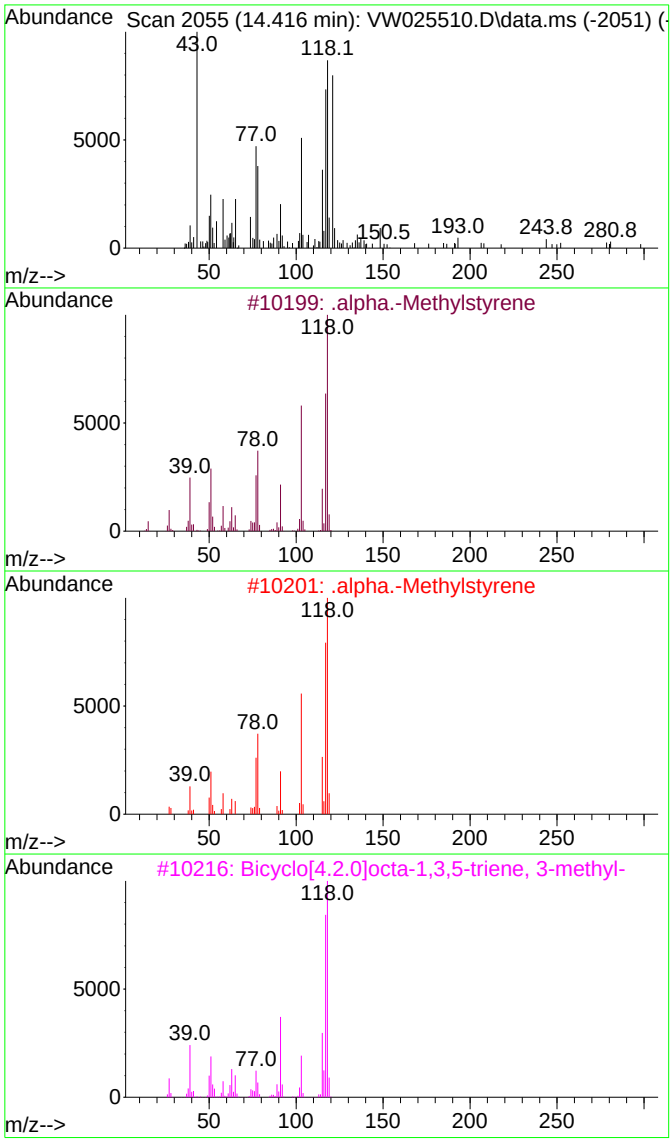
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

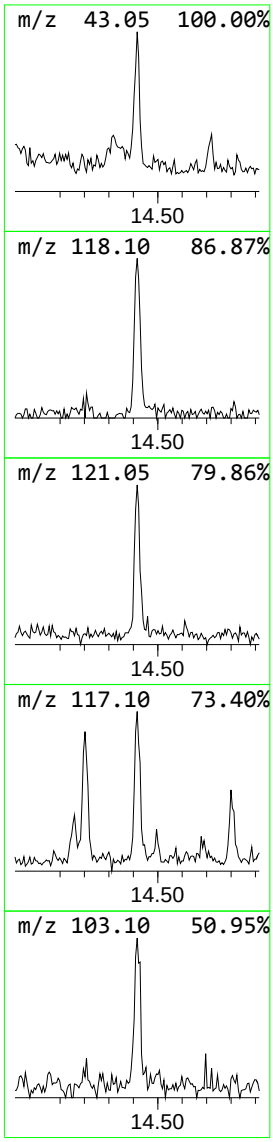
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.416	2.71 ug/L	47321	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	90
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	87
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	58
4	.alpha.-Methylstyrene	118	C9H10	000098-83-9	55
5	.alpha.-Methylstyrene	118	C9H10	000098-83-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

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

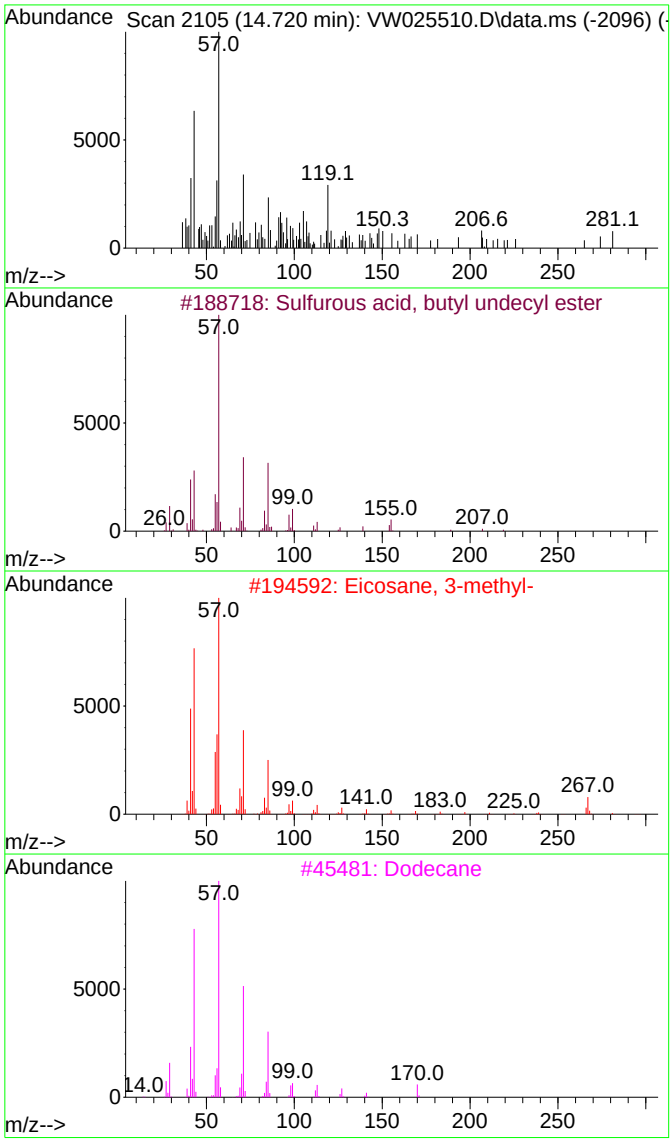
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

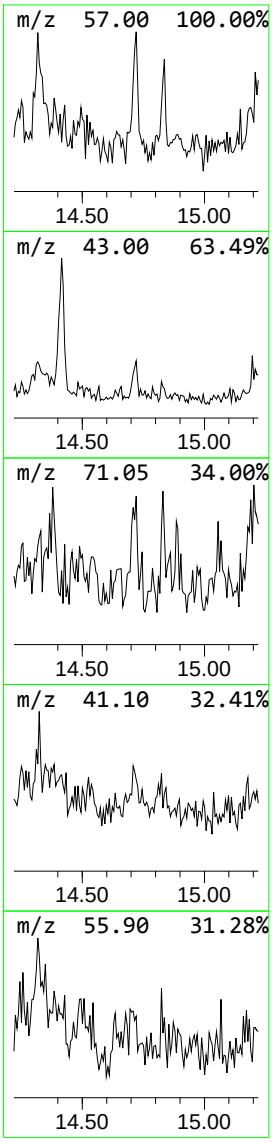
****

Peak Number 40 unknown-05 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.720	1.39 ug/L	24189	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	10
2	Eicosane, 3-methyl-	296	C21H44	006418-46-8	10
3	Dodecane	170	C12H26	000112-40-3	10
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	10
5	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

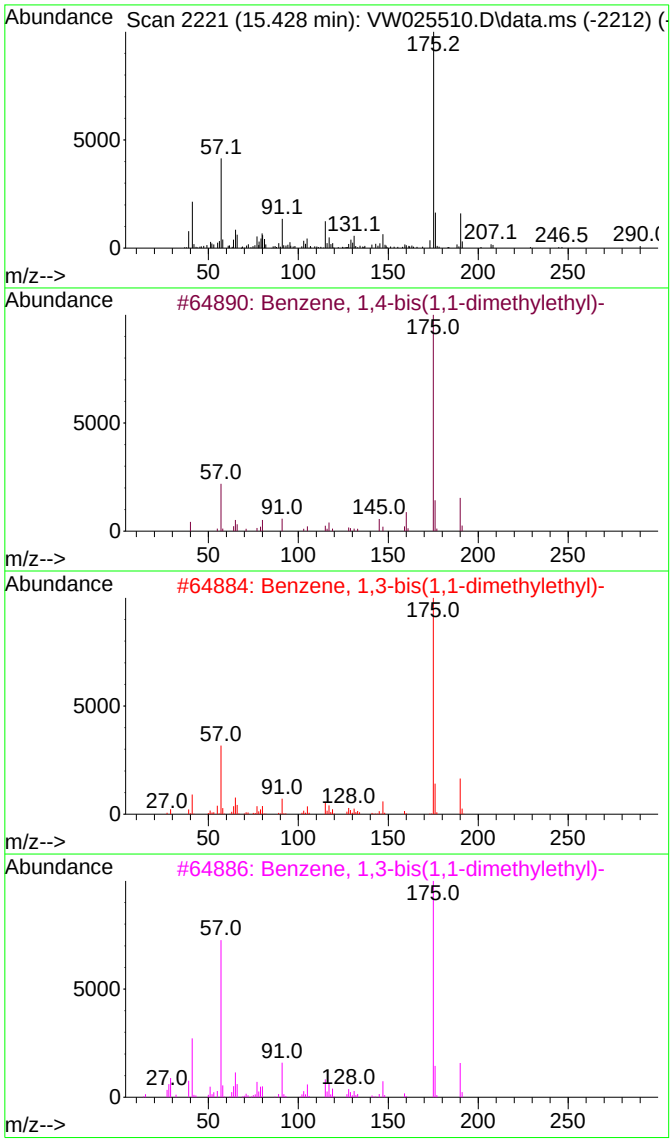
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

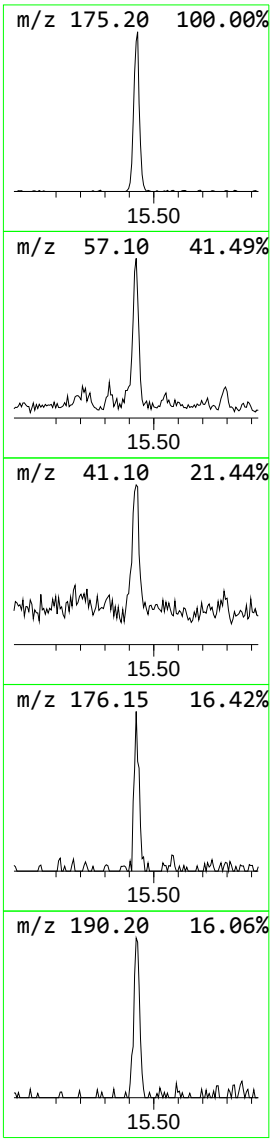
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, 1,4-bis(1,1-dimeth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.428	5.14 ug/L	89808	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	87
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	81
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	81
5	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025510.D
Acq On : 30 Mar 2023 18:11
Operator : SY/MD
Sample : 02130-15
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B5

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...	3.033	1.5	ug/L	99680	1	8.843	1717490	25.0
(DEL) Alkane: S...	3.393	2.4	ug/L	167532	1	8.843	1717490	25.0
(DEL) Alkane: S...	5.442	3.1	ug/L	213390	1	8.843	1717490	25.0
(DEL) Alkane: S...	5.941	4.3	ug/L	293699	1	8.843	1717490	25.0
(DEL) Alkane: S...	7.923	6.1	ug/L	419631	1	8.843	1717490	25.0
(DEL) Alkane: S...	8.033	3.2	ug/L	219579	1	8.843	1717490	25.0
(DEL) Alkane: S...	8.154	11.5	ug/L	792444	1	8.843	1717490	25.0
(DEL) Alkane: S...	8.423	2.1	ug/L	142822	1	8.843	1717490	25.0
(DEL) Alkane: S...	8.691	11.4	ug/L	779745	1	8.843	1717490	25.0
(DEL) Alkane: S...	9.380	1.5	ug/L	102772	1	8.843	1717490	25.0
(DEL) Alkane: S...	9.691	2.0	ug/L	139900	1	8.843	1717490	25.0
(DEL) Alkane: C...	9.746	2.9	ug/L	199172	1	8.843	1717490	25.0
(DEL) Alkane: S...	9.898	2.7	ug/L	183671	1	8.843	1717490	25.0
(DEL) Alkane: S...	9.953	4.9	ug/L	337037	1	8.843	1717490	25.0
(DEL) Alkane: S...	9.989	2.1	ug/L	146720	1	8.843	1717490	25.0
(DEL) Alkane: S...	10.093	12.5	ug/L	857451	1	8.843	1717490	25.0
(DEL) Alkane: S...	10.502	11.5	ug/L	641411	2	11.630	1390830	25.0
(DEL) Alkane: S...	10.770	2.3	ug/L	124960	2	11.630	1390830	25.0
unknown-01	11.063	1.8	ug/L	102095	2	11.630	1390830	25.0
(DEL) Alkane: S...	11.111	1.4	ug/L	77332	2	11.630	1390830	25.0
(DEL) Alkane: C...	11.178	1.5	ug/L	85138	2	11.630	1390830	25.0
(DEL) Alkane: S...	11.337	1.4	ug/L	76257	2	11.630	1390830	25.0
(DEL) Alkane: S...	11.404	5.4	ug/L	300023	2	11.630	1390830	25.0
(DEL) Alkane: S...	11.508	4.3	ug/L	237252	2	11.630	1390830	25.0
(DEL) Alkane: S...	11.733	3.2	ug/L	178879	2	11.630	1390830	25.0
(DEL) Alkane: S...	11.837	5.2	ug/L	290922	2	11.630	1390830	25.0
trans-1-Butenyl...	12.239	1.4	ug/L	77142	2	11.630	1390830	25.0
(DEL) Alkane: S...	12.831	2.6	ug/L	45616	3	13.556	436429	25.0
(DEL) Alkane: S...	12.928	3.9	ug/L	67616	3	13.556	436429	25.0
(DEL) Alkane: S...	12.995	1.8	ug/L	31135	3	13.556	436429	25.0
.alpha.-Methyls...	13.117	4.0	ug/L	69578	3	13.556	436429	25.0
unknown-02	13.641	2.6	ug/L	45584	3	13.556	436429	25.0
unknown-03	14.196	1.5	ug/L	25489	3	13.556	436429	25.0
unknown-04	14.318	1.6	ug/L	28018	3	13.556	436429	25.0
Bicyclo[4.2.0]o...	14.416	2.7	ug/L	47321	3	13.556	436429	25.0
unknown-05	14.720	1.4	ug/L	24189	3	13.556	436429	25.0
Benzene, 1,4-bi...	15.428	5.1	ug/L	89808	3	13.556	436429	25.0