LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

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\SFAMWLM081023SMA.M
Title : SFAM01.0

Signal : TIC: VW026844.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.960	8	12	34	rVB2	89705	221443	12.25%	0.918%
2	2.174	41	47	57	rBV2	16262	32910	1.82%	0.136%
3	2.363	66	78	89	rBV2	96769	267250	14.78%	1.108%
4	2.893	157	165	180	rVB	49424	143593	7.94%	0.595%
5	3.027	180	187	199	rBV	37020	96358	5.33%	0.399%
6	3.393	238	247	267	rVB3	48596	142178	7.86%	0.589%
7	4.027	338	351	361	rVV2	116118	426354	23.58%	1.767%
8	4.125	361	367	384	rVB	65167	183584	10.15%	0.761%
9	4.387	399	410	426	rBV2	35688	122582	6.78%	0.508%
10	4.960	485	504	531	rBV4	48898	263514	14.57%	1.092%
11	5.441	570	583	600	rVV2	44954	159560	8.82%	0.661%
12	5.783	626	639	650	rVV5	17580	66934	3.70%	0.277%
13	5.935	655	664	678	rVB2	38140	120671	6.67%	0.500%
14	6.892	811	821	827	rBV5	9344	29911	1.65%	0.124%
15	6.984	827	836	844	rVV3	18510	54347	3.01%	0.225%
16	7.081	844	852	860	rVV	64353	187333	10.36%	0.776%
17	7.167	862	866	880	rVB3	25929	77620	4.29%	0.322%
18	7.648	933	945	964	rBV	317537	816944	45.18%	3.386%
19	7.923	983	990	1001	rVV3	50773	159634	8.83%	0.662%
20	8.032	1001	1008	1019	rVB4	32358	97039	5.37%	0.402%
21	8.154	1019	1028	1037	rBV	98407	217940	12.05%	0.903%
22	8.276	1037	1048	1065	rVV2	578364	1808310	100.00%	7.495%
23	8.423	1065	1072	1080	rVV4	22084	54593	3.02%	0.226%
24	8.569	1092	1096	1107	rVB7	17019	46316	2.56%	0.192%
25	8.697	1109	1117	1128	rVB	52494	116520	6.44%	0.483%
26	8.843	1130	1141	1153	rBV	657574	1328252	73.45%	5.505%
27	9.087	1172	1181	1195	rVB10	22118	68748	3.80%	0.285%
28	9.276	1203	1212	1218	rBV	422389	907276	50.17%	3.761%
29	9.331	1218	1221	1226	rVV2	67222	126704	7.01%	0.525%
30	9.380	1226	1229	1240	rVB3	22660	57428	3.18%	0.238%
31	9.520	1244	1252	1257	rVB3	19575	39860	2.20%	0.165%
32	9.691	1272	1280	1284	rBV5	14067	32359	1.79%	0.134%
33	9.752	1284	1290	1295	rVV3	28862	56730	3.14%	0.235%
34	9.898	1310	1314	1318	rVV3	22010	39994	2.21%	0.166%
35	9.953	1318	1323	1327	rVV3	53339	107075	5.92%	0.444%
36	10.032	1331	1336	1341	rVV	153350	286544	15.85%	1.188%

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

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

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\SFAMWLM081023SMA.M
Title : SFAM01.0

37	10.093	1341	1346	1358	rVB3	77729	214061	11.84%	0.887%
38	10.319	1375	1383	1391	rBV	777884	1451008	80.24%	6.014%
39	10.386	1391	1394	1400	rVB2	32082	57683	3.19%	0.239%
40	10.502	1406	1413	1419	rVB2	78626	155292	8.59%	0.644%
41	10.575	1419	1425	1435	rBV	101716	213150	11.79%	0.883%
42	10.666	1435	1440	1449	rVB3	36462	72236	3.99%	0.299%
43	10.758	1449	1455	1465	rVB9	22718	54739	3.03%	0.227%
44	10.922	1475	1482	1490	rBV2	208802	396584	21.93%	1.644%
45	11.032	1492	1500	1503	rBV2	34638	64620	3.57%	0.268%
46	11.178	1520	1524	1527	rVV	48798	64149	3.55%	0.266%
47	11.227	1527	1532	1538	rVB	120645	199429	11.03%	0.827%
48	11.337	1545	1550	1553	rVB3	33641	50988	2.82%	0.211%
49	11.410	1553	1562	1563	rBV4	39456	88410	4.89%	0.366%
50	11.507	1573	1578	1584	rBV	57891	99977	5.53%	0.414%
51	11.629	1591	1598	1608	rBV	857971	1440872	79.68%	5.972%
52	11.727	1609	1614	1618	rBV2	63394	110933	6.13%	0.460%
53	11.837	1623	1632	1636	rBV2	124138	282028	15.60%	1.169%
54	11.971	1649	1654	1659	rBV2	22333	45357	2.51%	0.188%
55	12.050	1661	1667	1673	rVB6	18205	52096	2.88%	0.216%
56	12.135	1673	1681	1692	rBV4	101998	375588	20.77%	1.557%
57	12.245	1692	1699	1704	rVB2	101335	195459	10.81%	0.810%
58	12.361	1704	1718	1724	rBV3	192356	607233	33.58%	2.517%
59	12.465	1730	1735	1739	rBV5	44202	91011	5.03%	0.377%
60	12.611	1754	1759	1763	rBV4	24439	37201	2.06%	0.154%
61	12.690	1767	1772	1782	rVV	397930	739499	40.89%	3.065%
62	12.776	1782	1786	1793	rVB3	150613	280654	15.52%	1.163%
63	12.861	1793	1800	1804	rBV6	78922	190141	10.51%	0.788%
64	12.934	1805	1812	1819	rBV5	149832	370515	20.49%	1.536%
65	13.074	1831	1835	1839	rVV2	53976	94725	5.24%	0.393%
66	13.117	1839	1842	1845	rVV3	50277	82043	4.54%	0.340%
67	13.160	1845	1849	1858	rVV3	152401	310898	17.19%	1.289%
68	13.251	1859	1864	1867	rVV	98321	165469	9.15%	0.686%
69	13.288	1867	1870	1875	rVV2	48804	88055	4.87%	0.365%
70	13.336	1875	1878	1881	rVV4	37259	59583	3.29%	0.247%
71	13.379	1882	1885	1887	rVV2	48560	70361	3.89%	0.292%
72	13.440	1890	1895	1899	rVV3	132989	265819	14.70%	1.102%
73	13.477	1899	1901	1906	rVV3	70585	116322	6.43%	0.482%
74	13.556	1908	1914	1922	rVB2	642403	1120400	61.96%	4.644%
75	13.690	1932	1936	1941	rBV5	43732	87896	4.86%	0.364%
76	13.745	1941	1945	1949	rVV2	49223	79630	4.40%	0.330%

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Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

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\SFAMWLM081023SMA.M
Title : SFAM01.0

77	13.849	1956	1962	1971	rBV2	507648	1221652	67.56%	5.064%
78	13.946	1975	1978	1981	rVB	39701	50317	2.78%	0.209%
79	14.007	1984	1988	1991	rBV3	71959	109121	6.03%	0.452%
80	14.092	1998	2002	2006	rVB	102532	152849	8.45%	0.634%
81	14.202	2014	2020	2024	rBV2	191331	323122	17.87%	1.339%
82	14.251	2024	2028	2035	rVB5	73389	157950	8.73%	0.655%
83	14.336	2035	2042	2045	rBV5	102406	195594	10.82%	0.811%
84	14.379	2045	2049	2052	rVV5	100491	144134	7.97%	0.597%
85	14.415	2052	2055	2058	rVV2	81243	106899	5.91%	0.443%
86	14.452	2058	2061	2065	rVB	112908	144402	7.99%	0.599%
87	14.495	2065	2068	2071	rBV	71496	82073	4.54%	0.340%
88	14.544	2071	2076	2083	rVB4	86618	209833	11.60%	0.870%
89	14.635	2087	2091	2095	rVB3	58481	93813	5.19%	0.389%
90	14.690	2095	2100	2101	rBV3	31455	46526	2.57%	0.193%
91	14.720	2102	2105	2110	rVB3	91936	145094	8.02%	0.601%
92	14.787	2111	2116	2122	rBV3	152281	425485	23.53%	1.764%
93	14.952	2140	2143	2148	rBV3	35149	54503	3.01%	0.226%
94	15.062	2156	2161	2164	rBV4	86616	158676	8.77%	0.658%
95	15.165	2173	2178	2187	rVB4	119246	278048	15.38%	1.152%
96	15.318	2198	2203	2206	rBV3	100584	168415	9.31%	0.698%
97	15.360	2206	2210	2214	rVB	66512	110830	6.13%	0.459%
98	15.647	2250	2257	2264	rBV	30600	87219	4.82%	0.362%
99	15.720	2265	2269	2274	rVB6	34556	59864	3.31%	0.248%
100	16.275	2355	2360	2367	rVB2	48265	92992	5.14%	0.385%

Sum of corrected areas: 24125933

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
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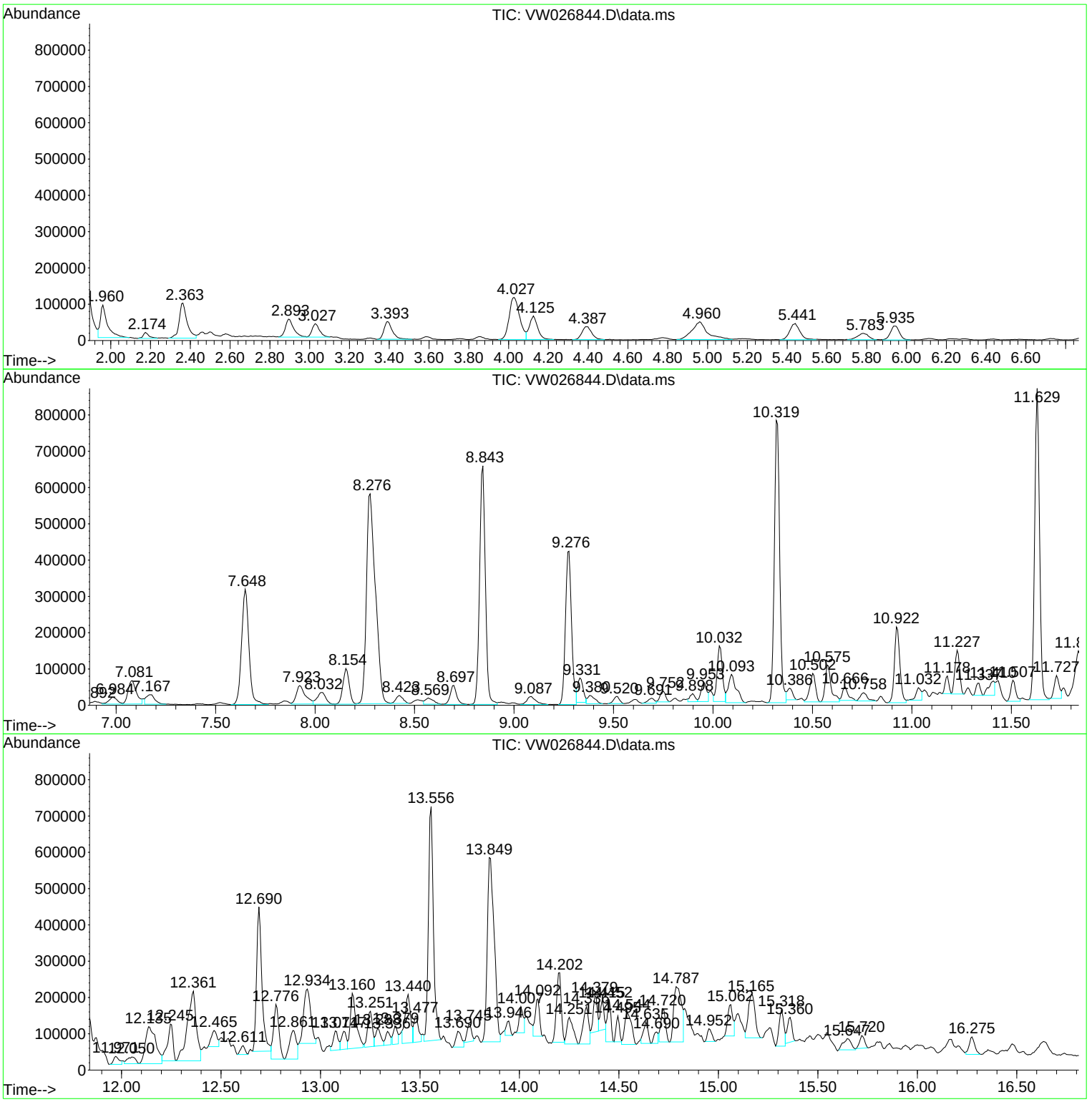
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
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Operator : SY/MD
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Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

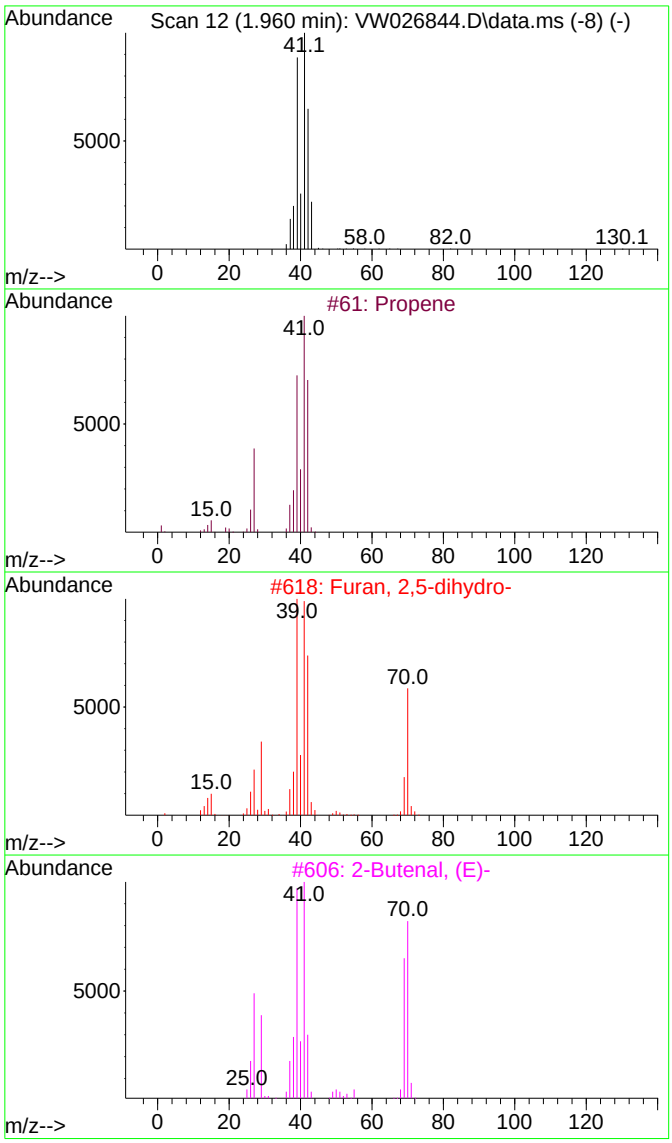
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

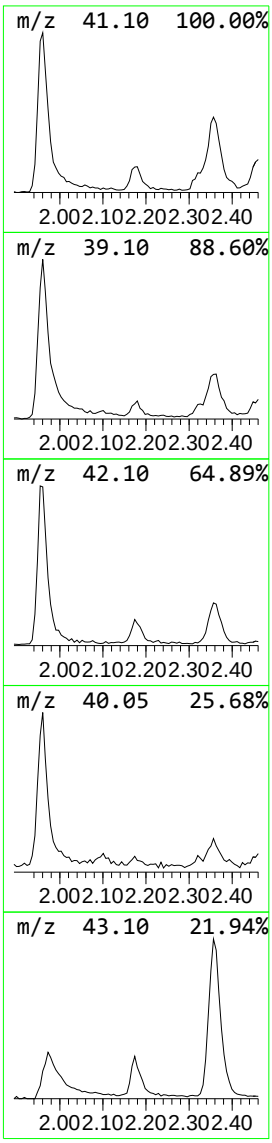
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.960	4.17 ug/L	221443	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
3	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
4	Oxirane, ethenyl-	70	C4H6O	000930-22-3	78
5	Propene	42	C3H6	000115-07-1	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

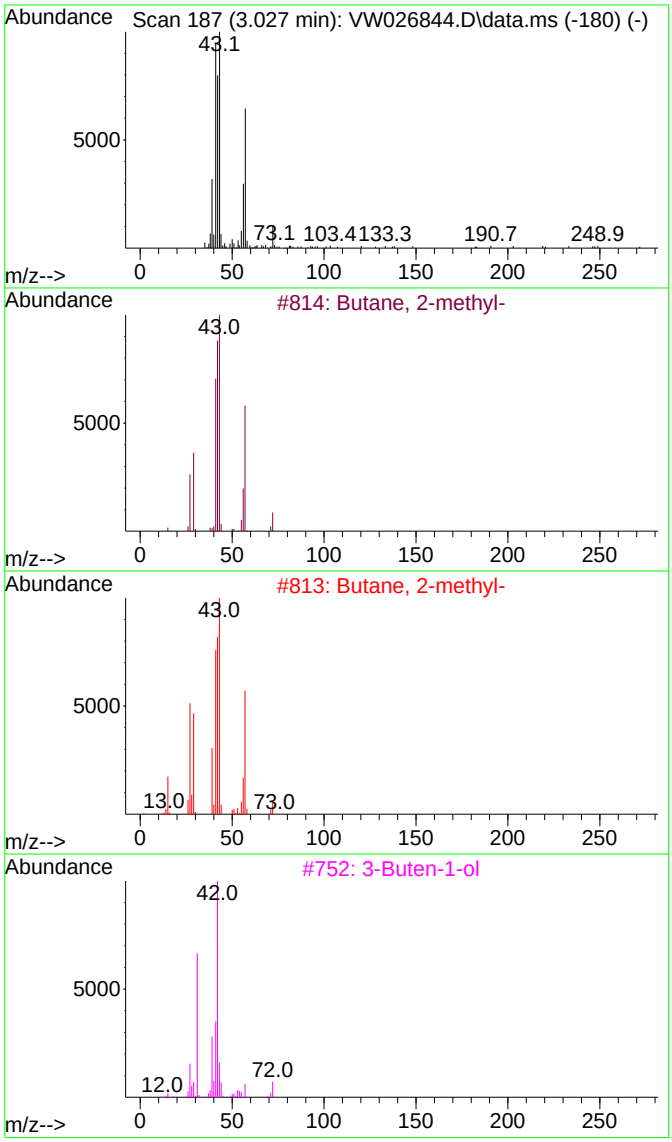
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

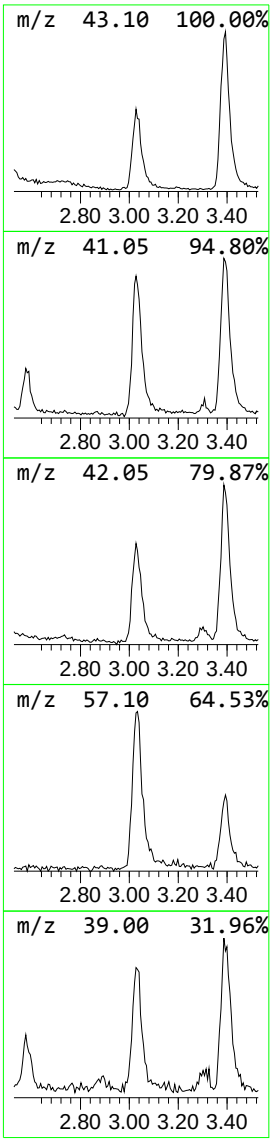
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.027	1.81 ug/L	96358	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	80
3	3-Buten-1-ol	72	C4H8O	000627-27-0	37
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	36
5	Pentane	72	C5H12	000109-66-0	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

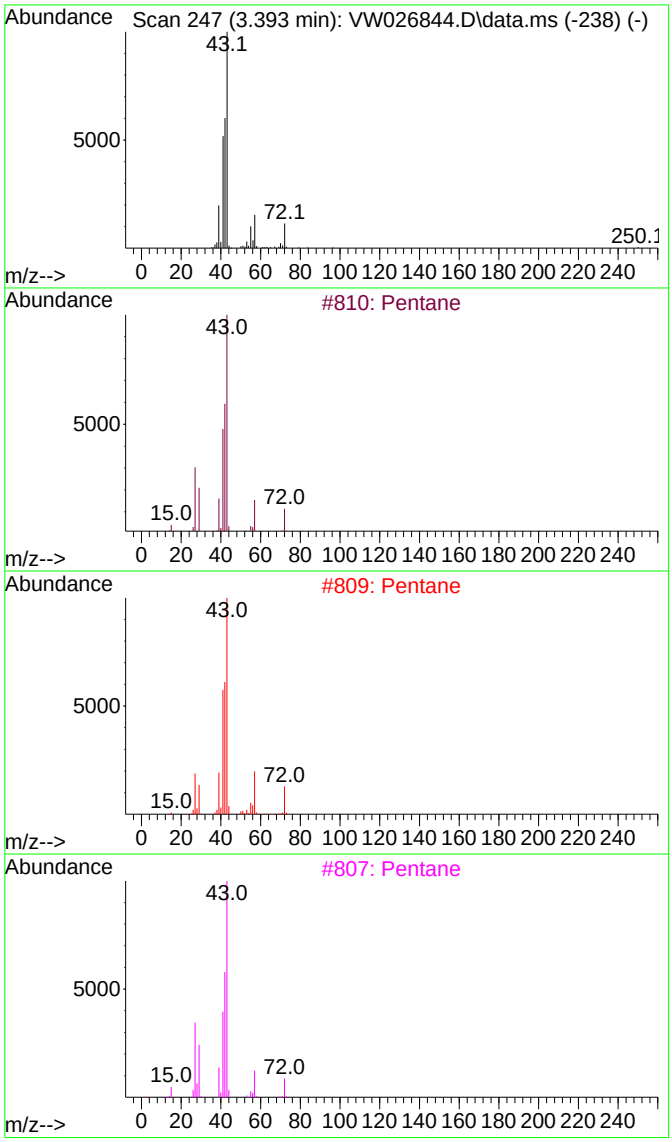
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

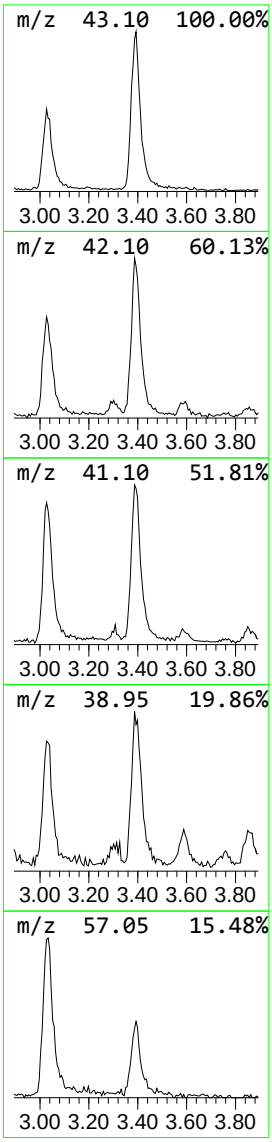
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	2.68 ug/L	142178	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	78
5	Pentane	72	C5H12	000109-66-0	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
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Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

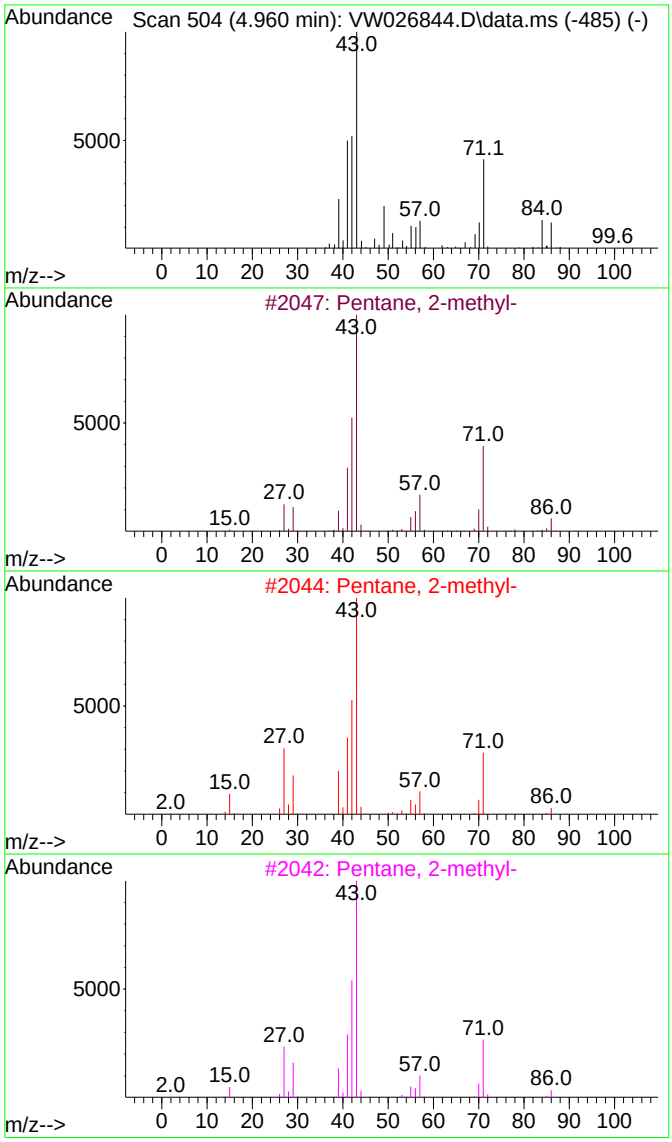
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

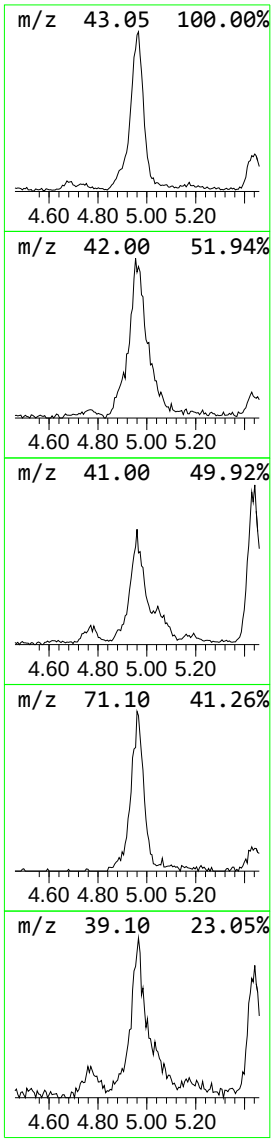
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.960	4.96 ug/L	263514	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	43
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	38
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	38
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	38
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

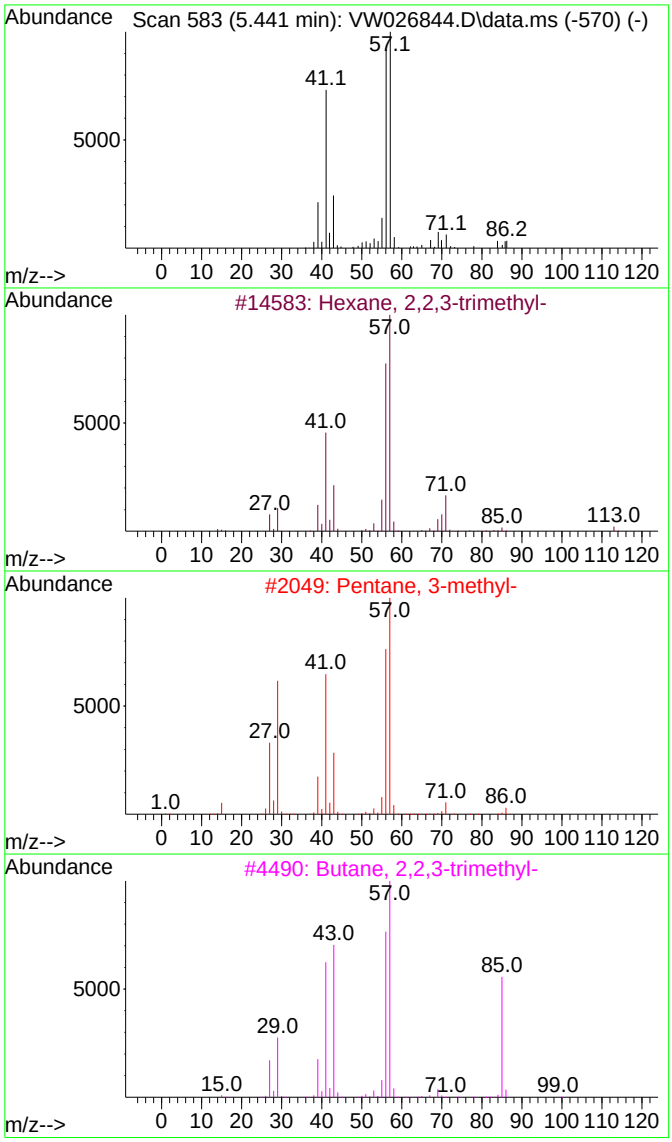
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

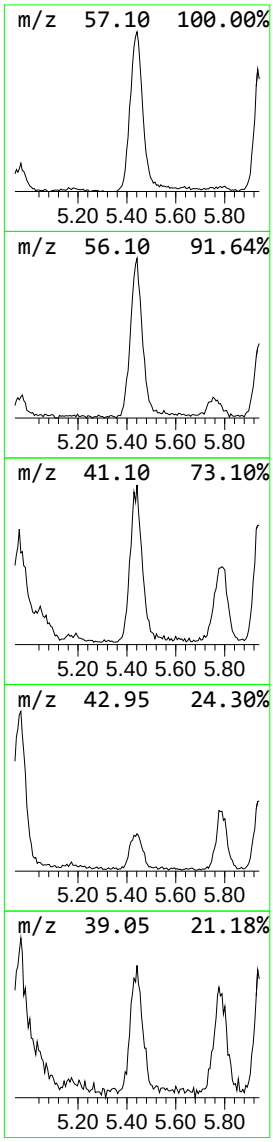
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.441	3.00 ug/L	159560	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	64
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	56
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	53
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

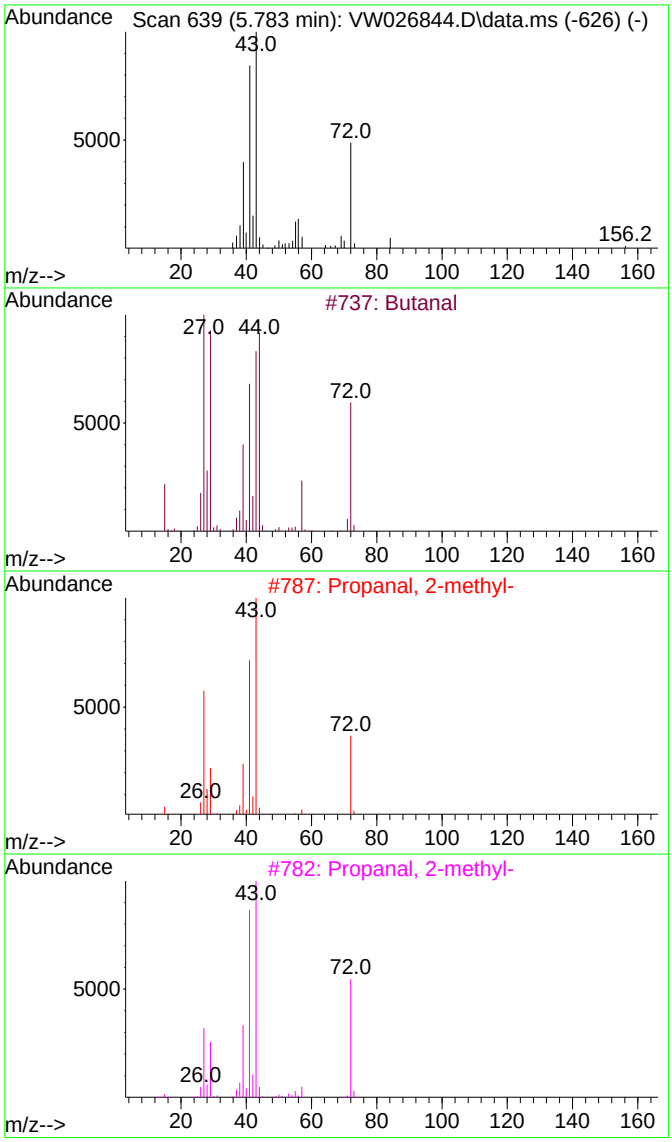
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

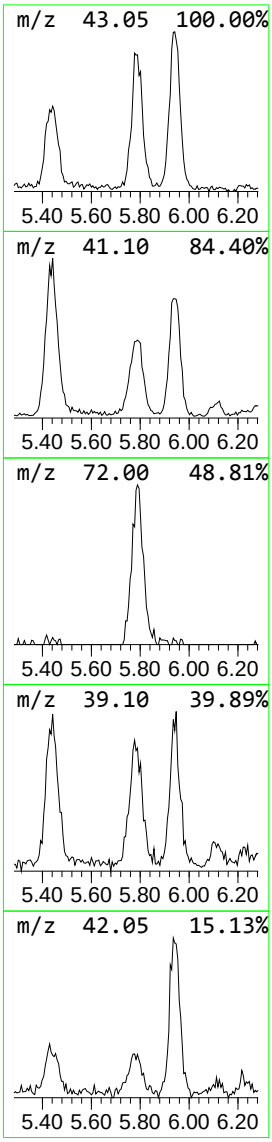
****

Peak Number 6 Butanal Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.783	1.26 ug/L	66934	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	72
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	52
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	52
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	49
5	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

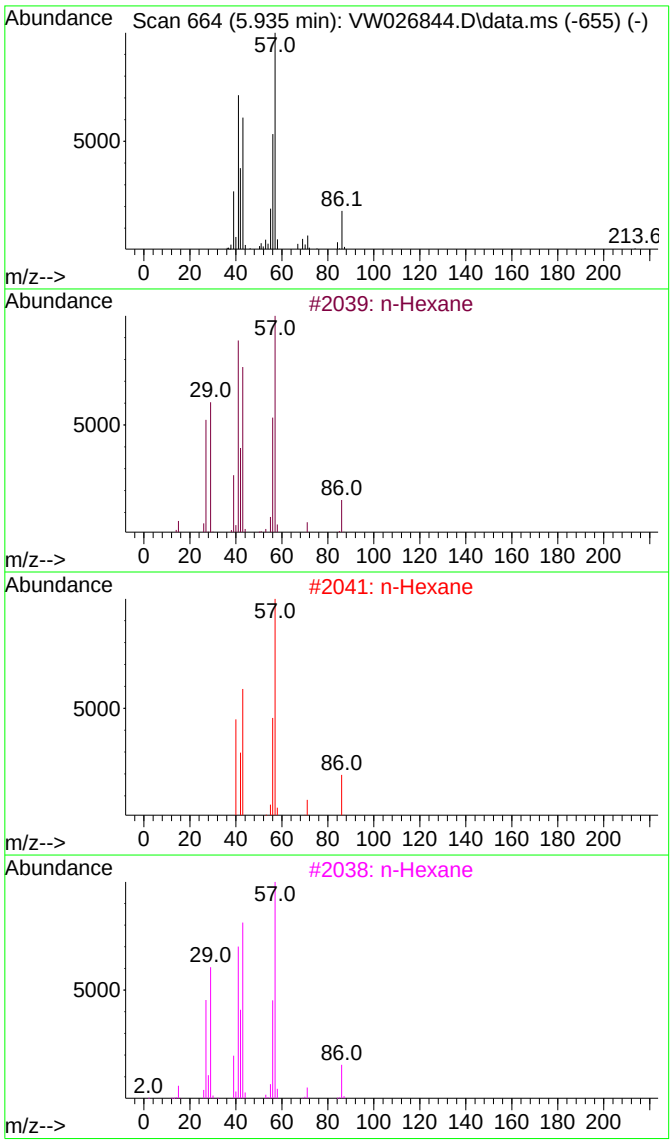
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

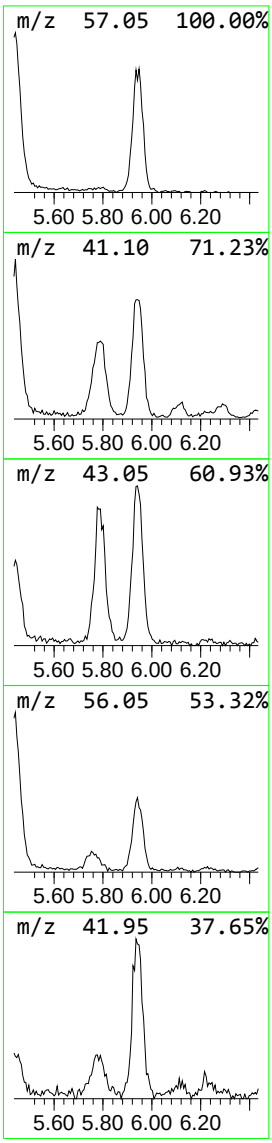
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.935	2.27 ug/L	120671	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	87
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	72
4	n-Hexane	86	C6H14	000110-54-3	64
5	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

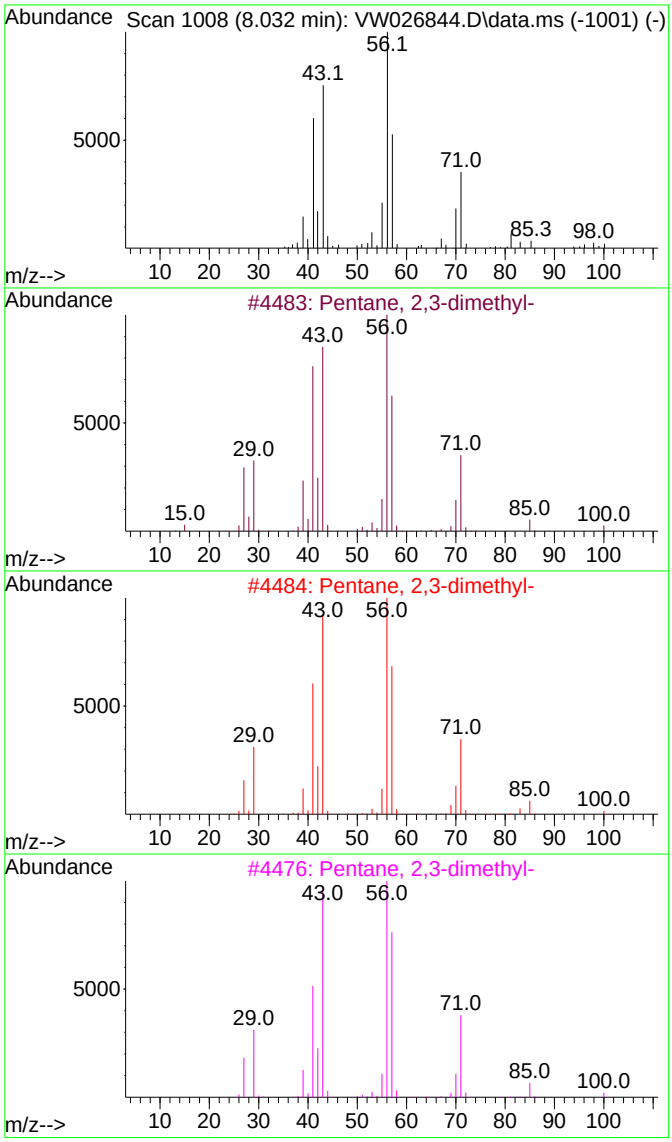
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

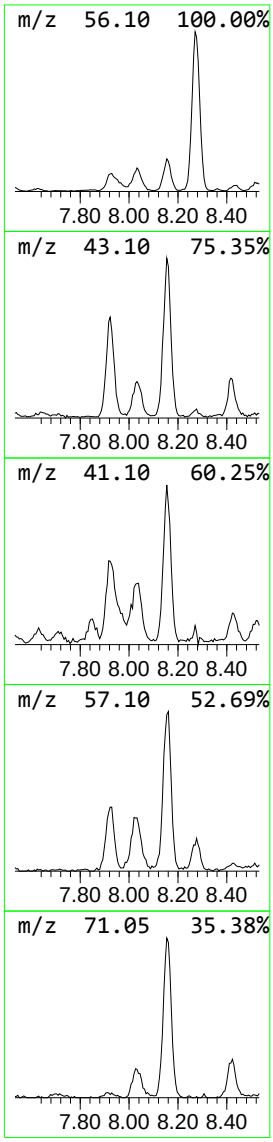
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.032	1.83 ug/L	97039	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	83
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	53
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	53
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

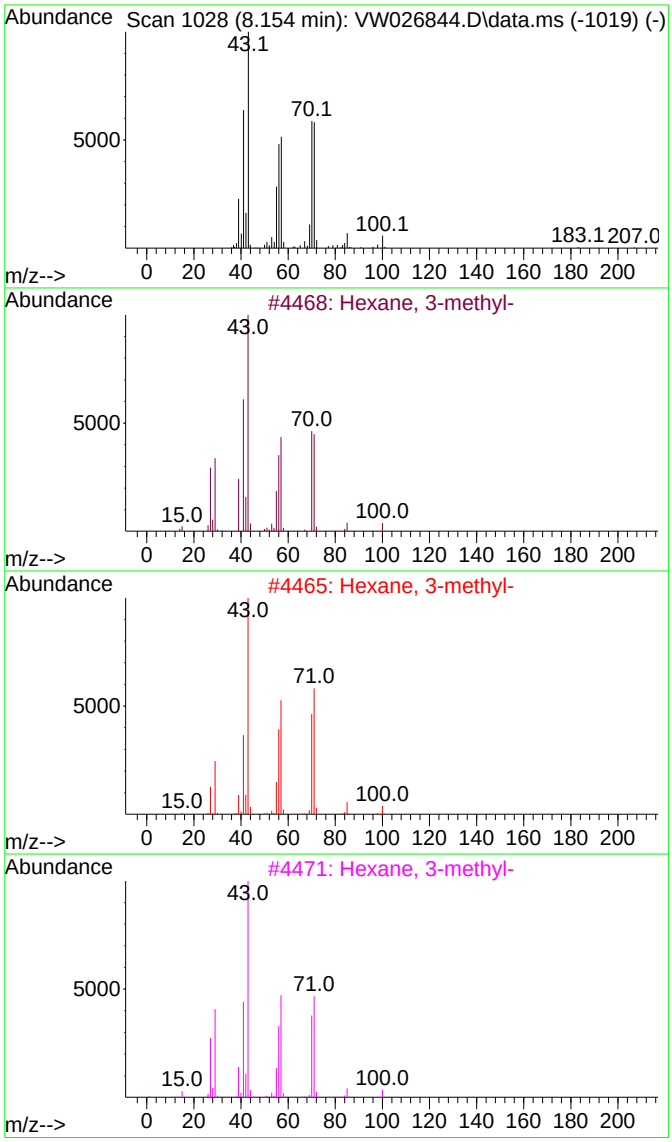
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

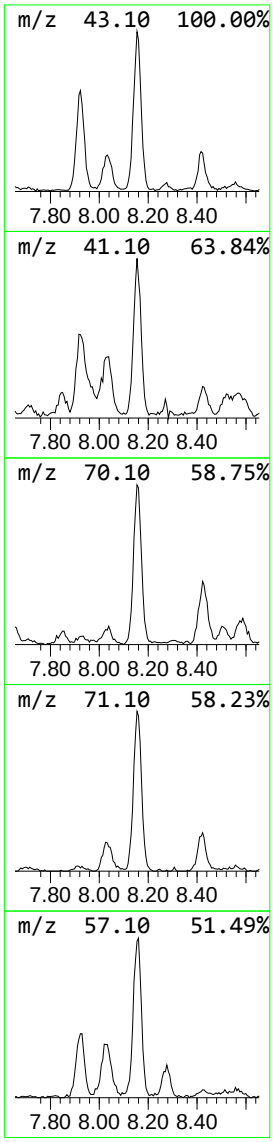
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.154	4.10 ug/L	217940	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	83
4	Heptane	100	C7H16	000142-82-5	58
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

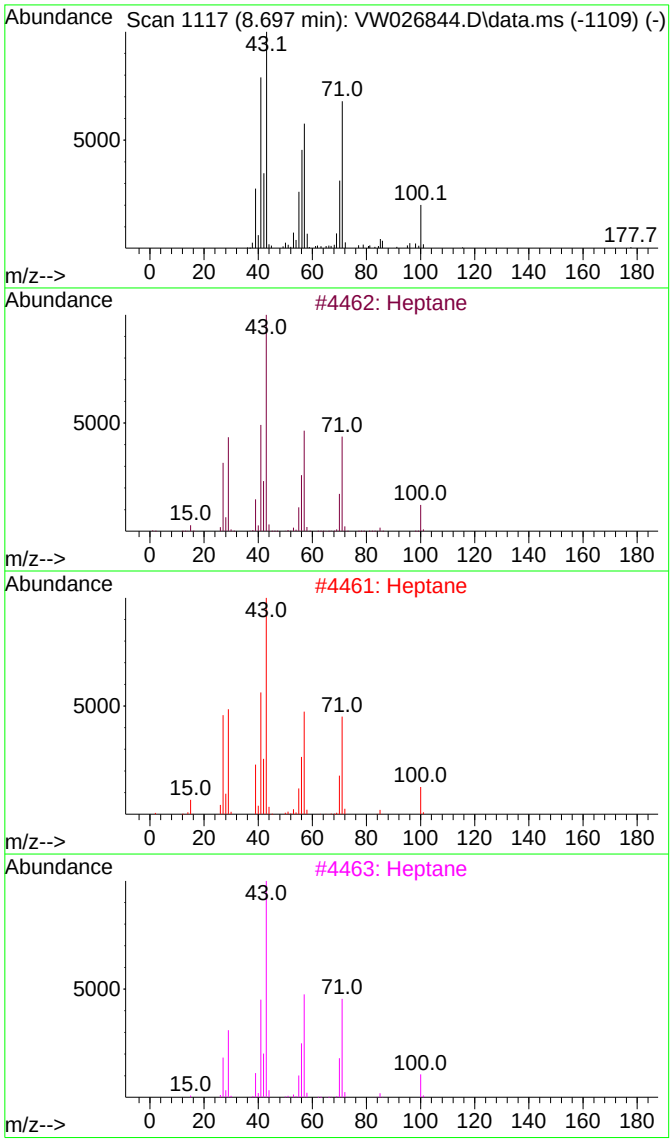
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

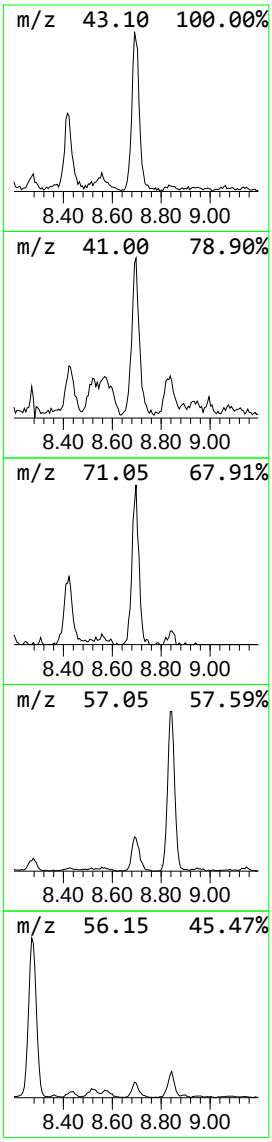
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.697	2.19 ug/L	116520	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	83
2	Heptane	100	C7H16	000142-82-5	80
3	Heptane	100	C7H16	000142-82-5	72
4	Octane	114	C8H18	000111-65-9	53
5	Heptane	100	C7H16	000142-82-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

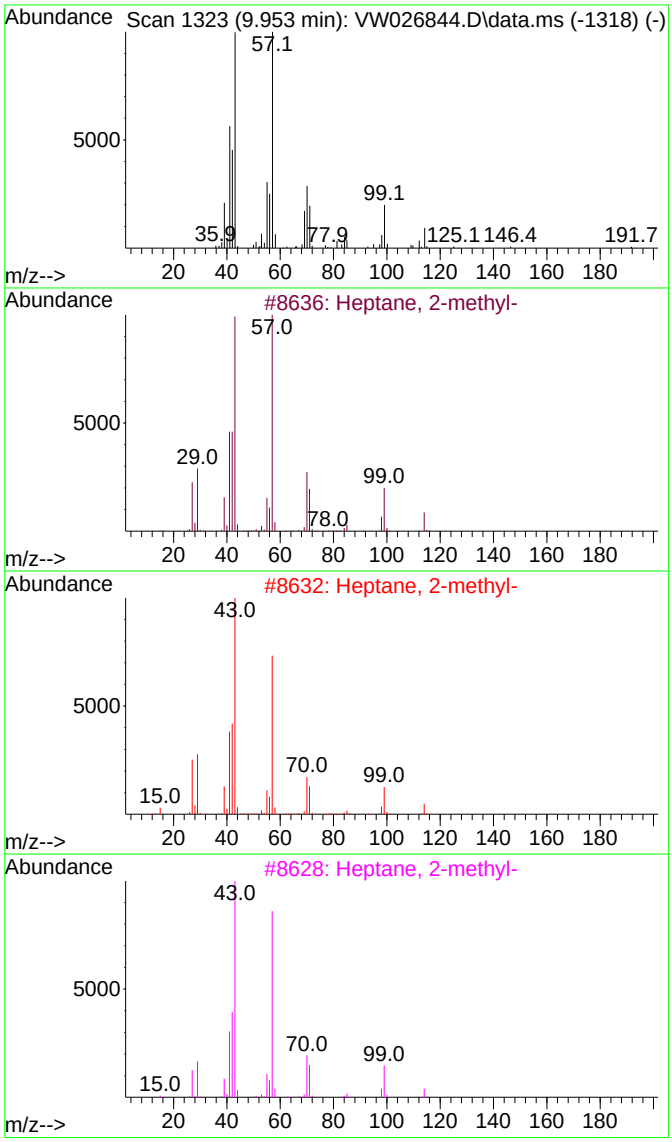
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

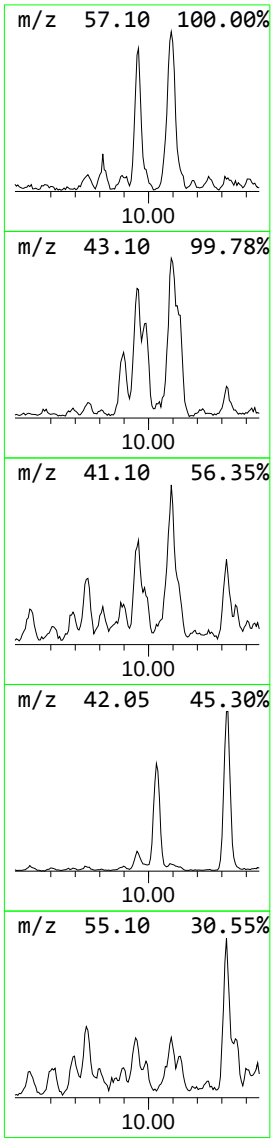
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.953	2.02 ug/L	107075	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	93
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

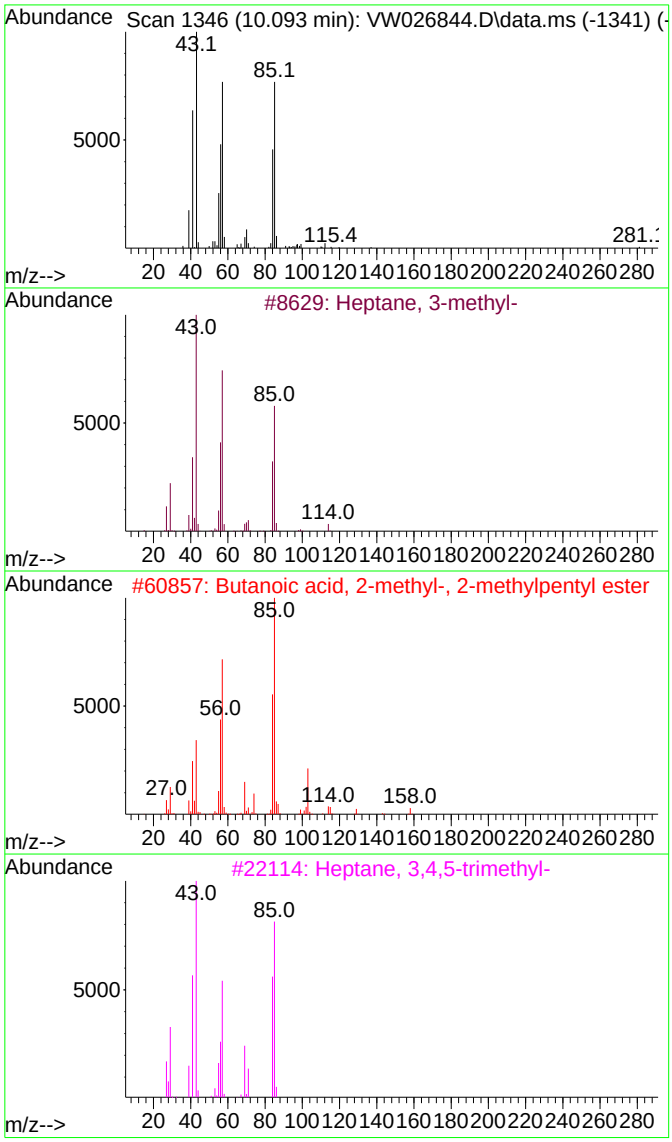
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

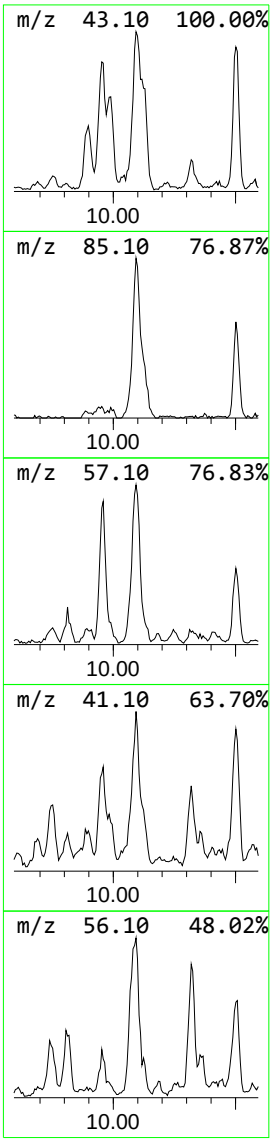
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	4.03 ug/L	214061	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	Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	72
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	72
4	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

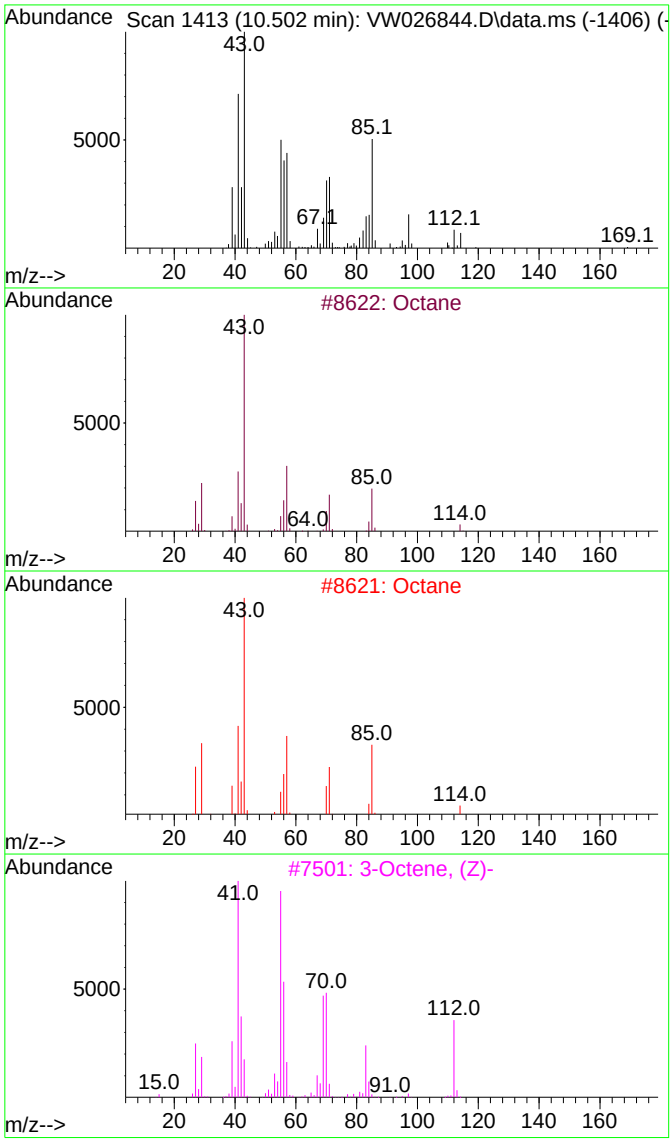
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

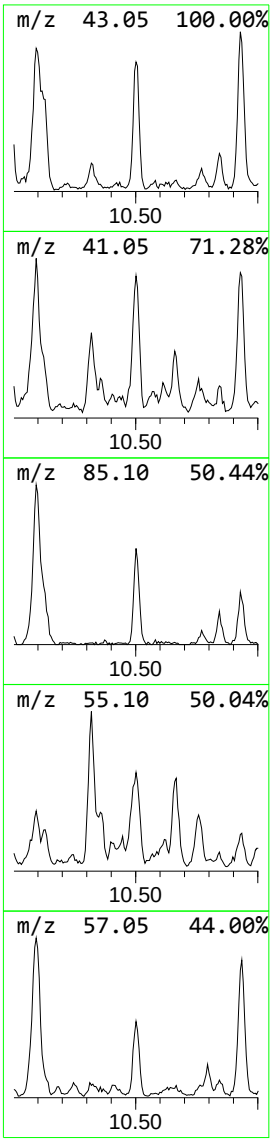
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	2.69 ug/L	155292	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	72
2	Octane	114	C8H18	000111-65-9	52
3	3-Octene, (Z)-	112	C8H16	014850-22-7	50
4	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	50
5	Octane	114	C8H18	000111-65-9	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

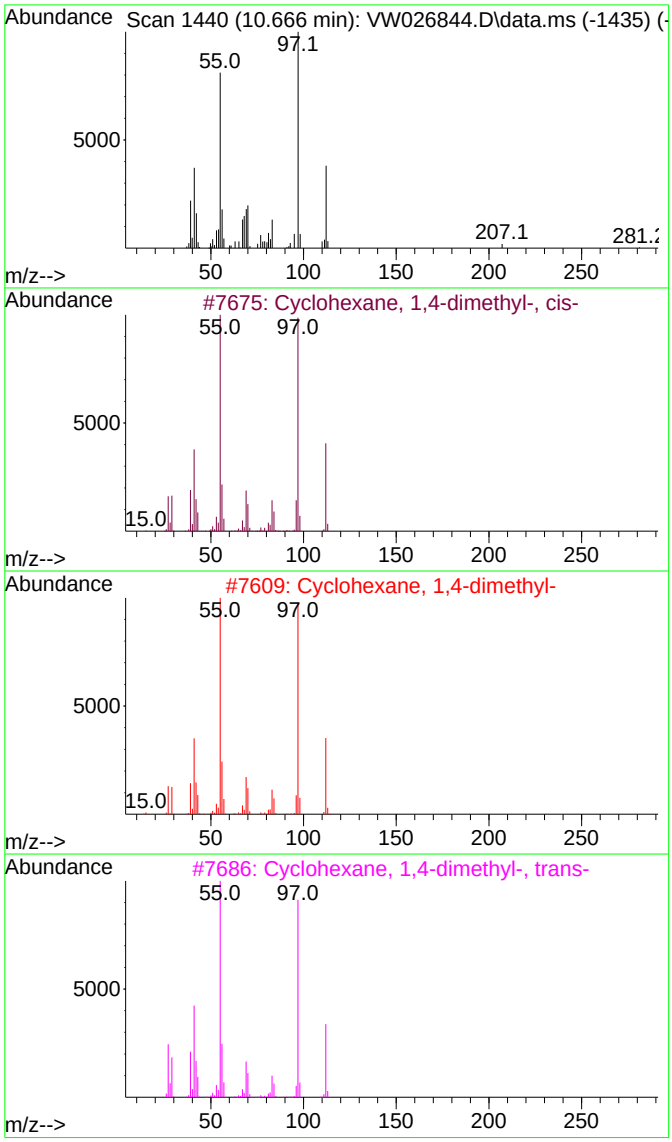
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

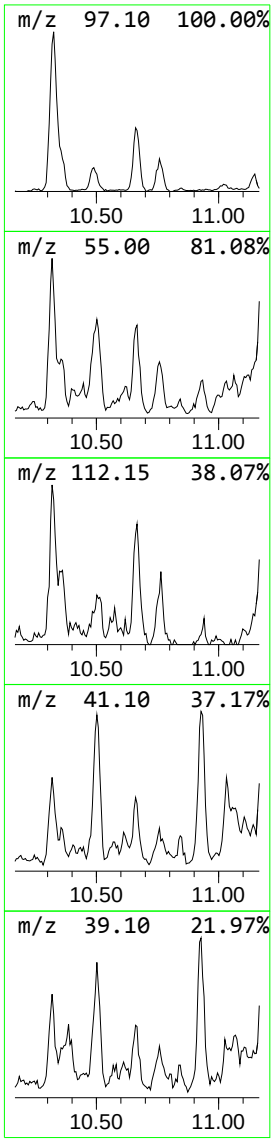
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic10.666 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	1.25 ug/L	72236	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	81
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	80
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	80
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

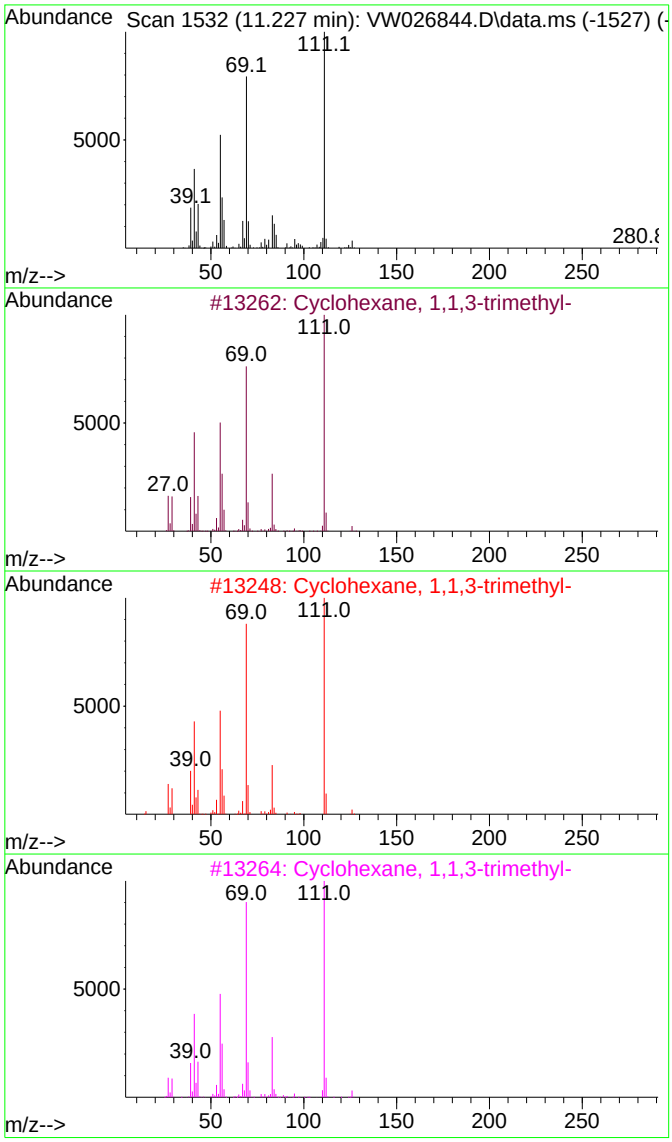
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

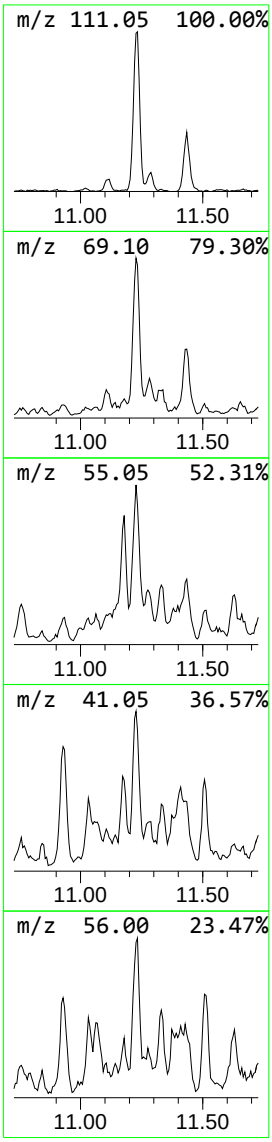
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic11.227 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	3.46 ug/L	199429	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

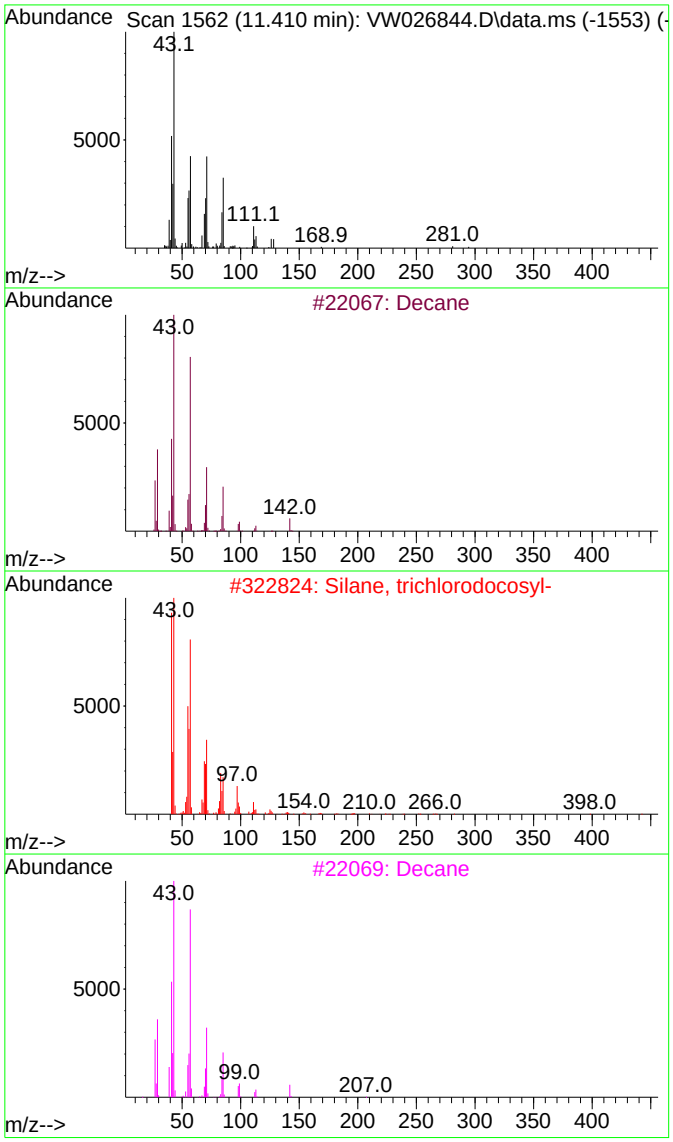
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

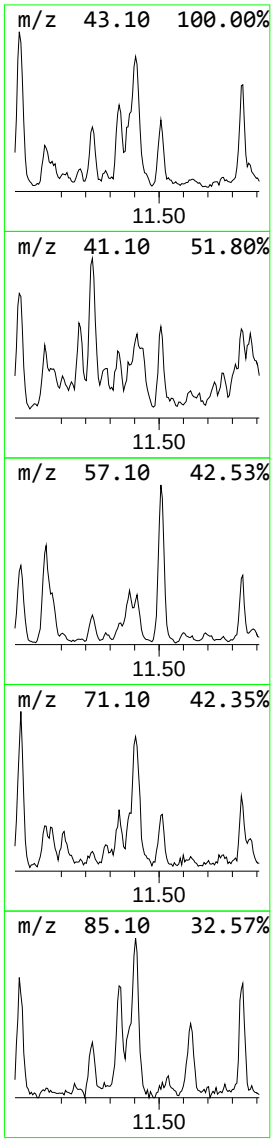
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.410	1.53 ug/L	88410	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	72
2	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	64
3	Decane	142	C10H22	000124-18-5	59
4	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	59
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

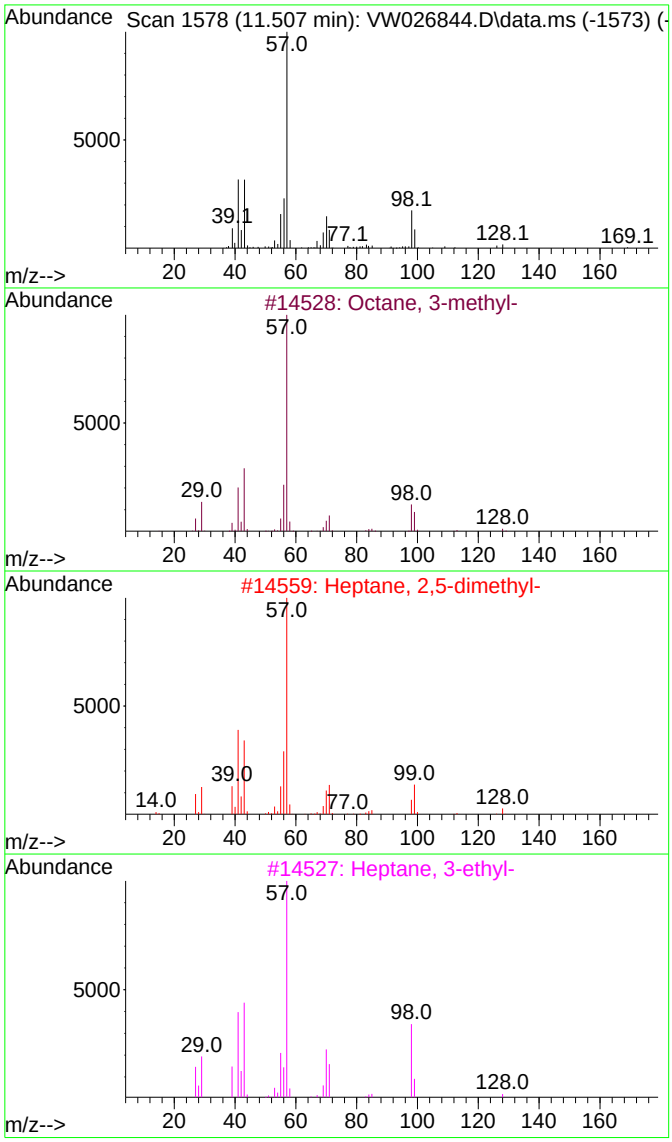
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

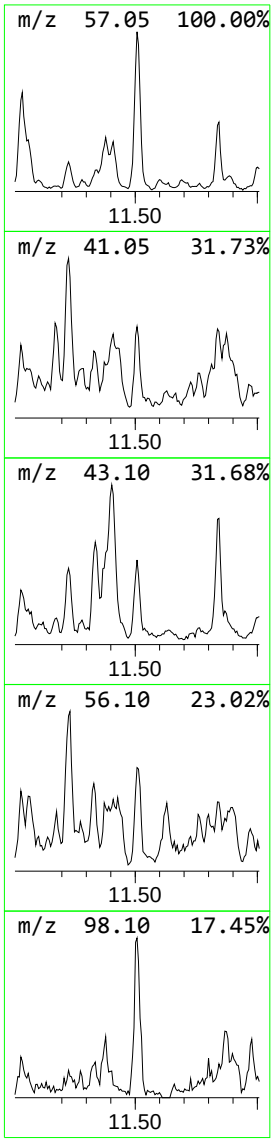
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.508	1.73 ug/L	99977	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	80
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	68
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
4	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

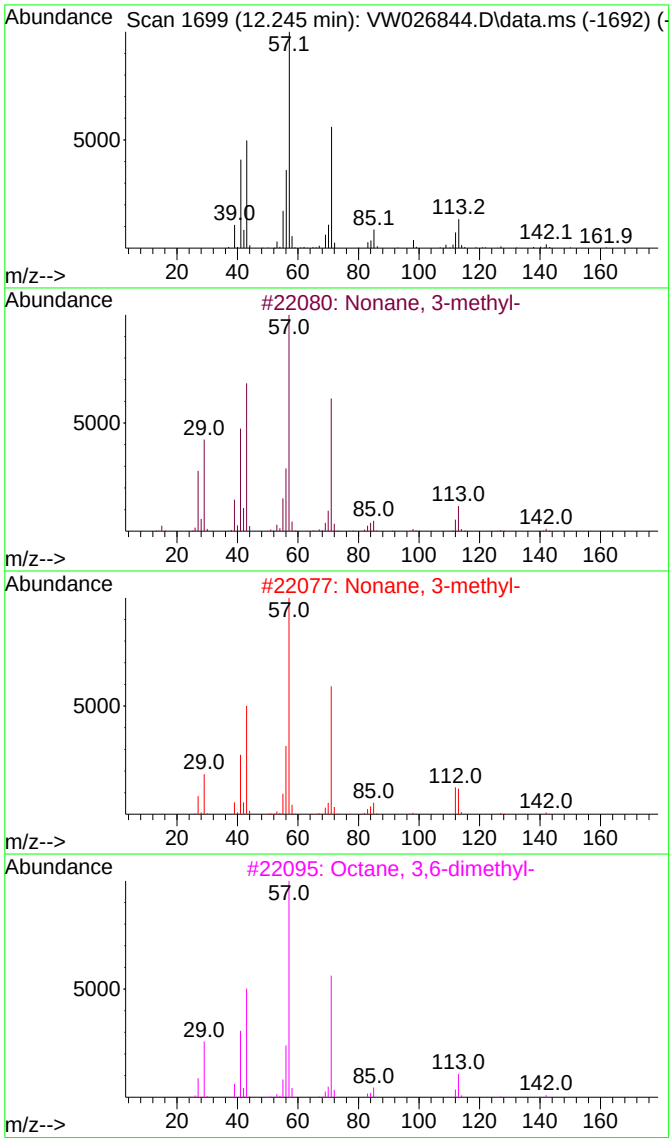
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

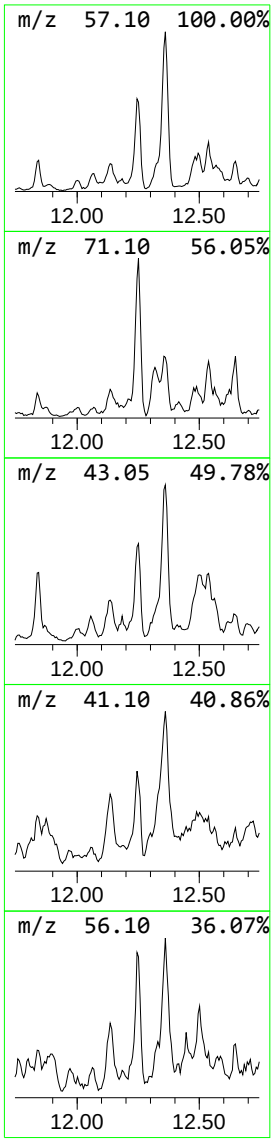
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	3.39 ug/L	195459	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

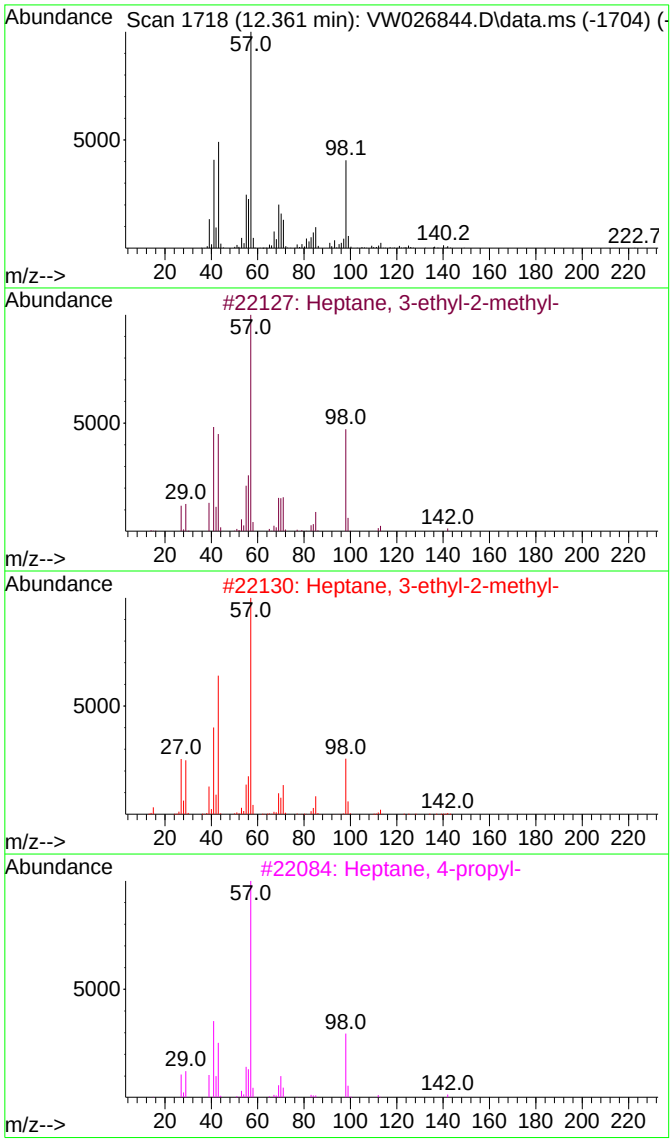
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

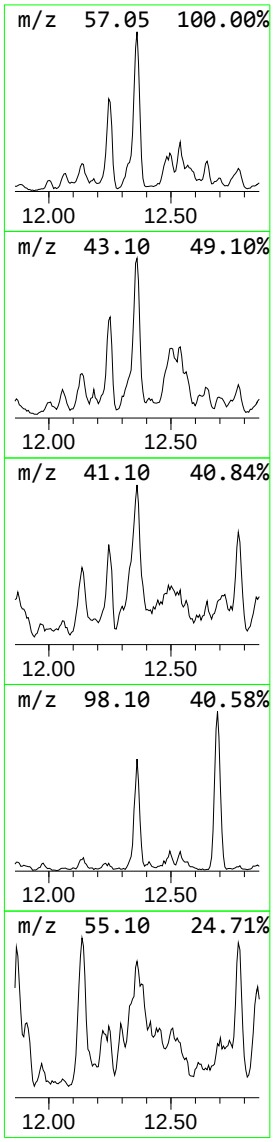
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	10.54 ug/L	607233	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	83
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	59
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

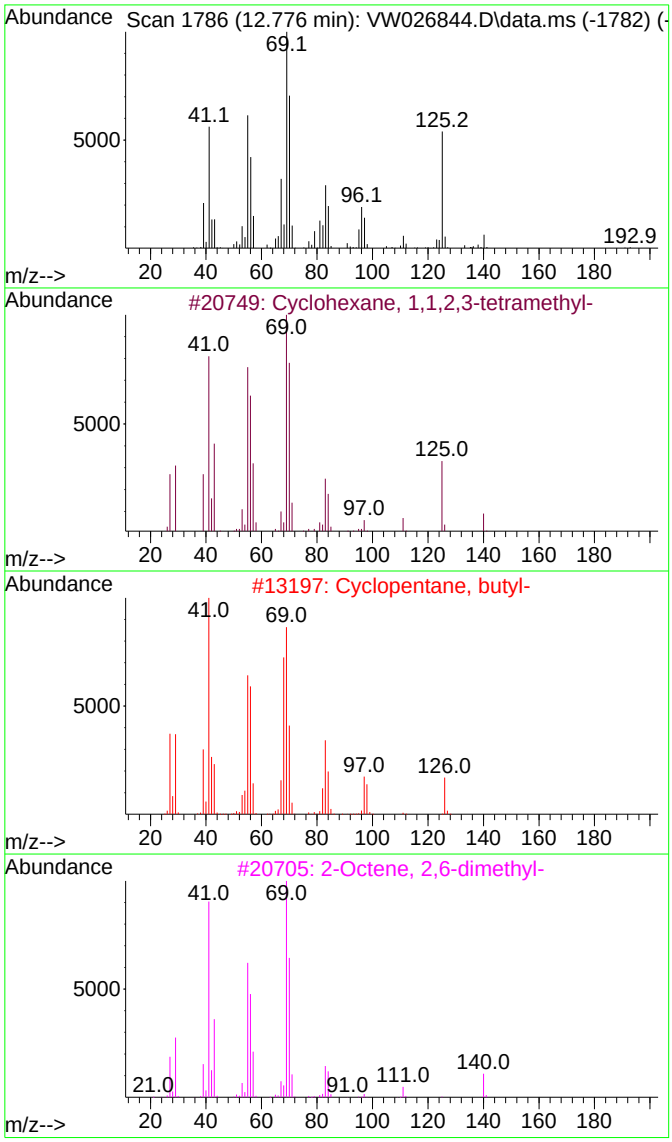
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

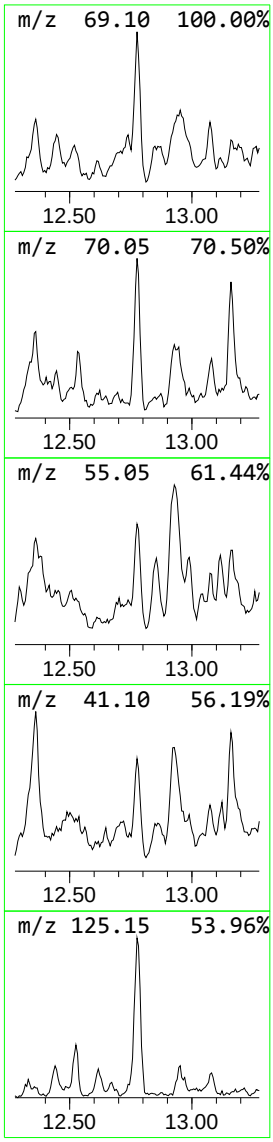
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic12.775 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	6.26 ug/L	280654	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	70
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	58
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
5	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

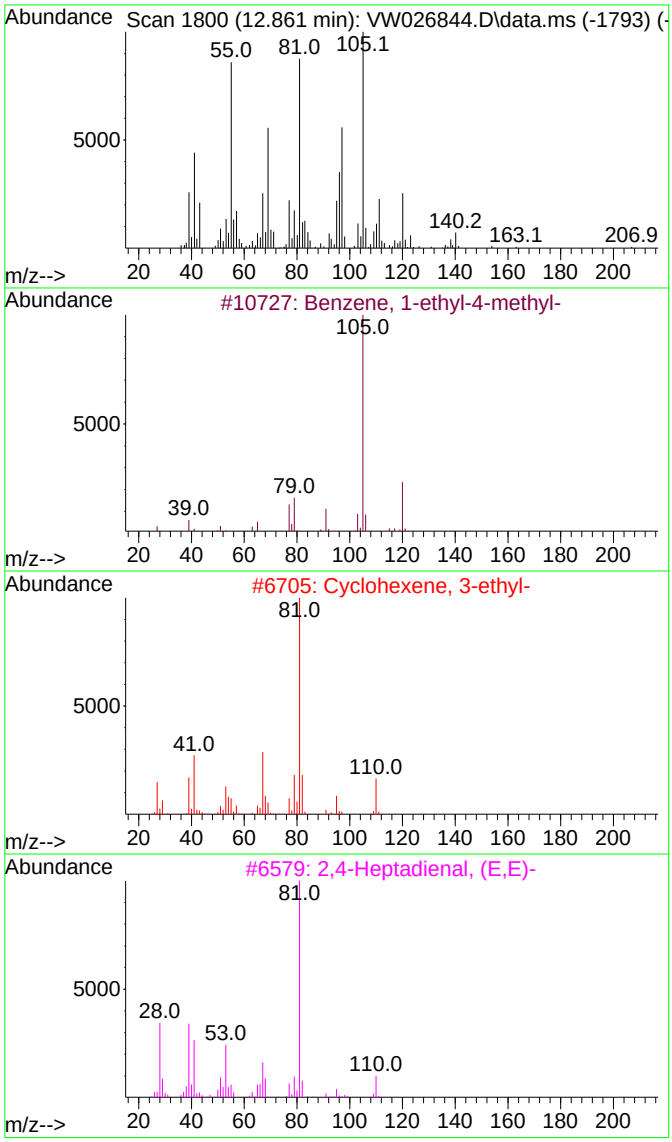
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

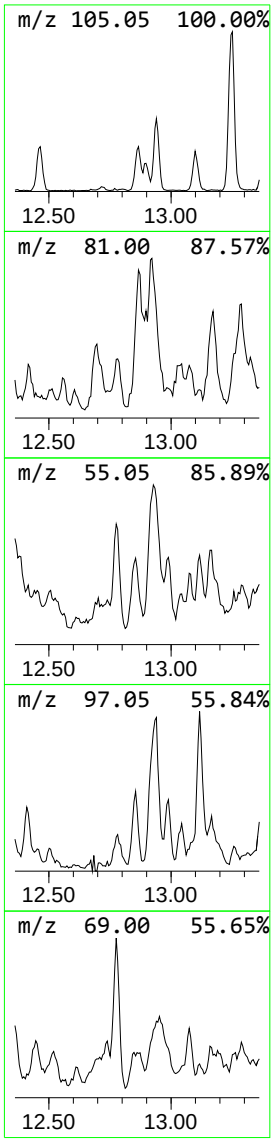
****

Peak Number 23 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	4.24 ug/L	190141	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	25
2	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	25
3	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	22
4	2,4-Nonadienal	138	C9H14O	006750-03-4	22
5	Isomyocorene	136	C10H16	006876-07-9	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

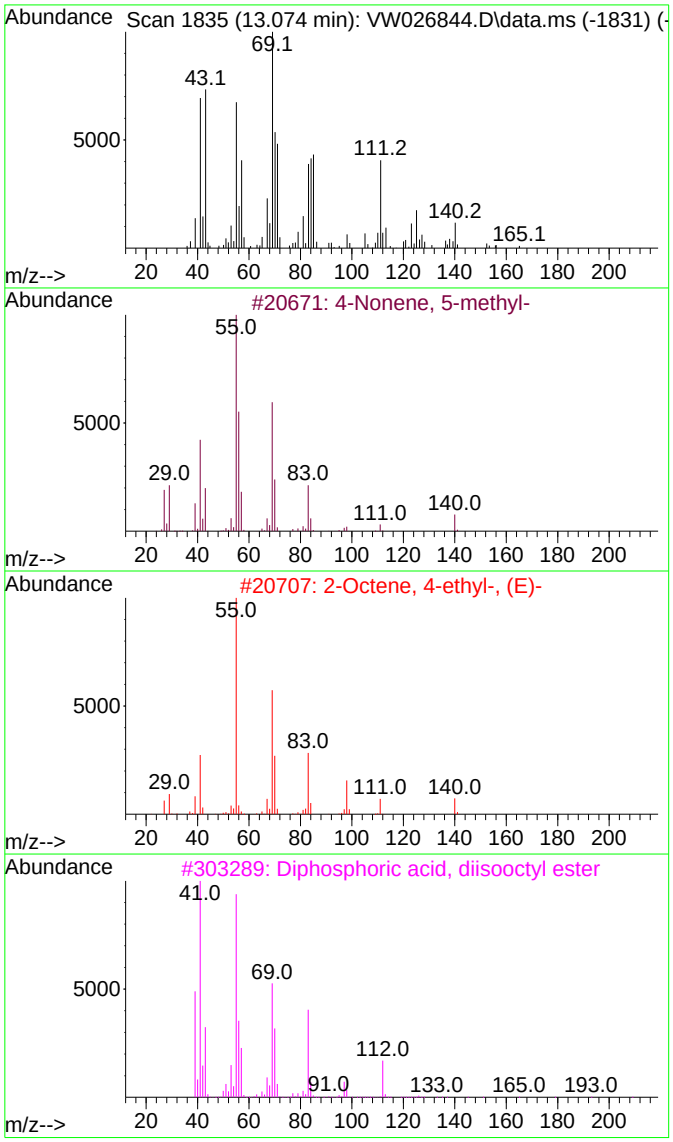
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

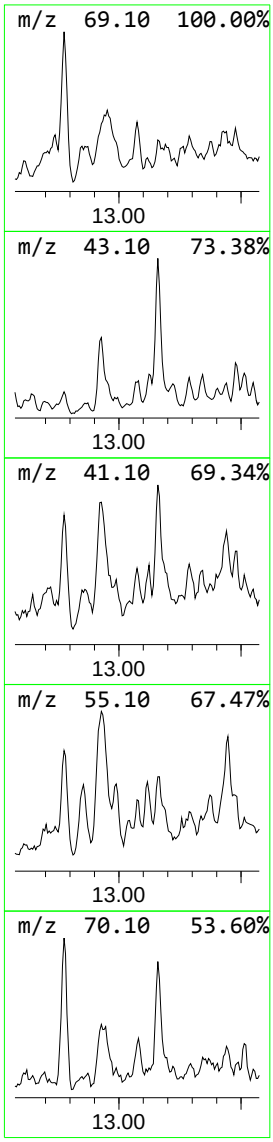
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	2.11 ug/L	94725	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 5-methyl-	140	C10H20	015918-07-7	43
2	2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	38
3	Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	27
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	25
5	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

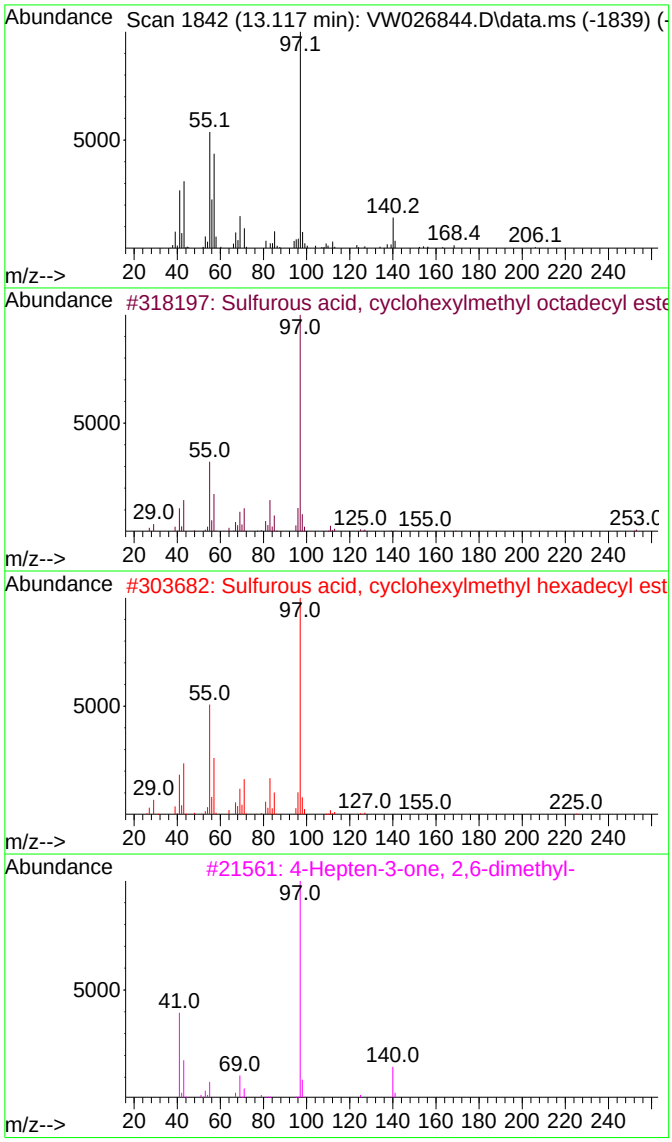
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

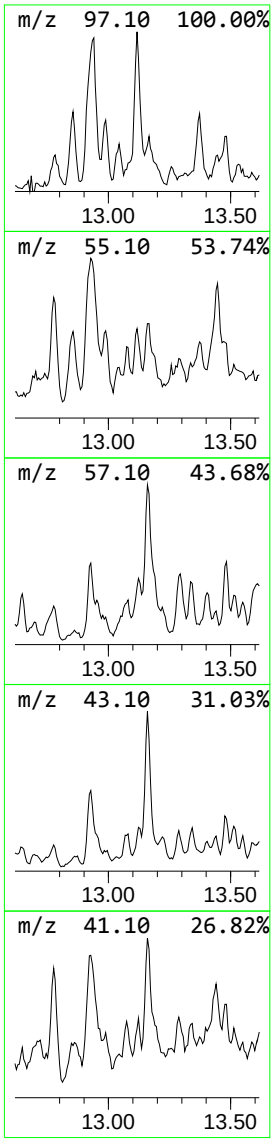
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Sulfurous acid, cyclohexylm... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.117	1.83 ug/L	82043	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	58
2	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	53
3	4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	52
4	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	50
5	7-Ethyl-4-dodecen-6-one	210	C14H26O	1000374-07-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

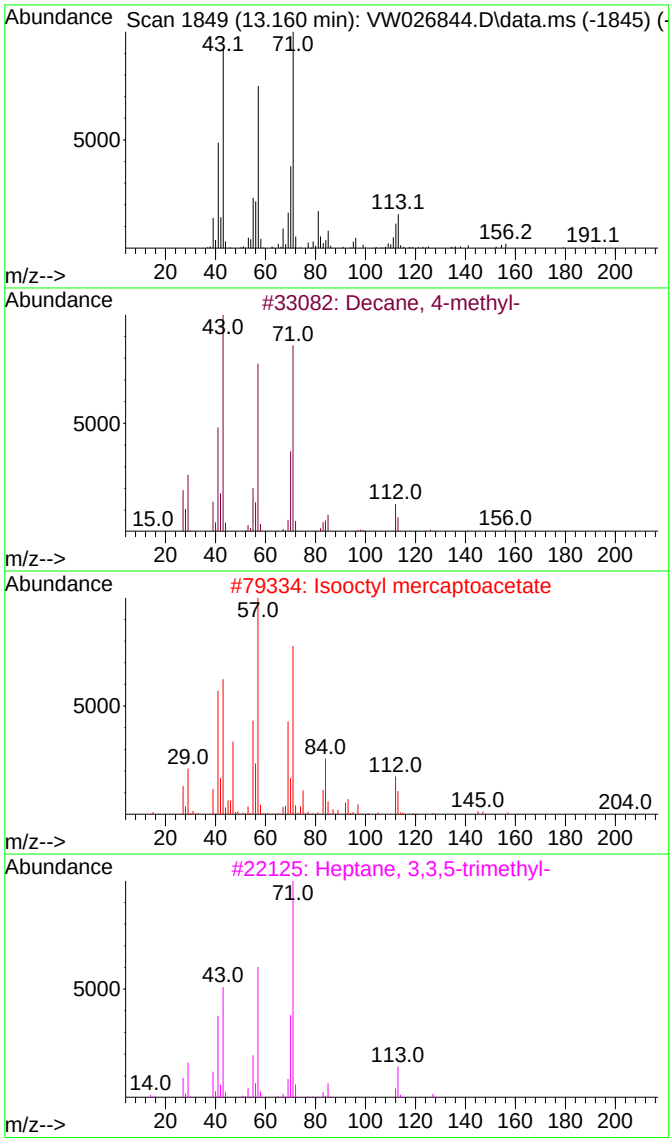
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

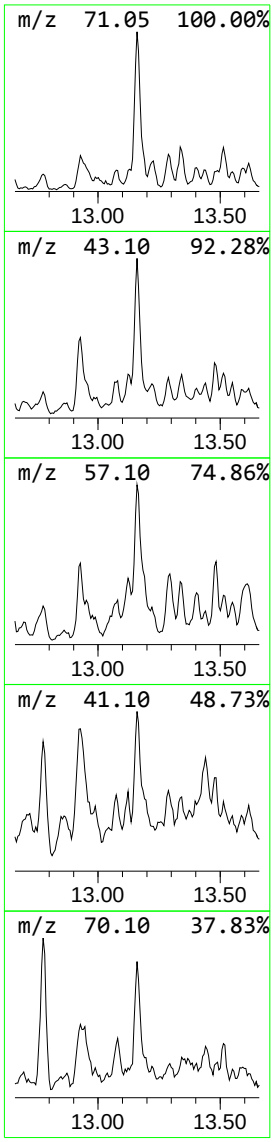
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	6.94 ug/L	310898	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2	Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	64
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
5	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

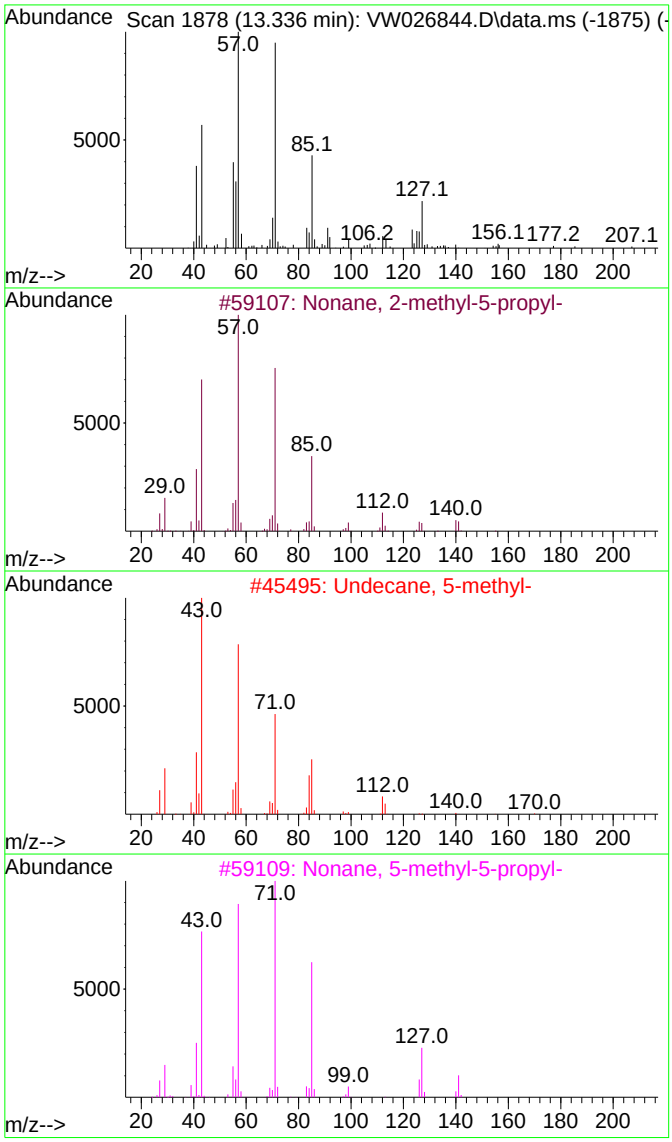
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

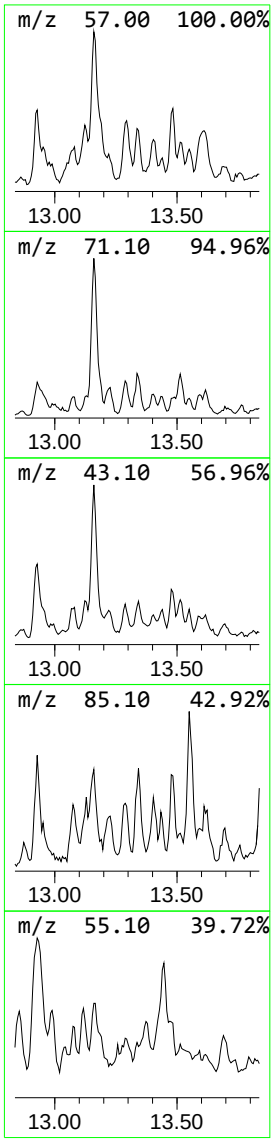
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.336	1.33 ug/L	59583	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	59
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47
5	Isobutyramide, N-methallyl-	141	C8H15NO	1000339-96-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

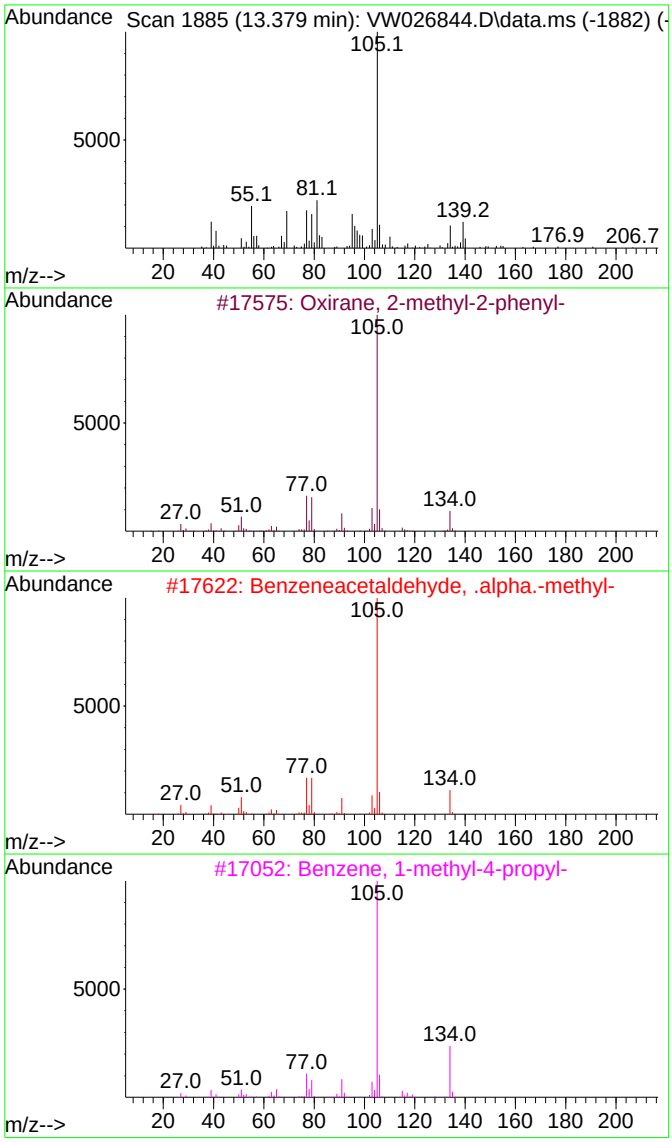
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

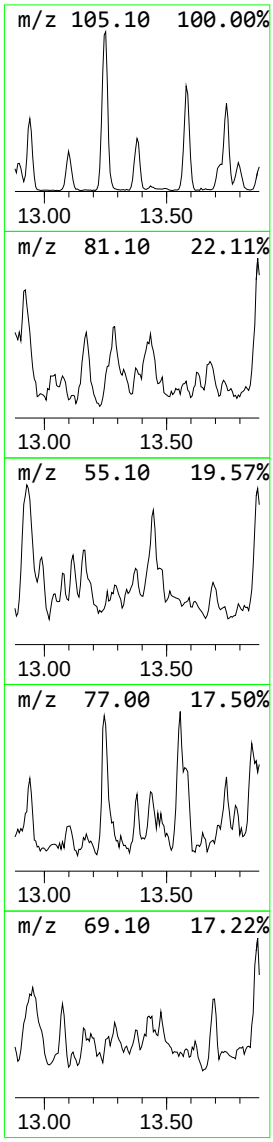
****

Peak Number 28 unknown-02 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.379	1.57 ug/L	70361	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	46
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	46
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	43
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	43
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

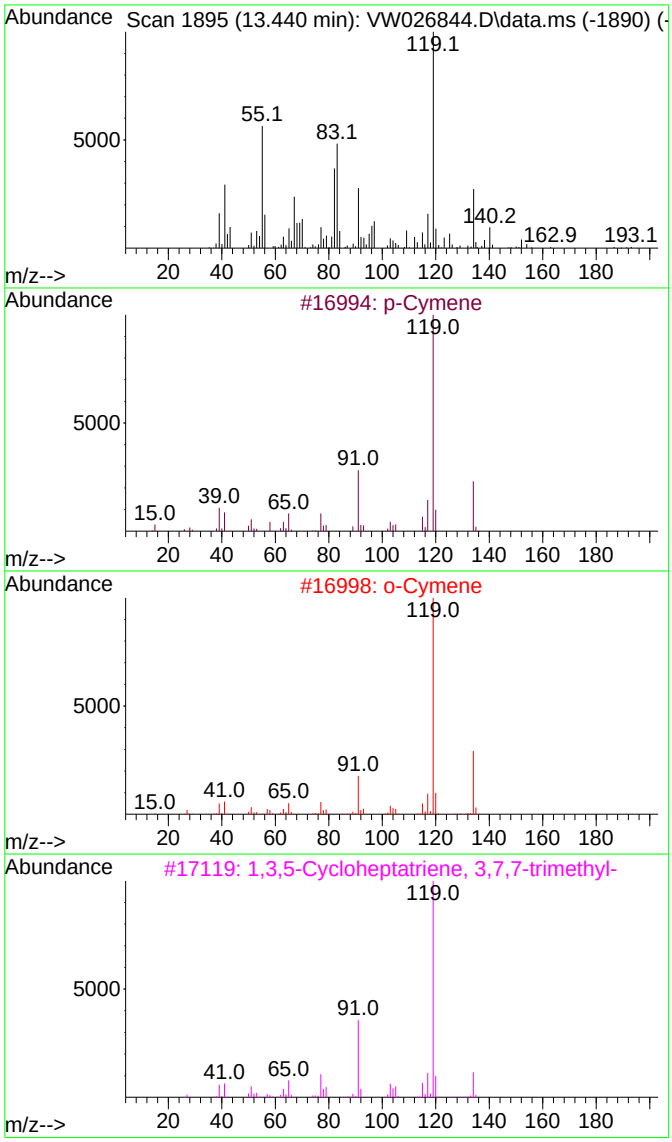
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

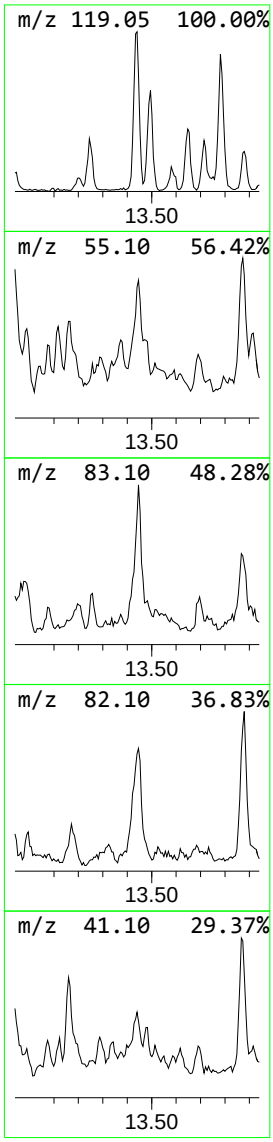
****

Peak Number 29 p-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	5.93 ug/L	265819	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	90
2	o-Cymene	134	C10H14	000527-84-4	86
3	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	50
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
5	o-Cymene	134	C10H14	000527-84-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

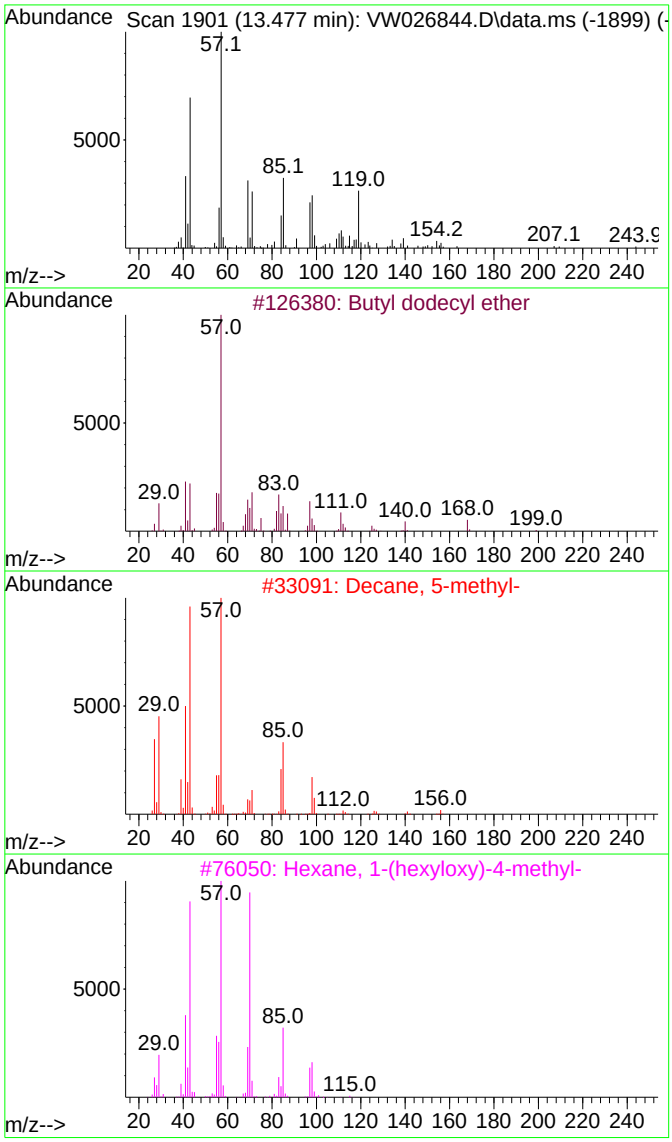
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

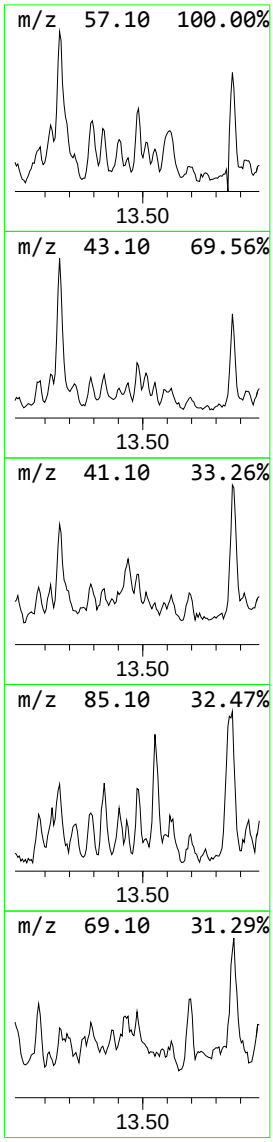
****

Peak Number 30 unknown-03 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	2.60 ug/L	116322	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl dodecyl ether	242	C16H34O	1000406-40-3	47
2	Decane, 5-methyl-	156	C11H24	013151-35-4	41
3	Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	38
4	Nonane	128	C9H20	000111-84-2	38
5	Decane, 5-methyl-	156	C11H24	013151-35-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

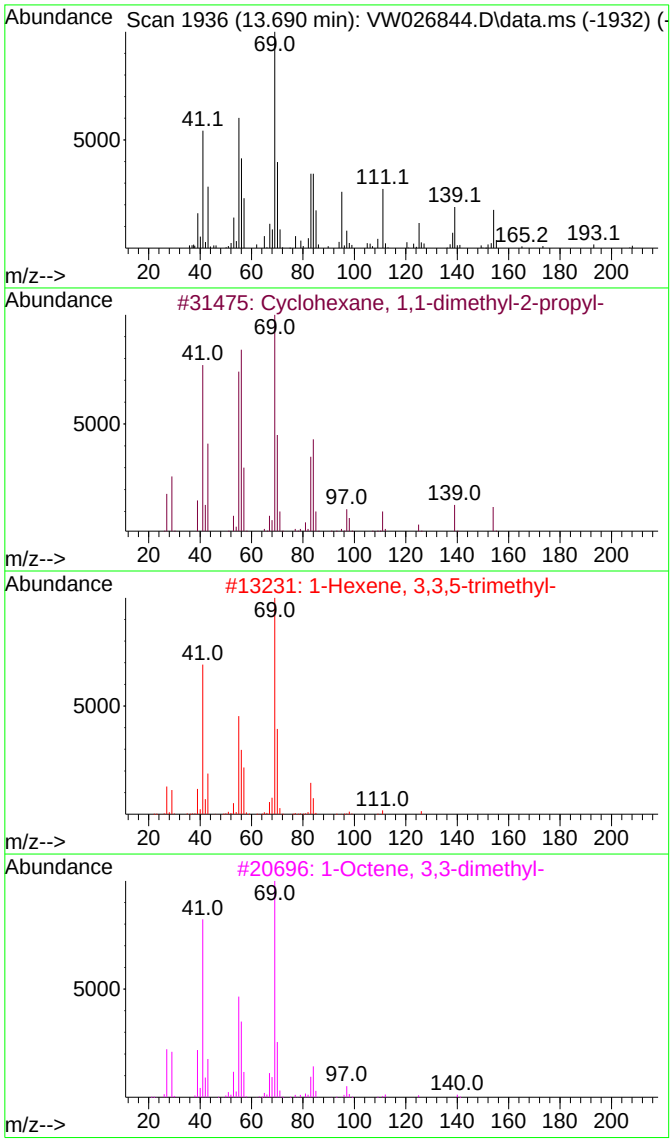
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

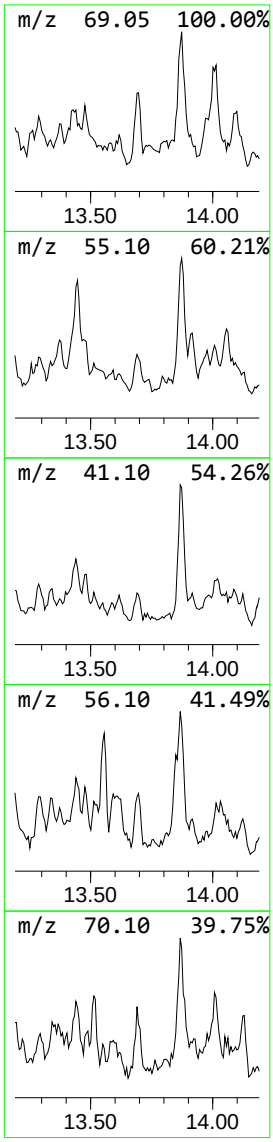
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Cyclic13.690 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.690	1.96 ug/L	87896	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	52
2	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	52
3	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	46
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	43
5	4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

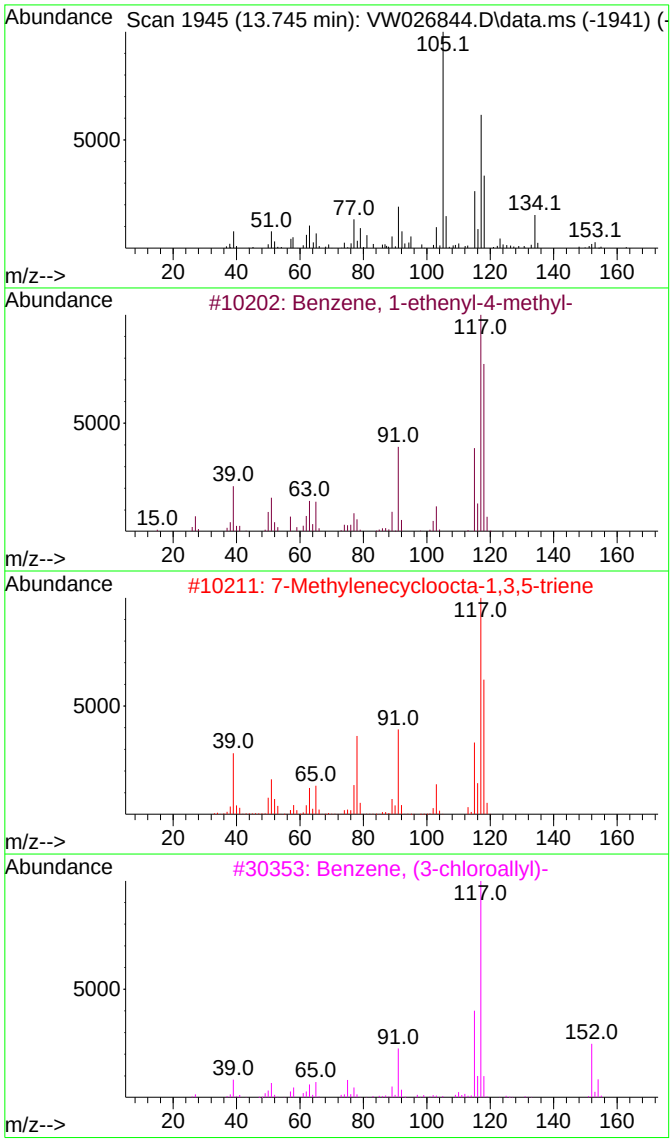
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

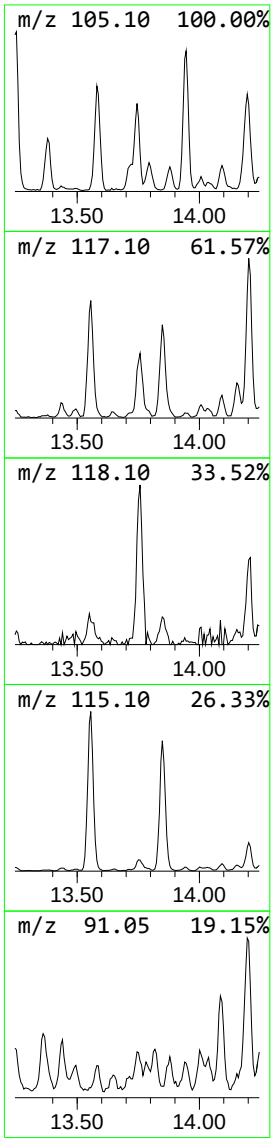
****

Peak Number 32 unknown-04 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	1.78 ug/L	79630	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	45
2	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	43
3	Benzene, (3-chloroallyl)-	152	C9H9Cl	006268-37-7	38
4	Indane	118	C9H10	000496-11-7	38
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

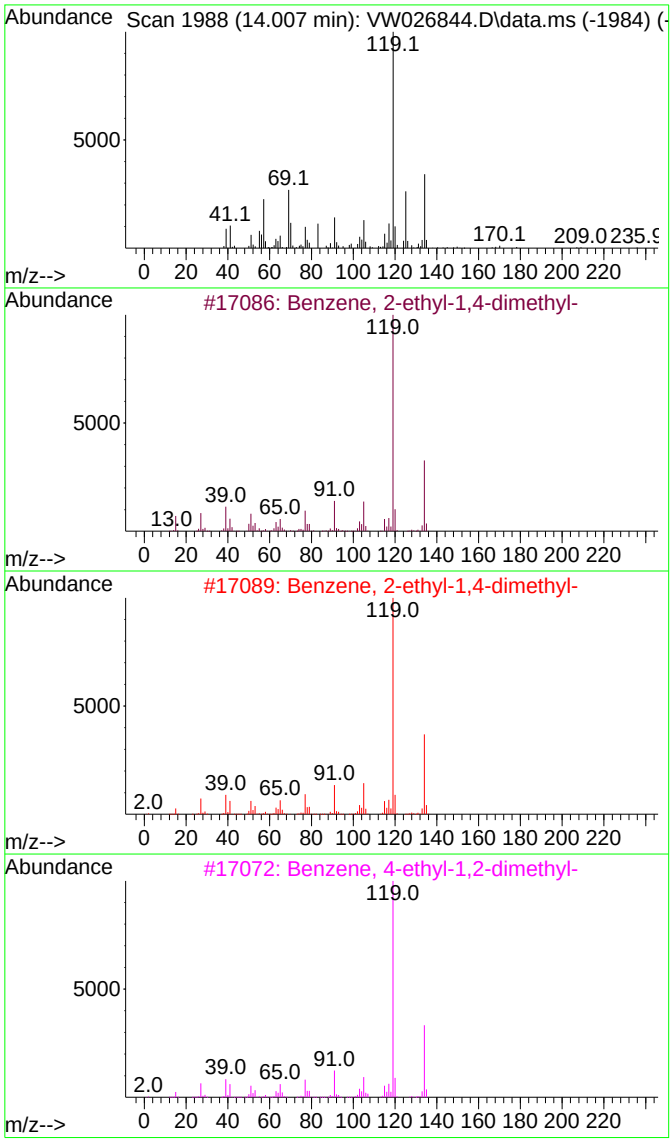
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

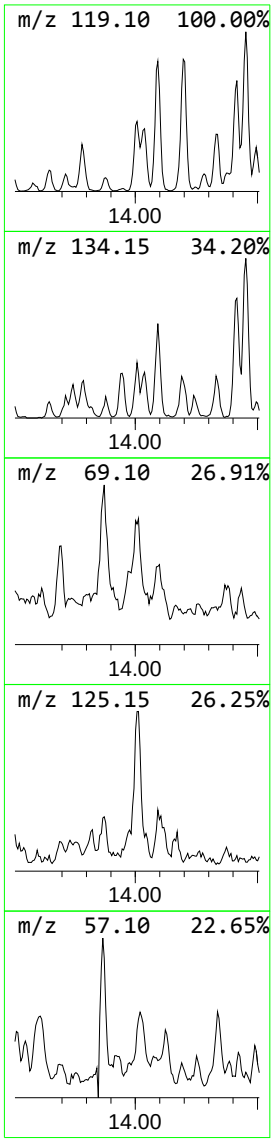
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	2.43 ug/L	109121	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

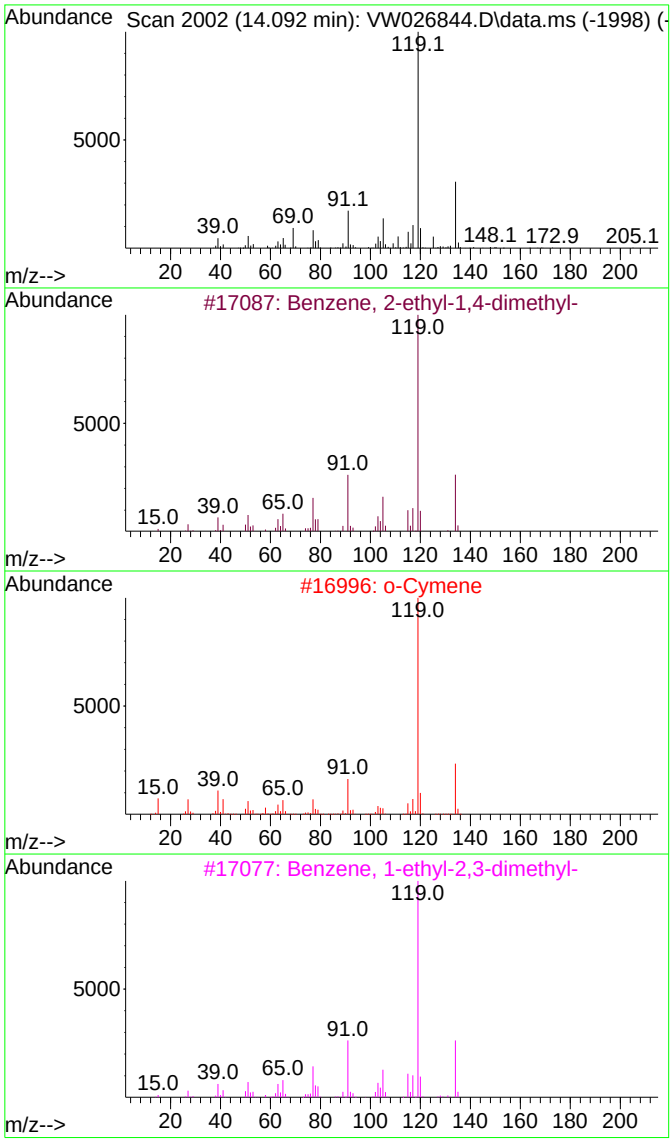
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

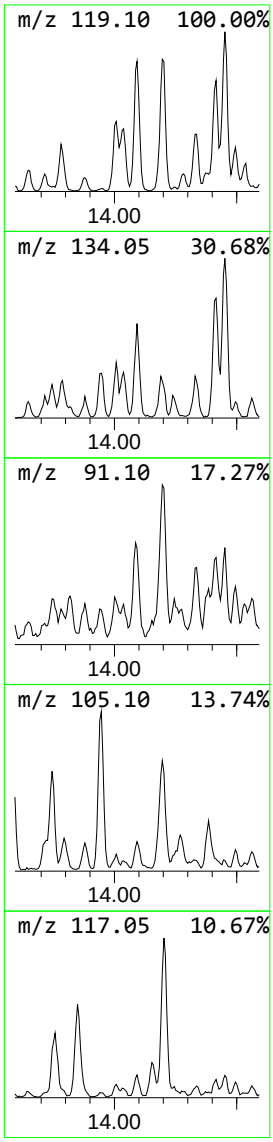
****

Peak Number 34 o-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	3.41 ug/L	152849	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	o-Cymene	134	C10H14	000527-84-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

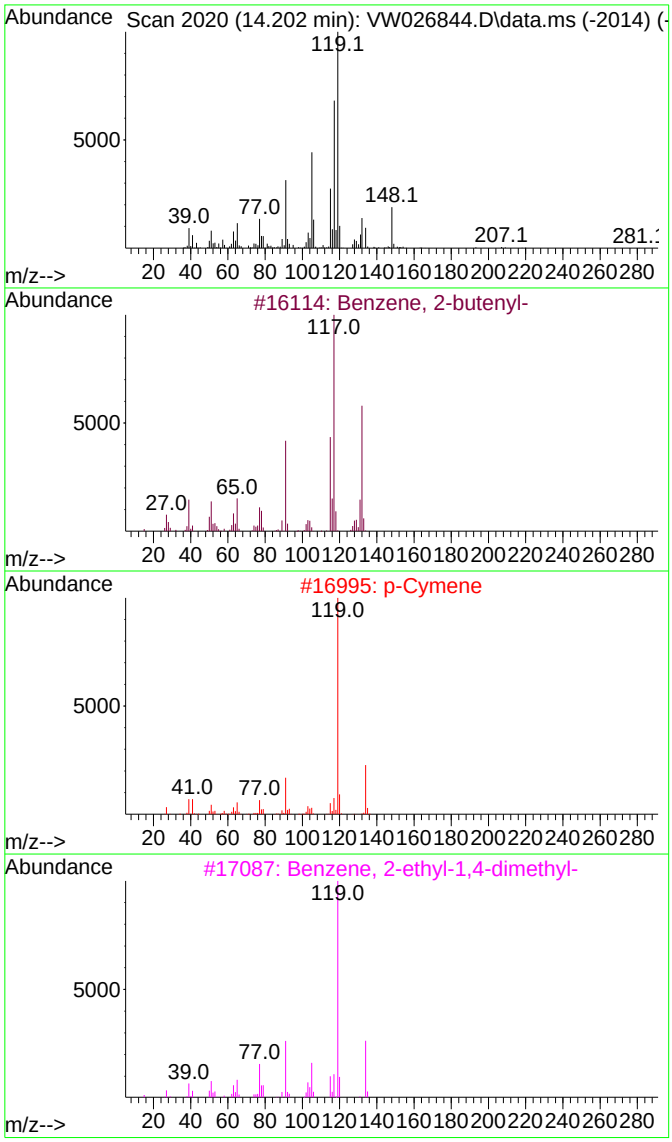
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

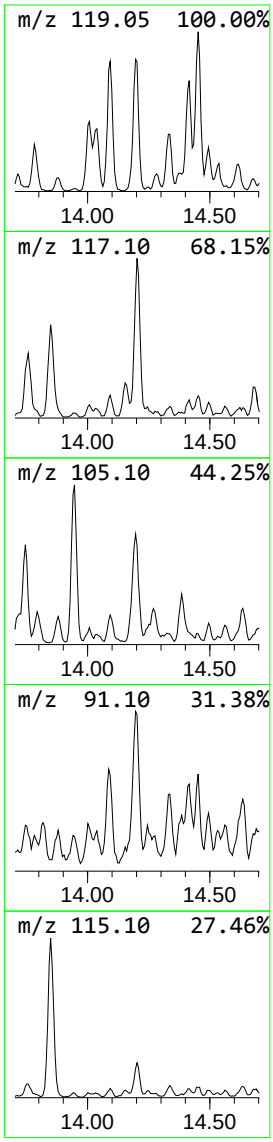
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 2-butenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.202	7.21 ug/L	323122	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2	p-Cymene	134	C10H14	000099-87-6	49
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	46
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

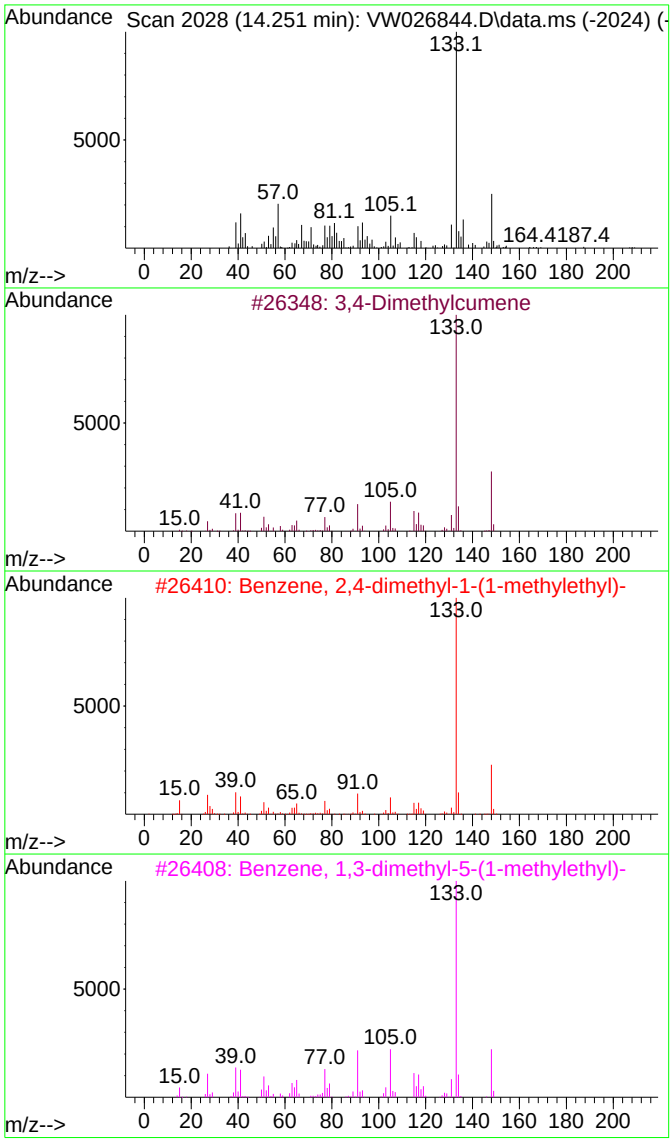
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

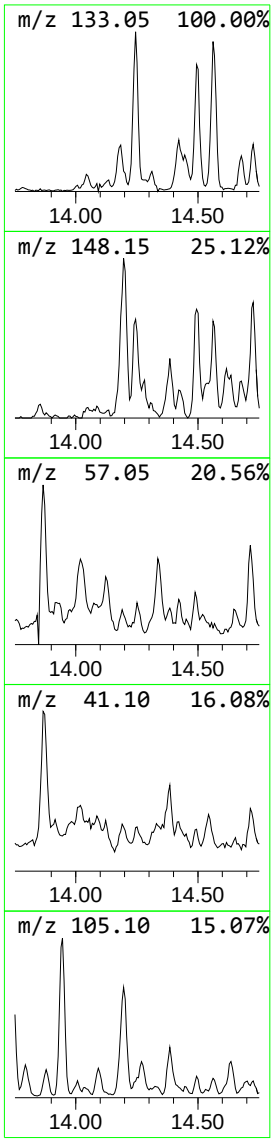
****

Peak Number 36 3,4-Dimethylcumene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	3.52 ug/L	157950	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	80
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	74
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	74
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	72
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

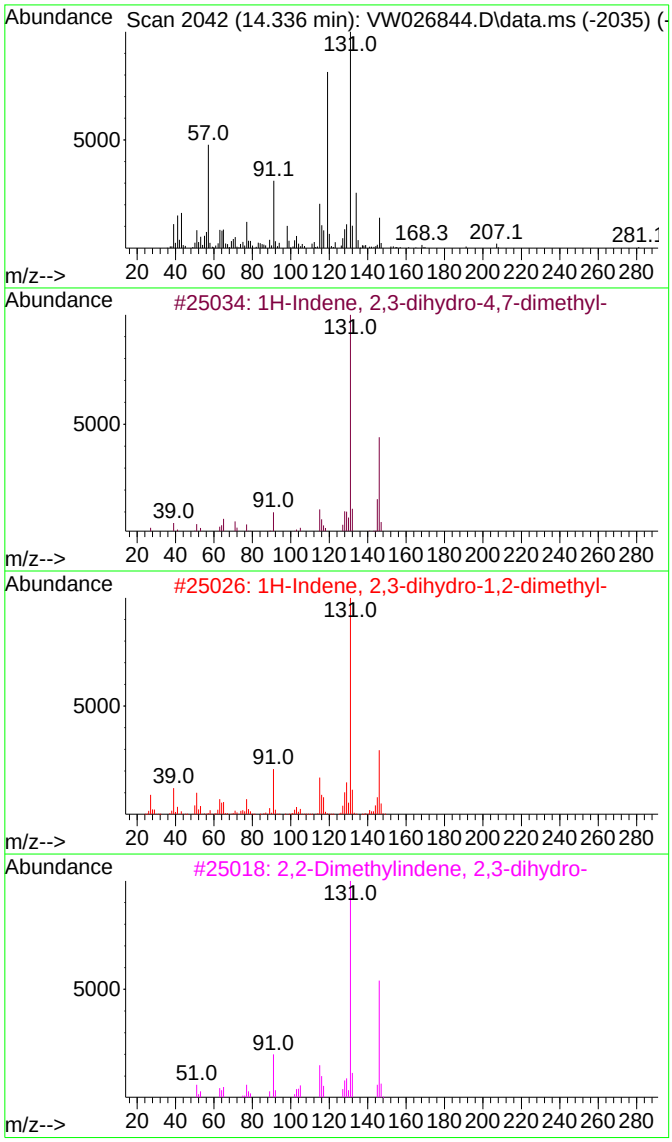
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

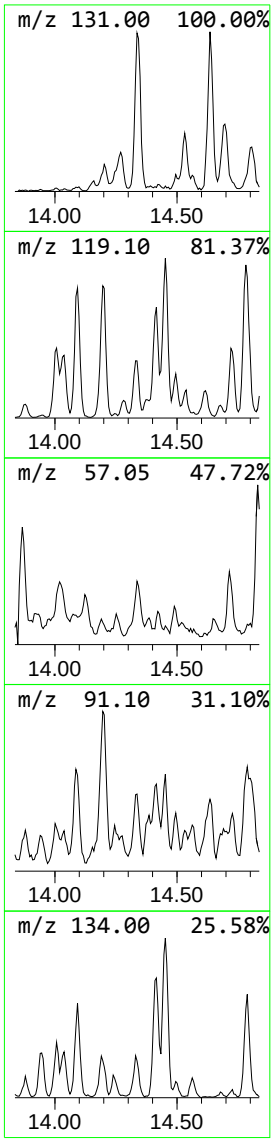
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.336	4.36 ug/L	195594	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	55
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

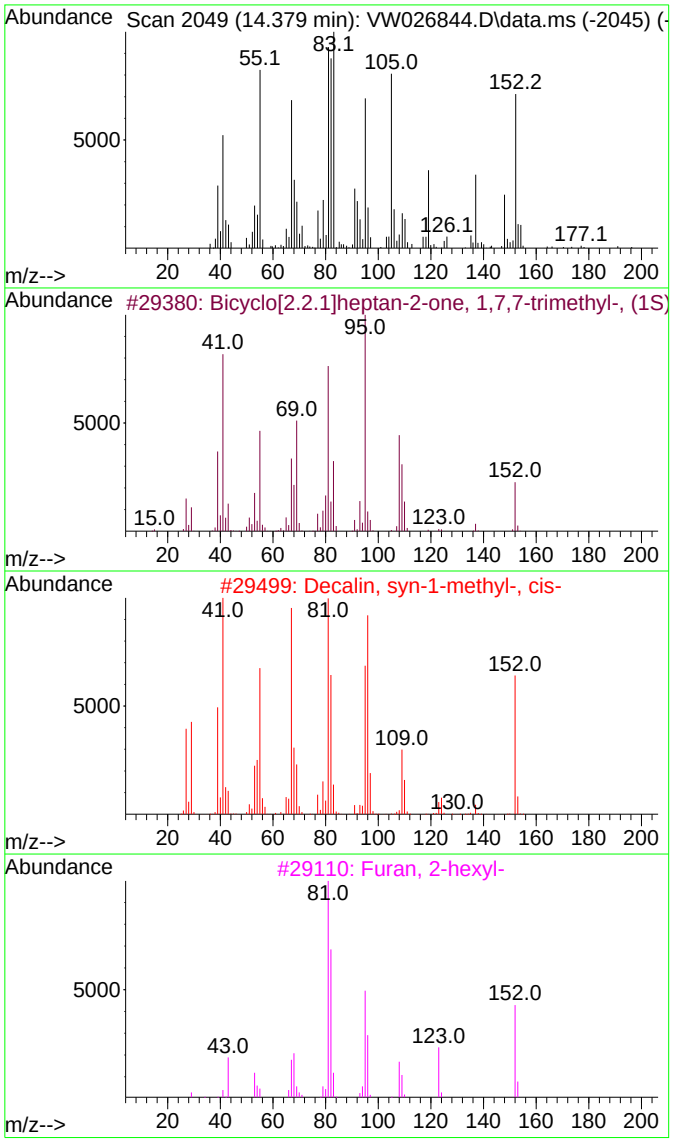
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

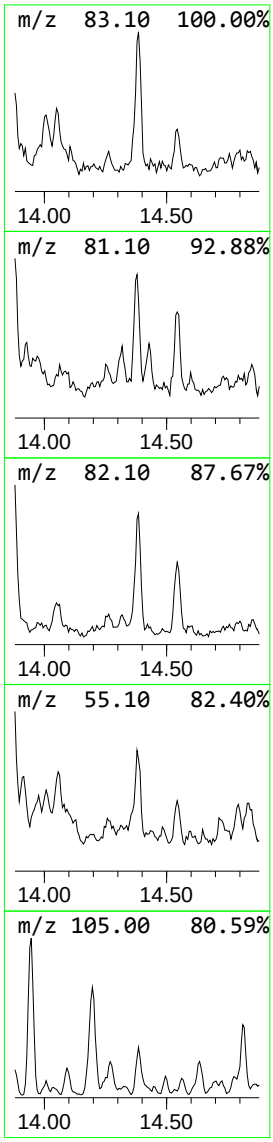
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	3.22 ug/L	144134	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	50
2	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	49
3	Furan, 2-hexyl-	152	C10H16O	003777-70-6	46
4	Dodeca-1,6-dien-12-ol, 6,10-dime...	210	C14H26O	1000156-13-8	46
5	Camphor	152	C10H16O	000076-22-2	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

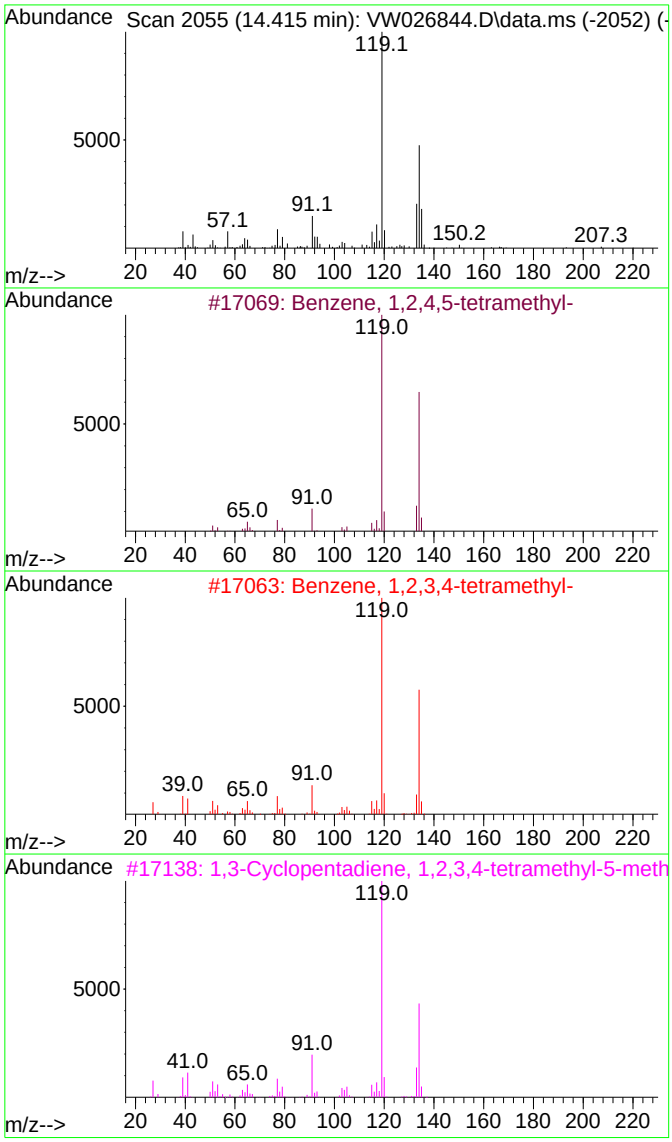
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

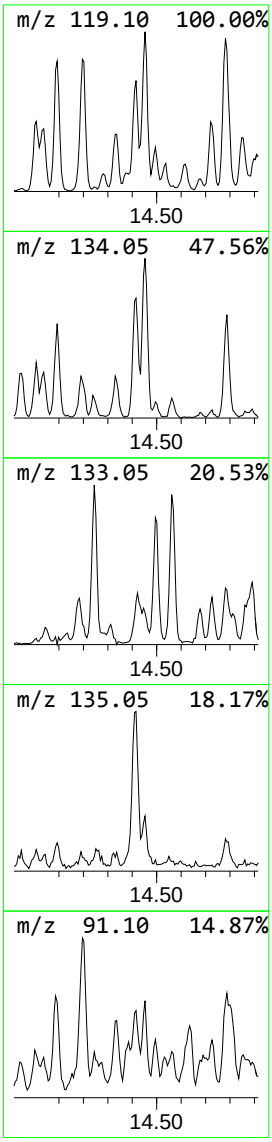
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.416	2.39 ug/L	106899	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

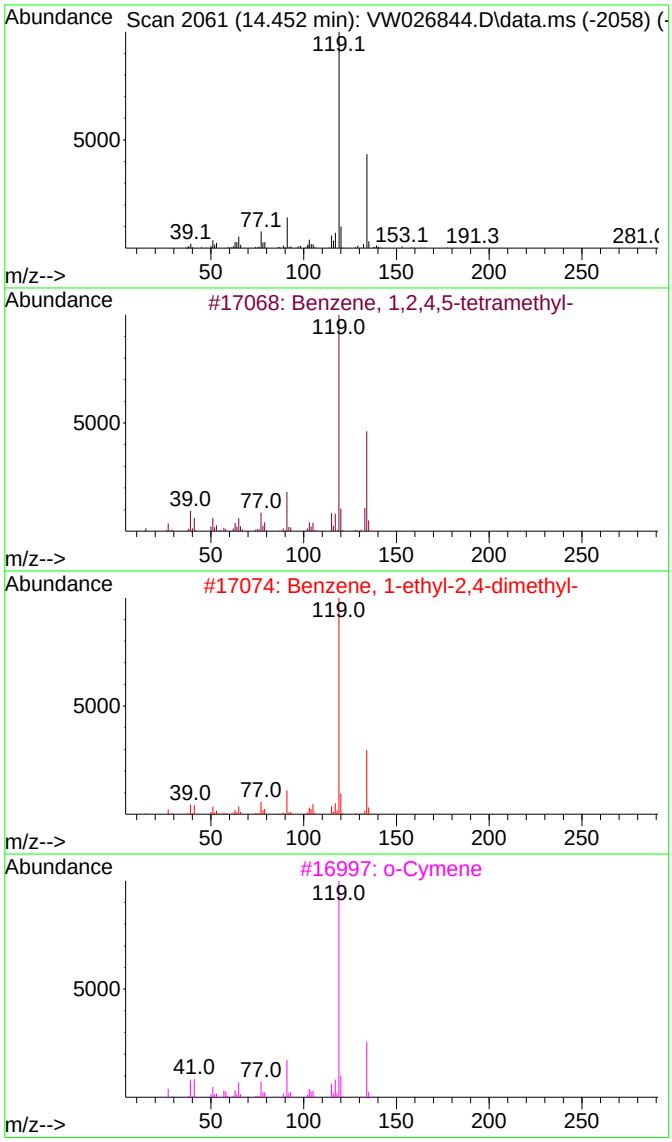
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

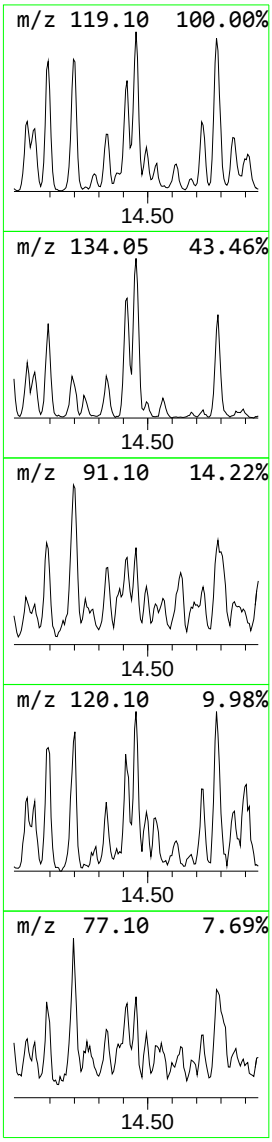
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	3.22 ug/L	144402	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3	o-Cymene	134	C10H14	000527-84-4	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

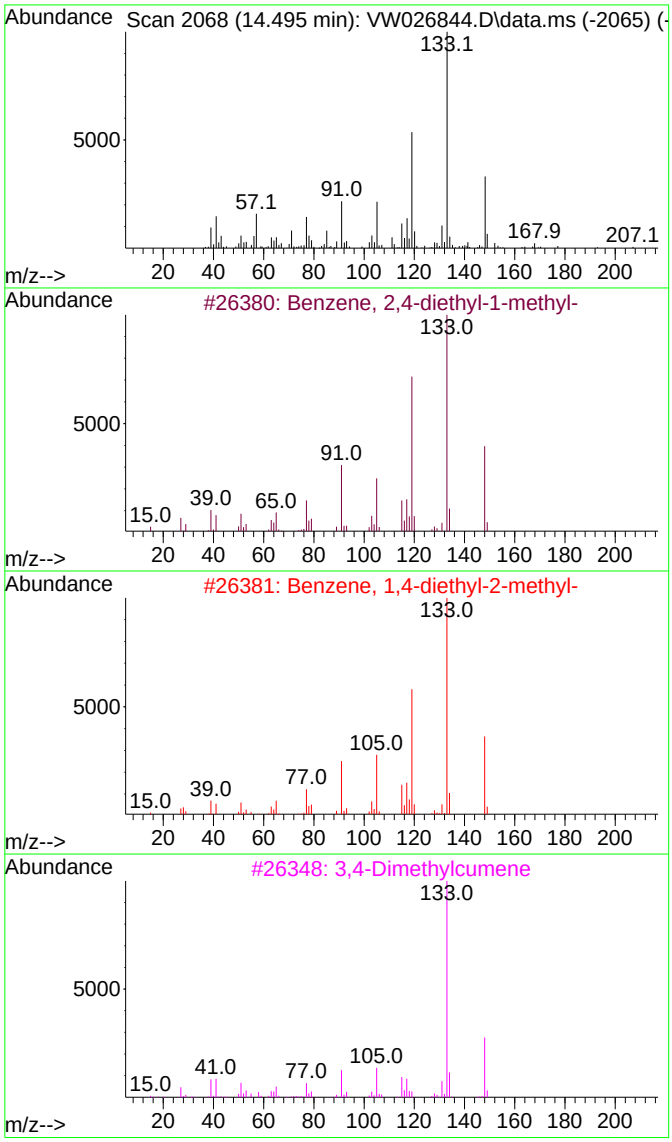
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

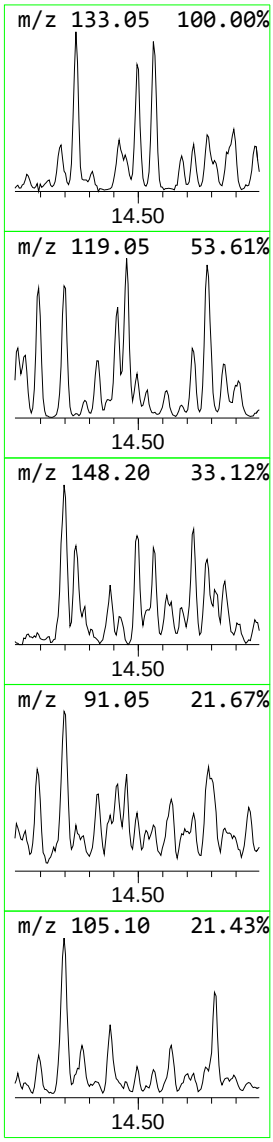
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	1.83 ug/L	82073	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	93
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	90
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	70
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

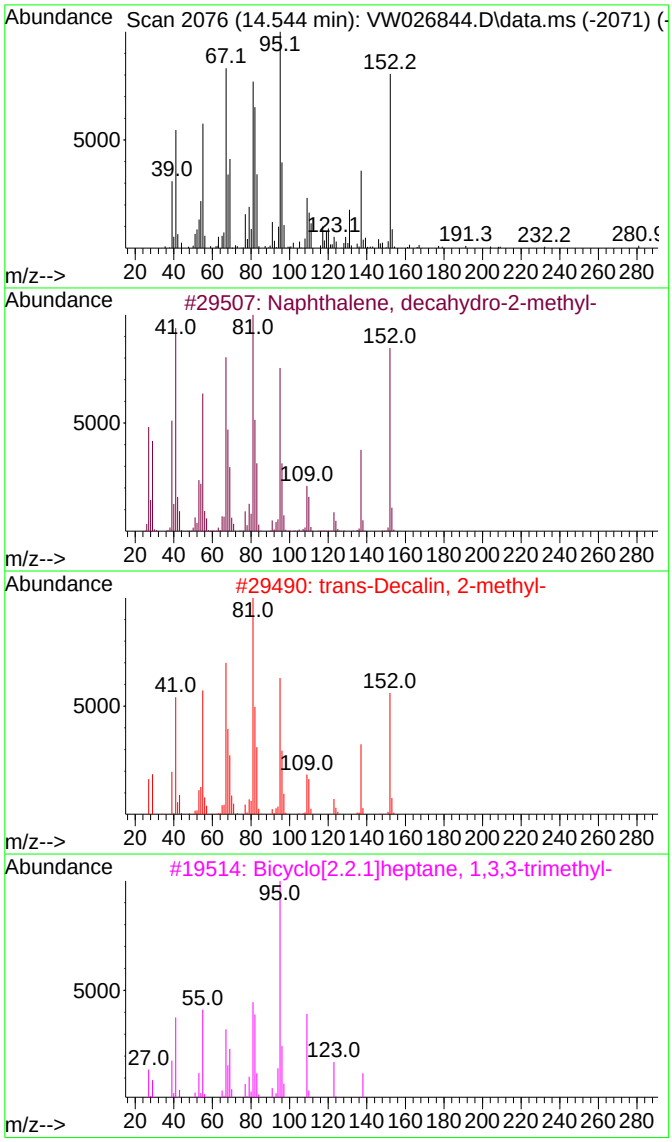
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

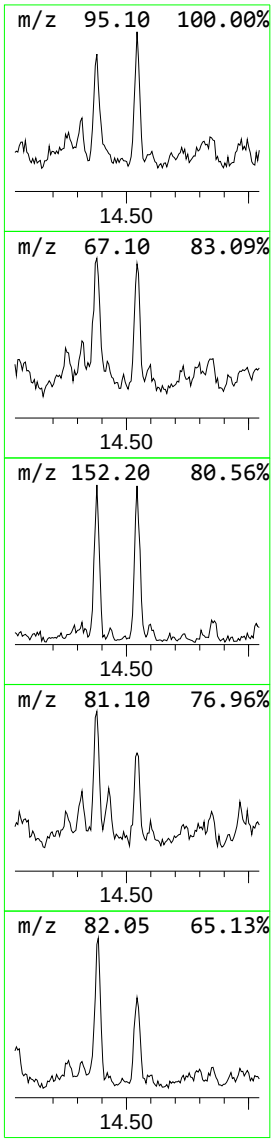
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.544	4.68 ug/L	209833	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
3	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	70
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	68
5	Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

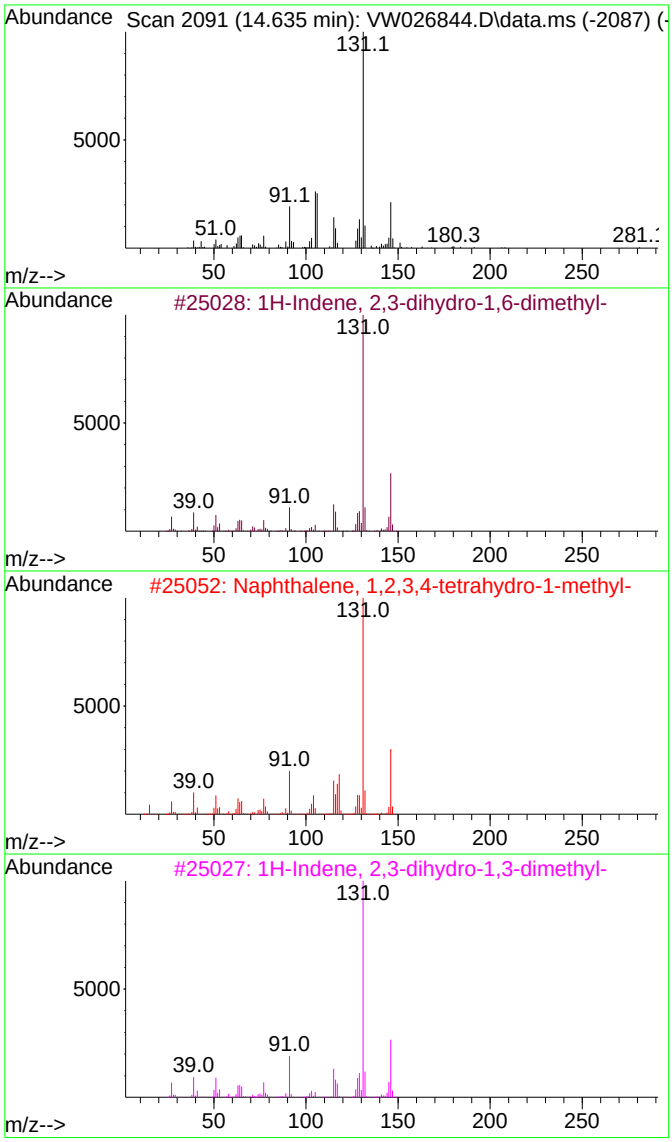
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

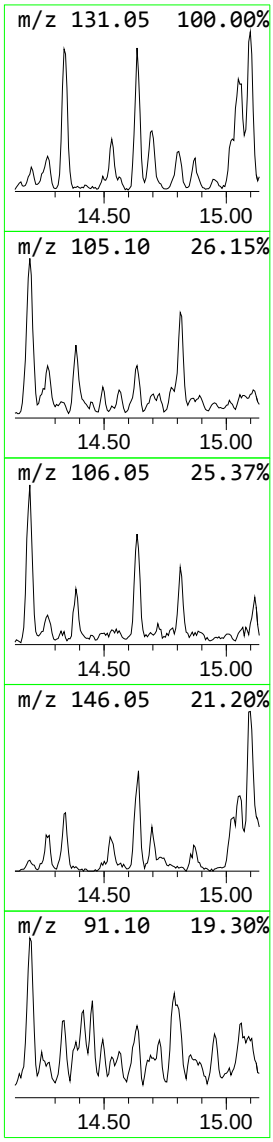
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.635	2.09 ug/L	93813	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	89
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	89
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

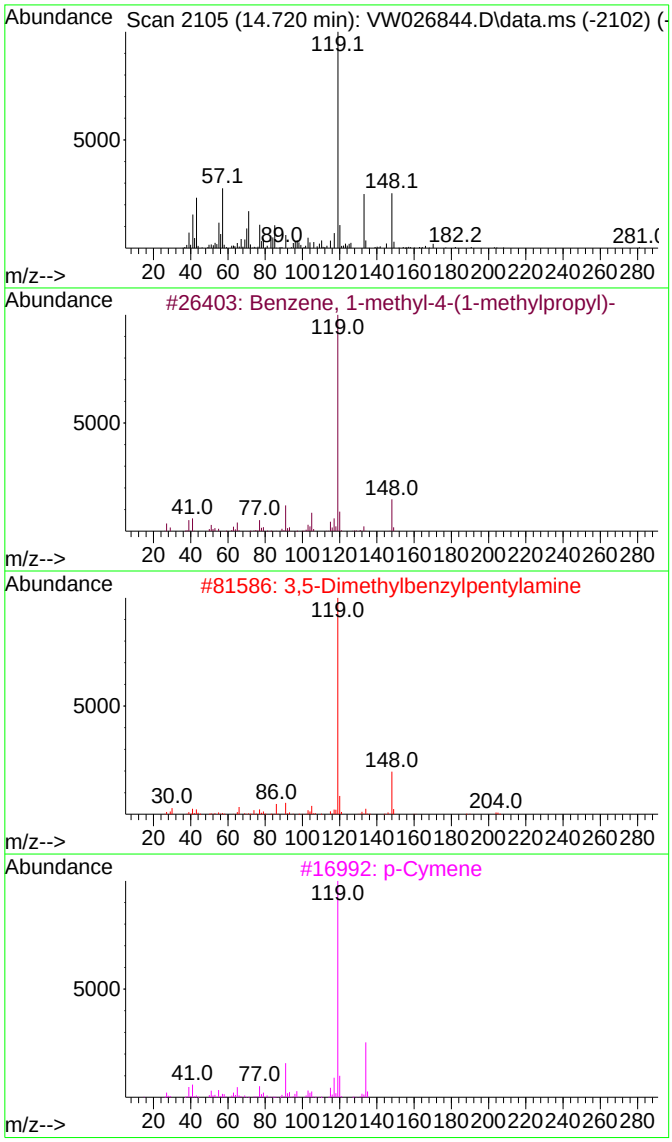
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

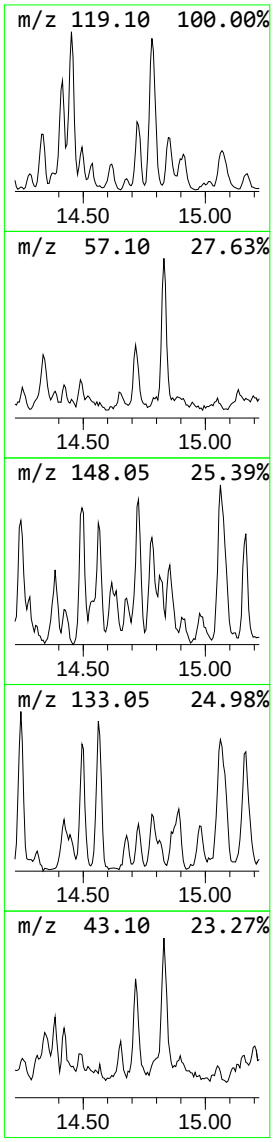
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, 1-methyl-4-(1-meth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.720	3.24 ug/L	145094	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
2	3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	53
3	p-Cymene	134	C10H14	000099-87-6	52
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

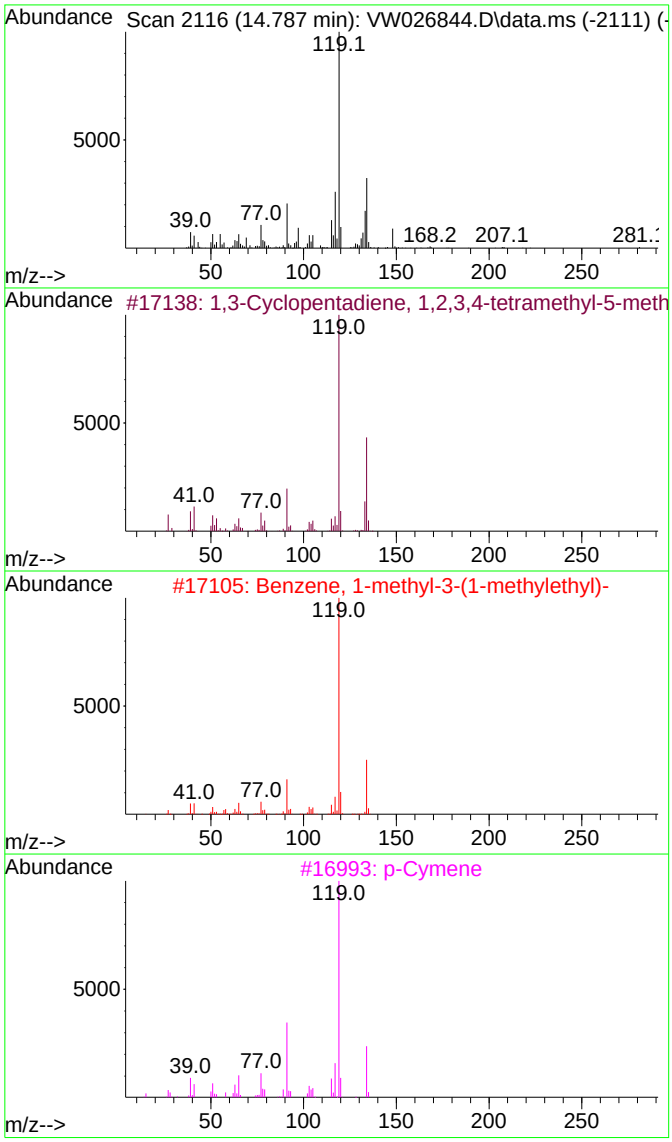
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

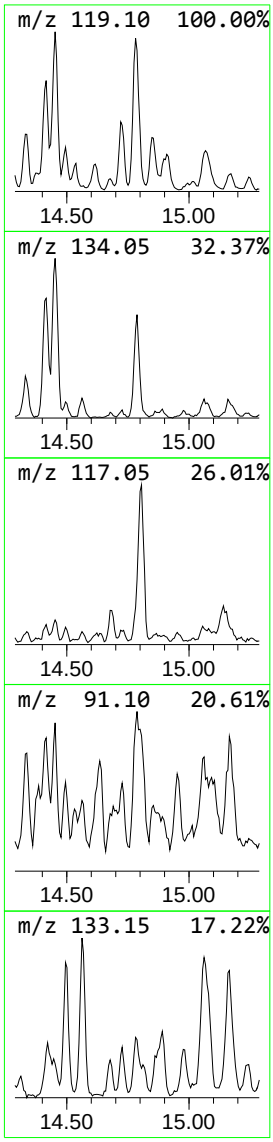
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	9.49 ug/L	425485	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
3	p-Cymene	134	C10H14	000099-87-6	70
4	o-Cymene	134	C10H14	000527-84-4	70
5	o-Cymene	134	C10H14	000527-84-4	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

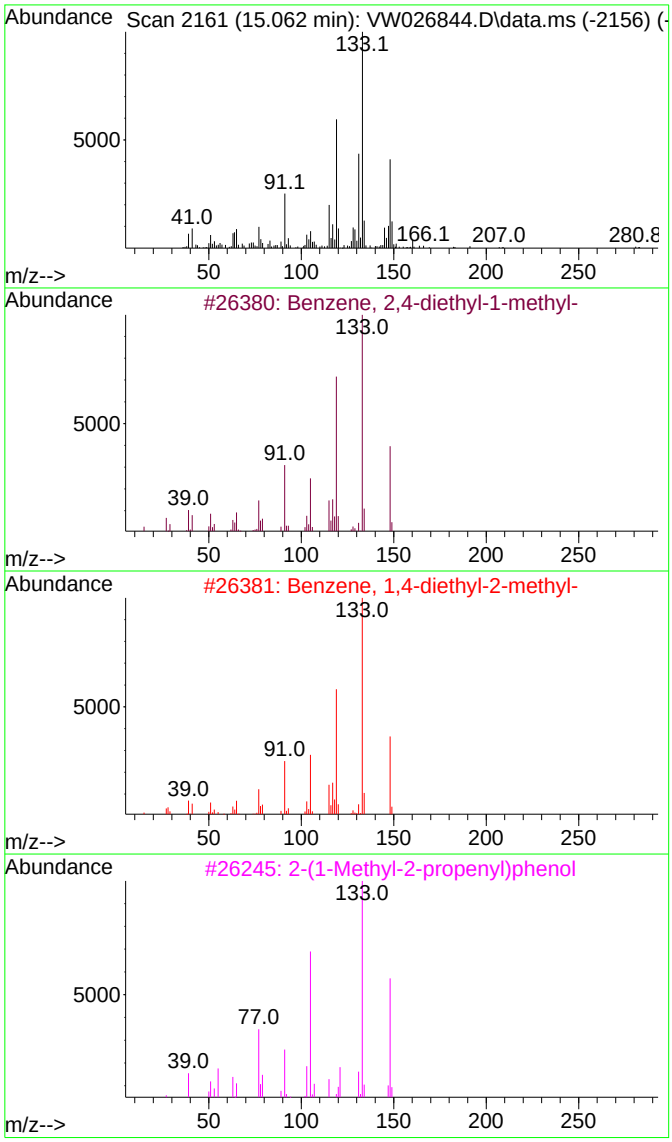
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

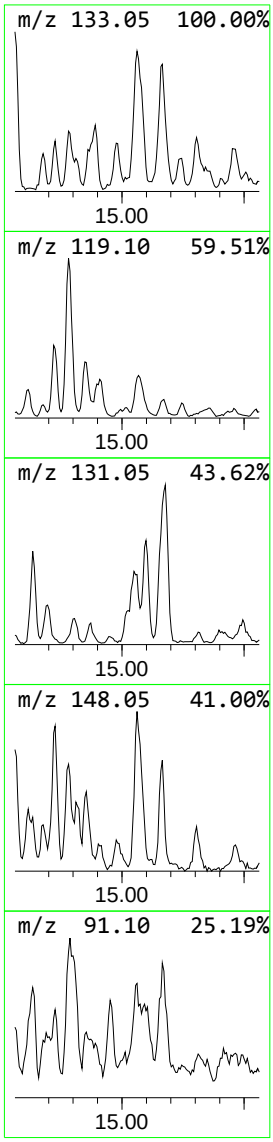
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.062	3.54 ug/L	158676	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	62
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	62
3	2-(1-Methyl-2-propenyl)phenol	148	C10H12O	1000432-85-2	52
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	49
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

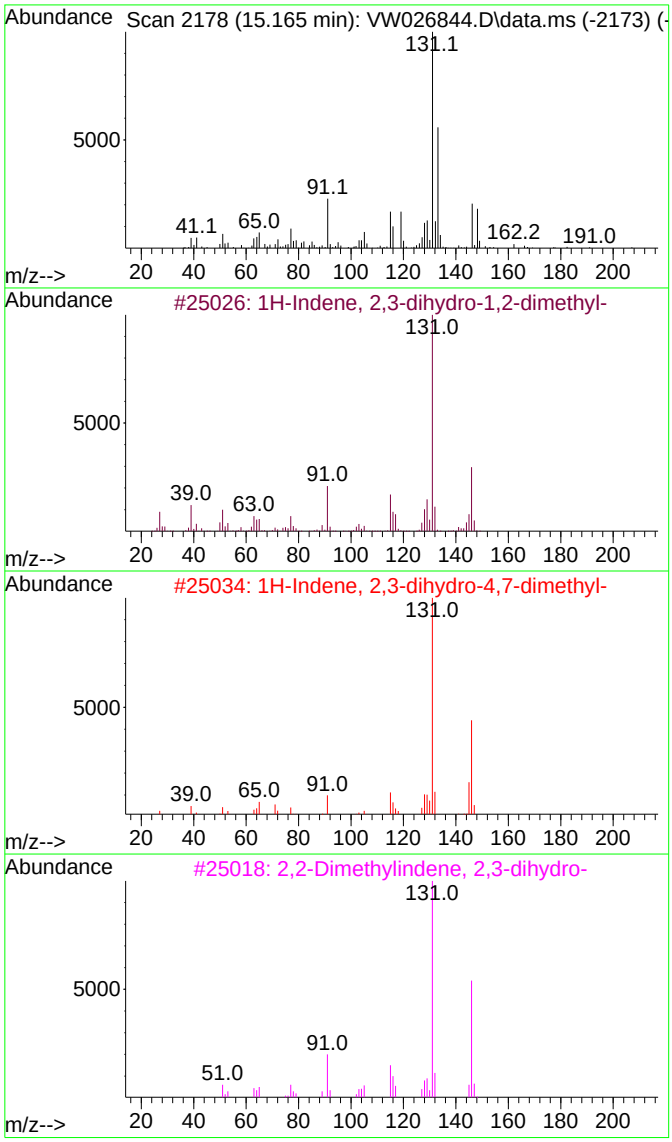
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

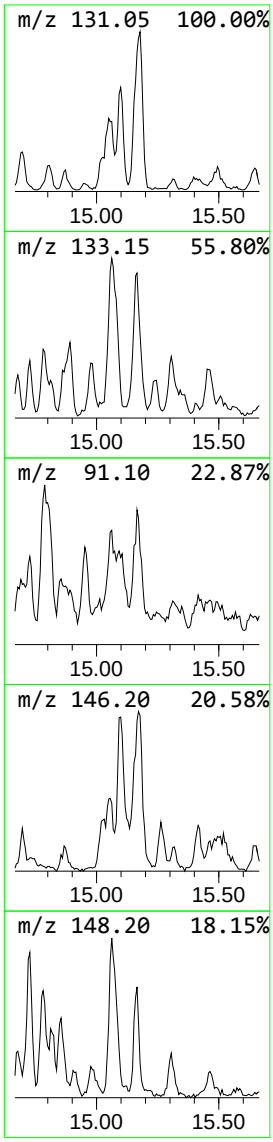
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.165	6.20 ug/L	278048	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

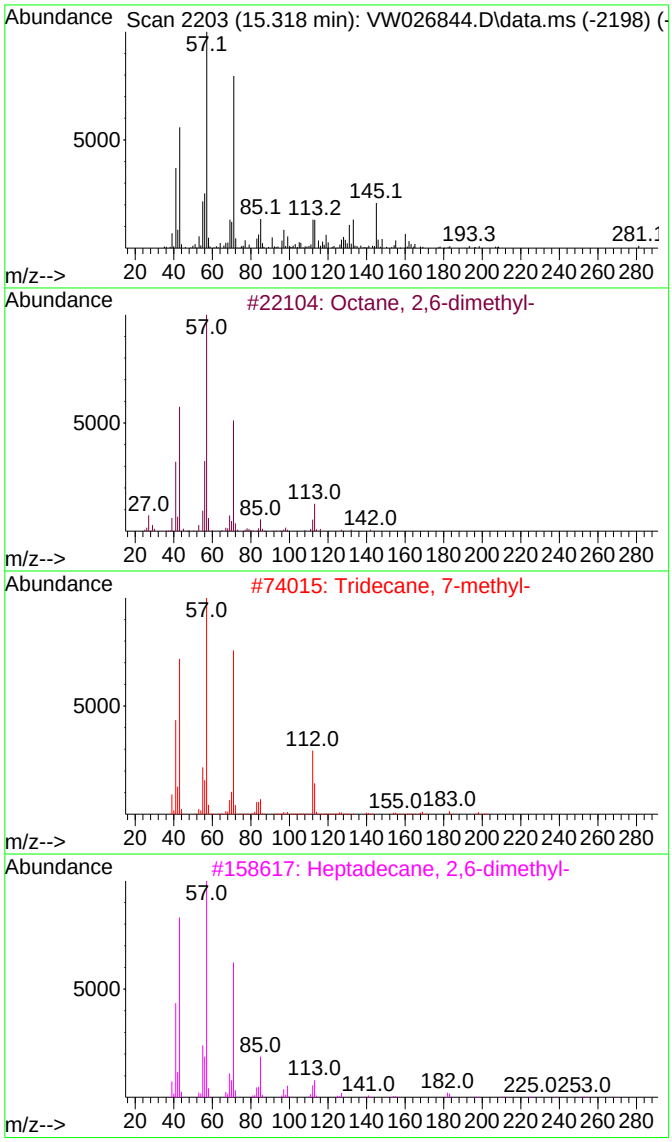
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

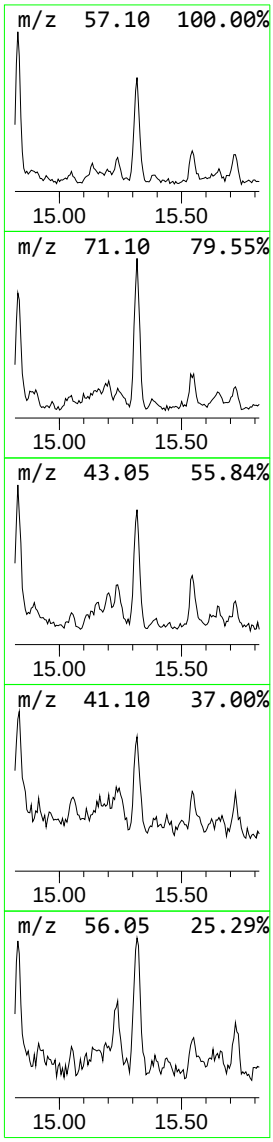
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	3.76 ug/L	168415	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	58
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	53
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	52
5	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

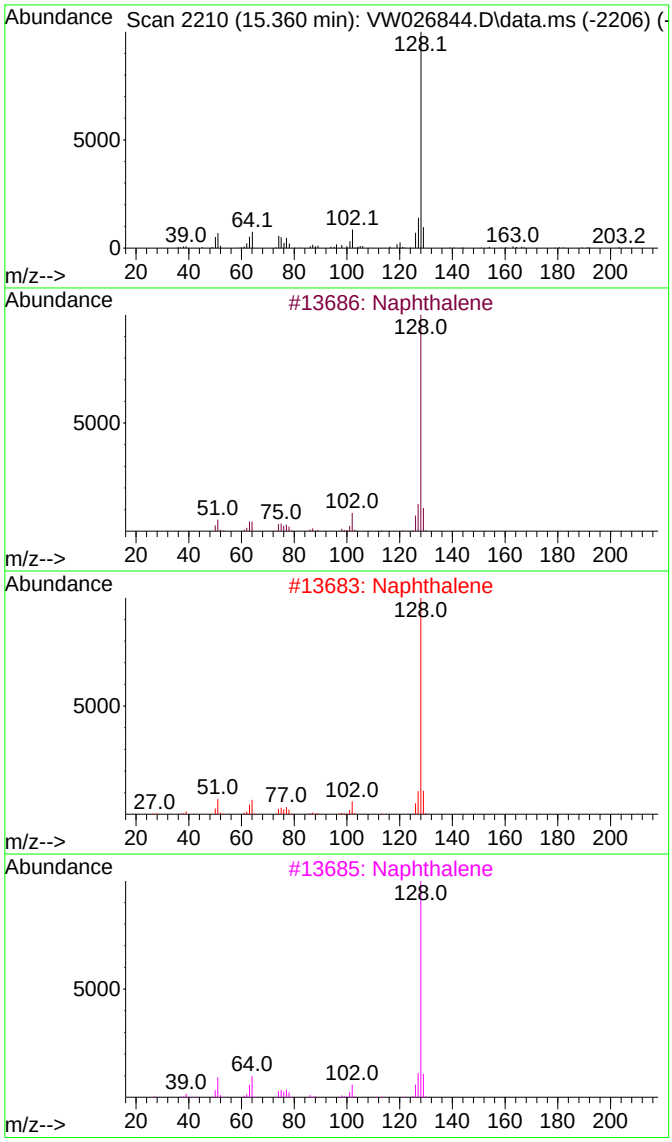
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

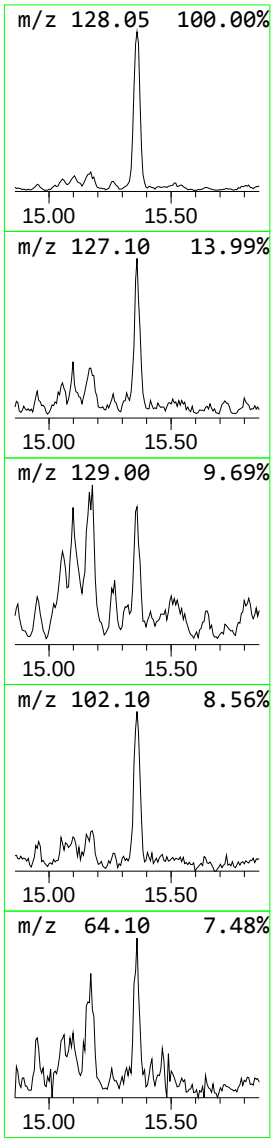
****

Peak Number 49 Azulene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	2.47 ug/L	110830	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	93
3	Naphthalene	128	C10H8	000091-20-3	93
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

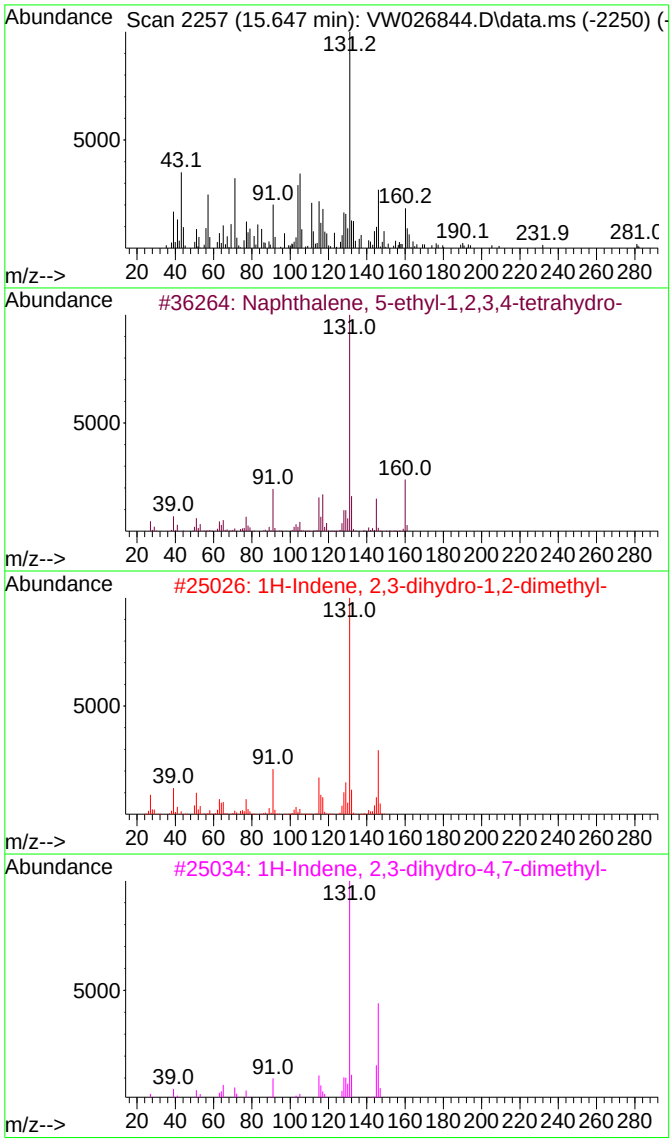
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

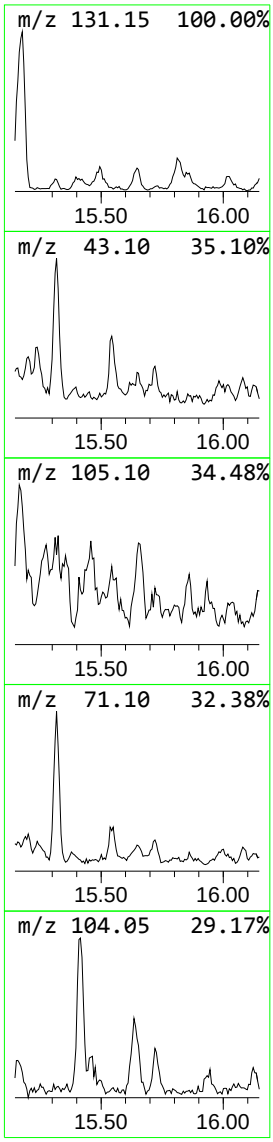
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Naphthalene, 5-ethyl-1,2,3,... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.647	1.95 ug/L	87219	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	78
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

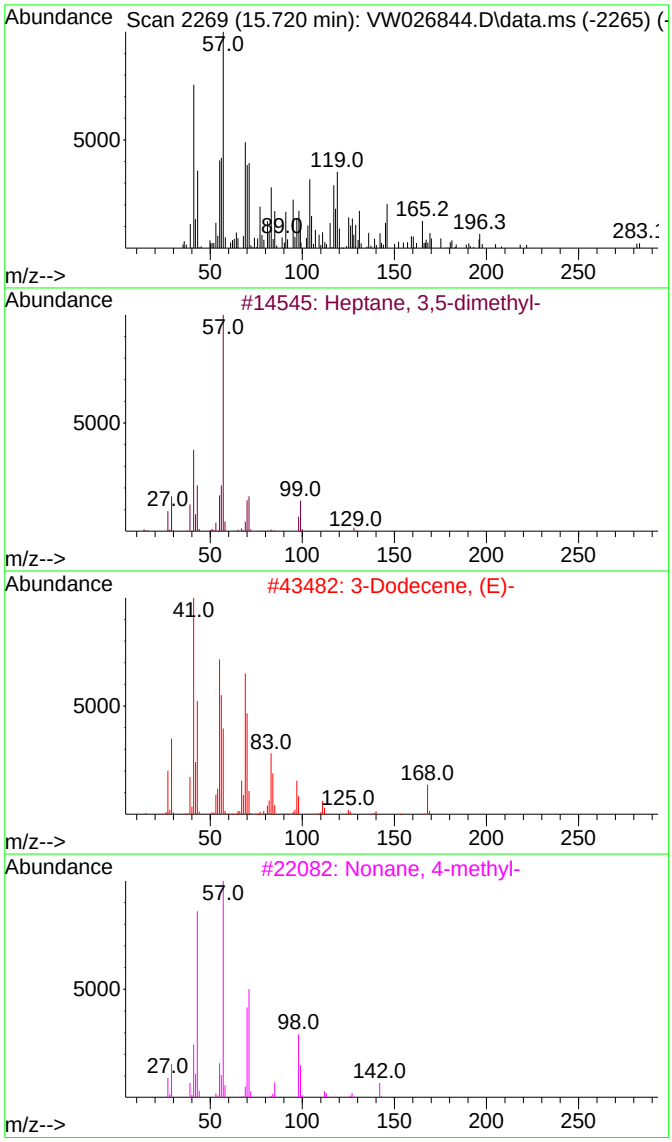
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

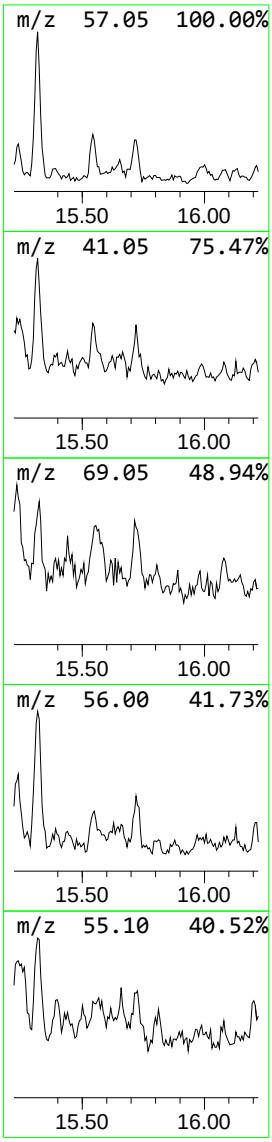
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	1.34 ug/L	59864	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	43
2	3-Dodecene, (E)-	168	C12H24	007206-14-6	30
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	25
4	1H-Azonine, octahydro-	127	C8H17N	005661-71-2	25
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

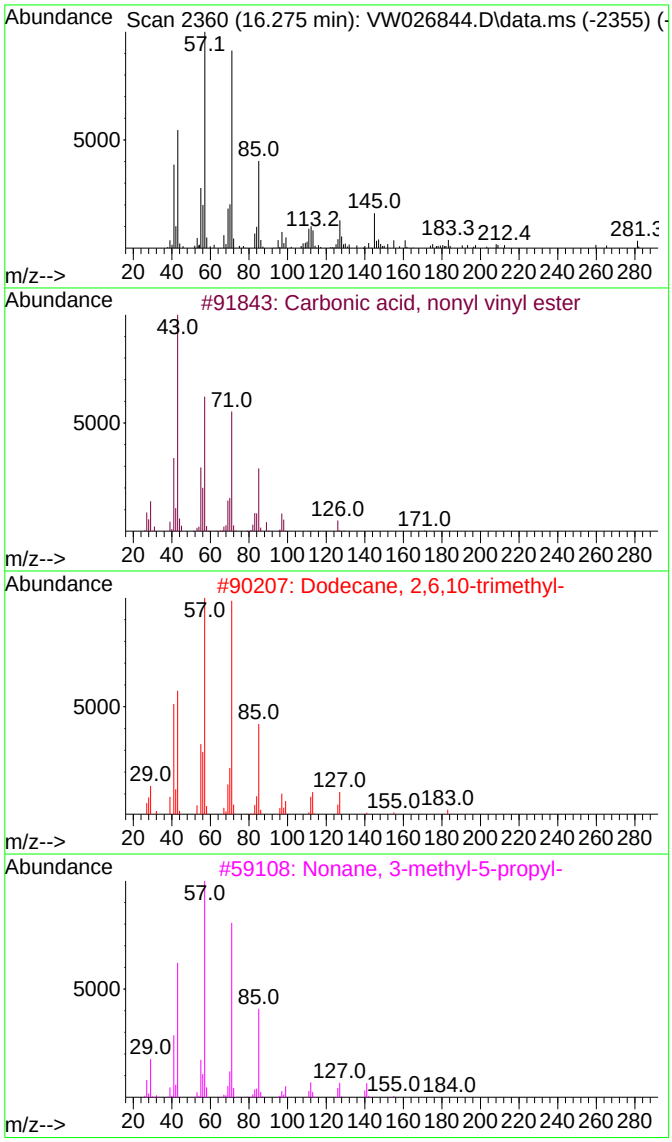
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

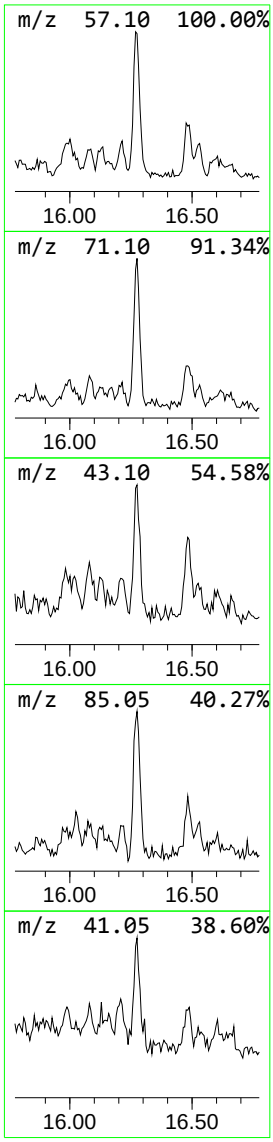
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Carbonic acid, nonyl vinyl ... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	2.07 ug/L	92992	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	72
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	58
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026844.D
Acq On : 24 Aug 2023 02:58
Operator : SY/MD
Sample : 04113-06
Misc : 5.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.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...	1.960	4.2	ug/L	221443	1	8.843	1328250	25.0
(DEL) Alkane: S...	3.027	1.8	ug/L	96358	1	8.843	1328250	25.0
(DEL) Alkane: S...	3.393	2.7	ug/L	142178	1	8.843	1328250	25.0
(DEL) Alkane: S...	4.960	5.0	ug/L	263514	1	8.843	1328250	25.0
(DEL) Alkane: S...	5.441	3.0	ug/L	159560	1	8.843	1328250	25.0
Butanal	5.783	1.3	ug/L	66934	1	8.843	1328250	25.0
(DEL) Alkane: S...	5.935	2.3	ug/L	120671	1	8.843	1328250	25.0
(DEL) Alkane: S...	8.032	1.8	ug/L	97039	1	8.843	1328250	25.0
(DEL) Alkane: S...	8.154	4.1	ug/L	217940	1	8.843	1328250	25.0
(DEL) Alkane: S...	8.697	2.2	ug/L	116520	1	8.843	1328250	25.0
(DEL) Alkane: S...	9.953	2.0	ug/L	107075	1	8.843	1328250	25.0
(DEL) Alkane: S...	10.093	4.0	ug/L	214061	1	8.843	1328250	25.0
(DEL) Alkane: S...	10.502	2.7	ug/L	155292	2	11.629	1440870	25.0
(DEL) Alkane: C...	10.666	1.3	ug/L	72236	2	11.629	1440870	25.0
(DEL) Alkane: C...	11.227	3.5	ug/L	199429	2	11.629	1440870	25.0
(DEL) Alkane: S...	11.410	1.5	ug/L	88410	2	11.629	1440870	25.0
(DEL) Alkane: S...	11.508	1.7	ug/L	99977	2	11.629	1440870	25.0
(DEL) Alkane: S...	12.245	3.4	ug/L	195459	2	11.629	1440870	25.0
(DEL) Alkane: S...	12.361	10.5	ug/L	607233	2	11.629	1440870	25.0
(DEL) Alkane: C...	12.775	6.3	ug/L	280654	3	13.556	1120400	25.0
unknown-01	12.861	4.2	ug/L	190141	3	13.556	1120400	25.0
(DEL) Alkane: S...	13.074	2.1	ug/L	94725	3	13.556	1120400	25.0
Sulfurous acid,...	13.117	1.8	ug/L	82043	3	13.556	1120400	25.0
(DEL) Alkane: S...	13.160	6.9	ug/L	310898	3	13.556	1120400	25.0
(DEL) Alkane: S...	13.336	1.3	ug/L	59583	3	13.556	1120400	25.0
unknown-02	13.379	1.6	ug/L	70361	3	13.556	1120400	25.0
p-Cymene	13.440	5.9	ug/L	265819	3	13.556	1120400	25.0
unknown-03	13.477	2.6	ug/L	116322	3	13.556	1120400	25.0
(DEL) Alkane: C...	13.690	2.0	ug/L	87896	3	13.556	1120400	25.0
unknown-04	13.745	1.8	ug/L	79630	3	13.556	1120400	25.0
Benzene, 2-ethy...	14.007	2.4	ug/L	109121	3	13.556	1120400	25.0
o-Cymene	14.092	3.4	ug/L	152849	3	13.556	1120400	25.0
Benzene, 2-bute...	14.202	7.2	ug/L	323122	3	13.556	1120400	25.0
3,4-Dimethylcumene	14.251	3.5	ug/L	157950	3	13.556	1120400	25.0
1H-Indene, 2,3-...	14.336	4.4	ug/L	195594	3	13.556	1120400	25.0
Bicyclo[2.2.1]h...	14.379	3.2	ug/L	144134	3	13.556	1120400	25.0
Benzene, 1,2,4,...	14.416	2.4	ug/L	106899	3	13.556	1120400	25.0
Benzene, 1-ethy...	14.452	3.2	ug/L	144402	3	13.556	1120400	25.0
Benzene, 2,4-di...	14.495	1.8	ug/L	82073	3	13.556	1120400	25.0
Naphthalene, de...	14.544	4.7	ug/L	209833	3	13.556	1120400	25.0
1H-Indene, 2,3-...	14.635	2.1	ug/L	93813	3	13.556	1120400	25.0
Benzene, 1-meth...	14.720	3.2	ug/L	145094	3	13.556	1120400	25.0
1,3-Cyclopentad...	14.787	9.5	ug/L	425485	3	13.556	1120400	25.0
Benzene, 1,4-di...	15.062	3.5	ug/L	158676	3	13.556	1120400	25.0
1H-Indene, 2,3-...	15.165	6.2	ug/L	278048	3	13.556	1120400	25.0
(DEL) Alkane: S...	15.318	3.8	ug/L	168415	3	13.556	1120400	25.0
Azulene	15.360	2.5	ug/L	110830	3	13.556	1120400	25.0
Naphthalene, 5-...	15.647	2.0	ug/L	87219	3	13.556	1120400	25.0
(DEL) Alkane: S...	15.720	1.3	ug/L	59864	3	13.556	1120400	25.0
Carbonic acid, ...	16.275	2.1	ug/L	92992	3	13.556	1120400	25.0