LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

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: VW026876.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	9	12	24	rVB4	38314	98946	1.87%	0.165%
2	2.174	41	47	57	rBV	16323	35806	0.68%	0.060%
3	2.363	68	78	90	rBV2	126171	320762	6.05%	0.534%
4	2.893	158	165	180	rVV	65095	191765	3.62%	0.319%
5	3.027	180	187	200	rVB2	35974	97946	1.85%	0.163%
6	3.393	238	247	261	rBV	86227	231766	4.37%	0.386%
7	4.027	337	351	363	rBV2	142242	514010	9.69%	0.856%
8	4.125	363	367	388	rVB	28676	90393	1.70%	0.151%
9	4.393	397	411	425	rBV2	58373	195092	3.68%	0.325%
10	4.954	484	503	525	rBV8	48976	287854	5.43%	0.479%
11	5.435	570	582	592	rBV2	37314	131505	2.48%	0.219%
12	5.765	622	636	651	rVB8	9026	38192	0.72%	0.064%
13	5.941	651	665	680	rBV2	88950	273567	5.16%	0.456%
14	6.216	699	710	720	rBV2	63646	206228	3.89%	0.343%
15	6.984	828	836	844	rBV4	12751	37811	0.71%	0.063%
16	7.081	844	852	859	rBV	49762	140236	2.64%	0.234%
17	7.667	933	948	962	rBV4	508696	1831856	34.53%	3.050%
18	7.874	971	982	987	rBV2	106252	293091	5.53%	0.488%
19	7.923	988	990	1000	rVV	52117	95757	1.81%	0.159%
20	8.039	1002	1009	1020	rVB7	22804	76790	1.45%	0.128%
21	8.154	1020	1028	1037	rVB2	89102	199987	3.77%	0.333%
22	8.276	1037	1048	1065	rBV2	635955	1935291	36.48%	3.222%
23	8.417	1065	1071	1079	rVB5	15161	42129	0.79%	0.070%
24	8.587	1093	1099	1106	rVB8	12073	36068	0.68%	0.060%
25	8.691	1106	1116	1127	rVB	100628	208614	3.93%	0.347%
26	8.843	1130	1141	1154	rBV	706083	1475339	27.81%	2.457%
27	9.087	1171	1181	1197	rVB4	64335	158132	2.98%	0.263%
28	9.270	1202	1211	1219	rBV	451844	947597	17.86%	1.578%
29	9.520	1245	1252	1257	rBV2	17278	35854	0.68%	0.060%
30	9.953	1318	1323	1326	rBV2	32710	53761	1.01%	0.090%
31	10.032	1331	1336	1342	rBV	178515	294458	5.55%	0.490%
32	10.093	1342	1346	1350	rBV	42181	67427	1.27%	0.112%
33	10.319	1376	1383	1391	rBV	781282	1432196	27.00%	2.385%
34	10.392	1391	1395	1401	rVB4	24367	47957	0.90%	0.080%
35	10.502	1406	1413	1419	rVB	75968	137409	2.59%	0.229%
36	10.575	1419	1425	1436	rBV	122411	233314	4.40%	0.388%

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ClientSampleId :
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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	10.861	1464	1472	1477	rBV	231288	413174	7.79%	0.688%
38	10.922	1477	1482	1492	rVB	128592	233790	4.41%	0.389%
39	11.410	1553	1562	1573	rVB5	33532	110779	2.09%	0.184%
40	11.507	1573	1578	1588	rBV	39914	75810	1.43%	0.126%
41	11.629	1591	1598	1607	rVB	821535	1401158	26.41%	2.333%
42	11.727	1609	1614	1618	rBV3	29479	49679	0.94%	0.083%
43	11.837	1623	1632	1642	rBV3	70349	165713	3.12%	0.276%
44	12.135	1674	1681	1682	rBV2	31259	48639	0.92%	0.081%
45	12.245	1692	1699	1704	rVB3	28117	54847	1.03%	0.091%
46	12.361	1704	1718	1725	rBV6	57442	227298	4.29%	0.378%
47	12.690	1767	1772	1779	rVV	320151	520438	9.81%	0.867%
48	12.776	1781	1786	1793	rVB3	87050	166040	3.13%	0.276%
49	12.861	1793	1800	1804	rBV4	62082	134379	2.53%	0.224%
50	12.934	1805	1812	1818	rVV3	191822	404907	7.63%	0.674%
51	13.074	1831	1835	1837	rBV3	43070	63523	1.20%	0.106%
52	13.160	1845	1849	1858	rBV2	127293	218490	4.12%	0.364%
53	13.245	1858	1863	1868	rBV	205595	321902	6.07%	0.536%
54	13.288	1868	1870	1874	rVB2	31505	36554	0.69%	0.061%
55	13.379	1875	1885	1889	rBV2	108205	232394	4.38%	0.387%
56	13.440	1889	1895	1899	rBV2	279841	485336	9.15%	0.808%
57	13.489	1899	1903	1909	rVV3	141914	264375	4.98%	0.440%
58	13.556	1909	1914	1922	rVB2	637313	1287598	24.27%	2.144%
59	13.623	1922	1925	1927	rBV2	38538	49622	0.94%	0.083%
60	13.714	1933	1940	1941	rBV2	145441	235588	4.44%	0.392%
61	13.745	1941	1945	1948	rVV	395176	585105	11.03%	0.974%
62	13.781	1948	1951	1958	rVV2	863597	1317996	24.85%	2.195%
63	13.867	1958	1965	1971	rVB4	717296	1724911	32.52%	2.872%
64	13.946	1973	1978	1983	rBV	270427	389153	7.34%	0.648%
65	14.007	1983	1988	1990	rBV	452638	709096	13.37%	1.181%
66	14.031	1990	1992	1997	rVB	524019	728437	13.73%	1.213%
67	14.092	1997	2002	2007	rVB	870211	1261929	23.79%	2.101%
68	14.196	2010	2019	2024	rBV3	1429226	2527534	47.65%	4.209%
69	14.245	2024	2027	2030	rBV	338664	552127	10.41%	0.919%
70	14.336	2036	2042	2046	rBV2	628513	1017984	19.19%	1.695%
71	14.379	2046	2049	2052	rBV	368393	579439	10.92%	0.965%
72	14.415	2052	2055	2058	rVV3	591188	818634	15.43%	1.363%
73	14.452	2058	2061	2065	rVB	1114347	1392754	26.26%	2.319%
74	14.495	2065	2068	2071	rBV	914834	1121468	21.14%	1.867%
75	14.531	2071	2074	2077	rBV	667805	874819	16.49%	1.457%
76	14.635	2083	2091	2095	rBV2	1084332	1743034	32.86%	2.902%

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Instrument :
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ClientSampleId :
EZYH8

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

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Peak separation: 5

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

77	14.720	2095	2105	2110	rBV5	1033667	2522014	47.54%	4.199%
78	14.787	2110	2116	2123	rBV3	2371025	5304486	100.00%	8.832%
79	14.848	2123	2126	2132	rVB2	412456	732023	13.80%	1.219%
80	14.952	2140	2143	2150	rBV2	240809	463070	8.73%	0.771%
81	15.019	2150	2154	2156	rVV3	400260	627445	11.83%	1.045%
82	15.062	2156	2161	2163	rVV3	1248439	2373284	44.74%	3.952%
83	15.092	2164	2166	2173	rVV2	1171630	2525332	47.61%	4.205%
84	15.165	2173	2178	2188	rVB2	1340615	3279643	61.83%	5.461%
85	15.263	2188	2194	2198	rVB2	233358	372880	7.03%	0.621%
86	15.312	2198	2202	2208	rBV3	449074	773118	14.57%	1.287%
87	15.415	2214	2219	2222	rBV3	106539	226065	4.26%	0.376%
88	15.464	2222	2227	2231	rVV2	346726	718882	13.55%	1.197%
89	15.519	2232	2236	2237	rVV2	204697	337814	6.37%	0.562%
90	15.543	2238	2240	2249	rVB4	344759	585098	11.03%	0.974%
91	15.647	2249	2257	2263	rBV4	169580	417308	7.87%	0.695%
92	15.720	2265	2269	2274	rBV4	94717	175151	3.30%	0.292%
93	15.854	2288	2291	2300	rVB2	105489	185454	3.50%	0.309%
94	15.940	2301	2305	2309	rVB3	70971	110406	2.08%	0.184%
95	16.019	2310	2318	2323	rBV6	51347	144091	2.72%	0.240%
96	16.159	2332	2341	2347	rBV6	85396	256183	4.83%	0.427%
97	16.275	2355	2360	2366	rVB3	64484	118744	2.24%	0.198%
98	16.433	2380	2386	2390	rBV2	95569	210392	3.97%	0.350%
99	16.482	2390	2394	2400	rVB2	127627	231887	4.37%	0.386%
100	16.629	2411	2418	2430	rVB2	111861	325204	6.13%	0.541%

Sum of corrected areas: 60057333

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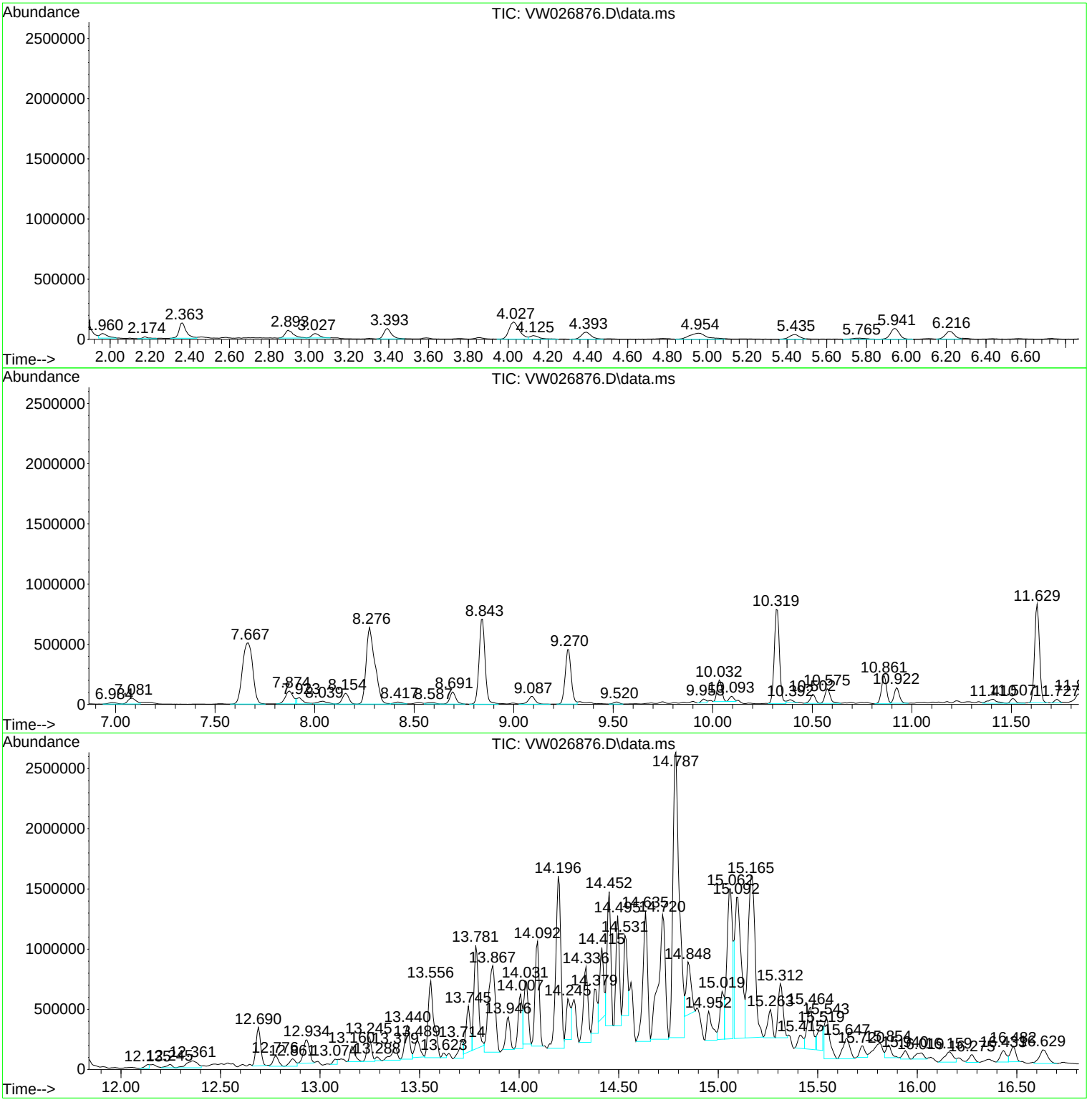
Instrument :
MSVOA_W
ClientSampleId :
EZYH8

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\VW082423\
Data File : VW026876.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

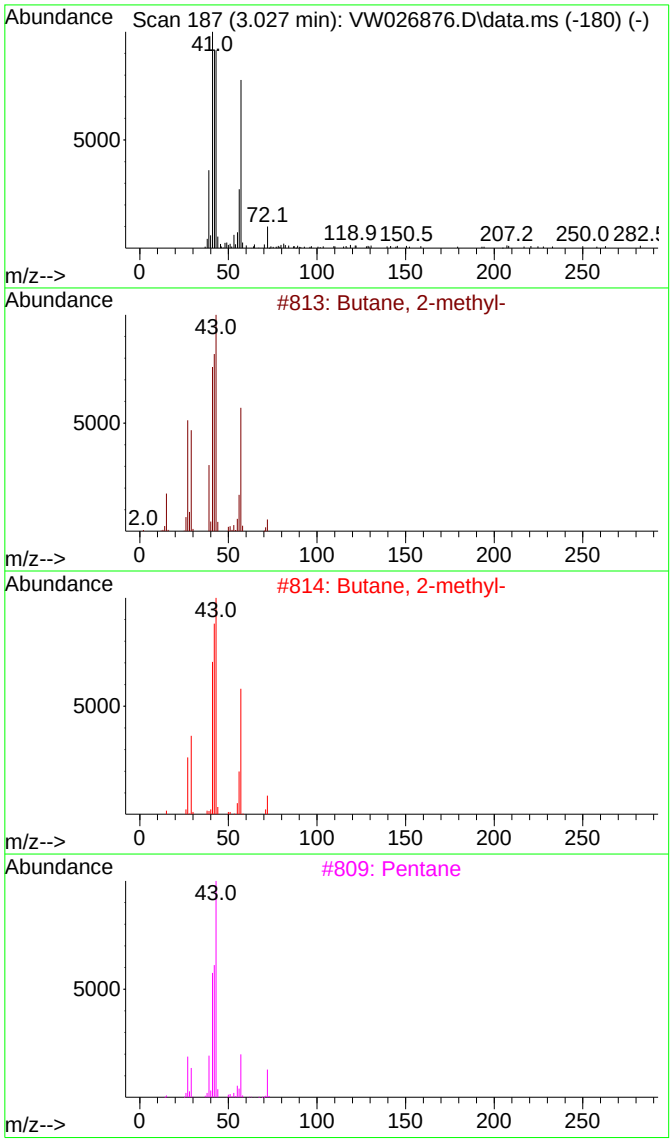
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

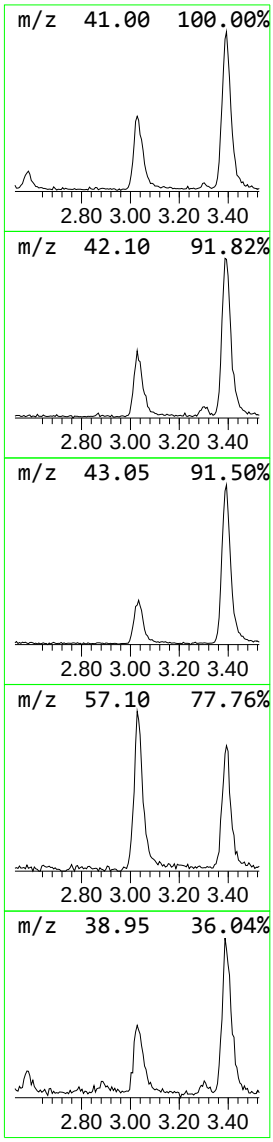
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.027	1.66 ug/L	97946	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	Pentane	72	C5H12	000109-66-0	28
4	Propane, 2-methyl-1-nitro-	103	C4H9NO2	000625-74-1	16
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

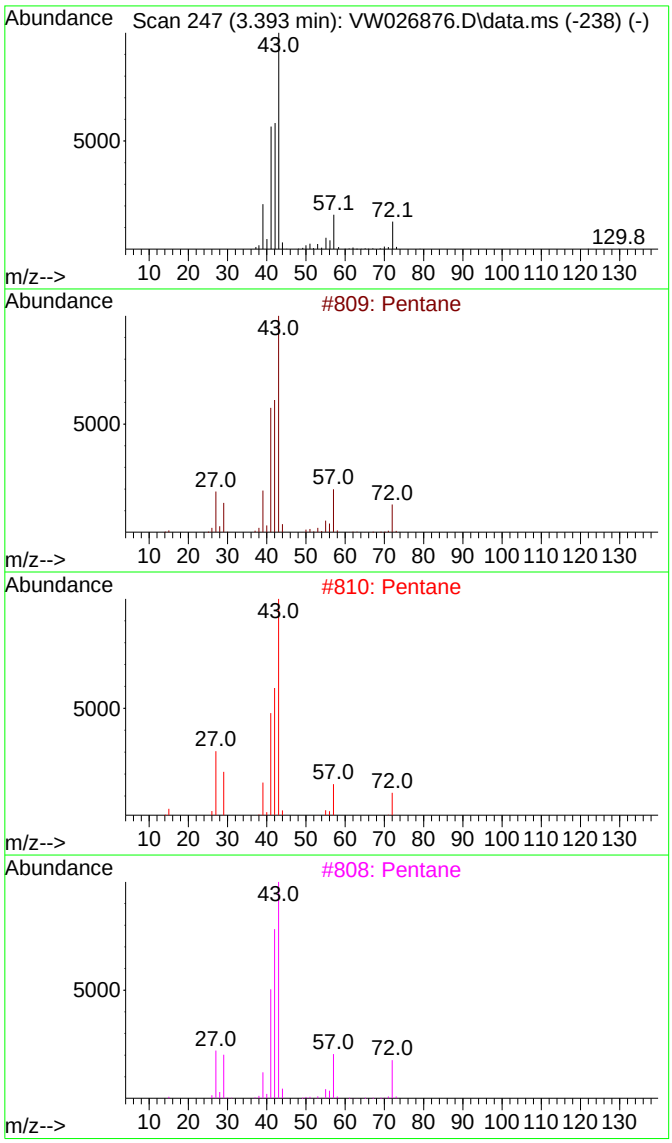
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

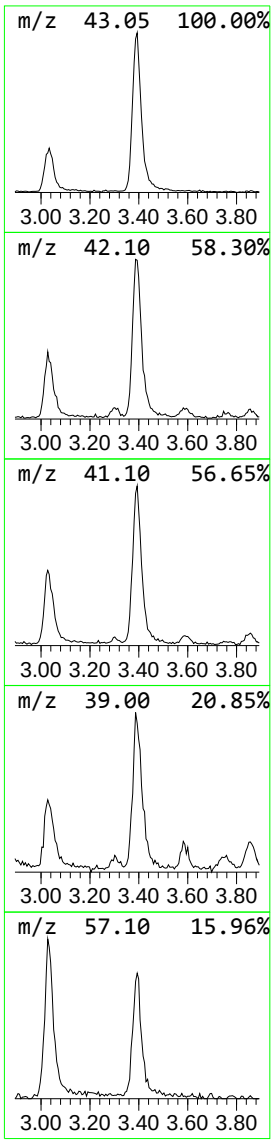
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	3.93 ug/L	231766	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

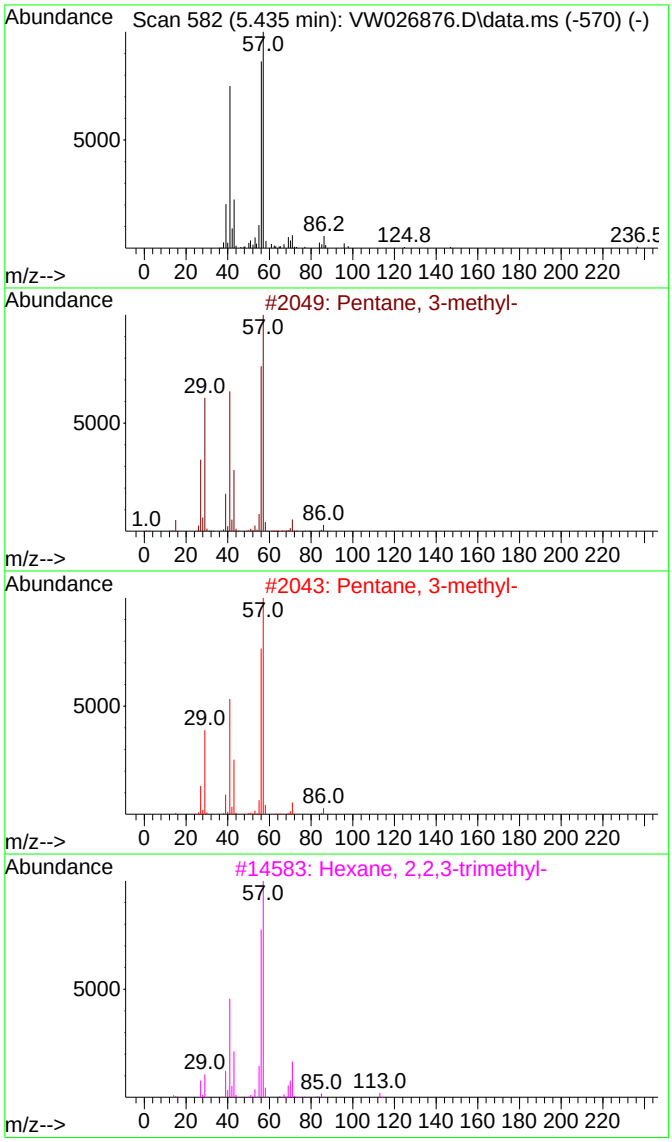
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

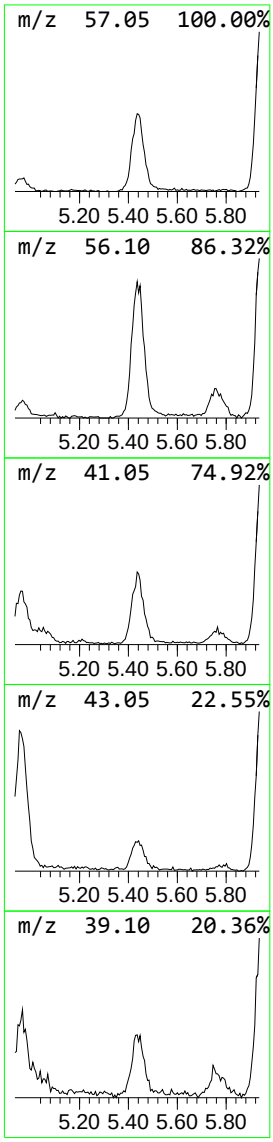
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.435	2.23 ug/L	131505	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	72
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
4	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	64
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	64





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

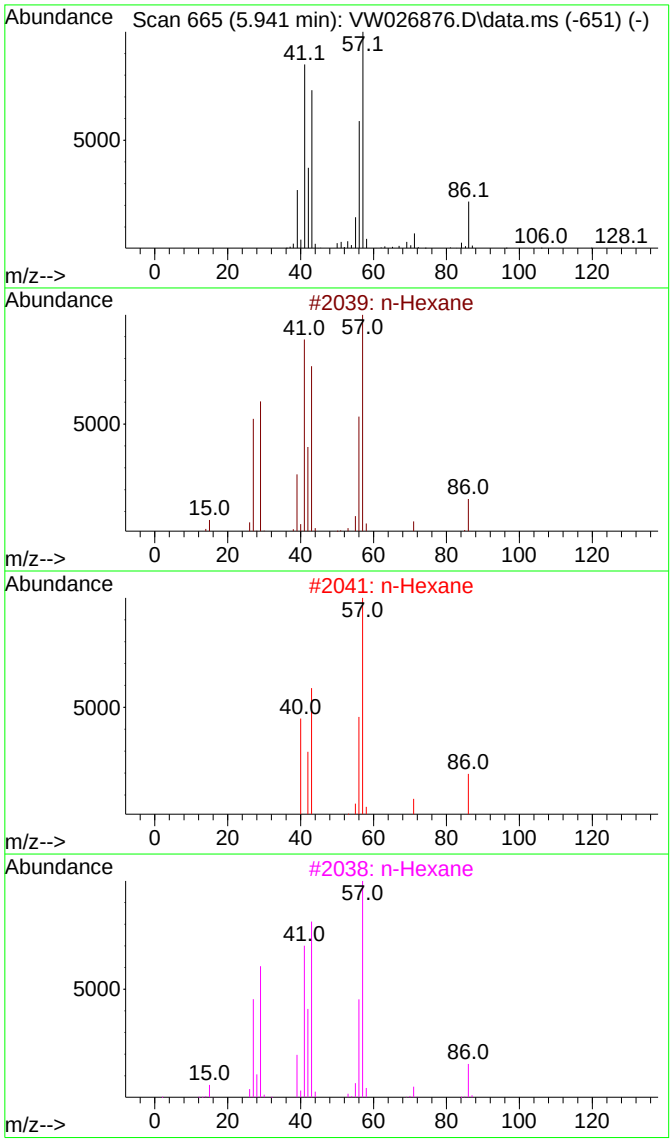
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

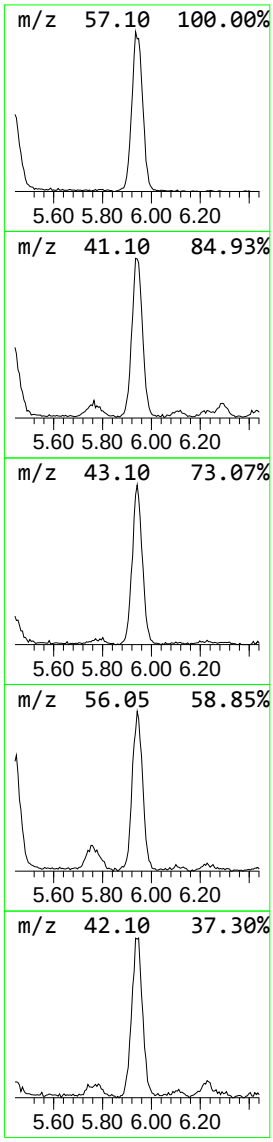
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	4.64 ug/L	273567	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	72
4	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
5	n-Hexane	86	C6H14	000110-54-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

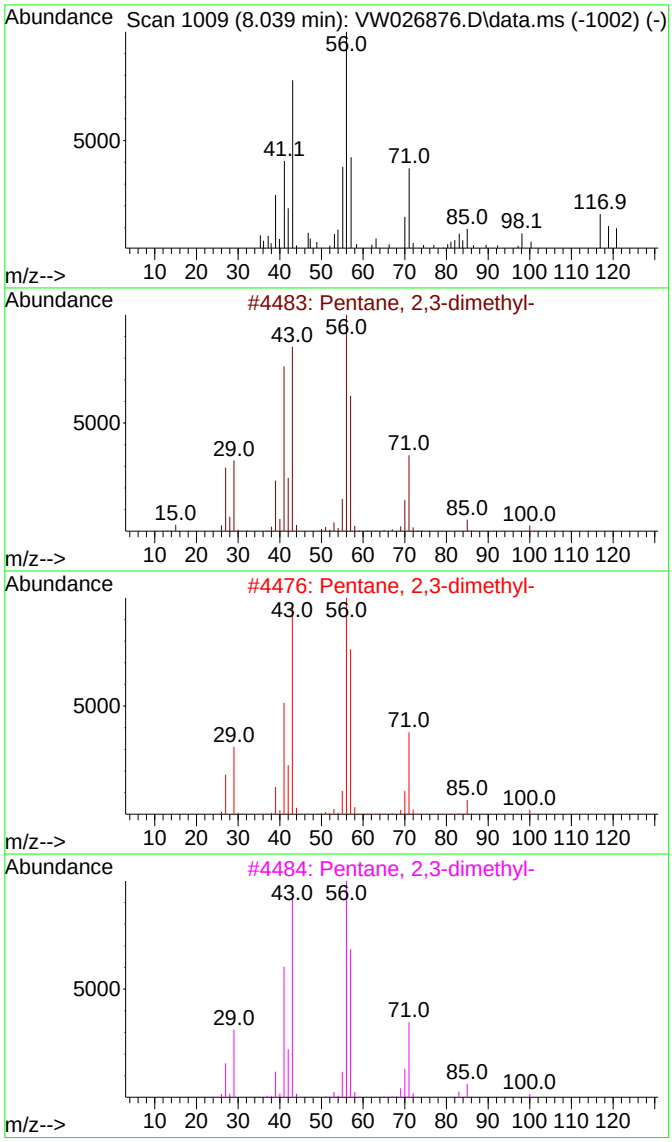
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

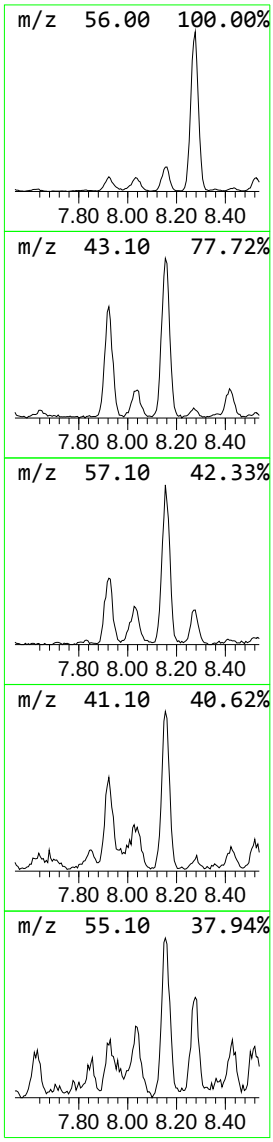
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.039	1.30 ug/L	76790	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	53
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	53
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	50
4	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	38
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

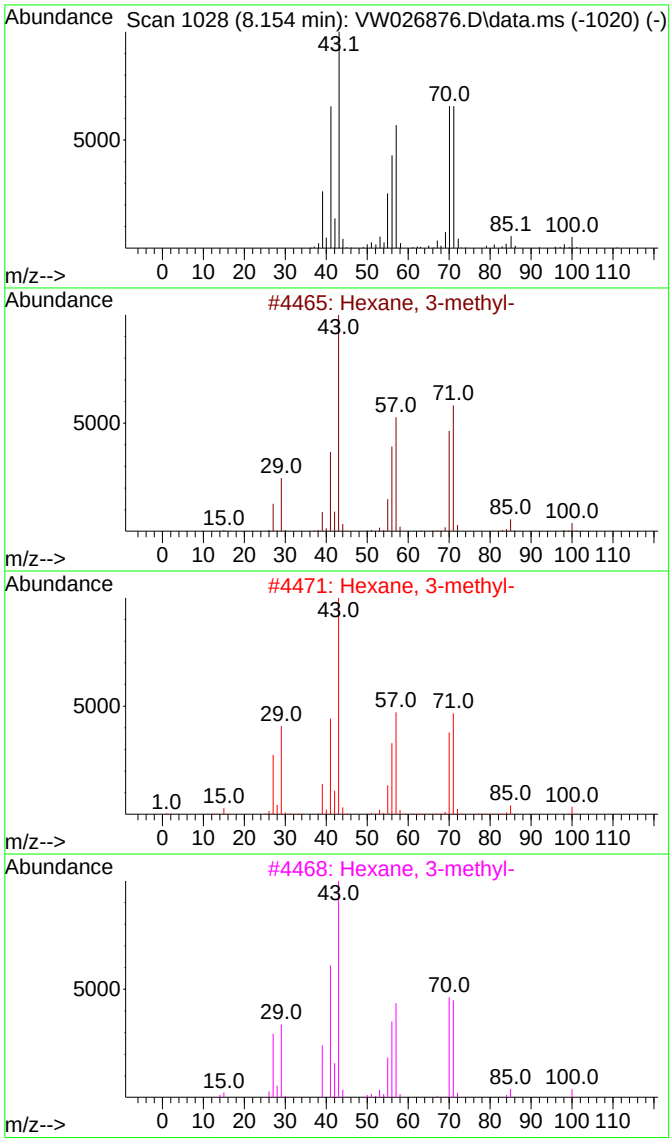
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

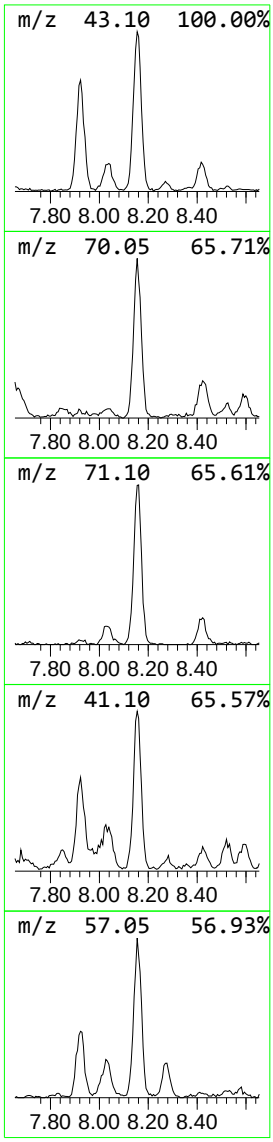
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.154	3.39 ug/L	199987	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	87
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	81
4	Heptane	100	C7H16	000142-82-5	80
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

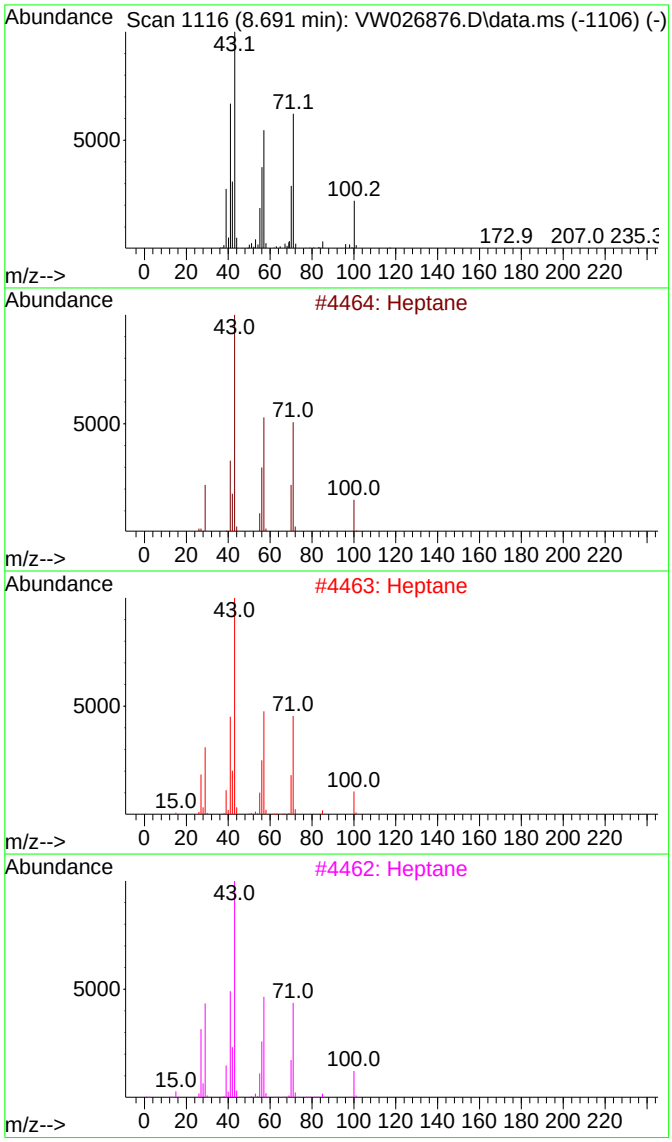
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

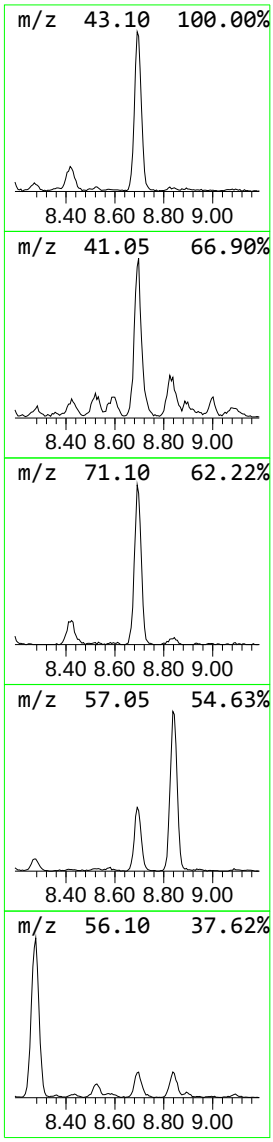
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.691	3.54 ug/L	208614	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	80
2	Heptane	100	C7H16	000142-82-5	72
3	Heptane	100	C7H16	000142-82-5	64
4	Heptane	100	C7H16	000142-82-5	64
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	47





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Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

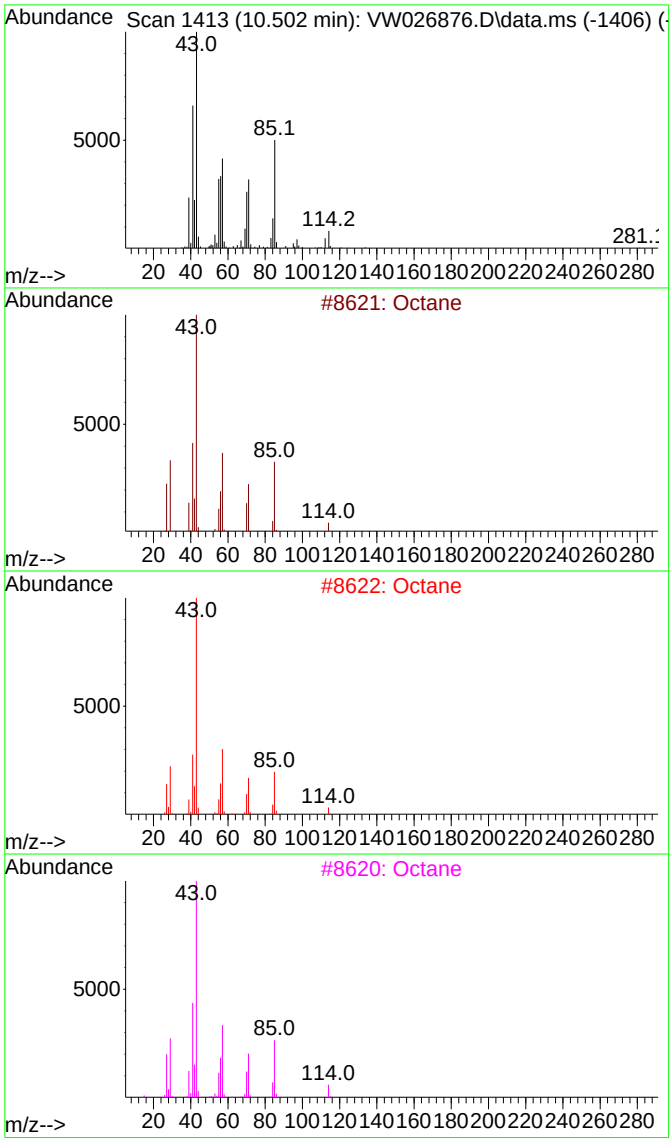
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

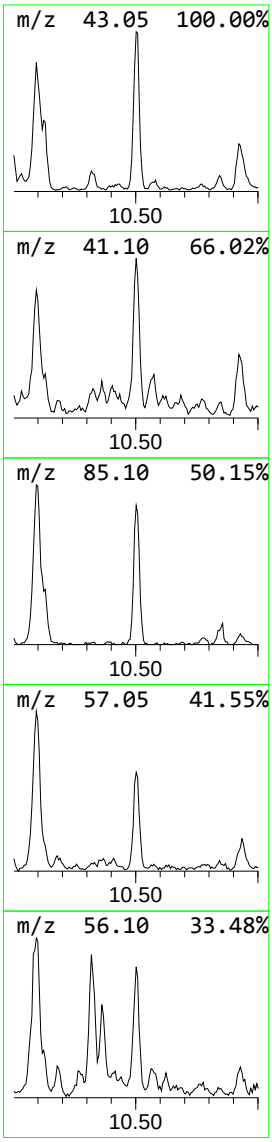
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	2.45 ug/L	137409	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	87
2	Octane	114	C8H18	000111-65-9	72
3	Octane	114	C8H18	000111-65-9	72
4	Octane	114	C8H18	000111-65-9	72
5	Octane	114	C8H18	000111-65-9	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

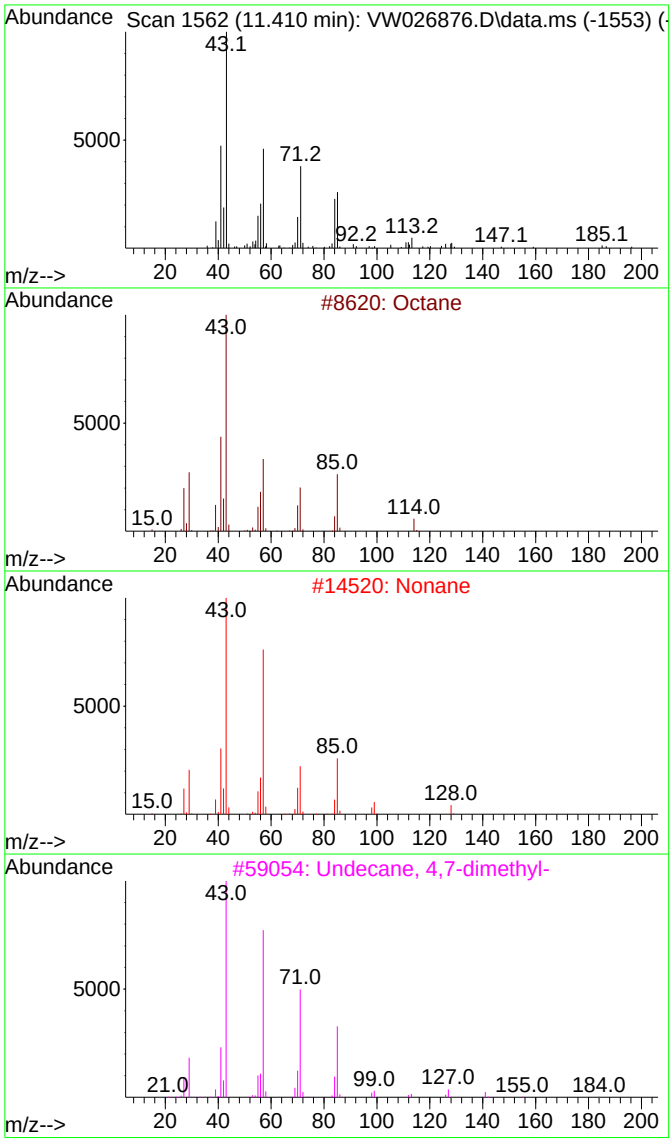
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

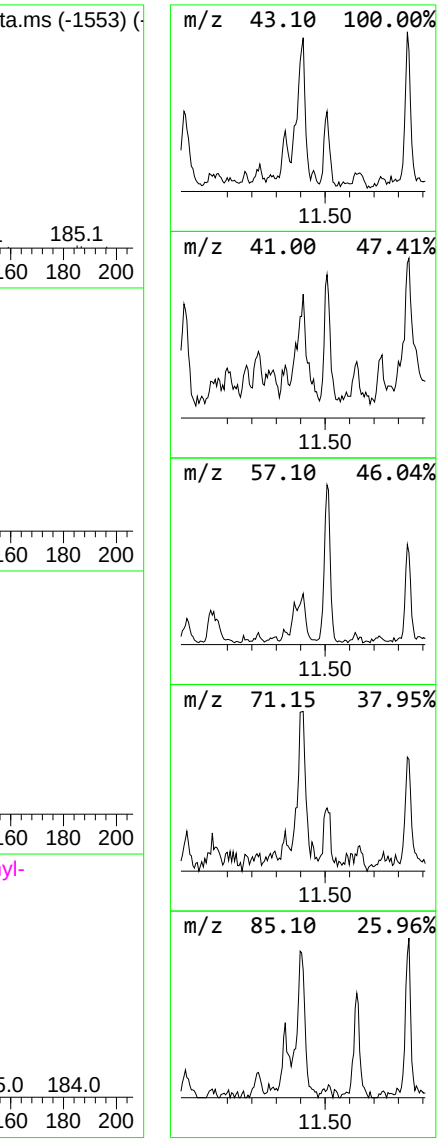
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.410	1.98 ug/L	110779	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	59
2	Nonane	128	C9H20	000111-84-2	59
3	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	53
4	Nonane	128	C9H20	000111-84-2	52
5	Octane, 2-methyl-	128	C9H20	003221-61-2	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

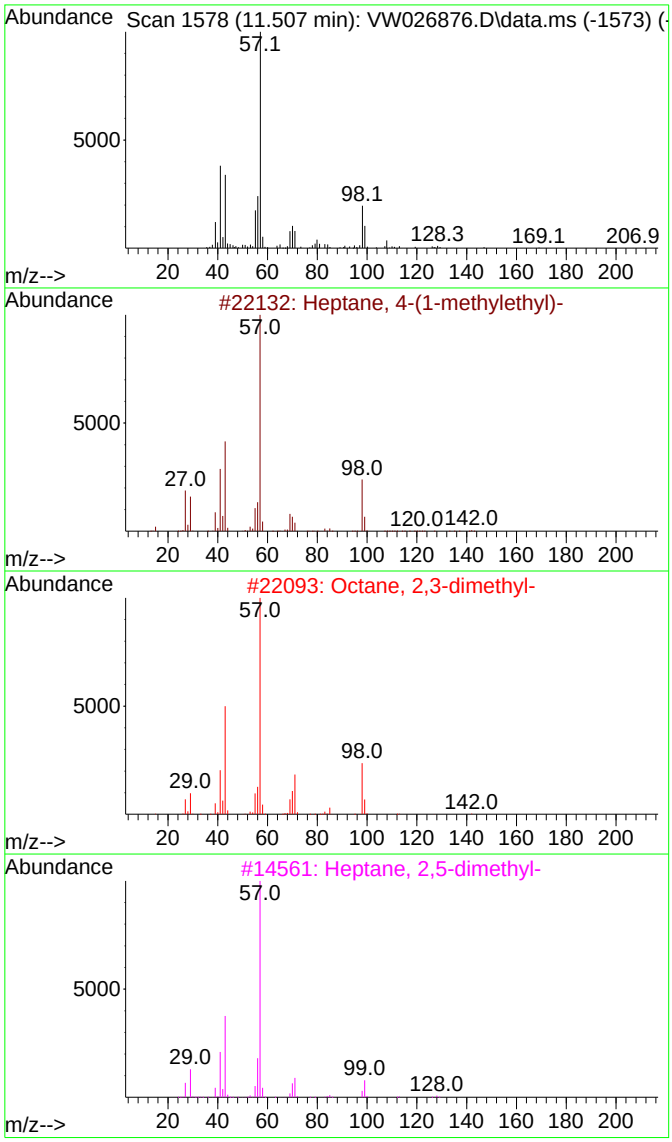
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

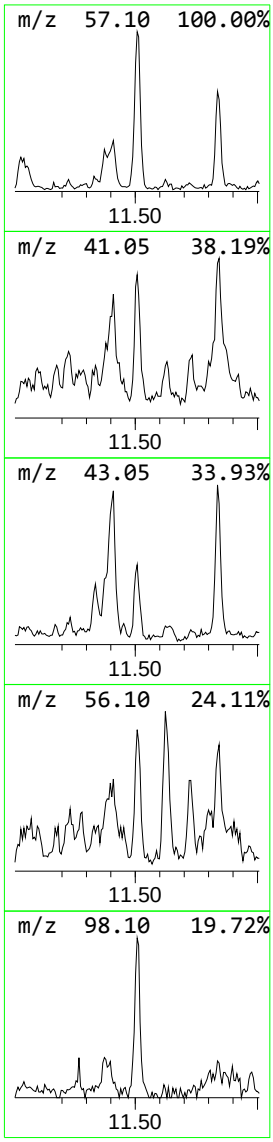
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.508	1.35 ug/L	75810	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	52
4	Octane, 3-methyl-	128	C9H20	002216-33-3	52
5	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

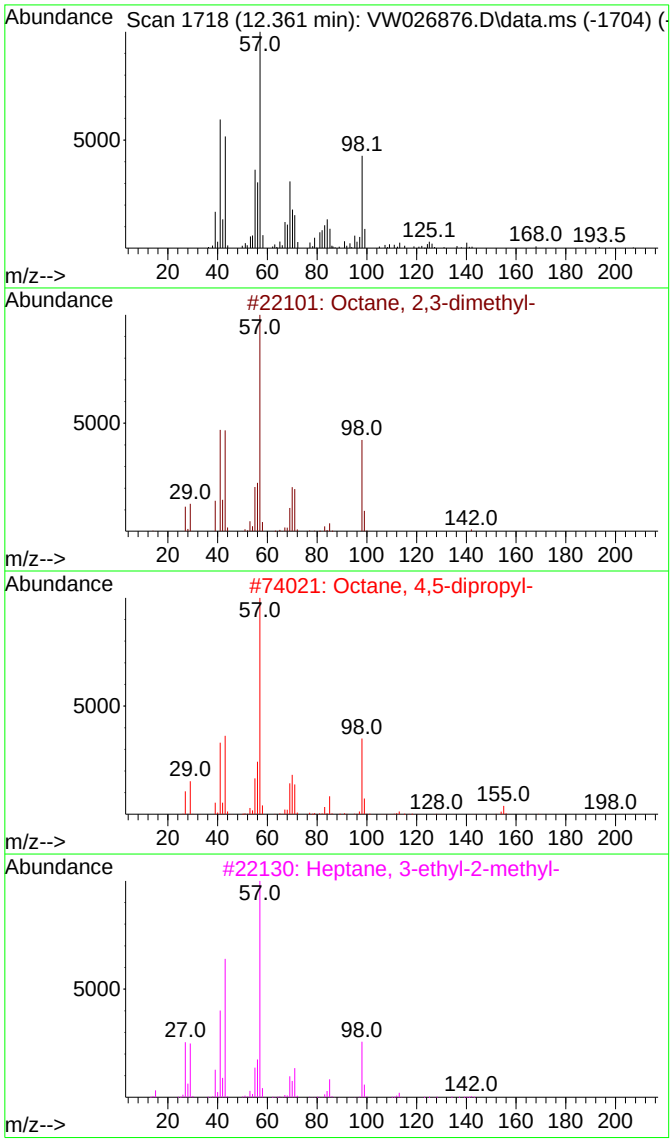
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

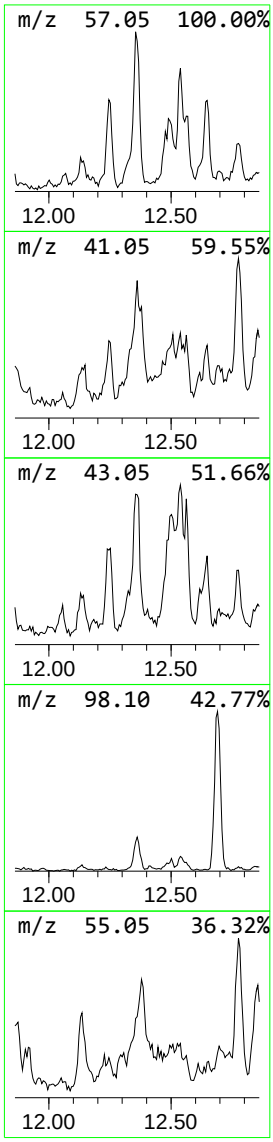
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	4.06 ug/L	227298	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
2	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	64
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	46
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43
5	2-Pentenal, 2-methyl-	98	C6H10O	000623-36-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

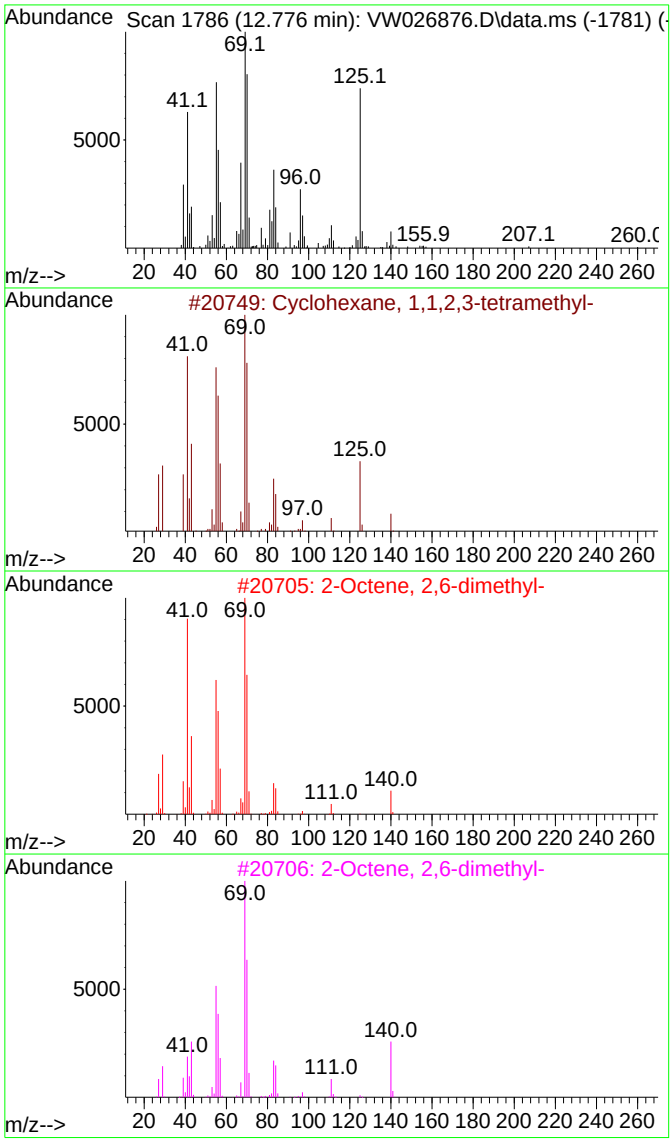
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

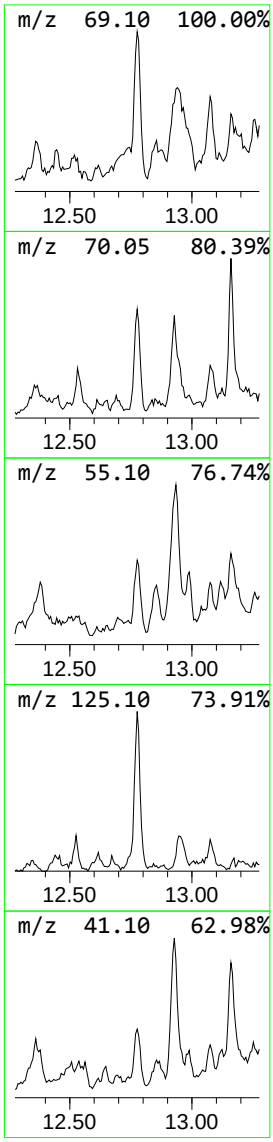
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic12.775 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	3.22 ug/L	166040	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	64
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	60
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46
4	Cyclopentane, butyl-	126	C9H18	002040-95-1	46
5	(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1000499-04-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
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Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

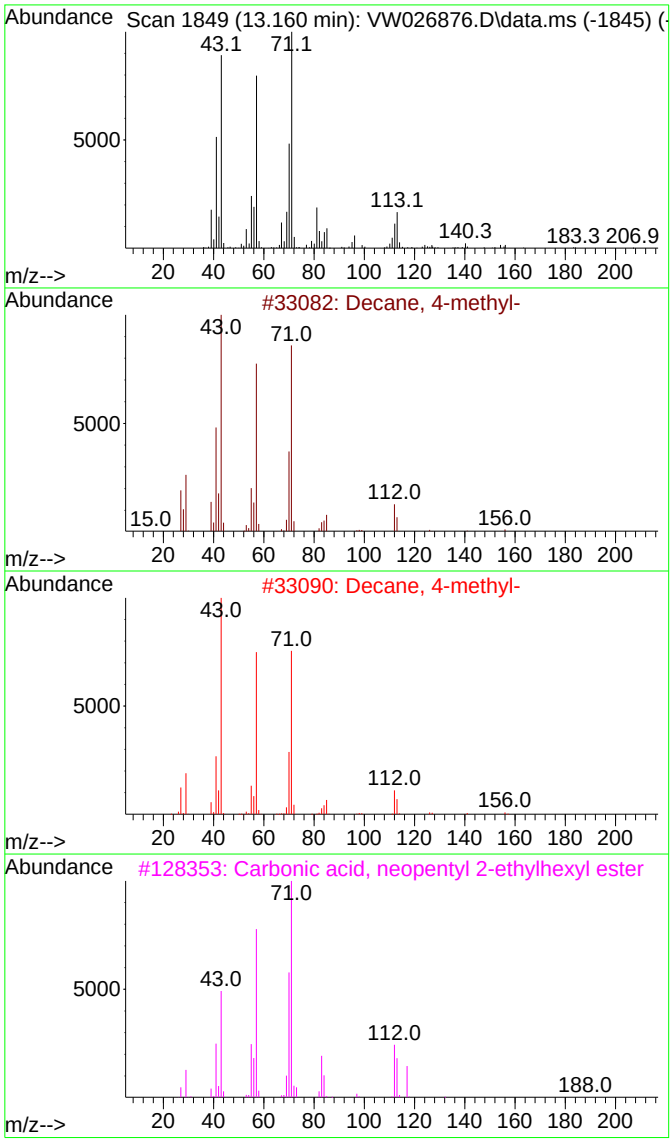
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

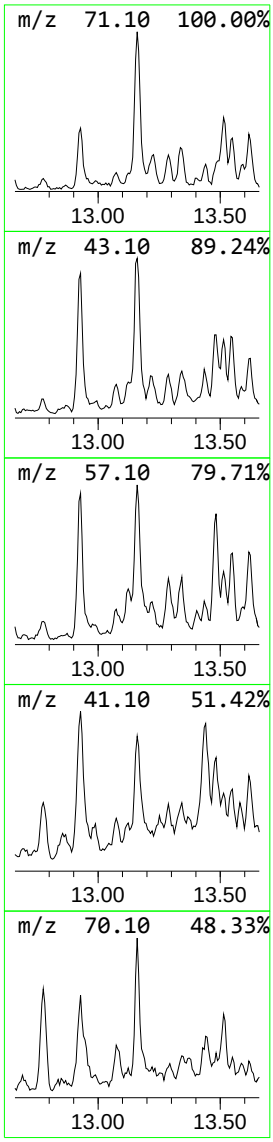
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	4.24 ug/L	218490	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	83
2	Decane, 4-methyl-	156	C11H24	002847-72-5	76
3	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	72
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	53
5	1-Decene, 4-methyl-	154	C11H22	013151-29-6	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

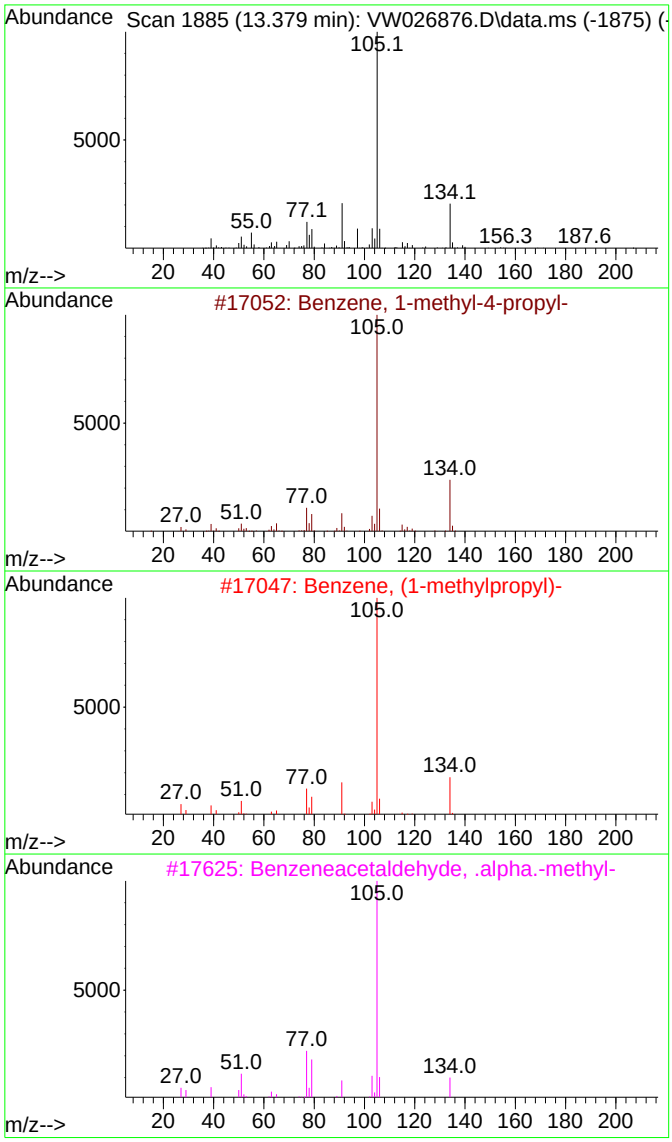
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

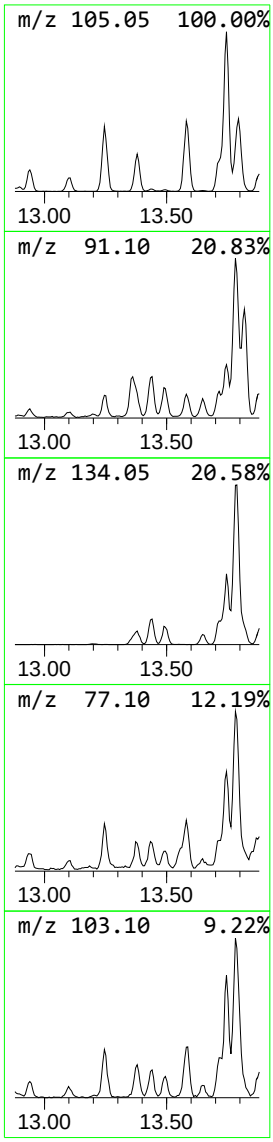
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-methyl-4-propyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.379	4.51 ug/L	232394	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	81
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	81
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81





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Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

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

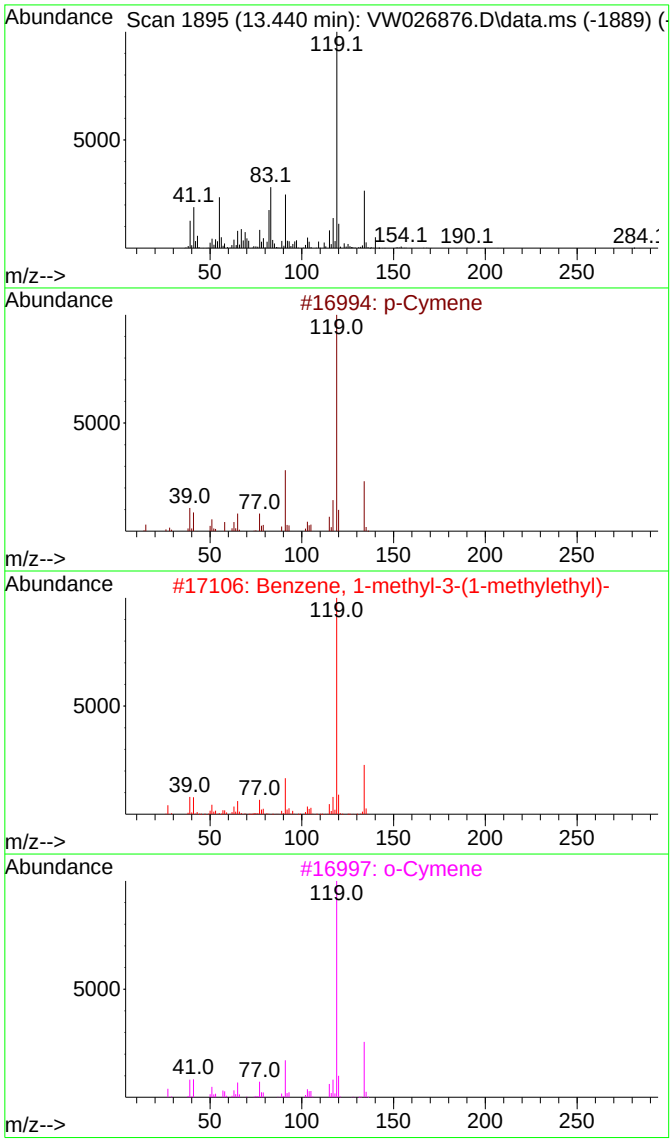
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

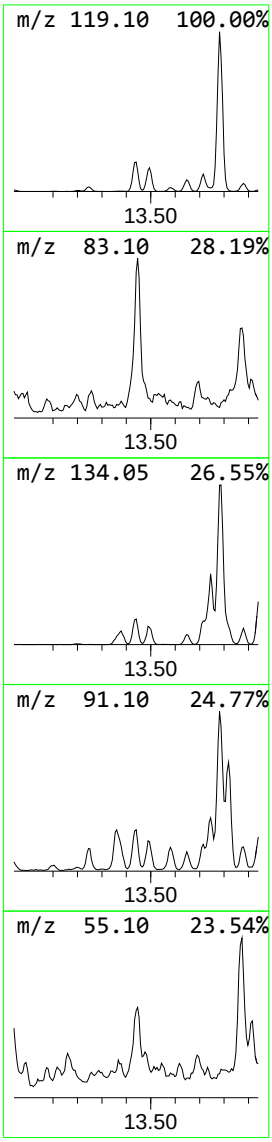
****

Peak Number 18 p-Cymene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	9.42 ug/L	485336	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	93
4	p-Cymene	134	C10H14	000099-87-6	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

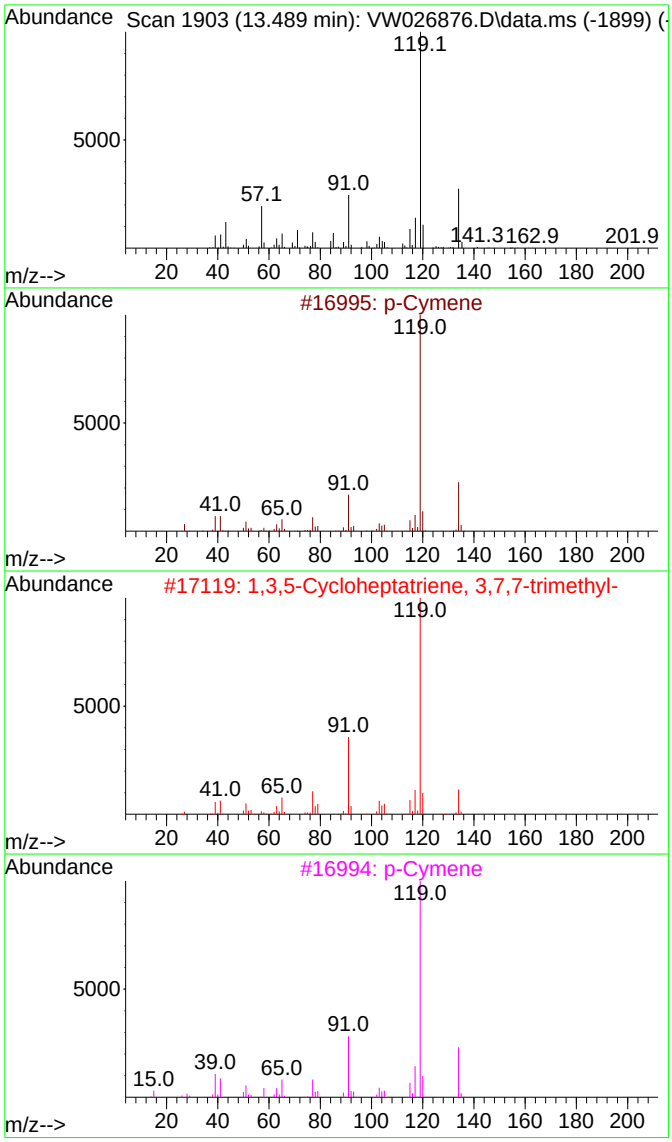
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

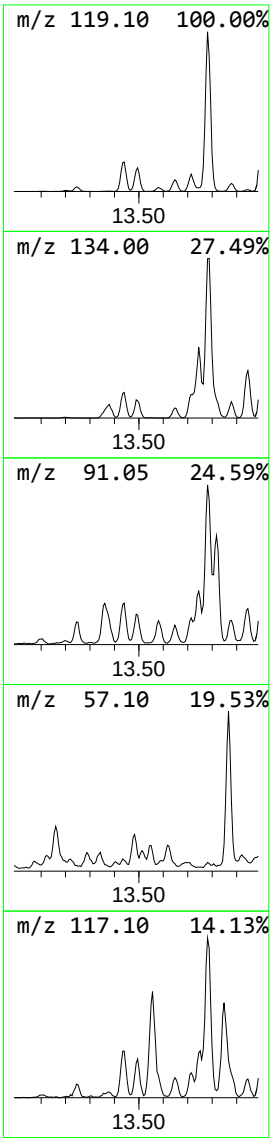
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,3,5-Cycloheptatriene, 3,7... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.489	5.13 ug/L	264375	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	91
3	p-Cymene	134	C10H14	000099-87-6	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	o-Cymene	134	C10H14	000527-84-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

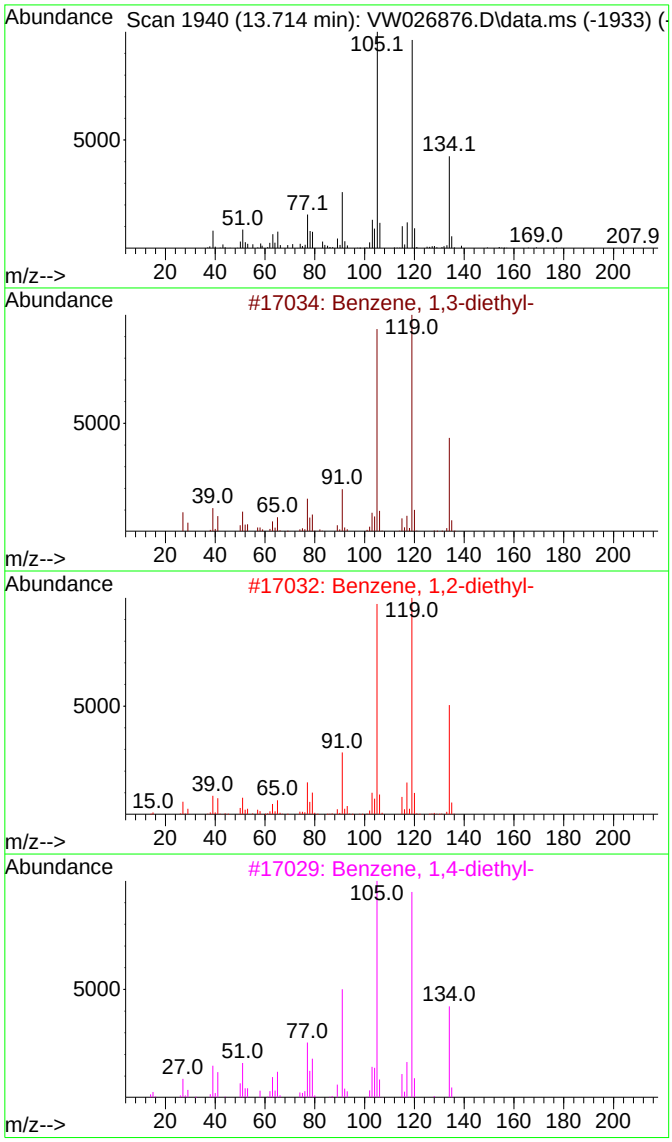
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

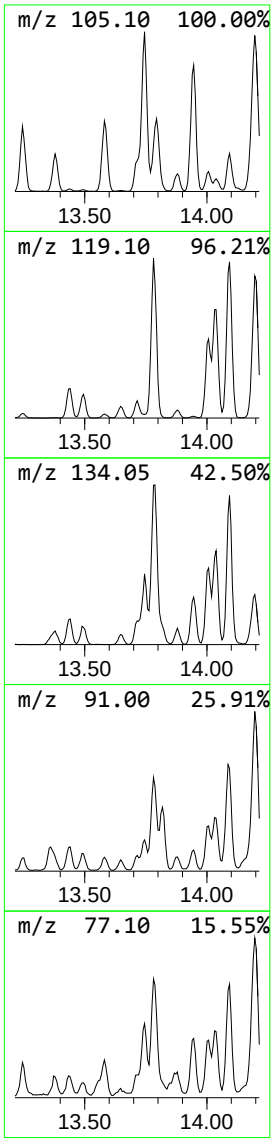
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1,3-diethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.714	4.57 ug/L	235588	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

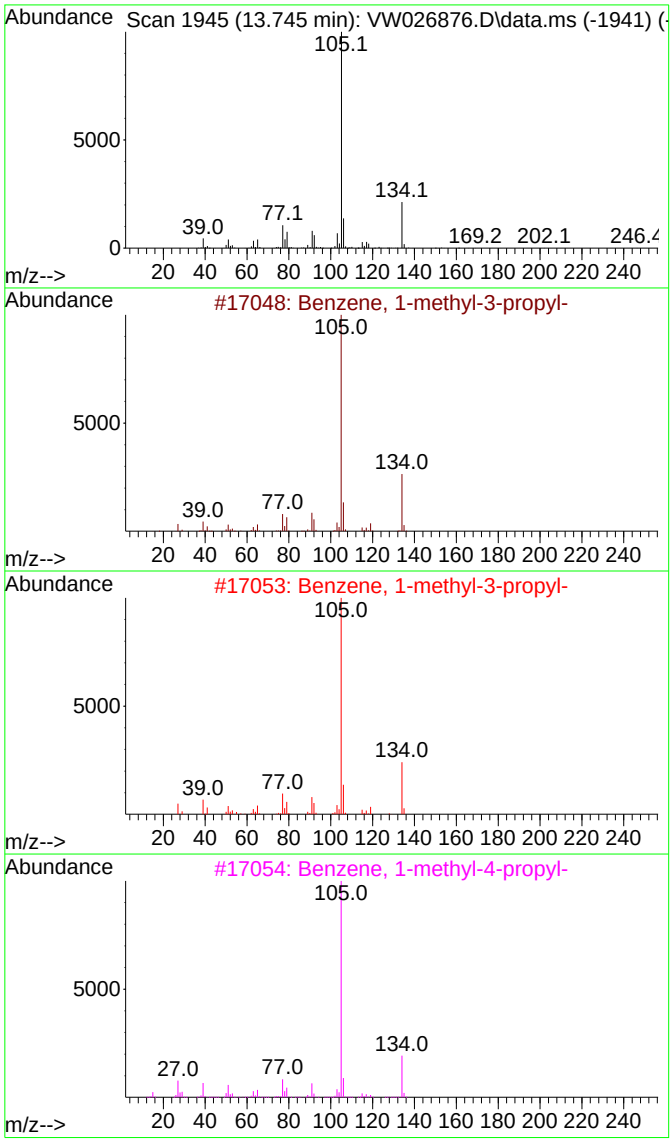
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

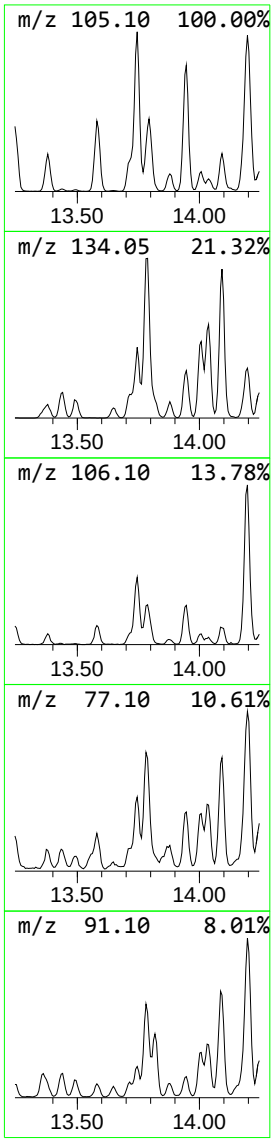
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1-methyl-3-propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	11.36 ug/L	585105	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

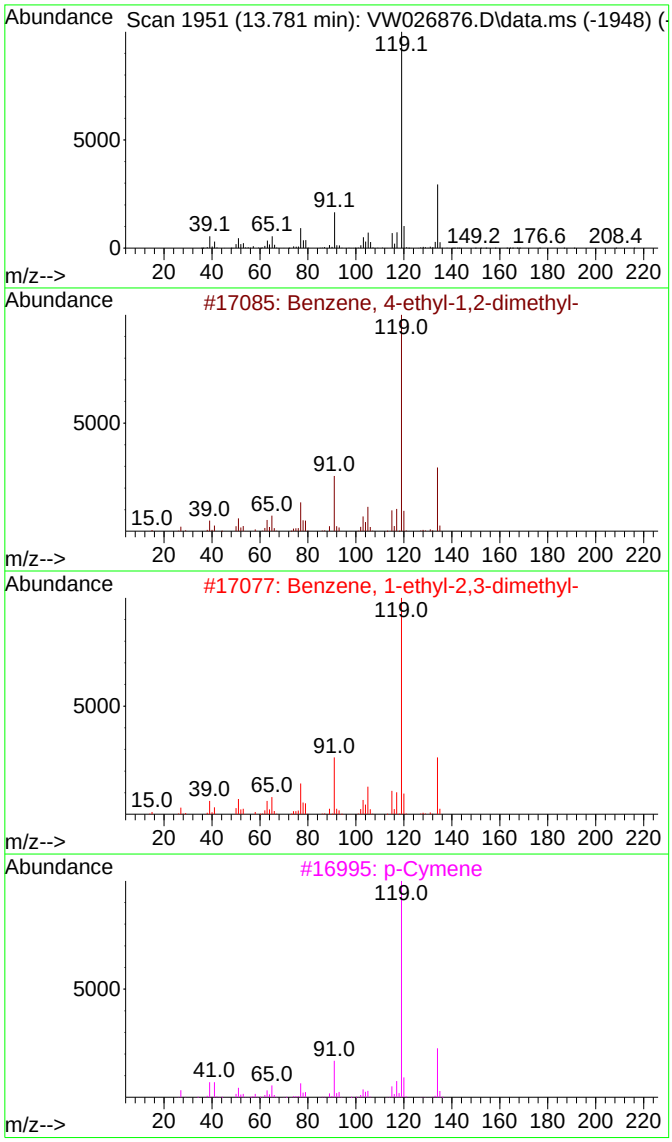
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

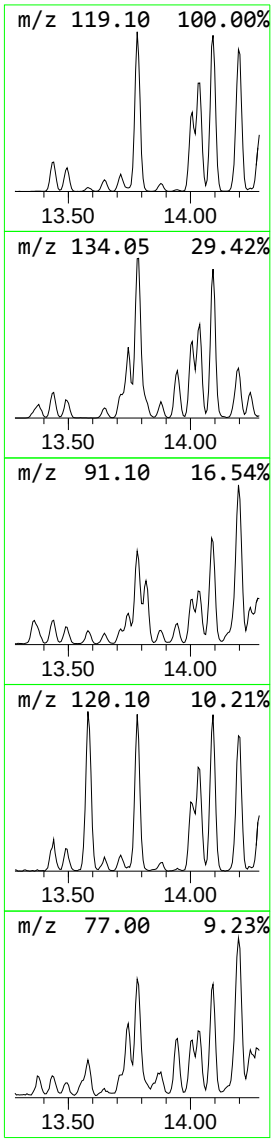
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.781	25.59 ug/L	1318000	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

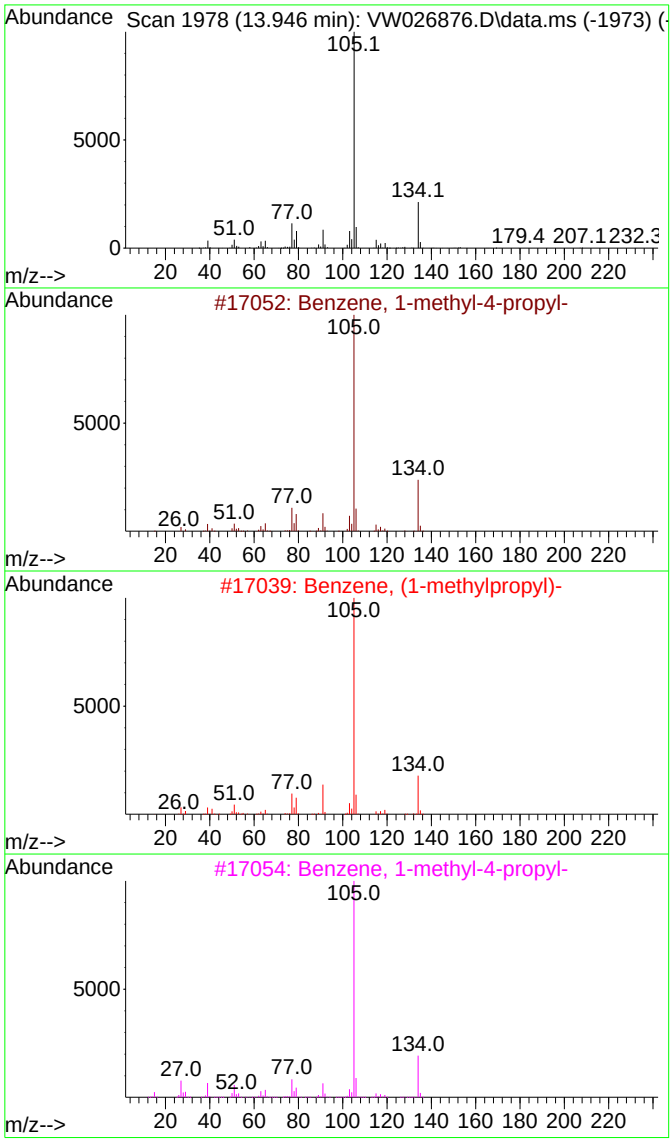
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

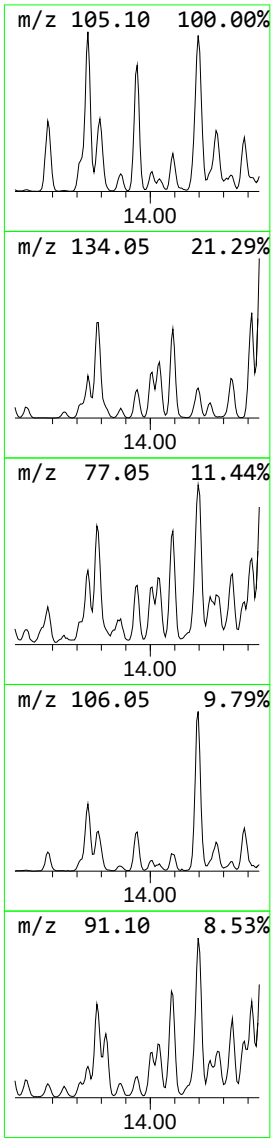
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, (1-methylpropyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.946	7.56 ug/L	389153	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

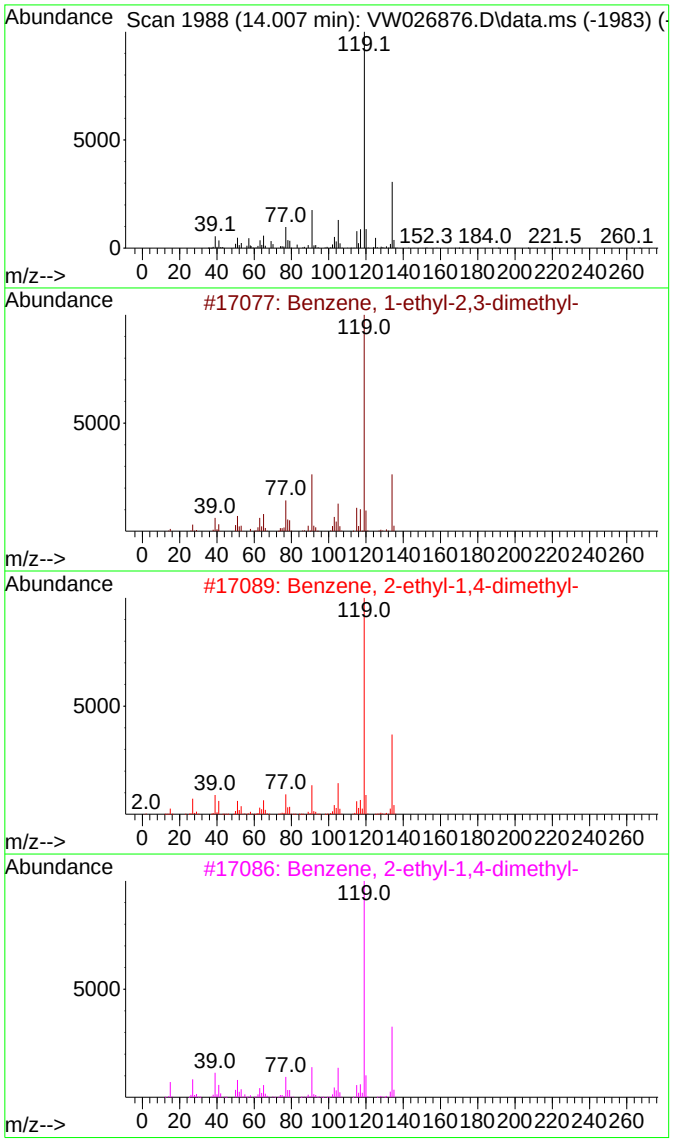
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

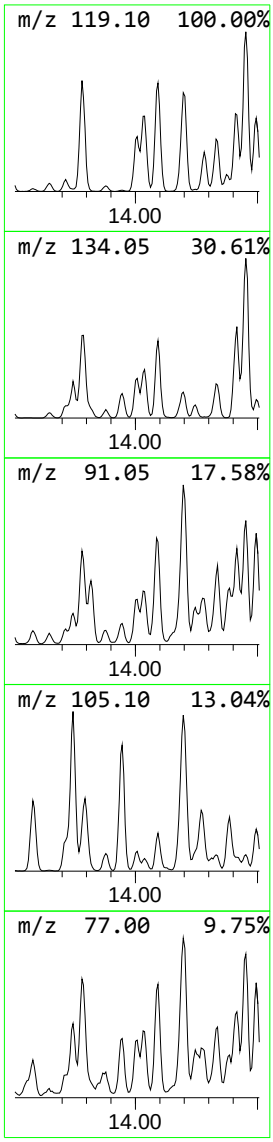
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	13.77 ug/L	709096	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

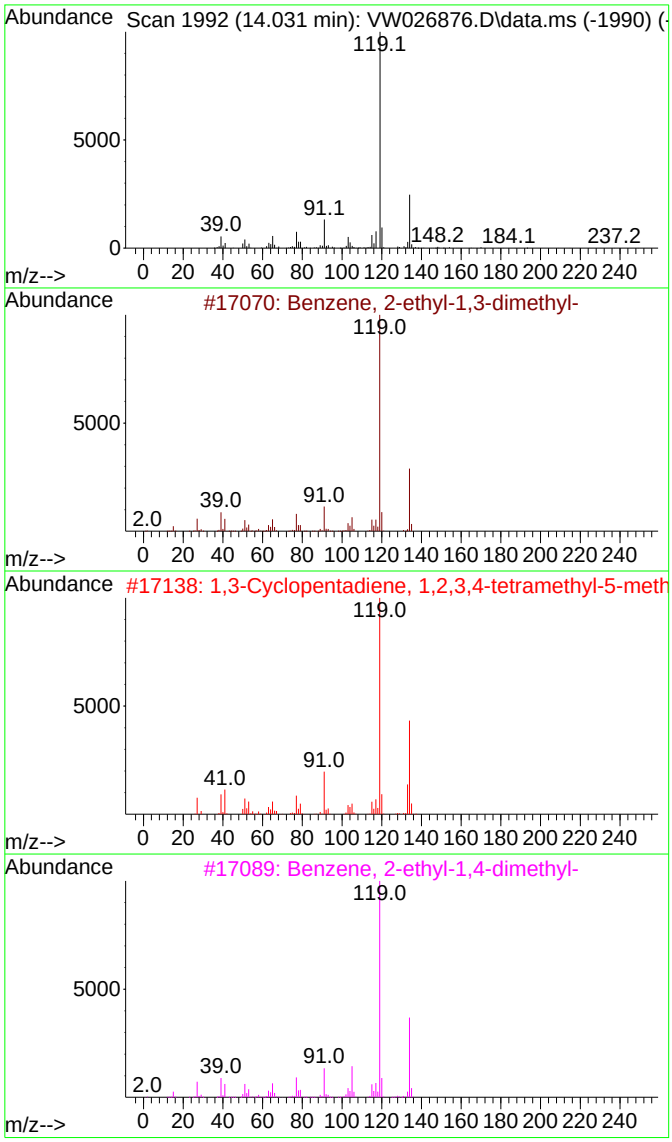
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

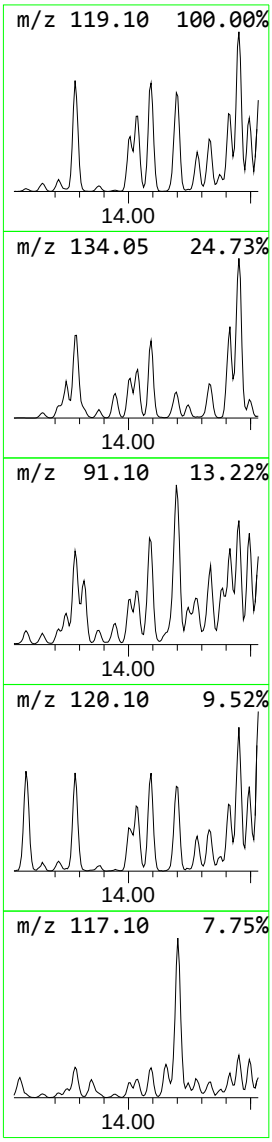
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.031	14.14 ug/L	728437	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

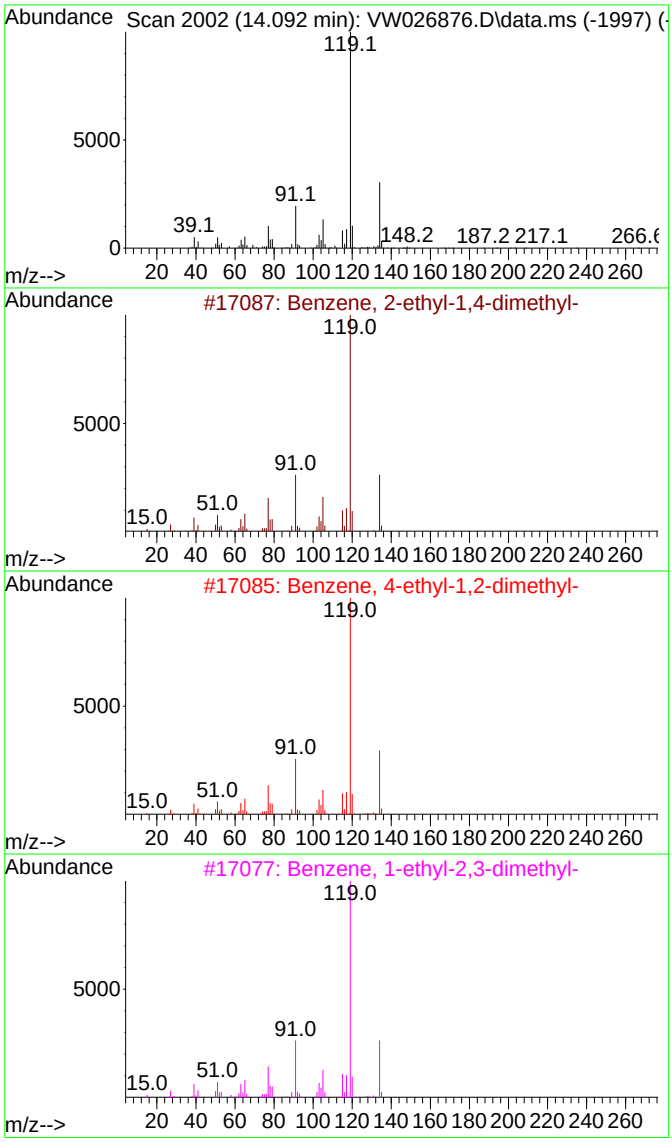
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

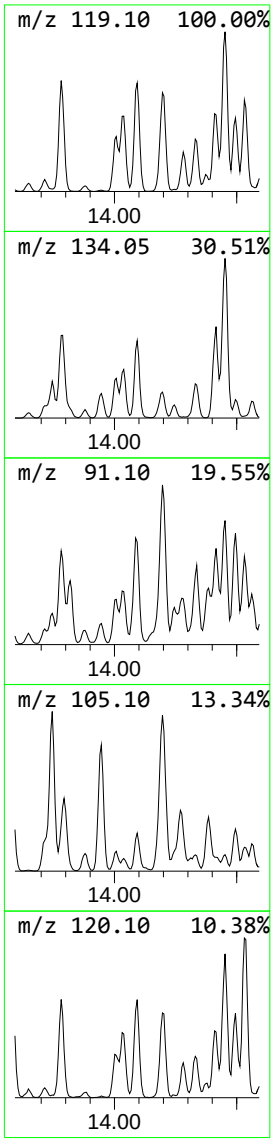
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	24.50 ug/L	1261930	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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

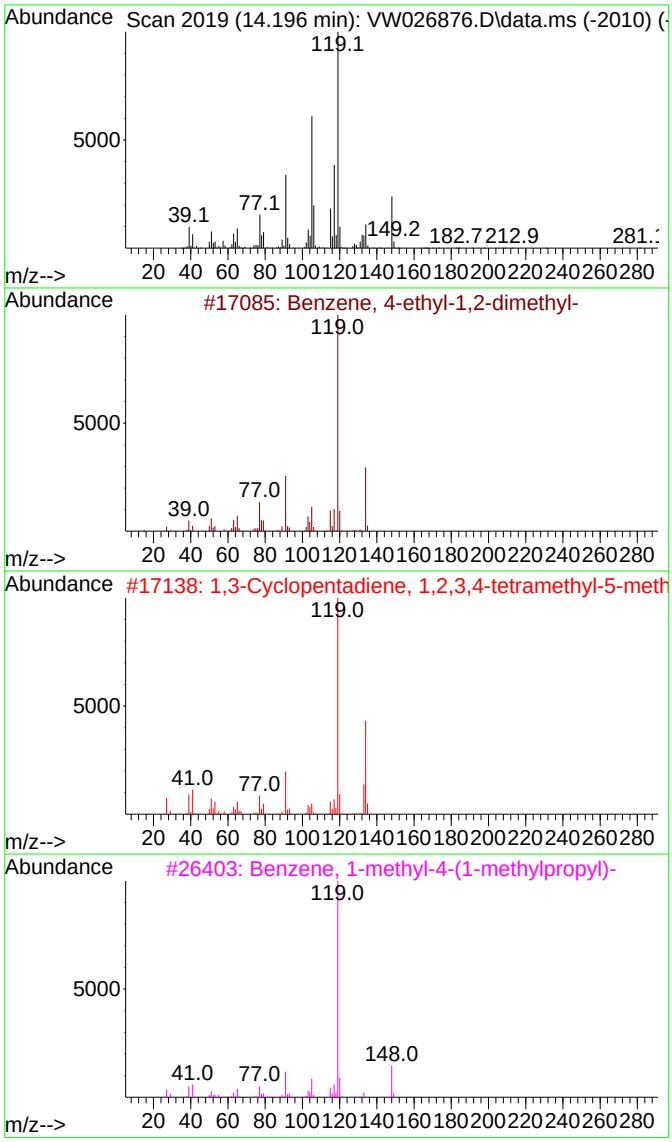
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

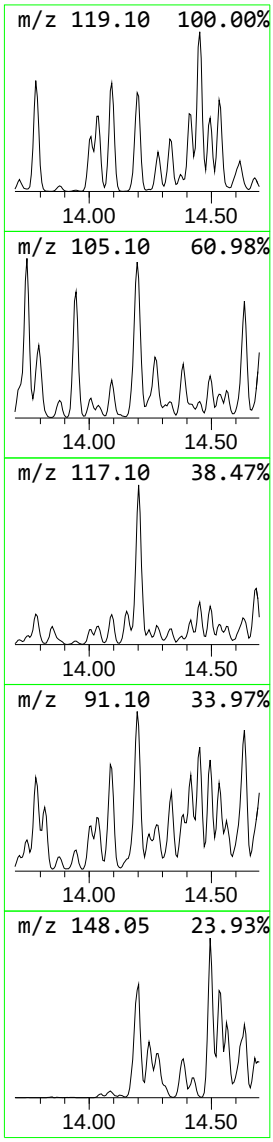
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,4-Cyclohexadiene, 3-ethen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.196	49.07 ug/L	2527530	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	53
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	53
4	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	52
5	p-Cymene	134	C10H14	000099-87-6	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

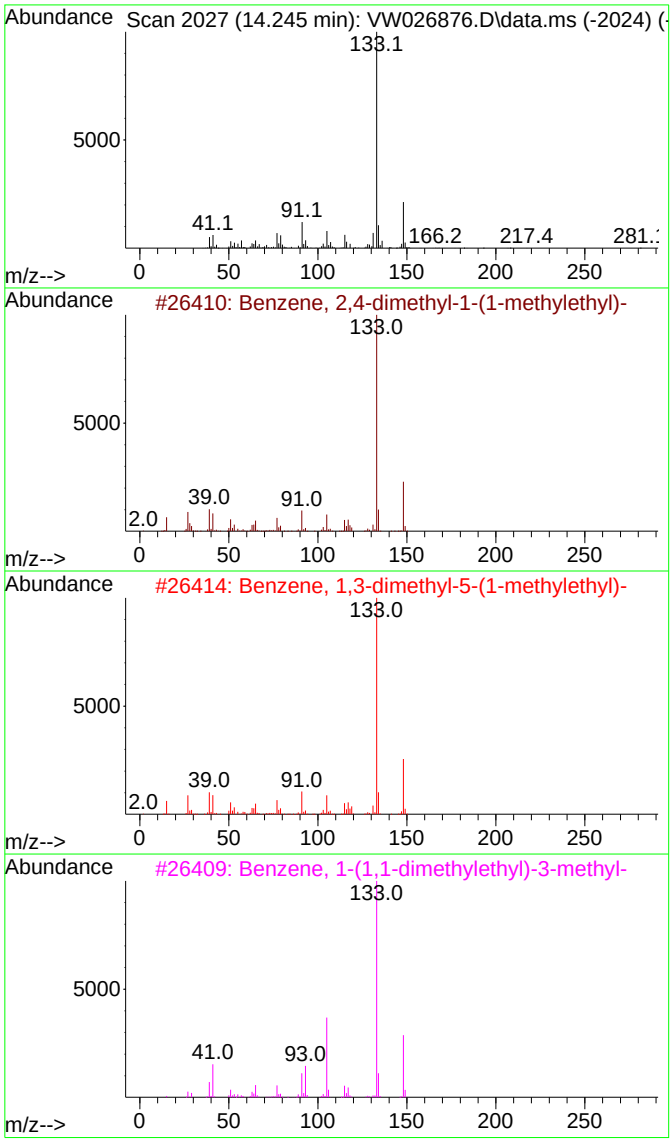
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

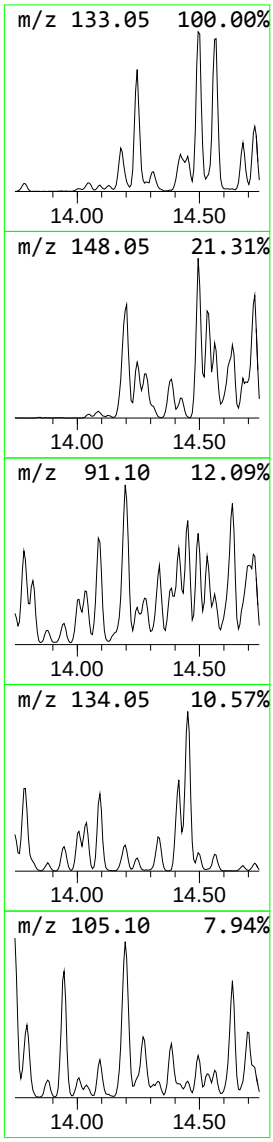
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.245	10.72 ug/L	552127	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
3	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	90
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	87
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

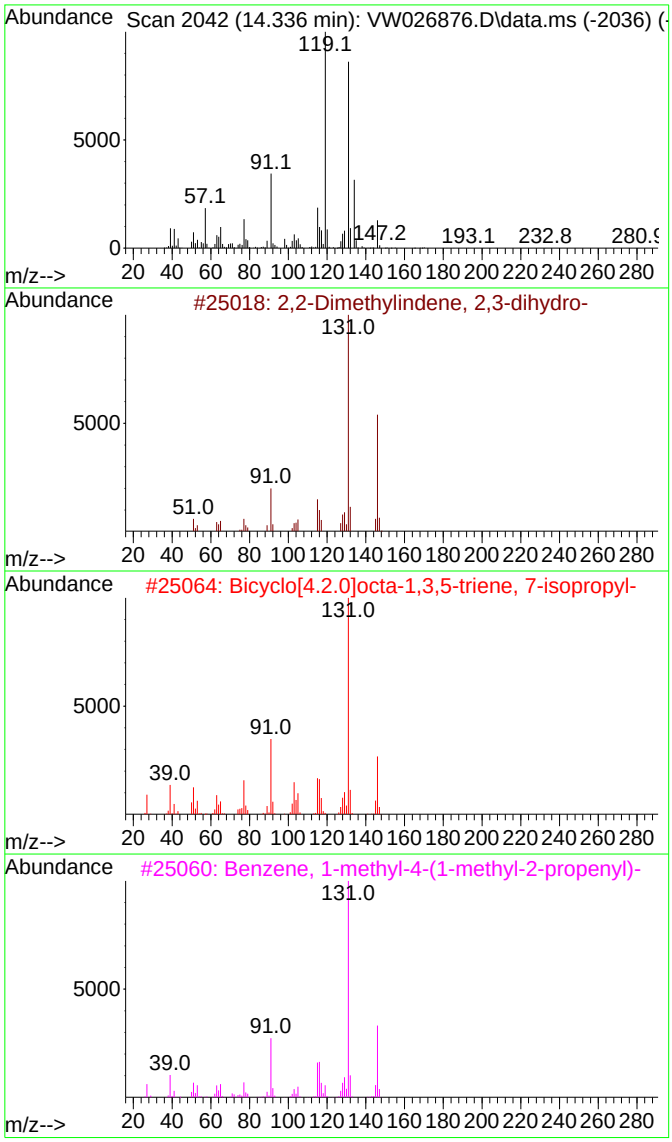
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

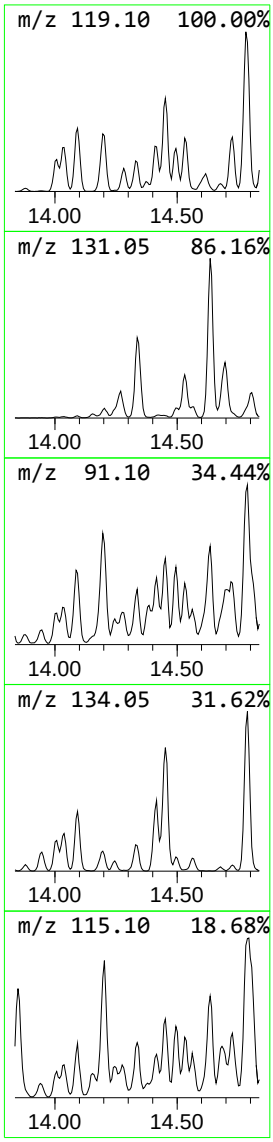
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 2,2-Dimethylindene, 2,3-dih... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.336	19.77 ug/L	1017980	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	50
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	50
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	50
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

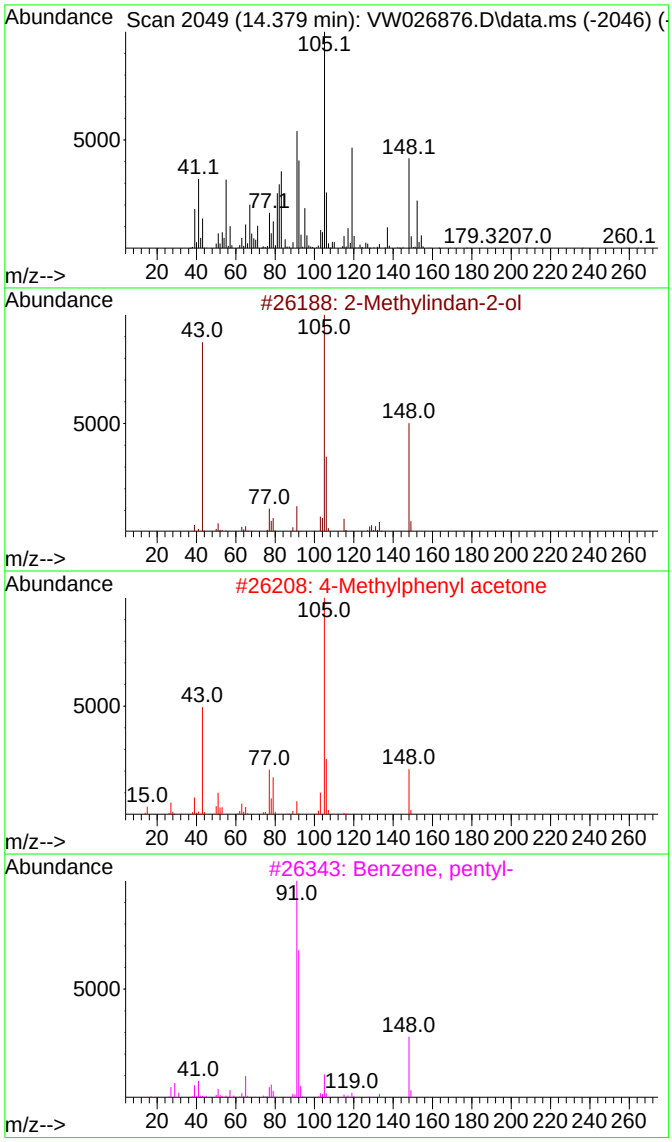
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

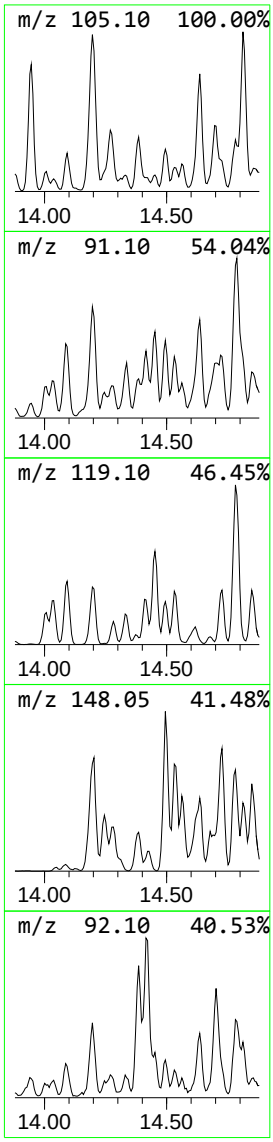
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	11.25 ug/L	579439	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindan-2-ol	148	C10H12O	033223-84-6	38
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
3	Benzene, pentyl-	148	C11H16	000538-68-1	30
4	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	25
5	Benzene, pentyl-	148	C11H16	000538-68-1	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

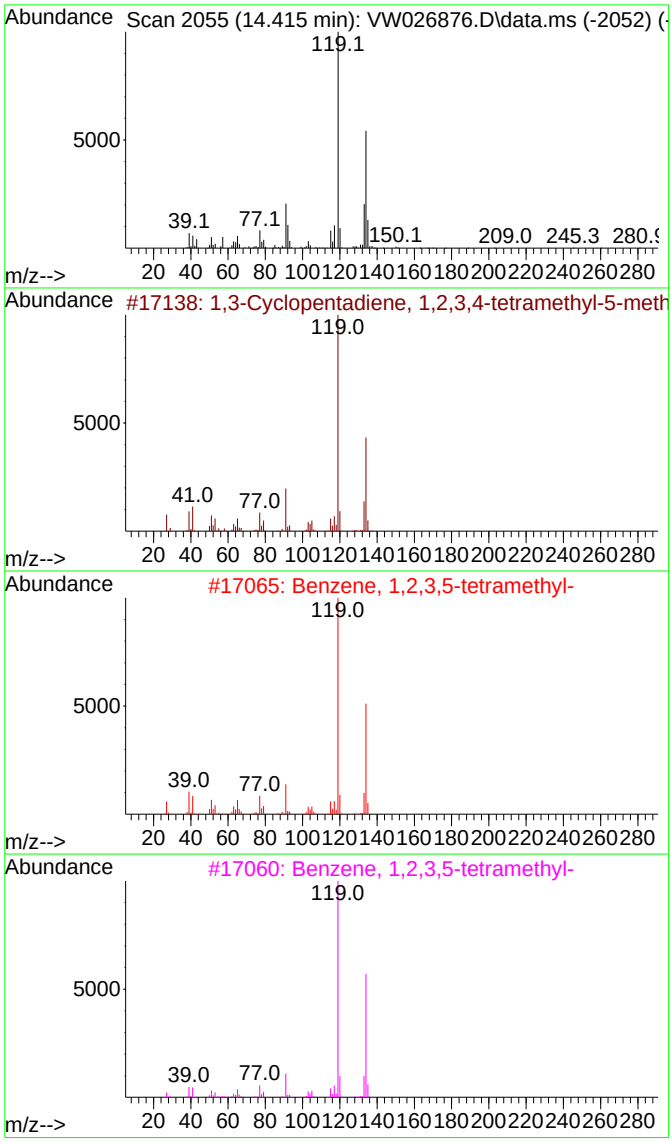
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

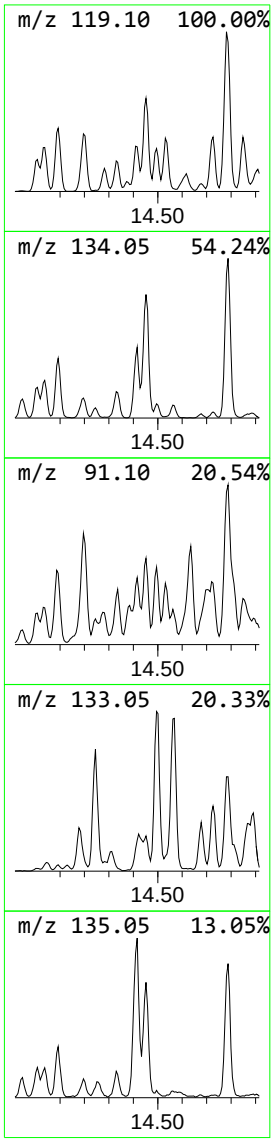
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.416	15.89 ug/L	818634	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	87
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	80
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	80
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	80
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

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

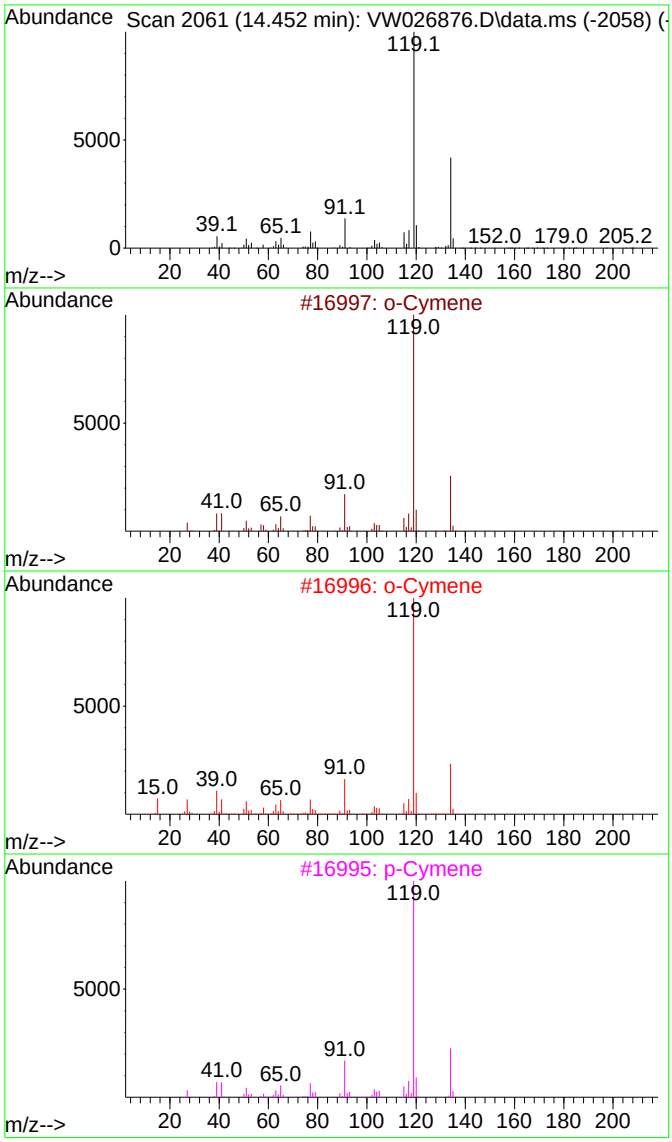
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

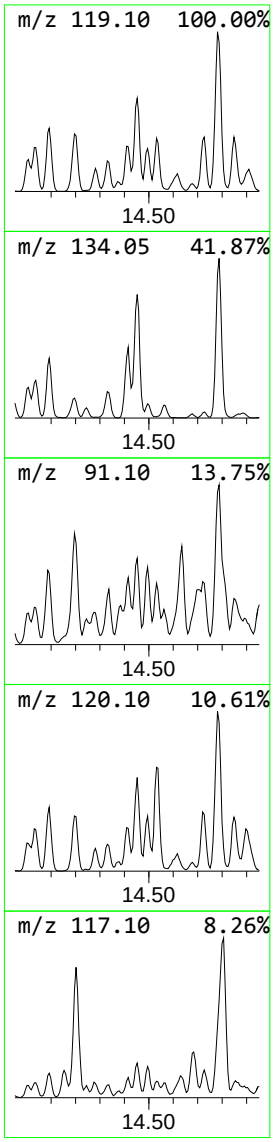
****

Peak Number 32 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	27.04 ug/L	1392750	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

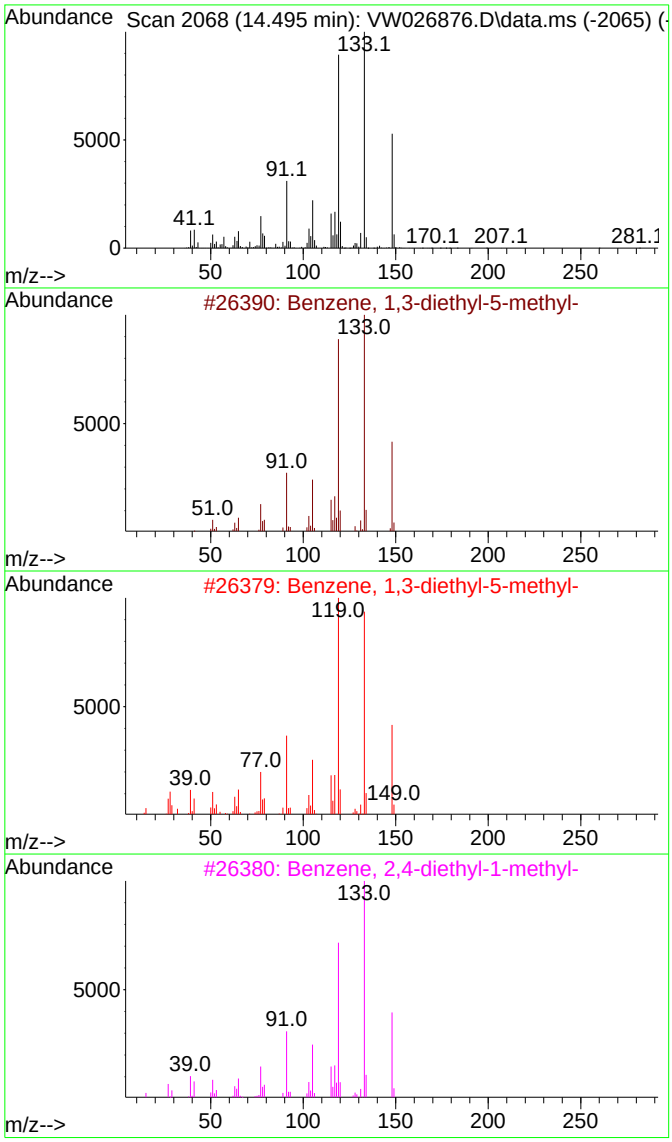
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

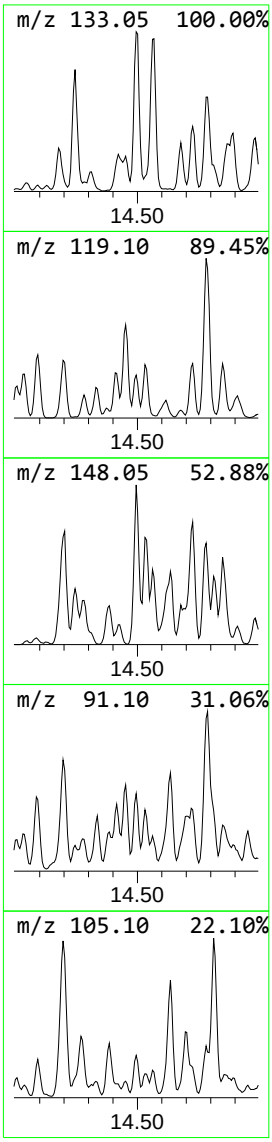
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	21.77 ug/L	1121470	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	94
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	94
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	86
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	64





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Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

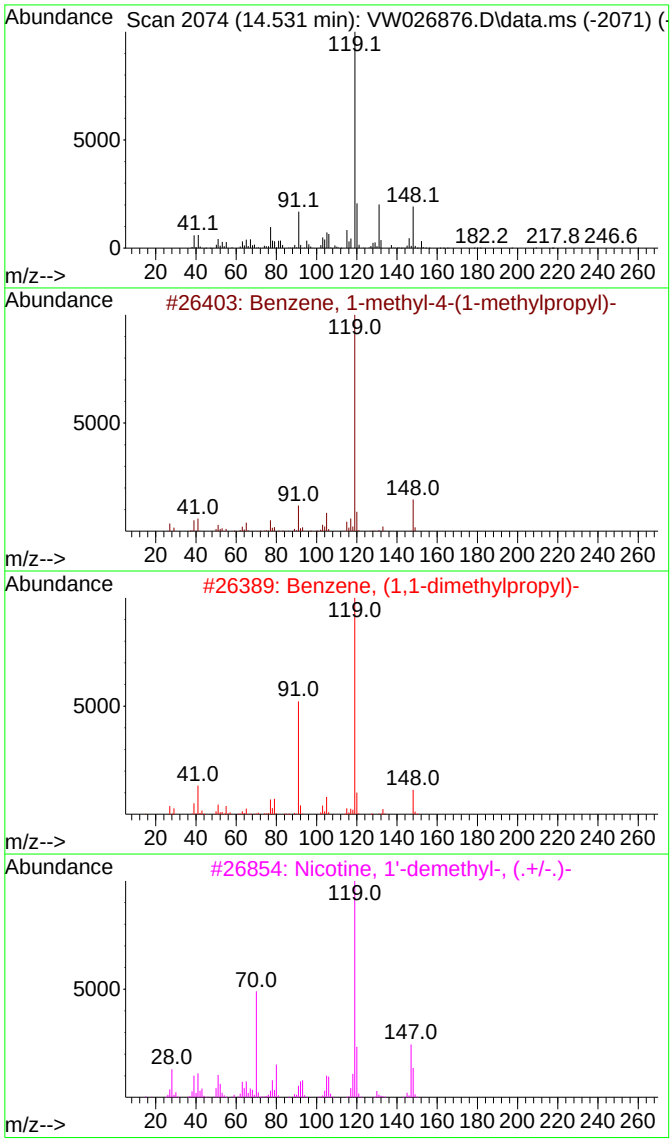
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

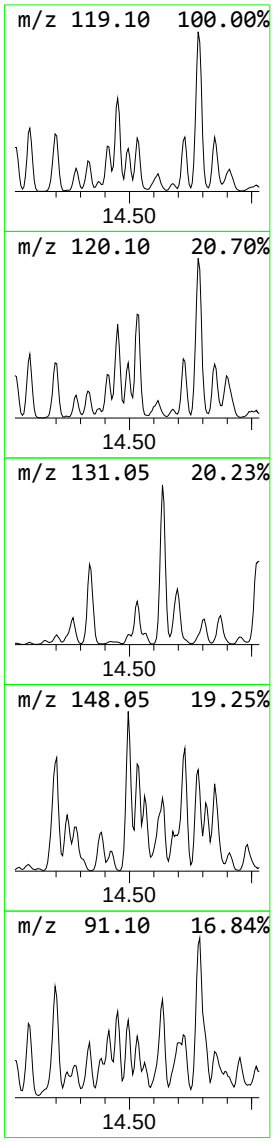
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-methyl-4-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.531	16.99 ug/L	874819	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	52
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
3	Nicotine, 1'-demethyl-, (.+/-.)-	148	C9H12N2	005746-86-1	50
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	47





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Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

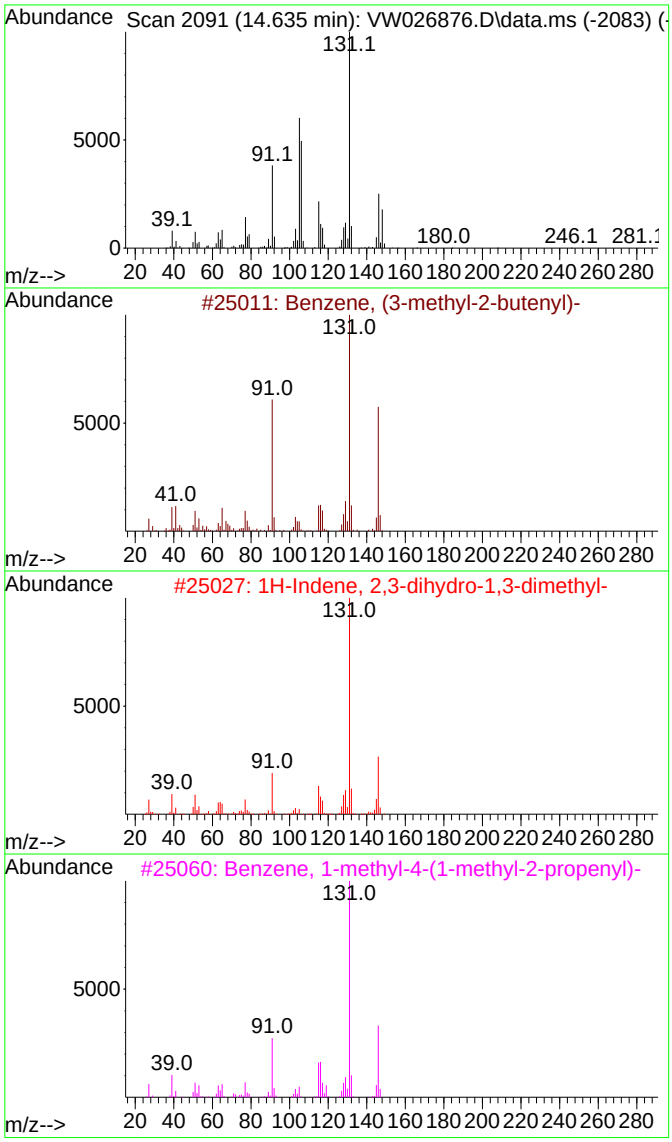
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

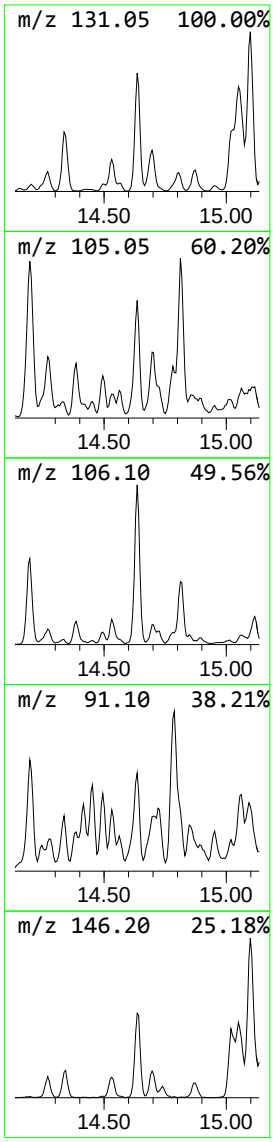
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, (3-methyl-2-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.635	33.84 ug/L	1743030	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	92
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	89
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70





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Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

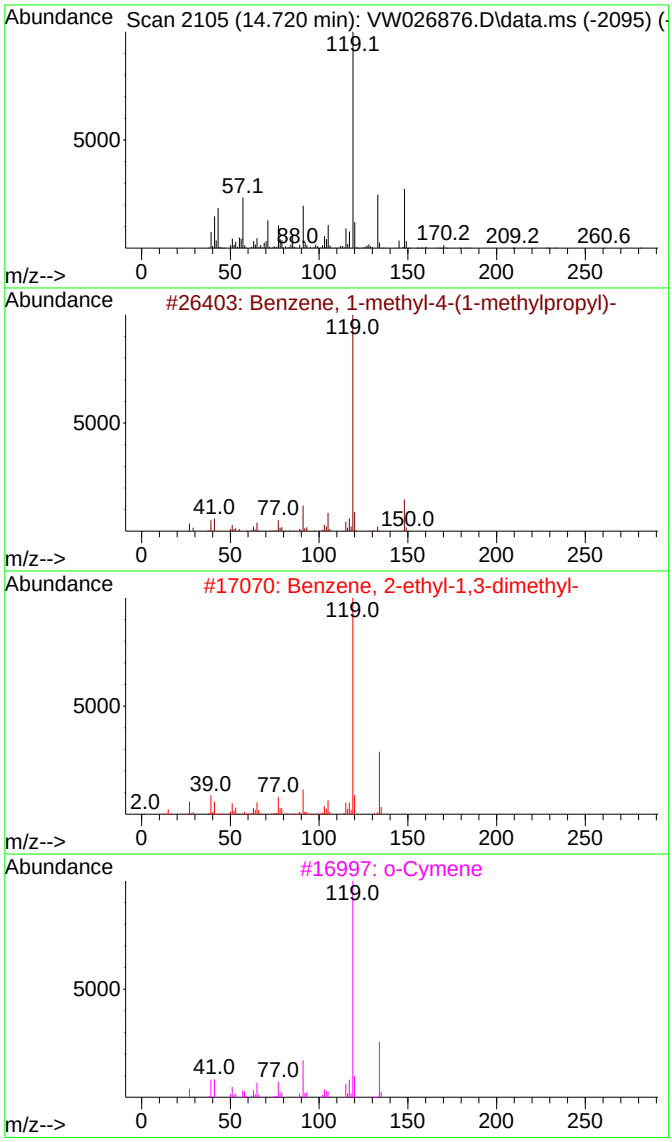
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

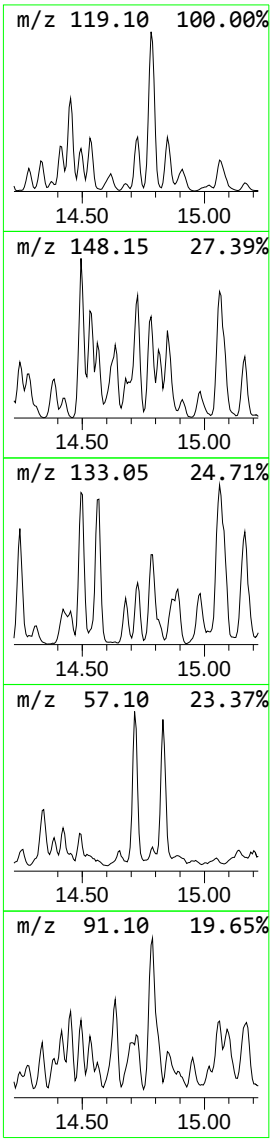
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzoic acid, 2,5-dimethyl-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.720	48.97 ug/L	2522010	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	87
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzoic acid, 2,5-dimethyl-, (2,...	268	C18H20O2	055000-48-1	64
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

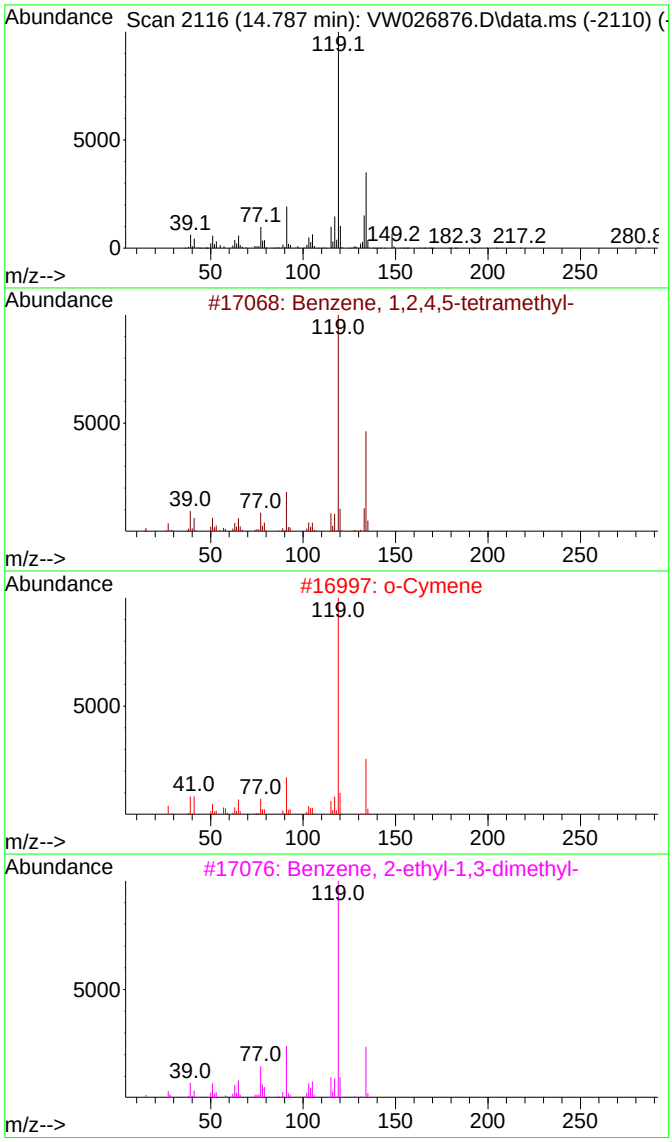
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

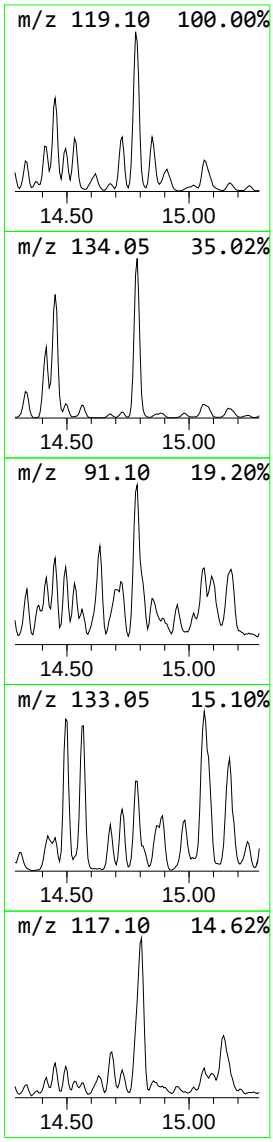
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	102.99 ug/L	5304490	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	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
5	o-Cymene	134	C10H14	000527-84-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

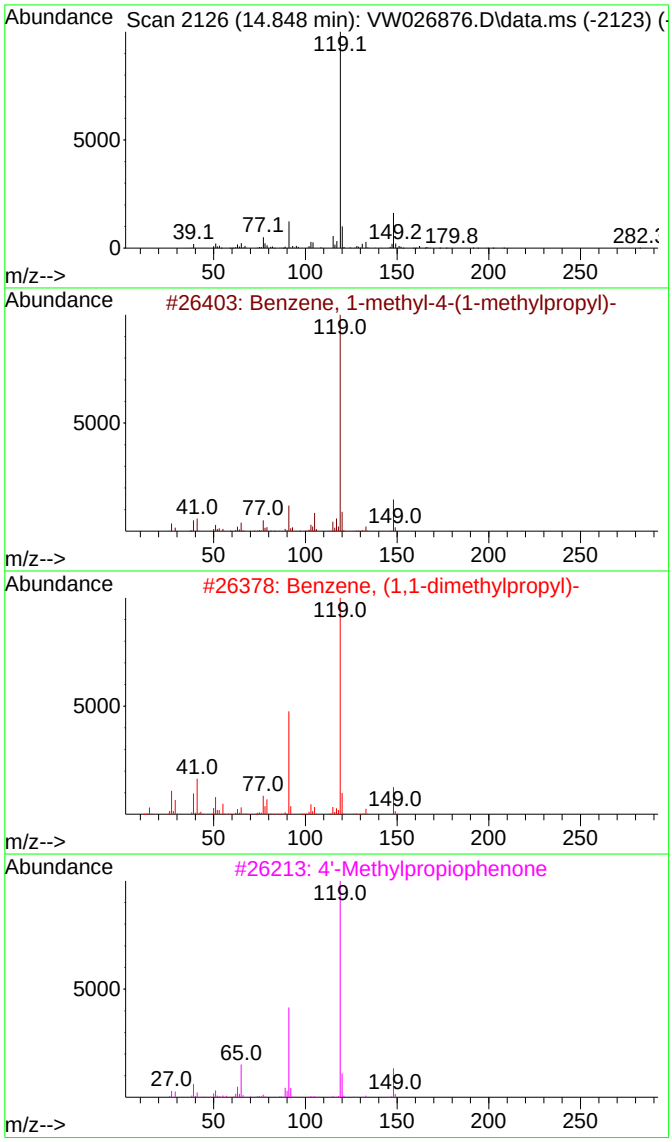
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

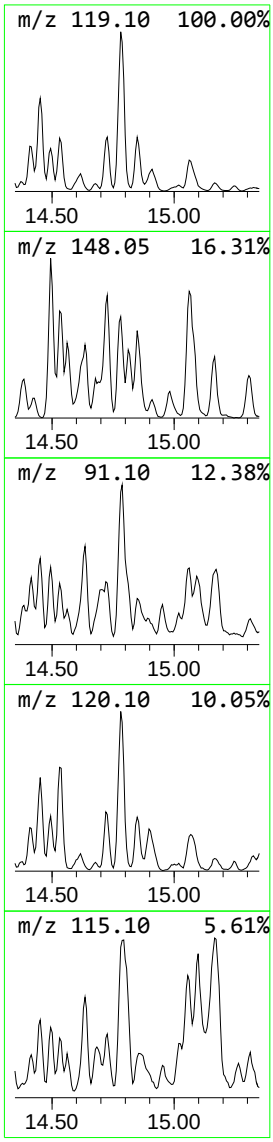
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, (1,1-dimethylpropyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	14.21 ug/L	732023	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	87
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	80
3	4'-Methylpropiophenone	148	C10H12O	005337-93-9	78
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

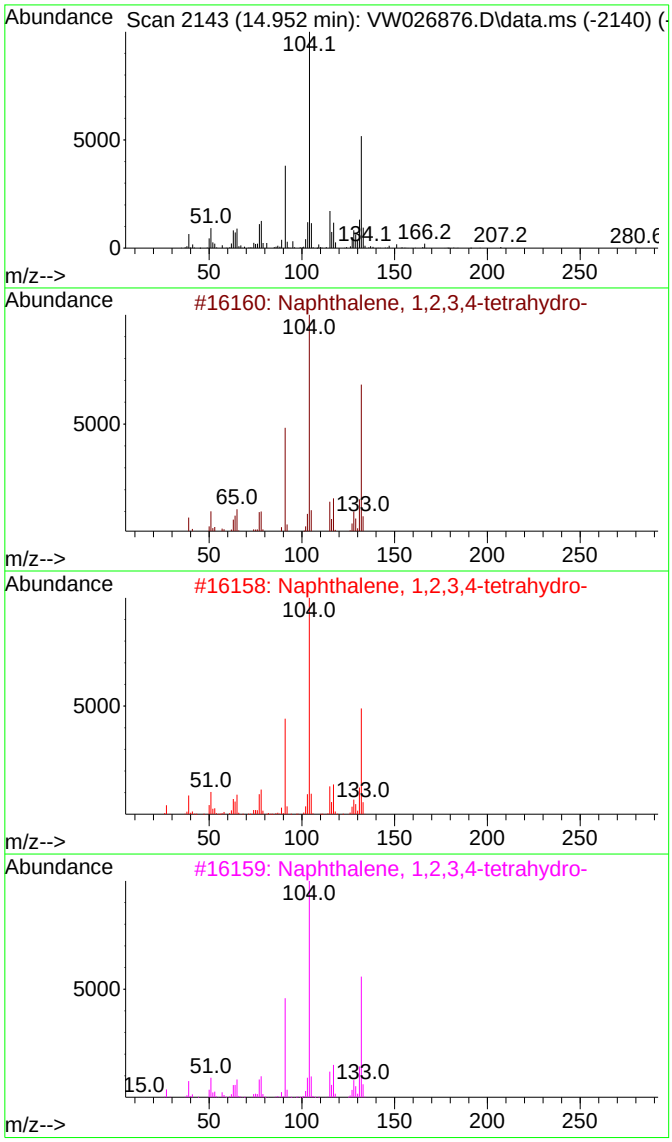
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

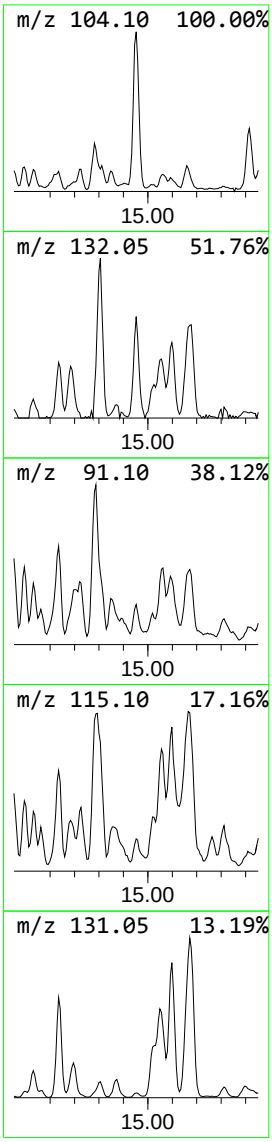
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	8.99 ug/L	463070	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

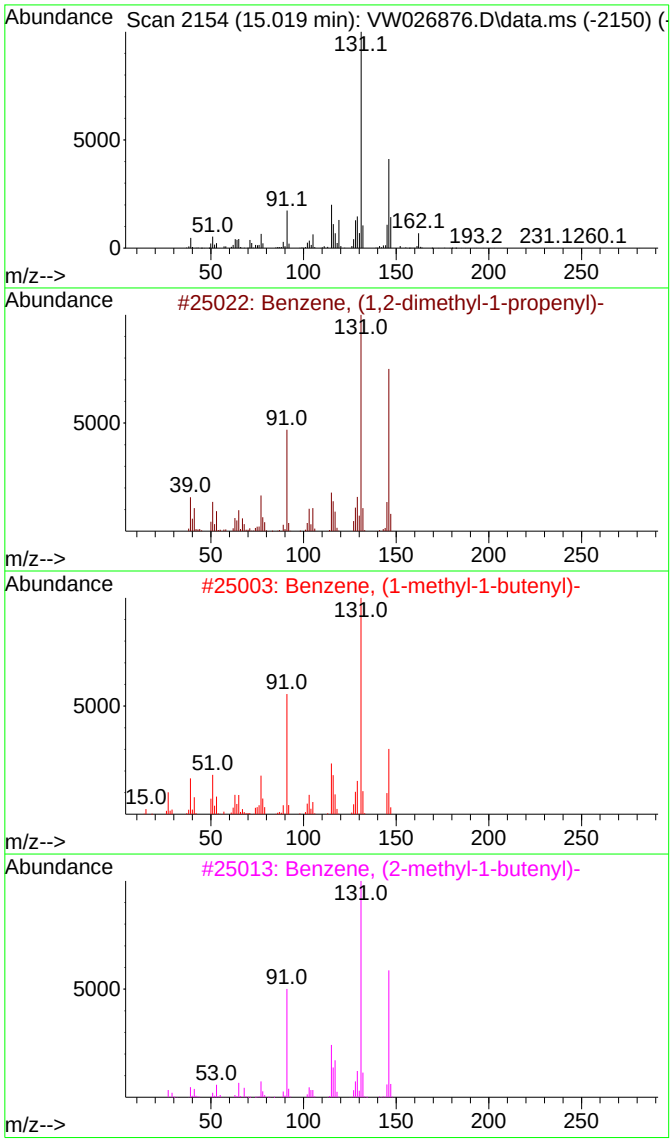
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

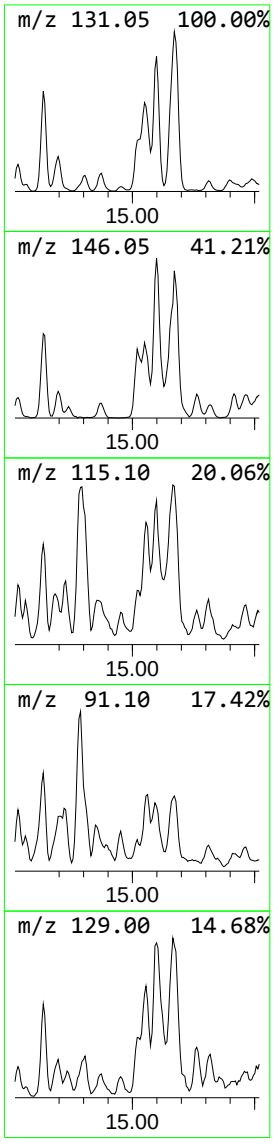
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.019	12.18 ug/L	627445	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90





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Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

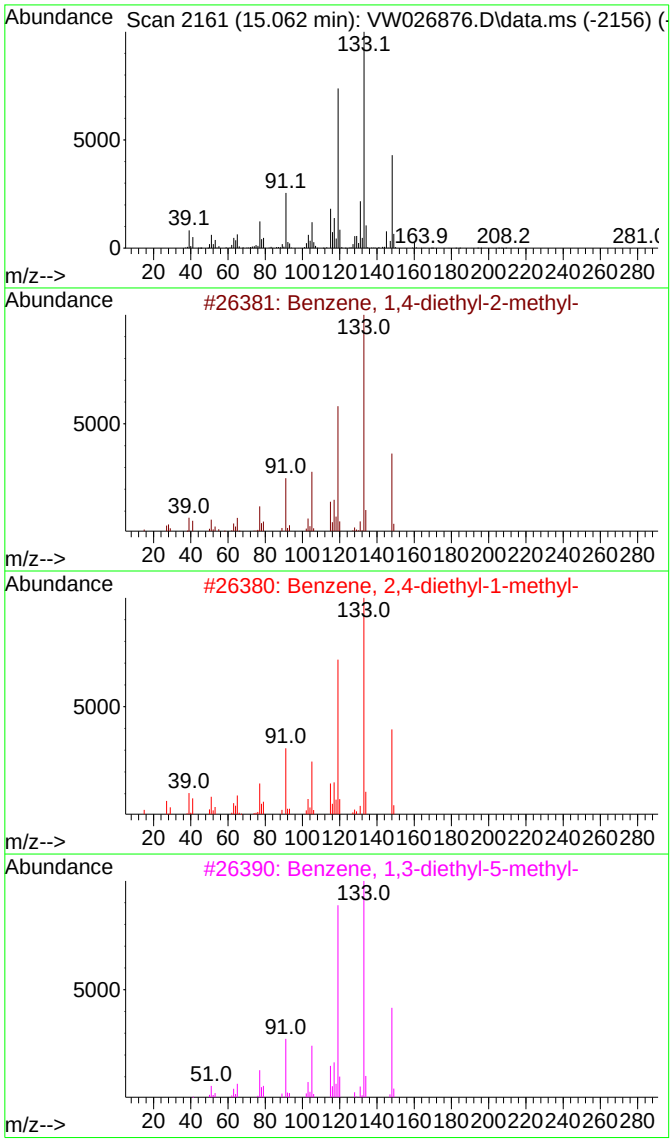
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

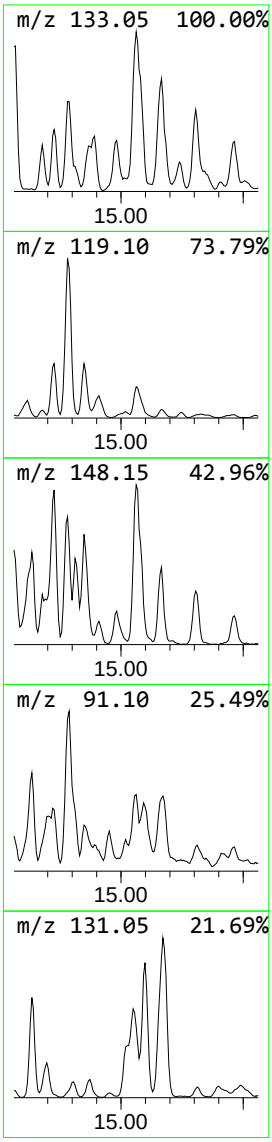
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.062	46.08 ug/L	2373280	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	93
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	91
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

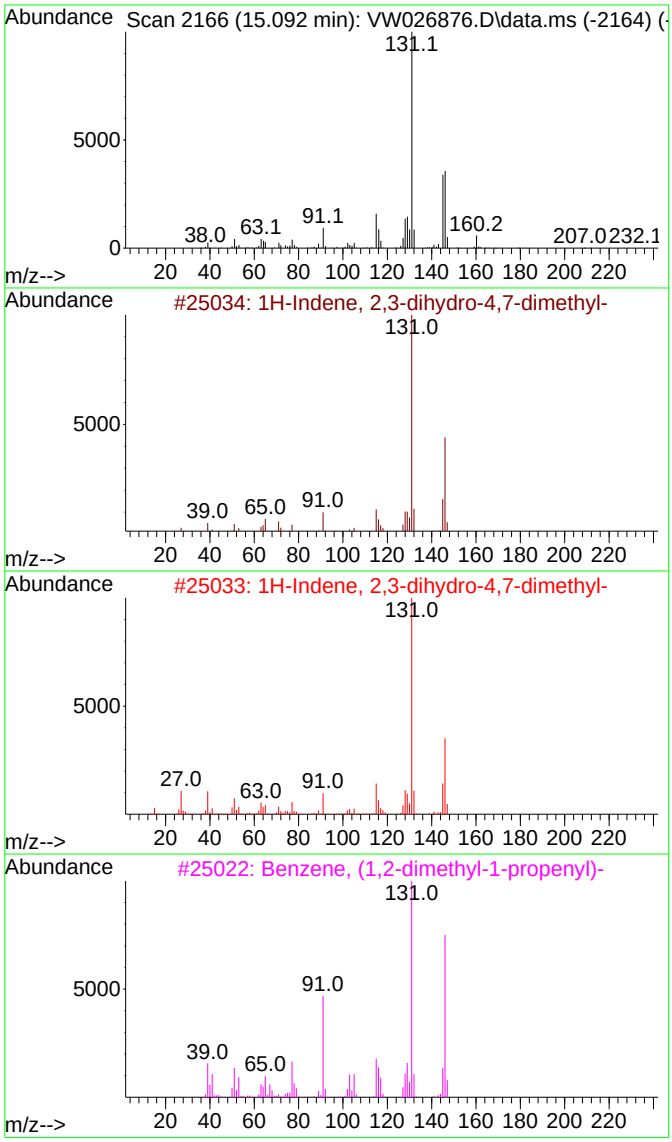
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

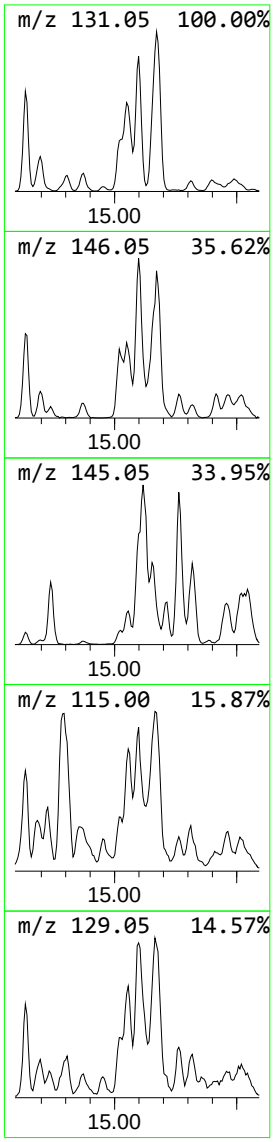
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	49.03 ug/L	2525330	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	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

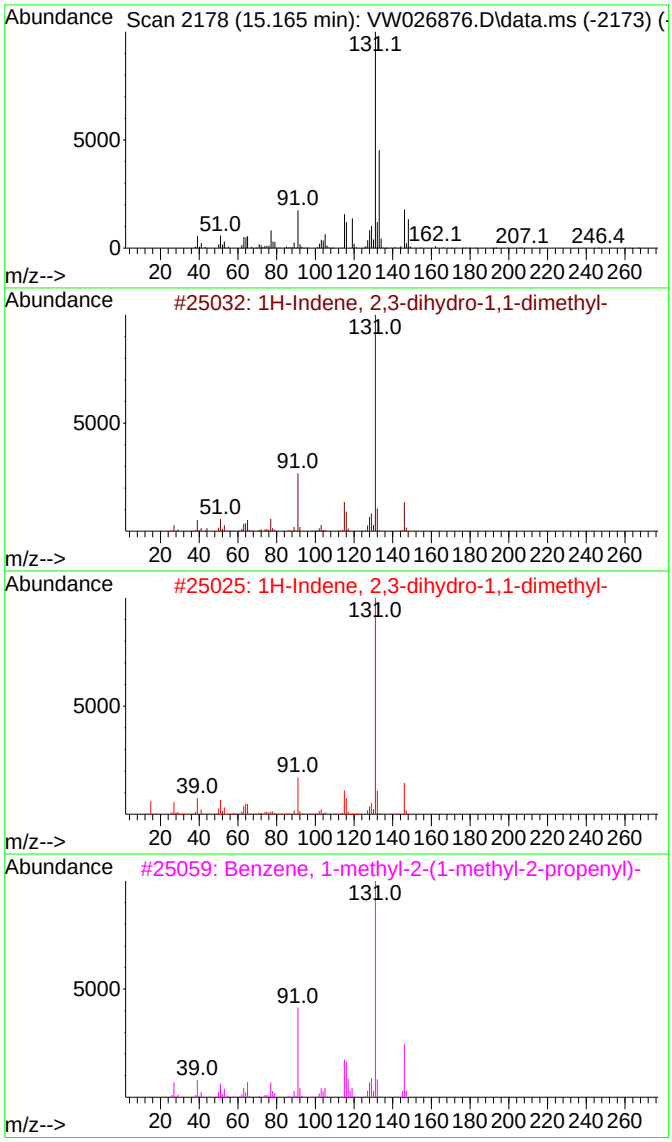
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

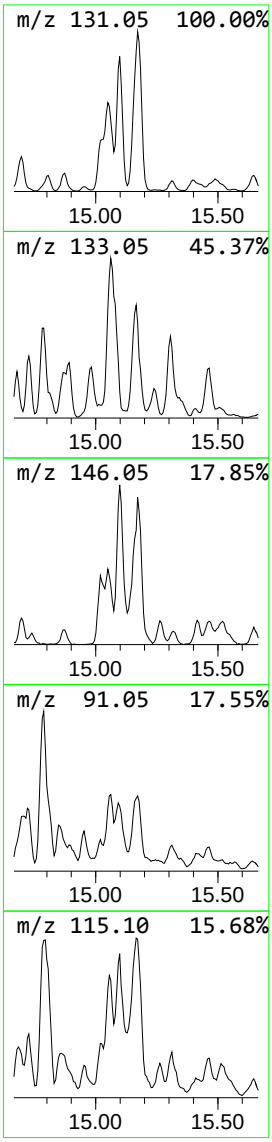
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.165	63.68 ug/L	3279640	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	92
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
3	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	64
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

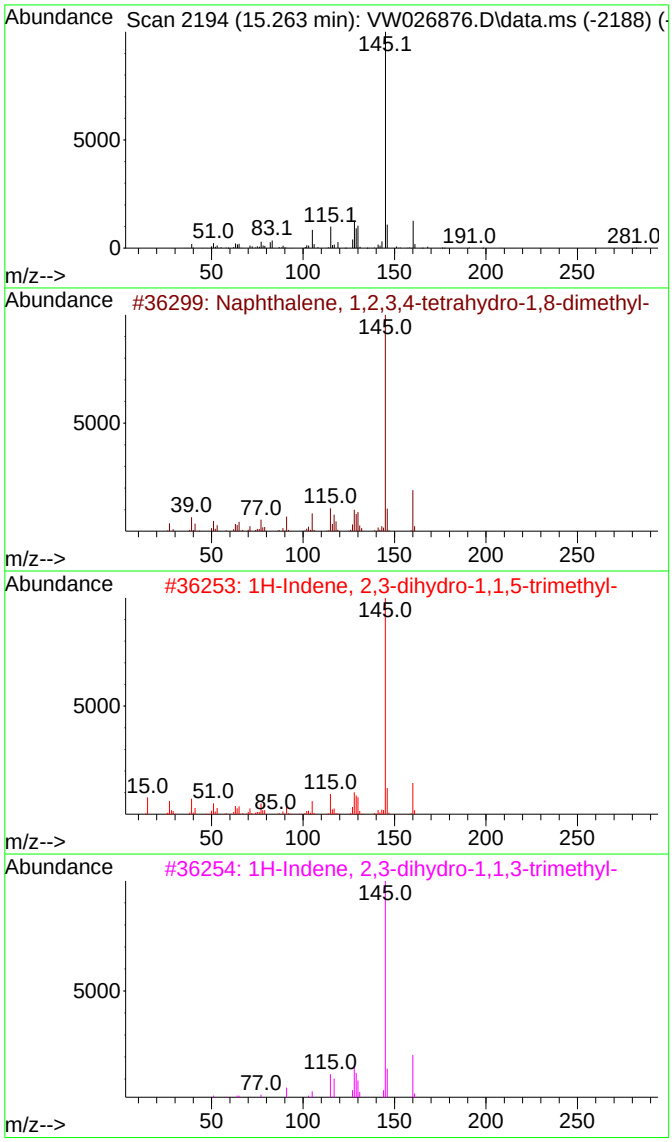
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

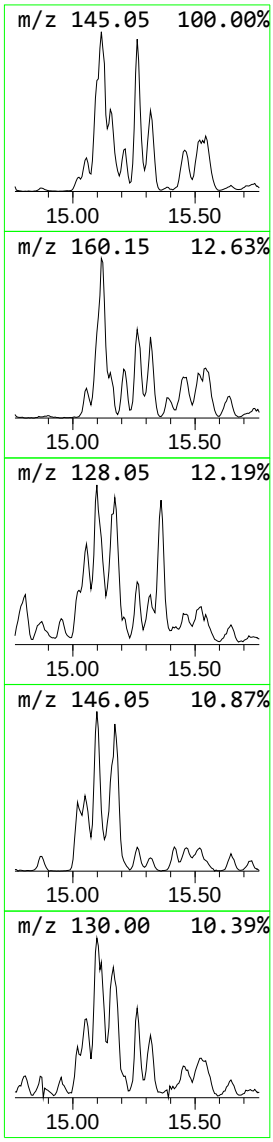
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.263	7.24 ug/L	372880	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	91
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	91
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	91
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

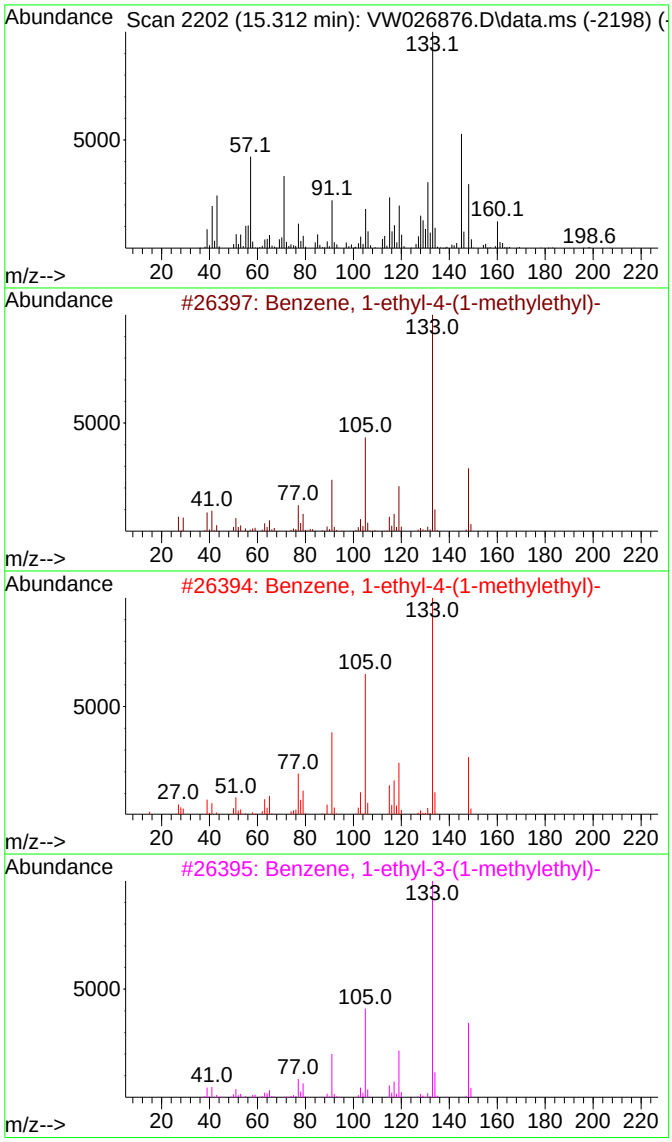
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

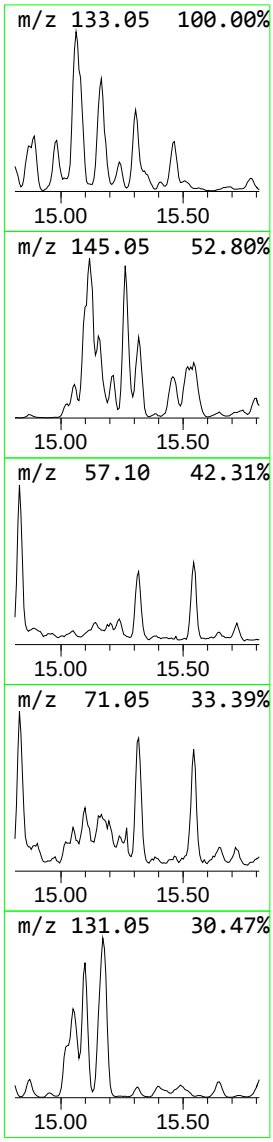
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.312	15.01 ug/L	773118	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	53
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

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

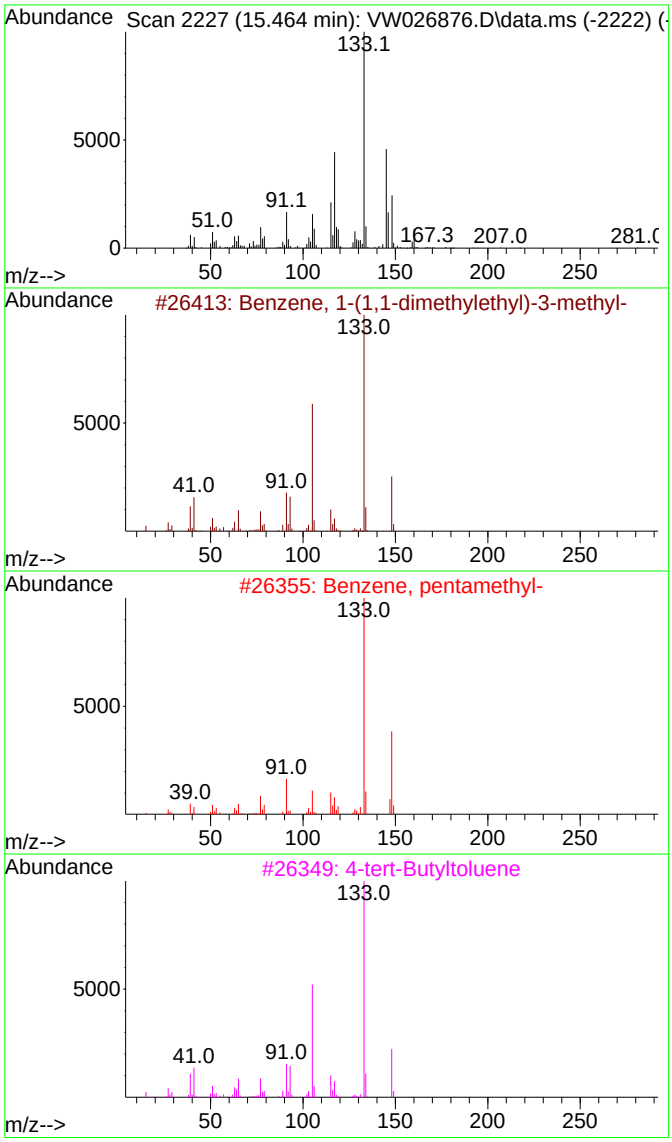
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

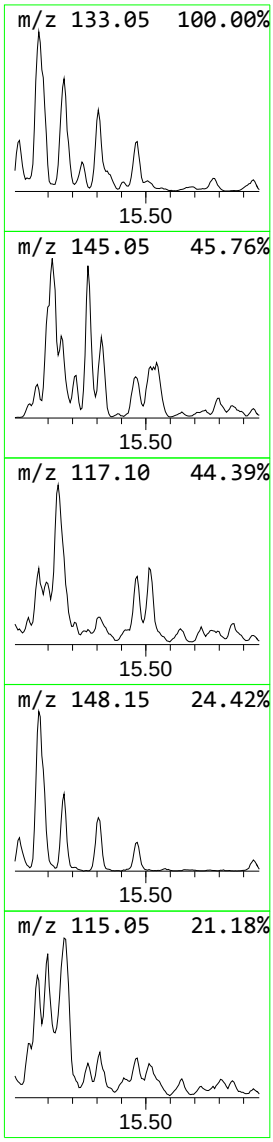
****

Peak Number 47 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.464	13.96 ug/L	718882	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	46
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	46
3	4-tert-Butyltoluene	148	C11H16	000098-51-1	45
4	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	43
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

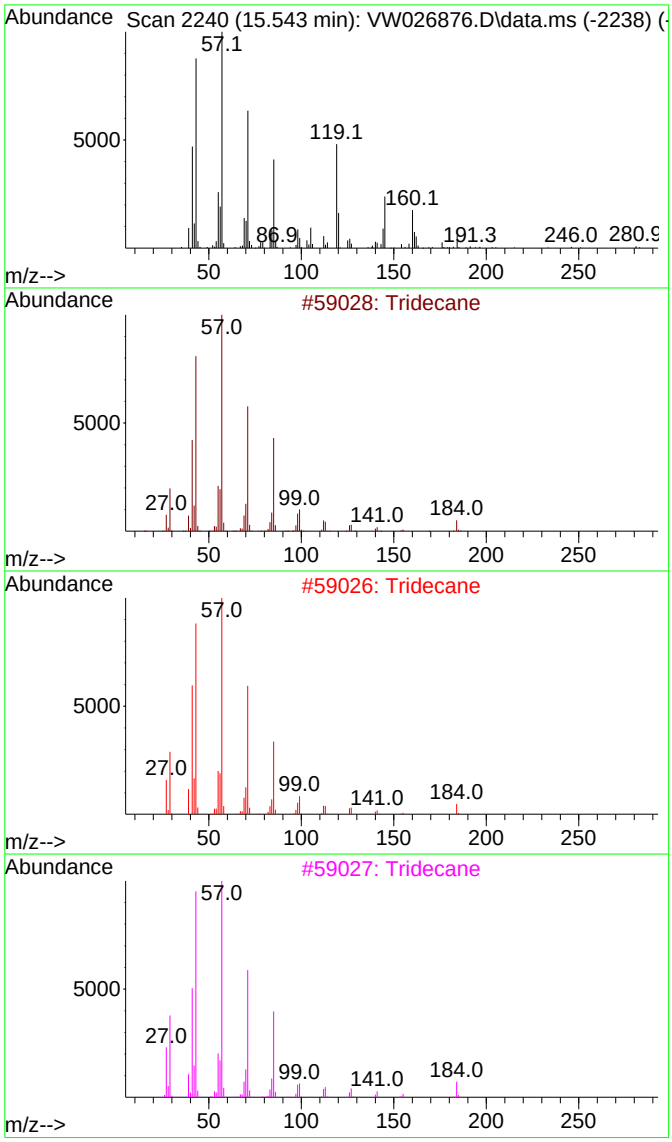
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

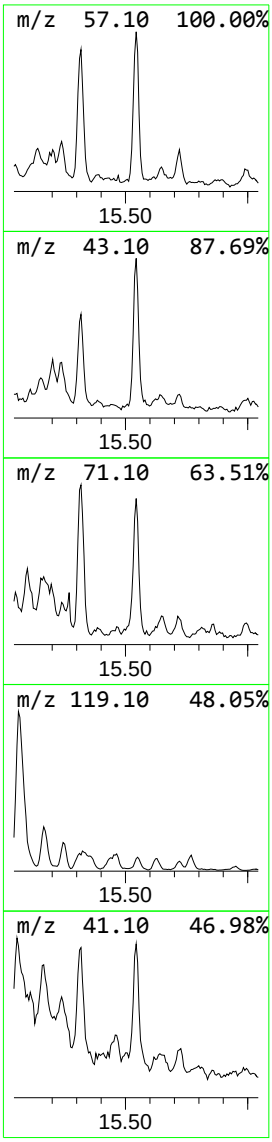
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	11.36 ug/L	585098	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tridecane	184	C13H28	000629-50-5	70
3	Tridecane	184	C13H28	000629-50-5	55
4	Hexadecane	226	C16H34	000544-76-3	46
5	Eicosane	282	C20H42	000112-95-8	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

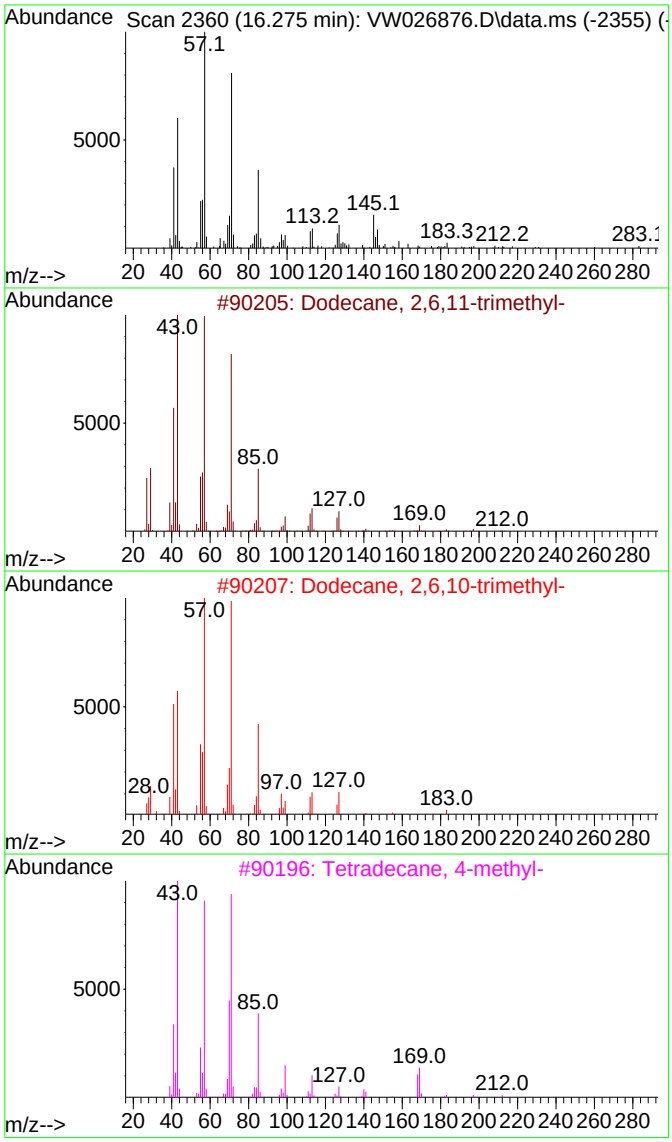
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

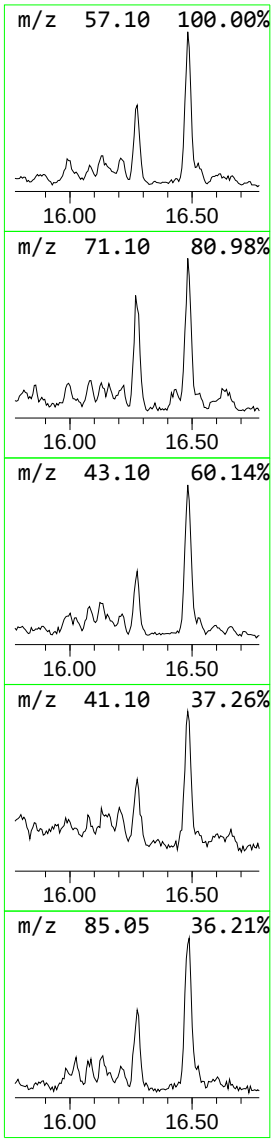
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	2.31 ug/L	118744	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

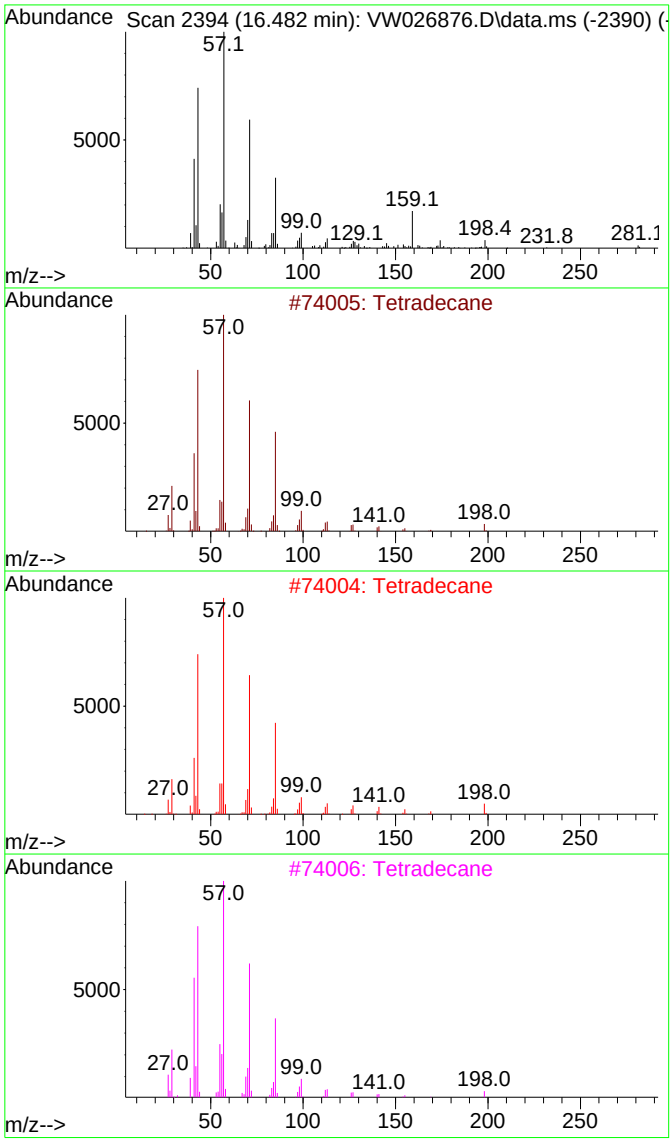
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

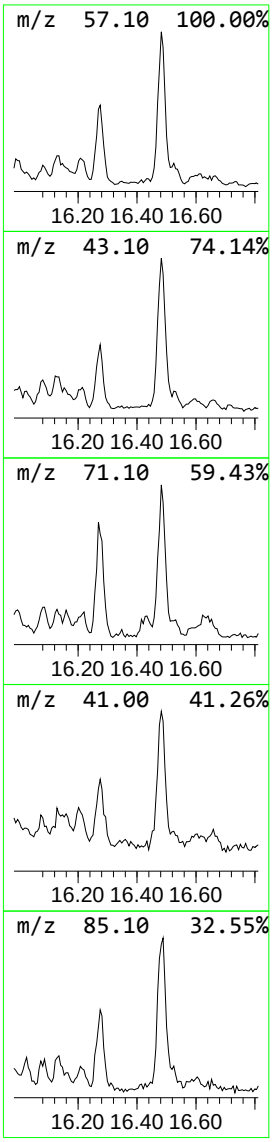
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	4.50 ug/L	231887	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Nonadecane	268	C19H40	000629-92-5	64
5	Pentadecane	212	C15H32	000629-62-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026876.D
Acq On : 25 Aug 2023 01:17
Operator : SY/MD
Sample : 04113-09
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH8

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...	3.027	1.7	ug/L	97946	1	8.843	1475340	25.0
(DEL) Alkane: S...	3.393	3.9	ug/L	231766	1	8.843	1475340	25.0
(DEL) Alkane: S...	5.435	2.2	ug/L	131505	1	8.843	1475340	25.0
(DEL) Alkane: S...	5.941	4.6	ug/L	273567	1	8.843	1475340	25.0
(DEL) Alkane: S...	8.039	1.3	ug/L	76790	1	8.843	1475340	25.0
(DEL) Alkane: S...	8.154	3.4	ug/L	199987	1	8.843	1475340	25.0
(DEL) Alkane: S...	8.691	3.5	ug/L	208614	1	8.843	1475340	25.0
(DEL) Alkane: S...	10.502	2.5	ug/L	137409	2	11.629	1401160	25.0
(DEL) Alkane: S...	11.410	2.0	ug/L	110779	2	11.629	1401160	25.0
(DEL) Alkane: S...	11.508	1.4	ug/L	75810	2	11.629	1401160	25.0
(DEL) Alkane: S...	12.361	4.1	ug/L	227298	2	11.629	1401160	25.0
(DEL) Alkane: C...	12.775	3.2	ug/L	166040	3	13.556	1287600	25.0
(DEL) Alkane: S...	13.160	4.2	ug/L	218490	3	13.556	1287600	25.0
Benzene, 1-meth...	13.379	4.5	ug/L	232394	3	13.556	1287600	25.0
p-Cymene	13.440	9.4	ug/L	485336	3	13.556	1287600	25.0
1,3,5-Cyclohept...	13.489	5.1	ug/L	264375	3	13.556	1287600	25.0
Benzene, 1,3-di...	13.714	4.6	ug/L	235588	3	13.556	1287600	25.0
Benzene, 1-meth...	13.745	11.4	ug/L	585105	3	13.556	1287600	25.0
Benzene, 4-ethy...	13.781	25.6	ug/L	1318000	3	13.556	1287600	25.0
Benzene, (1-met...	13.946	7.6	ug/L	389153	3	13.556	1287600	25.0
Benzene, 1-ethy...	14.007	13.8	ug/L	709096	3	13.556	1287600	25.0
Benzene, 2-ethy...	14.031	14.1	ug/L	728437	3	13.556	1287600	25.0
Benzene, 2-ethy...	14.092	24.5	ug/L	1261930	3	13.556	1287600	25.0
1,4-Cyclohexadi...	14.196	49.1	ug/L	2527530	3	13.556	1287600	25.0
Benzene, 2,4-di...	14.245	10.7	ug/L	552127	3	13.556	1287600	25.0
2,2-Dimethylind...	14.336	19.8	ug/L	1017980	3	13.556	1287600	25.0
unknown-01	14.379	11.3	ug/L	579439	3	13.556	1287600	25.0
1,3-Cyclopentad...	14.416	15.9	ug/L	818634	3	13.556	1287600	25.0
o-Cymene	14.452	27.0	ug/L	1392750	3	13.556	1287600	25.0
Benzene, 1,3-di...	14.495	21.8	ug/L	1121470	3	13.556	1287600	25.0
Benzene, 1-meth...	14.531	17.0	ug/L	874819	3	13.556	1287600	25.0
Benzene, (3-met...	14.635	33.8	ug/L	1743030	3	13.556	1287600	25.0
Benzoic acid, 2...	14.720	49.0	ug/L	2522010	3	13.556	1287600	25.0
Benzene, 1,2,4,...	14.787	103.0	ug/L	5304490	3	13.556	1287600	25.0
Benzene, (1,1-d...	14.848	14.2	ug/L	732023	3	13.556	1287600	25.0
Naphthalene, 1,...	14.952	9.0	ug/L	463070	3	13.556	1287600	25.0
Benzene, (1,2-d...	15.019	12.2	ug/L	627445	3	13.556	1287600	25.0
Benzene, 1,4-di...	15.062	46.1	ug/L	2373280	3	13.556	1287600	25.0
1H-Indene, 2,3-...	15.092	49.0	ug/L	2525330	3	13.556	1287600	25.0
1H-Indene, 2,3-...	15.165	63.7	ug/L	3279640	3	13.556	1287600	25.0
Naphthalene, 1,...	15.263	7.2	ug/L	372880	3	13.556	1287600	25.0
Benzene, 1-ethy...	15.312	15.0	ug/L	773118	3	13.556	1287600	25.0
unknown-02	15.464	14.0	ug/L	718882	3	13.556	1287600	25.0
(DEL) Alkane: S...	15.543	11.4	ug/L	585098	3	13.556	1287600	25.0
(DEL) Alkane: S...	16.275	2.3	ug/L	118744	3	13.556	1287600	25.0
(DEL) Alkane: S...	16.482	4.5	ug/L	231887	3	13.556	1287600	25.0