LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

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\SFAMWLM082622SMA.M
Title : SFAM01.0

Signal : TIC: VW024380.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.050	21	24	27	rBV5	1853	2018	0.00%	0.000%
2	2.276	45	61	62	rBV	100907	416220	0.09%	0.092%
3	2.343	68	72	78	rBV	142457	228004	0.05%	0.050%
4	3.526	262	266	268	rVB4	1895	2294	0.00%	0.001%
5	3.574	273	274	277	rVV3	1947	2447	0.00%	0.001%
6	3.605	277	279	286	rVB6	2504	3930	0.00%	0.001%
7	3.788	306	309	312	rBV5	1427	2276	0.00%	0.001%
8	4.013	336	346	356	rVV	72622	218326	0.05%	0.048%
9	4.202	375	377	381	rVB5	1804	2063	0.00%	0.000%
10	4.397	403	409	412	rBV7	1542	3444	0.00%	0.001%
11	4.916	484	494	504	rVV3	15536	56434	0.01%	0.012%
12	4.989	504	506	509	rVV4	1981	1838	0.00%	0.000%
13	5.044	513	515	517	rBV3	1459	1863	0.00%	0.000%
14	5.117	521	527	541	rVB4	7938	28924	0.01%	0.006%
15	5.281	551	554	555	rVV3	1485	1871	0.00%	0.000%
16	5.324	557	561	562	rVV4	1634	2037	0.00%	0.000%
17	5.732	626	628	632	rVB5	1979	2039	0.00%	0.000%
18	5.928	655	660	664	rBV8	3617	7831	0.00%	0.002%
19	6.056	676	681	684	rBV7	1378	2150	0.00%	0.000%
20	6.324	720	725	727	rBV6	1675	2703	0.00%	0.001%
21	6.671	779	782	785	rBV4	2246	2570	0.00%	0.001%
22	6.903	816	820	823	rBV6	1697	2695	0.00%	0.001%
23	7.080	841	849	855	rBV	20186	58171	0.01%	0.013%
24	7.147	856	860	874	rVV3	23212	72193	0.02%	0.016%
25	7.257	876	878	880	rVV3	1714	1911	0.00%	0.000%
26	7.647	932	942	954	rVV2	112870	281234	0.06%	0.062%
27	8.275	1033	1045	1058	rBV2	211746	666048	0.15%	0.147%
28	8.689	1111	1113	1116	rVV4	2021	2091	0.00%	0.000%
29	8.726	1116	1119	1124	rVB6	1716	2306	0.00%	0.001%
30	8.842	1129	1138	1150	rVV	299188	585150	0.13%	0.129%
31	9.043	1169	1171	1172	rVV2	2533	1929	0.00%	0.000%
32	9.092	1172	1179	1185	rVB2	33919	71176	0.02%	0.016%
33	9.274	1200	1209	1217	rBV	150931	311137	0.07%	0.069%
34	9.518	1246	1249	1252	rVB5	2282	2925	0.00%	0.001%
35	9.573	1254	1258	1261	rVV6	1481	2391	0.00%	0.001%
36	9.689	1273	1277	1282	rBV8	1315	2211	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
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Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBVS4

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\SFAMWLM082622SMA.M
Title : SFAM01.0

37	9.744	1284	1286	1289	rBV4	1586	1924	0.00%	0.000%
38	9.799	1291	1295	1297	rBV5	1434	2337	0.00%	0.001%
39	9.909	1311	1313	1316	rBV4	2014	2097	0.00%	0.000%
40	9.957	1317	1321	1325	rBV6	4105	6508	0.00%	0.001%
41	10.037	1328	1334	1340	rVB	67745	121331	0.03%	0.027%
42	10.323	1374	1381	1387	rBV	316162	575776	0.13%	0.127%
43	10.390	1387	1392	1400	rVB	67141	131189	0.03%	0.029%
44	10.518	1407	1413	1418	rBV5	13789	34388	0.01%	0.008%
45	10.579	1418	1423	1430	rVB	45254	80479	0.02%	0.018%
46	10.677	1434	1439	1443	rBV8	6208	12035	0.00%	0.003%
47	10.872	1461	1471	1480	rBV7	102144077	441035413	100.00%	97.452%
48	11.189	1520	1523	1527	rVB3	20088	29671	0.01%	0.007%
49	11.414	1555	1560	1570	rVB3	67870	172007	0.04%	0.038%
50	11.512	1571	1576	1581	rBV3	60879	105192	0.02%	0.023%
51	11.634	1590	1596	1604	rBV	381576	639569	0.15%	0.141%
52	11.731	1607	1612	1616	rBV	38106	62325	0.01%	0.014%
53	11.841	1621	1630	1633	rBV2	187891	340852	0.08%	0.075%
54	12.140	1672	1679	1681	rBV2	83063	160776	0.04%	0.036%
55	12.250	1694	1697	1702	rVB	55532	77518	0.02%	0.017%
56	12.304	1702	1706	1707	rBV3	27230	38446	0.01%	0.008%
57	12.341	1708	1712	1714	rBV2	37718	60596	0.01%	0.013%
58	12.463	1726	1732	1739	rBV	506458	788746	0.18%	0.174%
59	12.615	1753	1757	1759	rBV4	14956	23183	0.01%	0.005%
60	12.646	1759	1762	1765	rVV	56462	75708	0.02%	0.017%
61	12.695	1765	1770	1775	rVV	135930	231115	0.05%	0.051%
62	12.798	1779	1787	1792	rVV2	72993	178757	0.04%	0.039%
63	12.865	1792	1798	1801	rVV	211424	348663	0.08%	0.077%
64	12.896	1801	1803	1805	rVV	95758	131784	0.03%	0.029%
65	12.932	1805	1809	1815	rVV3	338929	679174	0.15%	0.150%
66	12.987	1816	1818	1824	rVB3	33946	46222	0.01%	0.010%
67	13.109	1829	1838	1843	rBV4	88075	222743	0.05%	0.049%
68	13.164	1843	1847	1850	rBV3	28772	38725	0.01%	0.009%
69	13.249	1856	1861	1866	rVB	392441	572013	0.13%	0.126%
70	13.438	1887	1892	1897	rBV2	83913	148371	0.03%	0.033%
71	13.487	1897	1900	1906	rVV4	32390	60339	0.01%	0.013%
72	13.554	1906	1911	1920	rVV3	547149	989922	0.22%	0.219%
73	13.621	1920	1922	1925	rVB3	13005	11571	0.00%	0.003%
74	13.743	1939	1942	1946	rBV	55821	71714	0.02%	0.016%
75	13.786	1946	1949	1954	rVV2	57435	85541	0.02%	0.019%
76	13.853	1954	1960	1969	rVB	315976	648638	0.15%	0.143%

LSC Area Percent Report

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Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

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\SFAMWLM082622SMA.M
Title : SFAM01.0

77	13.944	1971	1975	1981	rVB	36708	51142	0.01%	0.011%
78	14.005	1981	1985	1987	rBV2	28500	39789	0.01%	0.009%
79	14.091	1995	1999	2004	rVB	60407	91694	0.02%	0.020%
80	14.200	2012	2017	2022	rVB2	38670	64927	0.01%	0.014%
81	14.249	2022	2025	2026	rBV3	7580	8237	0.00%	0.002%
82	14.383	2043	2047	2050	rBV5	10172	16239	0.00%	0.004%
83	14.456	2056	2059	2062	rVB	14774	17459	0.00%	0.004%
84	14.499	2062	2066	2069	rBV3	7736	10210	0.00%	0.002%
85	14.530	2069	2071	2078	rVB6	8908	16414	0.00%	0.004%
86	14.615	2081	2085	2086	rBV4	4799	6220	0.00%	0.001%
87	14.786	2108	2113	2121	rBV7	13533	34758	0.01%	0.008%
88	14.853	2122	2124	2129	rVB6	3610	3633	0.00%	0.001%
89	14.908	2129	2133	2134	rBV4	3260	4516	0.00%	0.001%
90	15.060	2154	2158	2162	rVB6	3736	6473	0.00%	0.001%
91	15.225	2183	2185	2188	rBV4	3979	4620	0.00%	0.001%
92	15.359	2196	2207	2214	rBV2	15802	37631	0.01%	0.008%
93	15.432	2214	2219	2224	rBV2	7320	13690	0.00%	0.003%
94	15.767	2270	2274	2275	rBV4	2517	3786	0.00%	0.001%
95	15.804	2277	2280	2281	rBV3	2246	2986	0.00%	0.001%
96	16.273	2354	2357	2360	rBV5	1821	2601	0.00%	0.001%
97	16.365	2370	2372	2377	rVB6	2008	3265	0.00%	0.001%
98	16.426	2377	2382	2384	rBV6	7262	11323	0.00%	0.003%
99	16.474	2388	2390	2396	rVB7	2664	4381	0.00%	0.001%
100	16.639	2407	2417	2423	rBV10	5521	14672	0.00%	0.003%

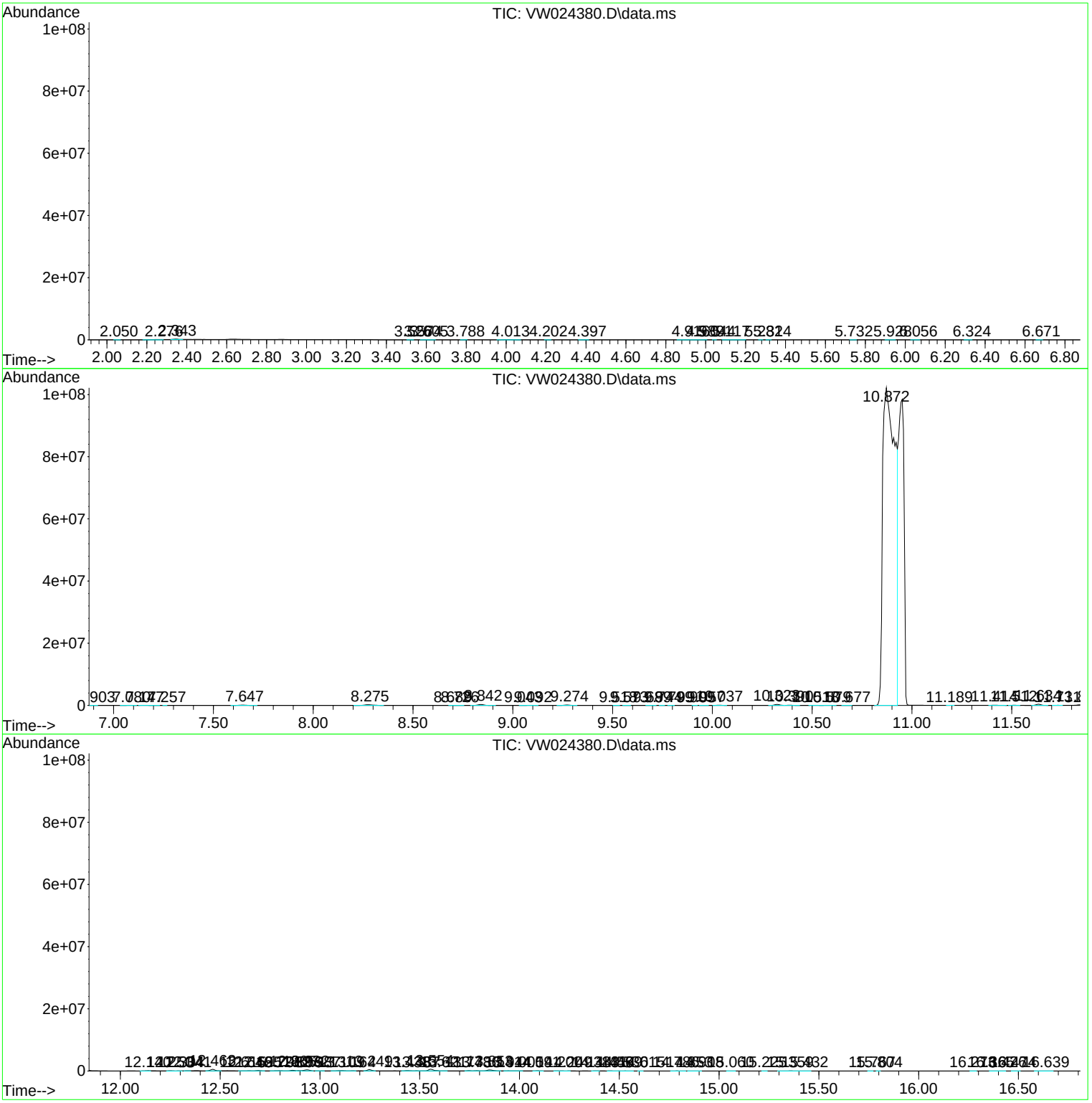
Sum of corrected areas: 452568874

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

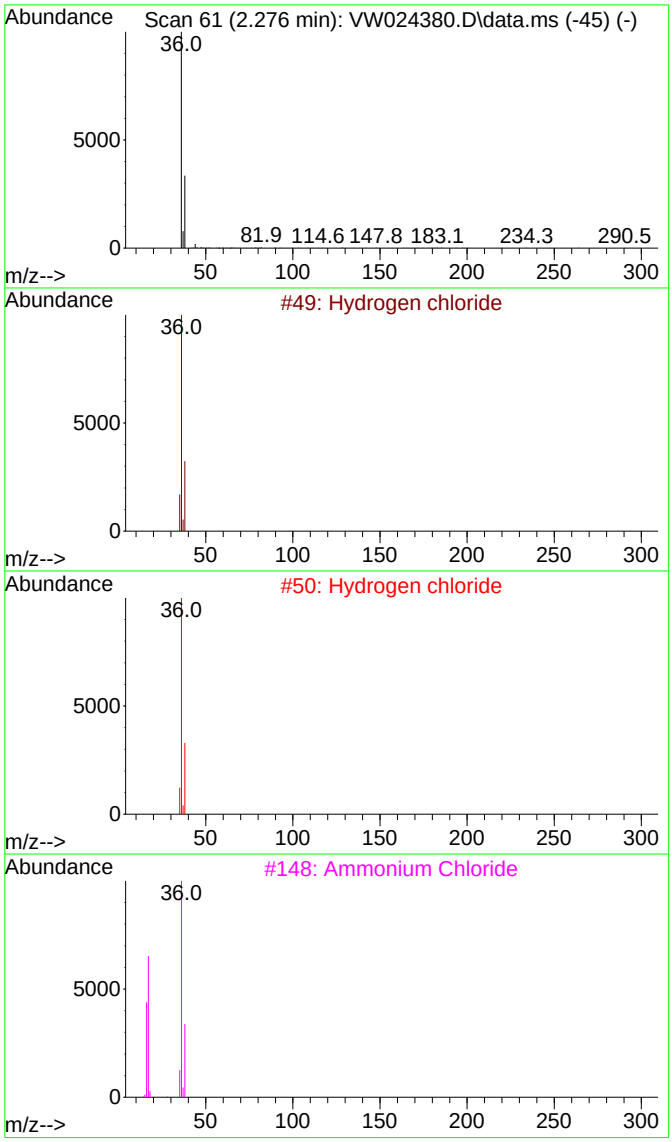
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

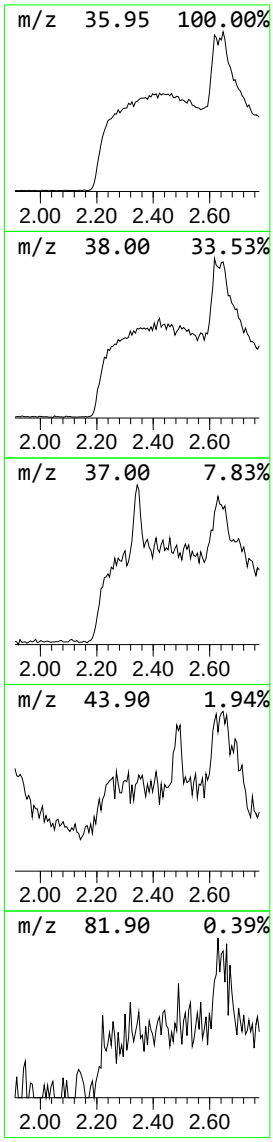
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.276	17.78 ug/L	416220	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrogen chloride	36	ClH	007647-01-0	9
2	Hydrogen chloride	36	ClH	007647-01-0	9
3	Ammonium Chloride	53	ClH4N	012125-02-9	4
4	Methanol-D4	36	CD4O	000811-98-3	2
5	2-Chloroethylamine	79	C2H6ClN	000689-98-5	1





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

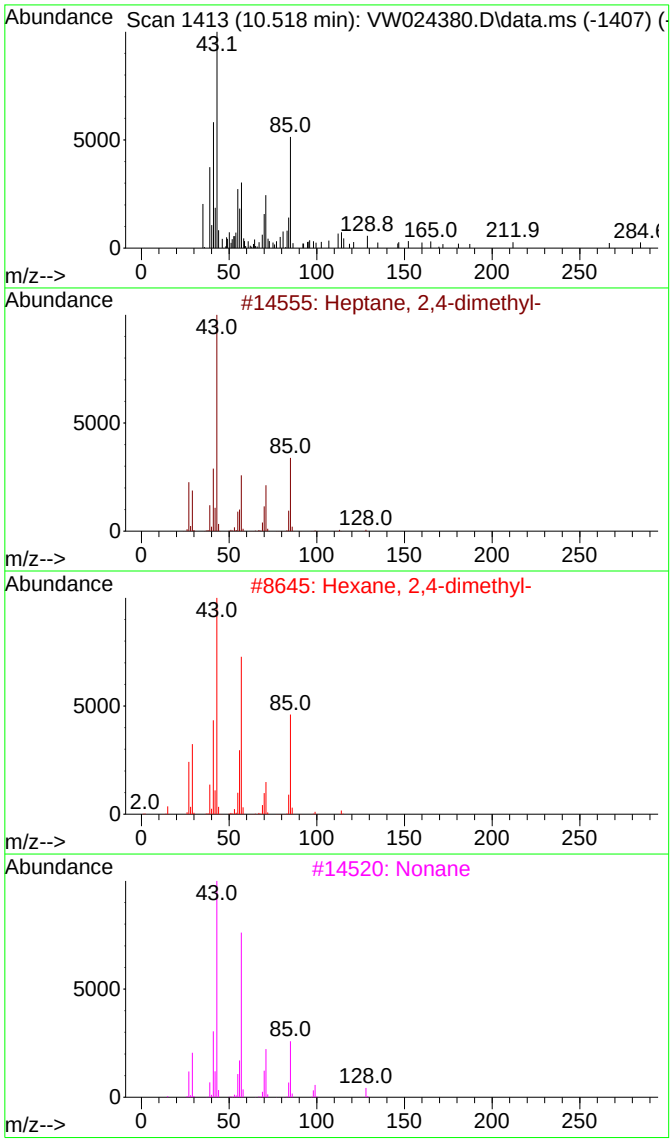
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

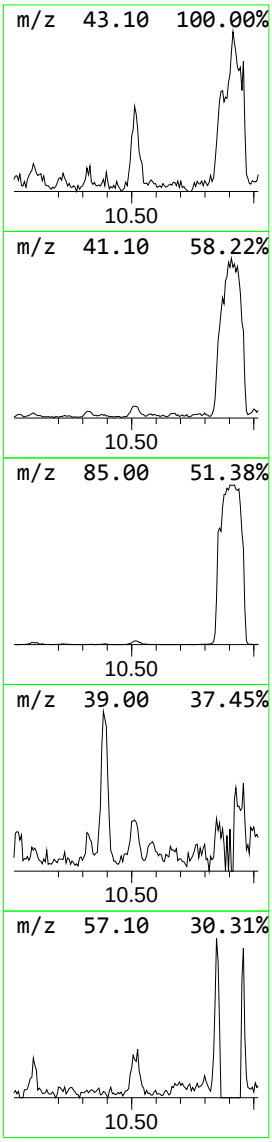
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.518	1.34 ug/L	34388	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	27
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	27
3	Nonane	128	C9H20	000111-84-2	27
4	Octane	114	C8H18	000111-65-9	27
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

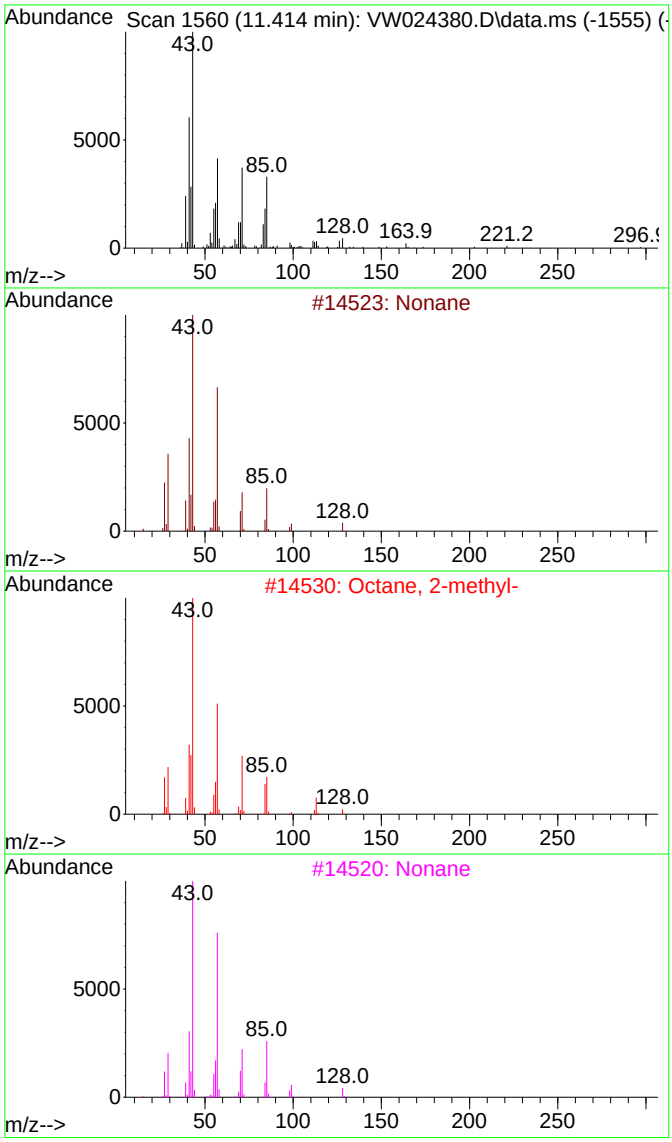
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

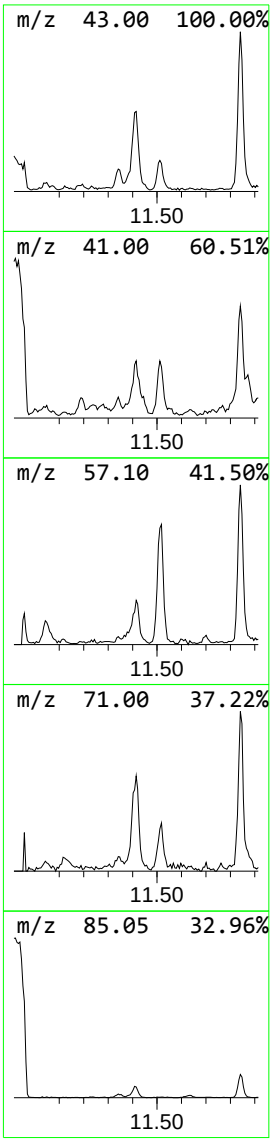
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.414	6.72 ug/L	172007	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	72
2	Octane, 2-methyl-	128	C9H20	003221-61-2	58
3	Nonane	128	C9H20	000111-84-2	53
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	50
5	Octane	114	C8H18	000111-65-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

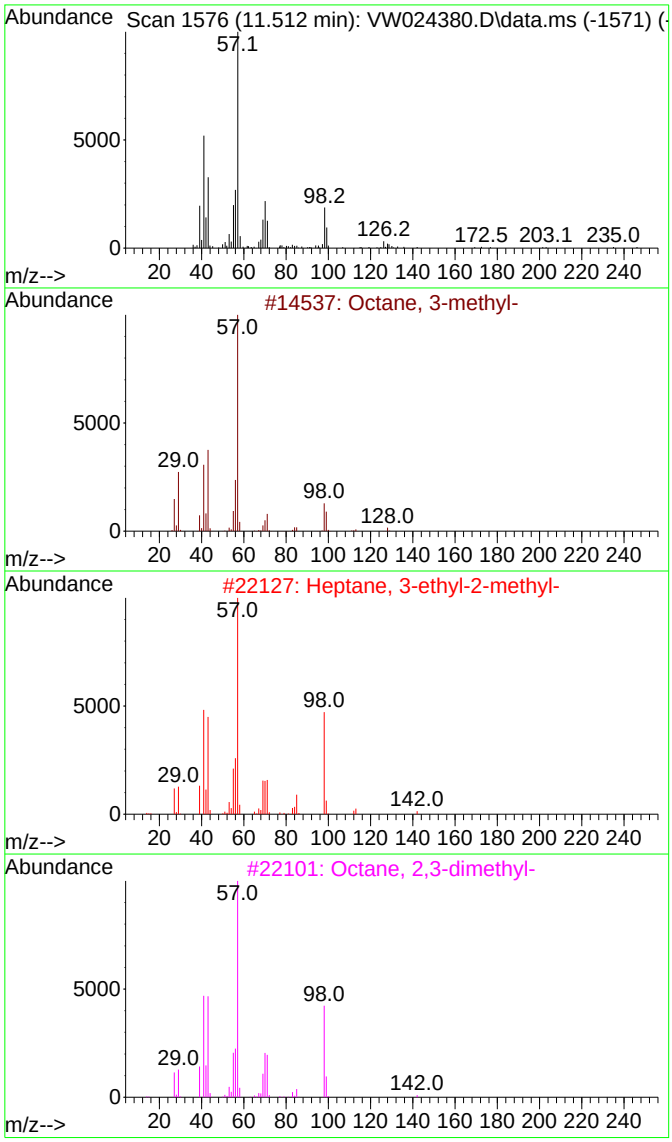
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

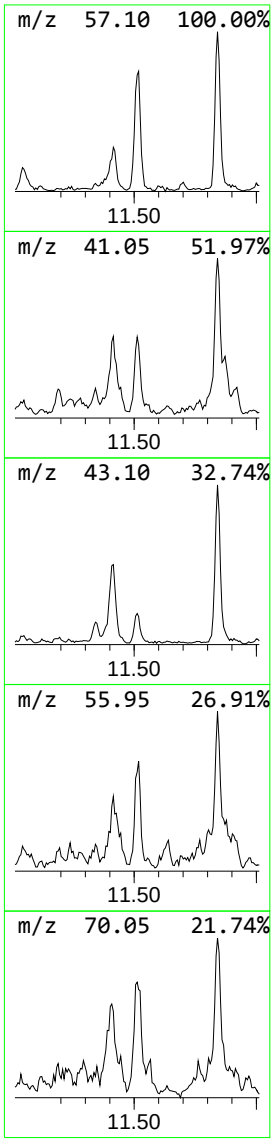
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	4.11 ug/L	105192	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	64
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
4	Octane, 3-methyl-	128	C9H20	002216-33-3	58
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

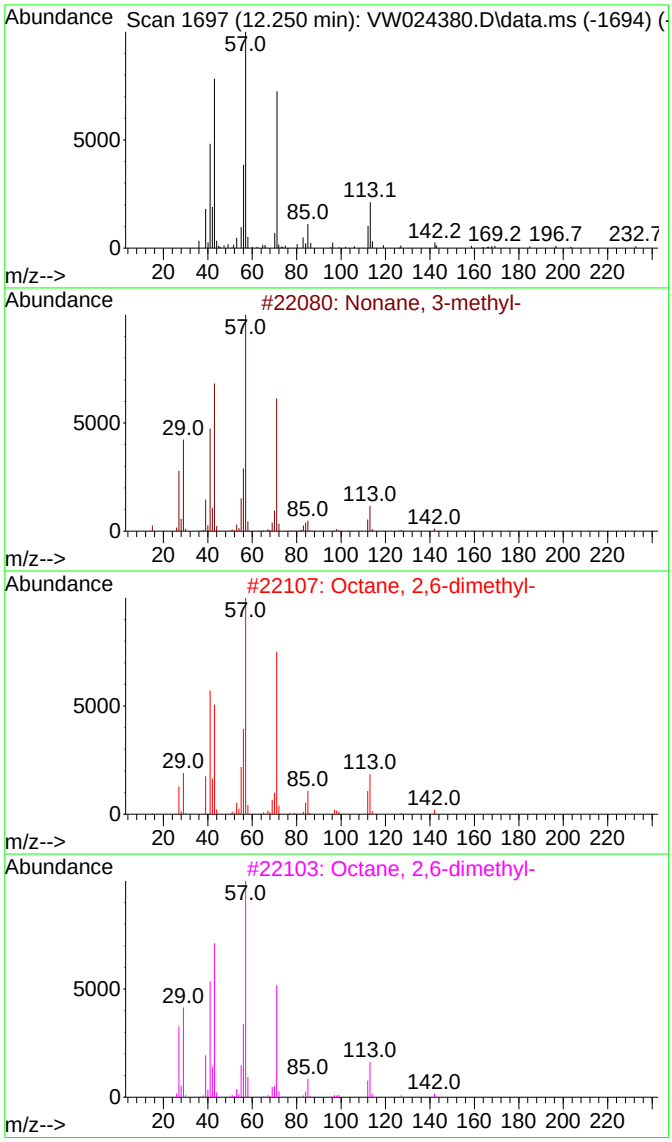
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

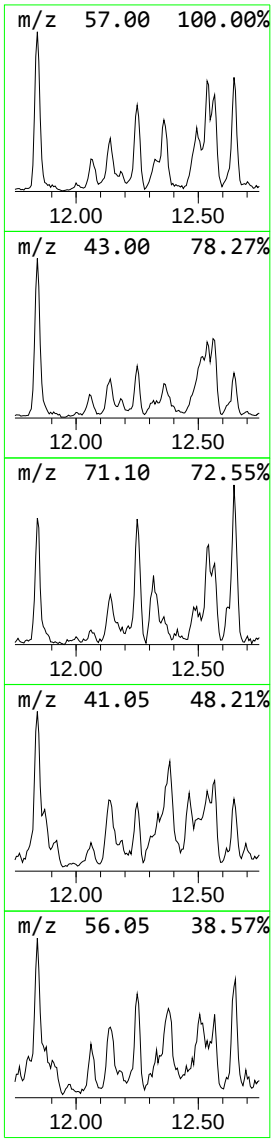
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	3.03 ug/L	77518	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

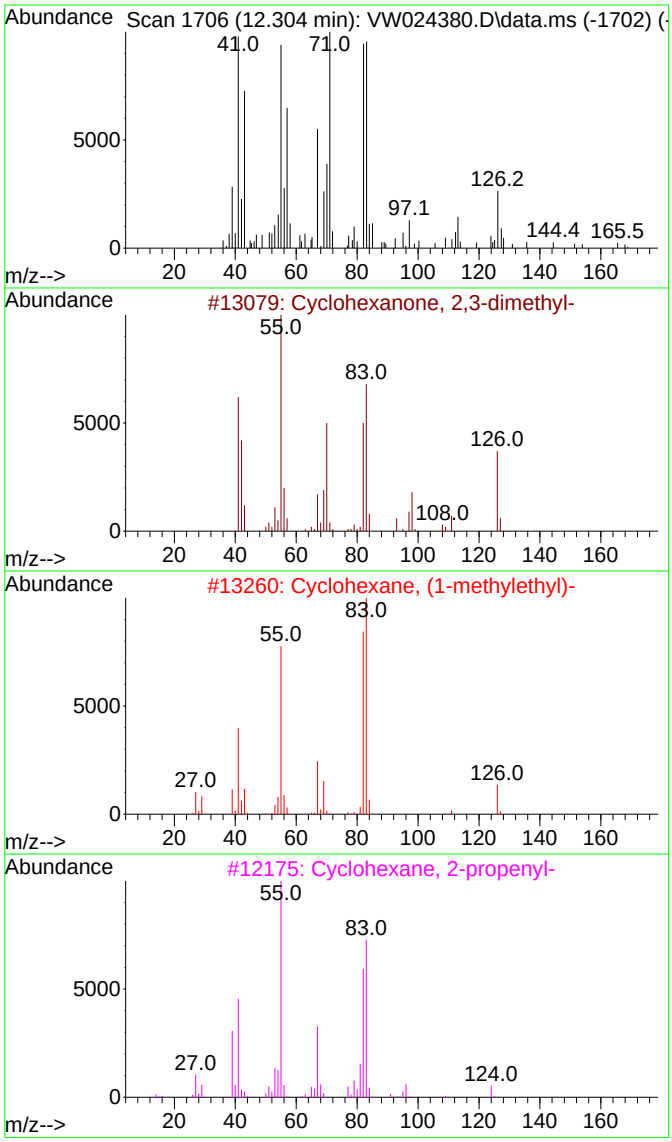
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

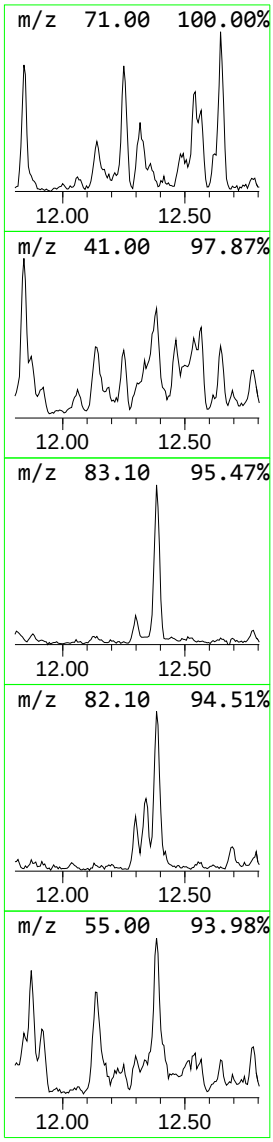
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexanone, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	1.50 ug/L	38446	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	55
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

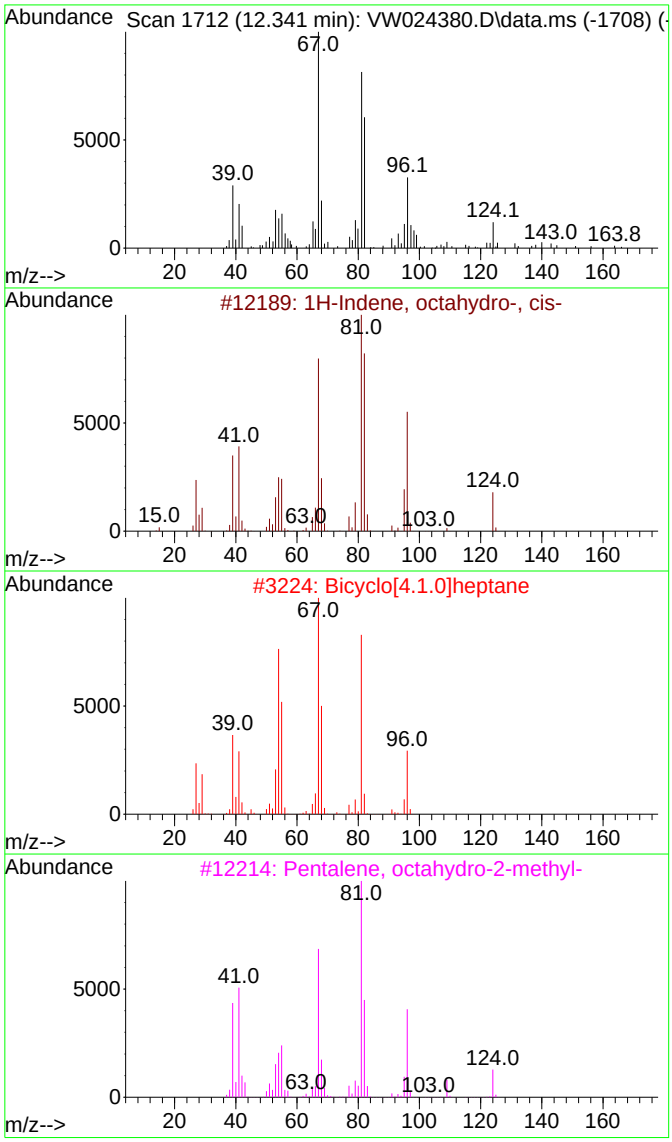
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

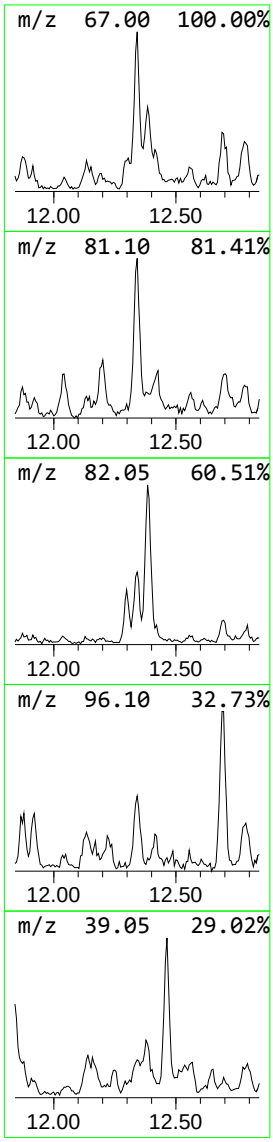
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, octahydro-, cis- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.341	2.37 ug/L	60596	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	76
2	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	58
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	58
4	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	46
5	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

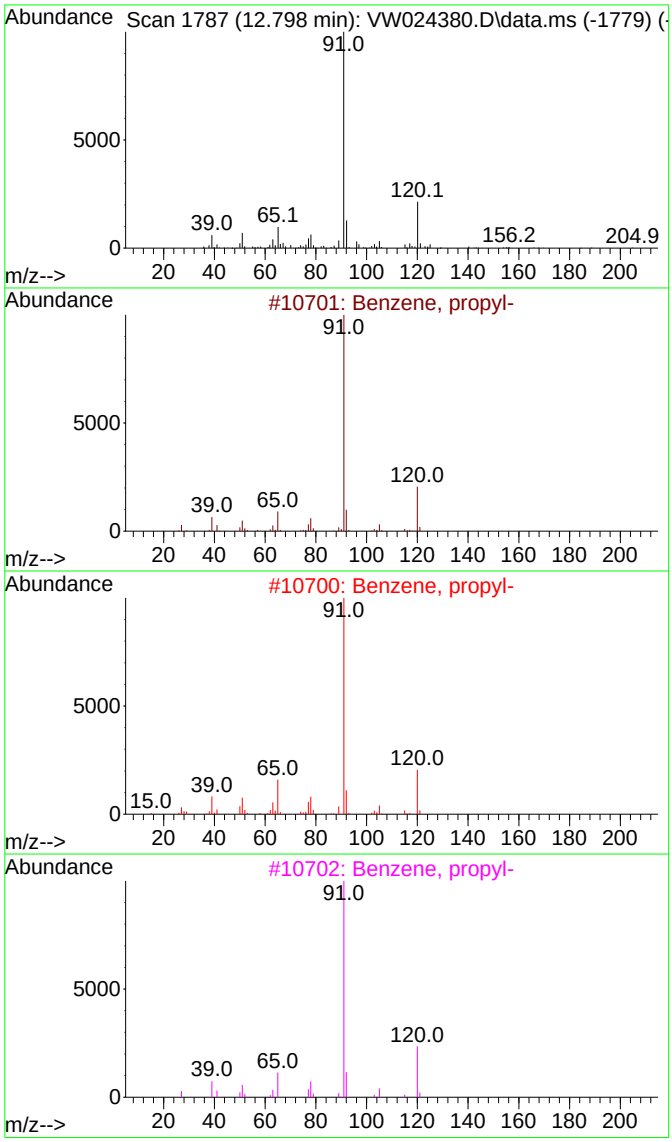
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

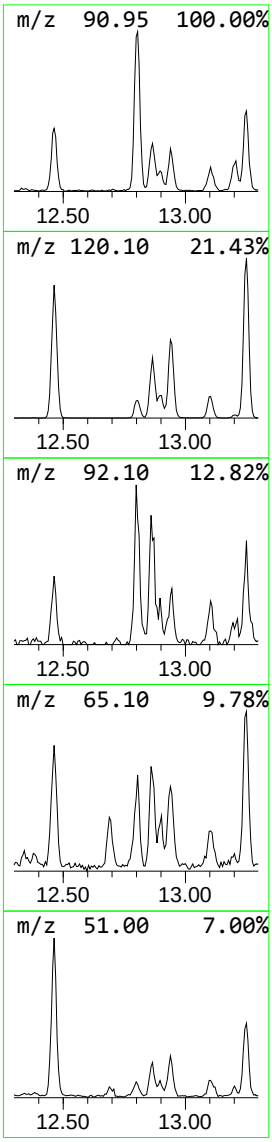
****

Peak Number 11 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	4.51 ug/L	178757	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	81
4	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72
5	Benzene, propyl-	120	C9H12	000103-65-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

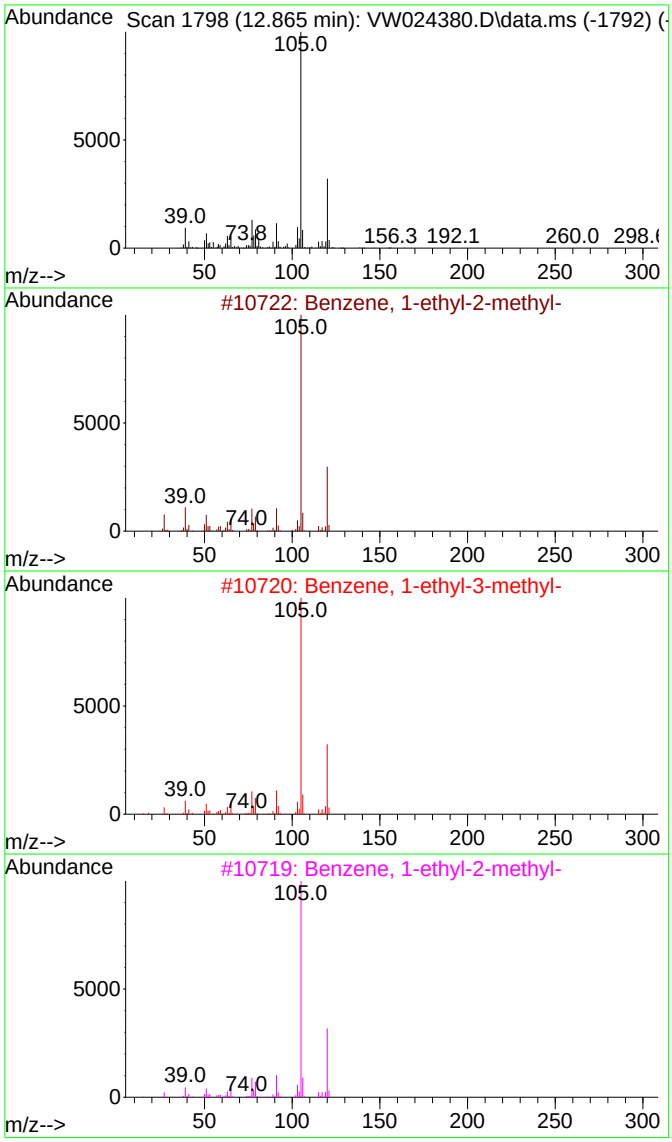
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

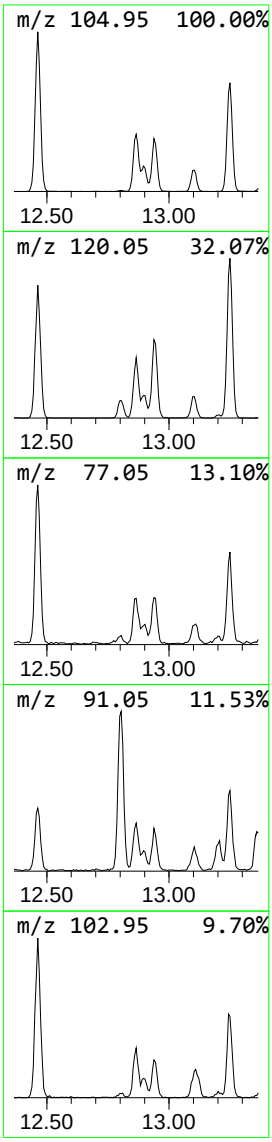
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	8.81 ug/L	348663	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

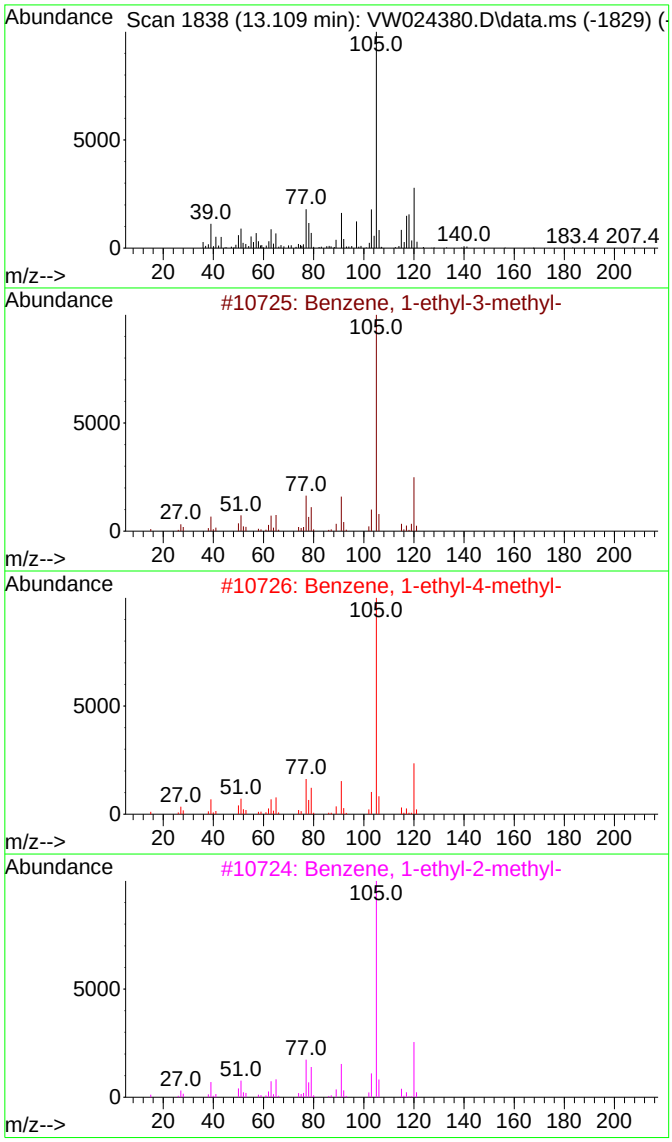
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

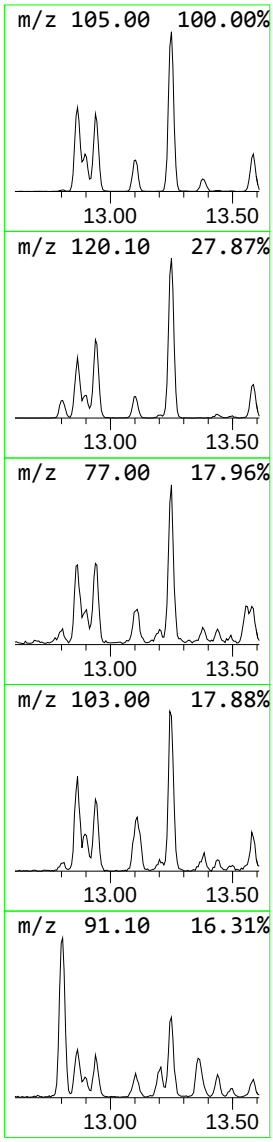
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.109	5.63 ug/L	222743	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	60
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	52
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

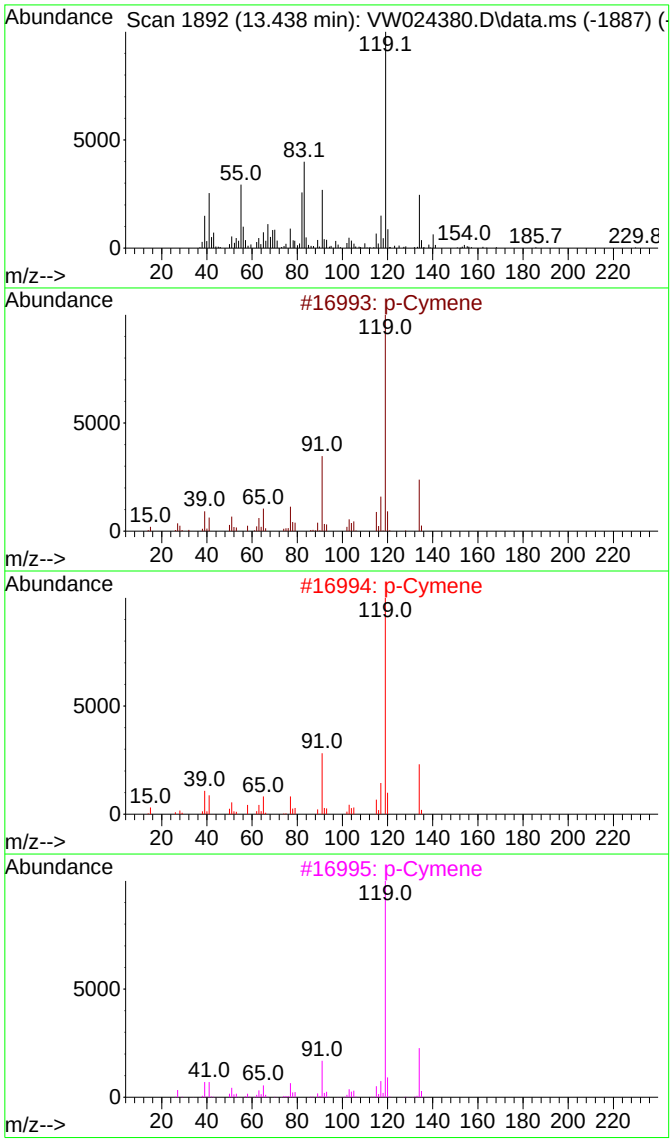
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

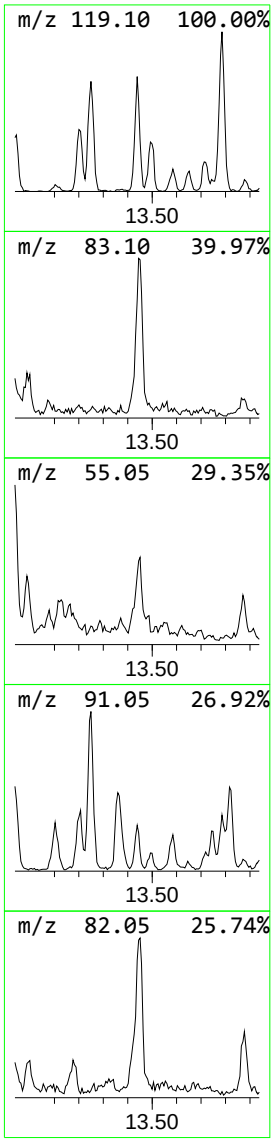
****

Peak Number 14 p-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	3.75 ug/L	148371	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	92
2	p-Cymene	134	C10H14	000099-87-6	92
3	p-Cymene	134	C10H14	000099-87-6	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

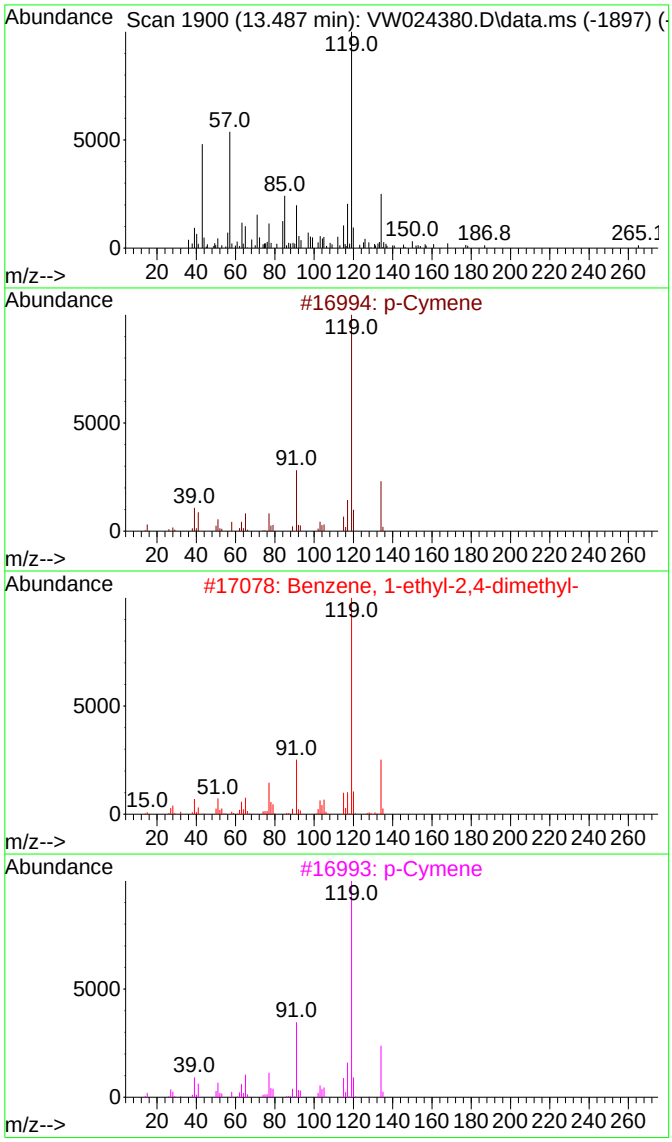
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

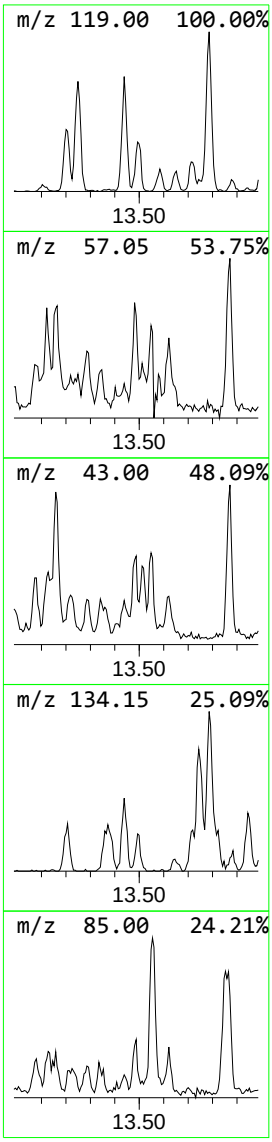
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.487	1.52 ug/L	60339	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	93
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92
3	p-Cymene	134	C10H14	000099-87-6	89
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	86
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

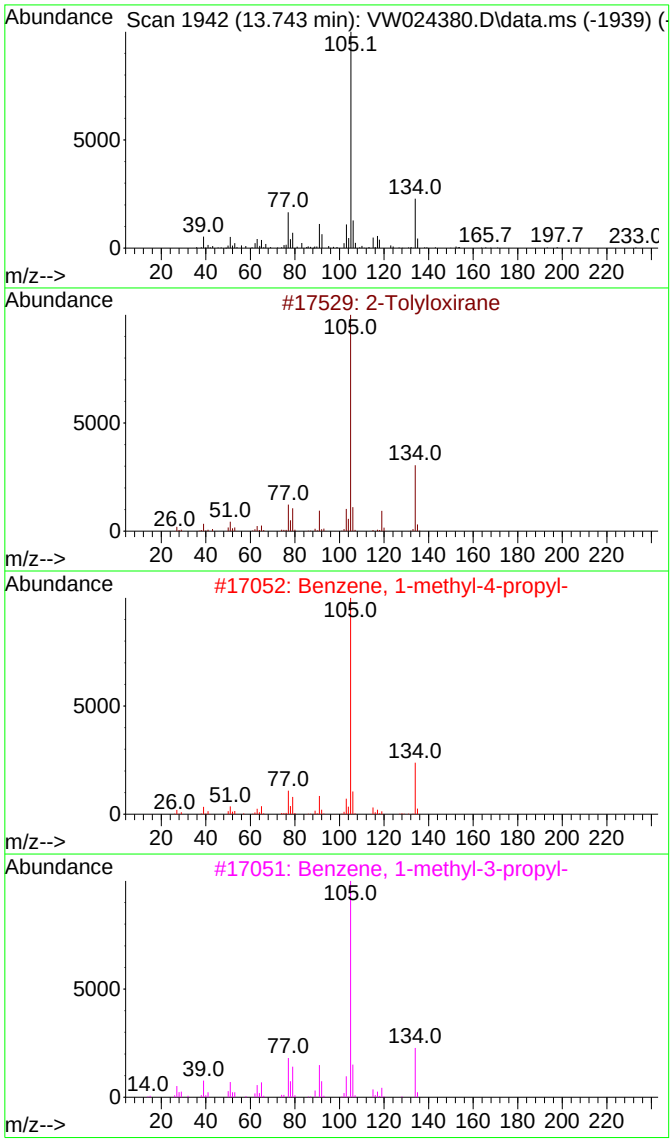
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

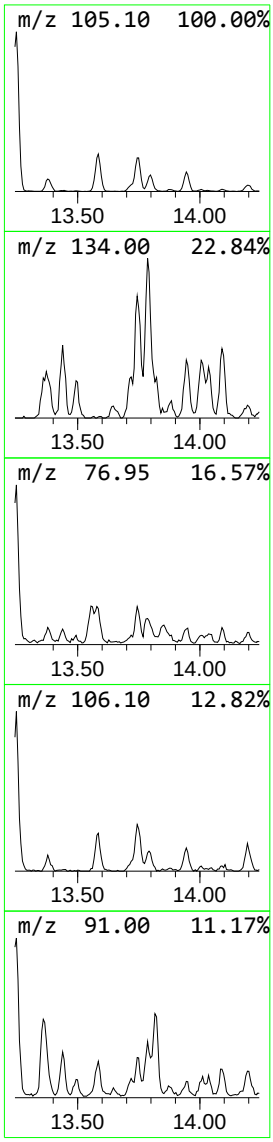
****

Peak Number 16 2-Tolyloxirane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.743	1.81 ug/L	71714	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tolyloxirane	134	C9H10O	002783-26-8	87
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	83
4	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	80
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

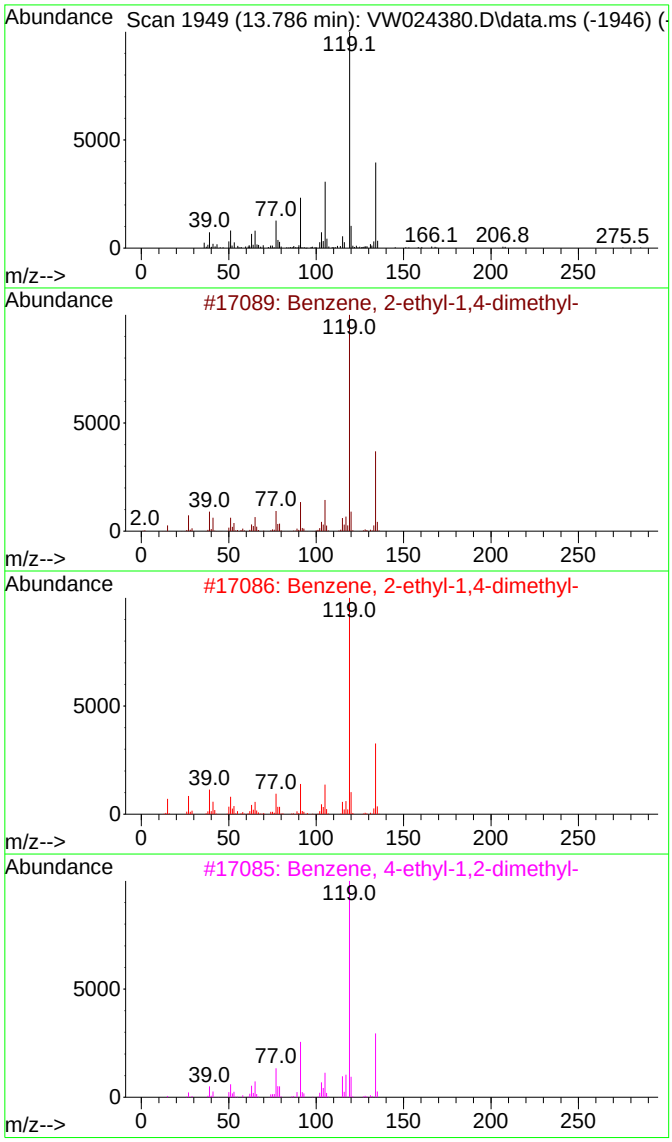
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

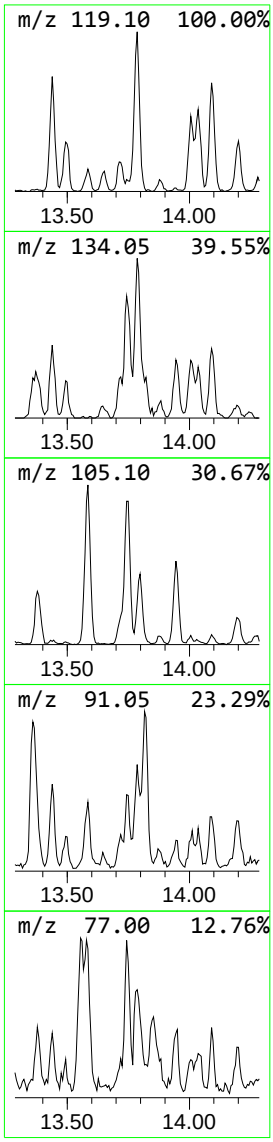
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	2.16 ug/L	85541	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

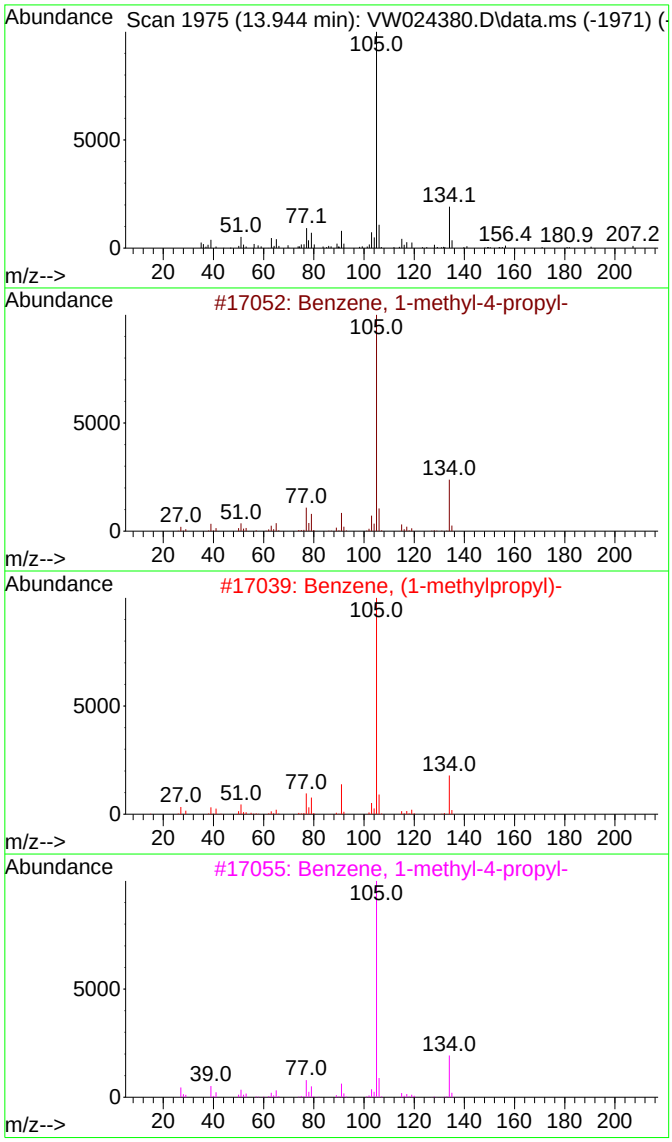
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

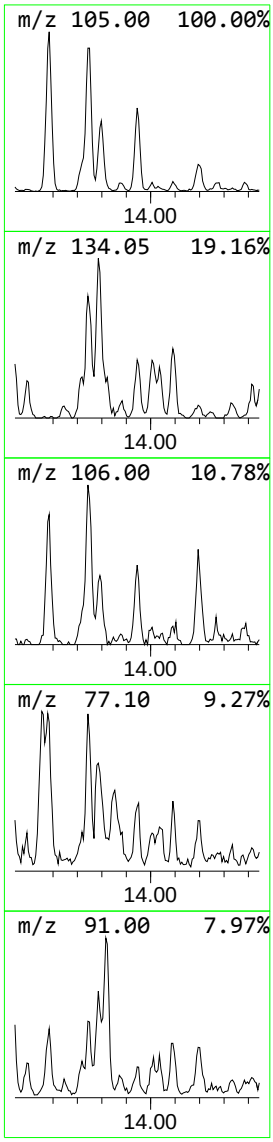
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.944	1.29 ug/L	51142	1,4-Dichlorobenzene-d4	13.560

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	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	87
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

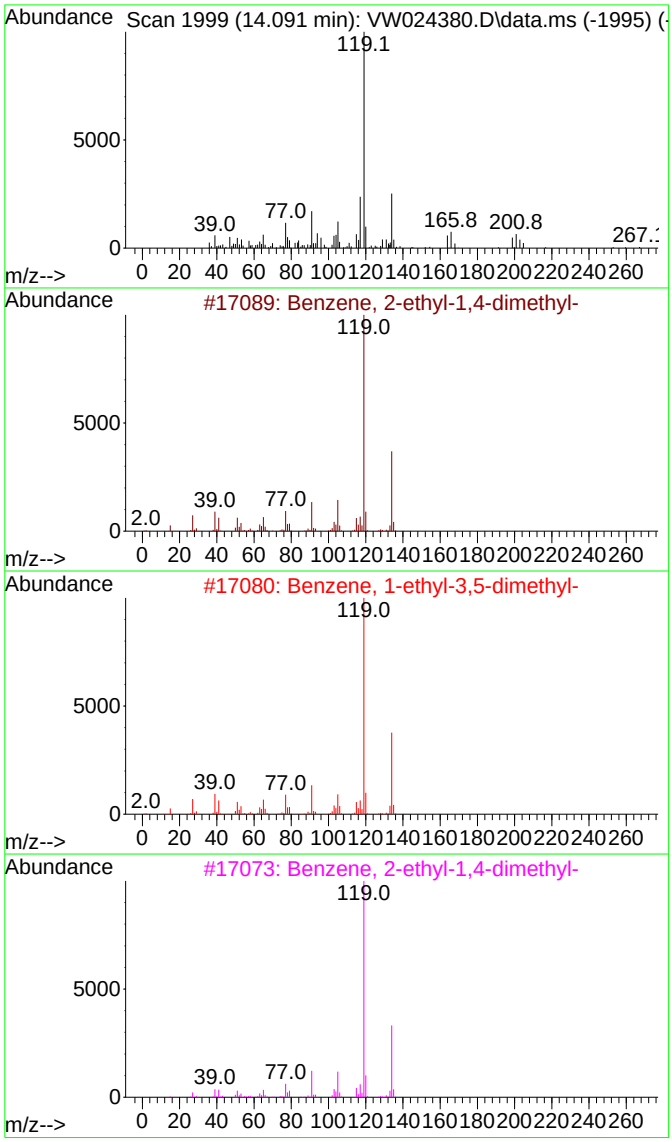
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

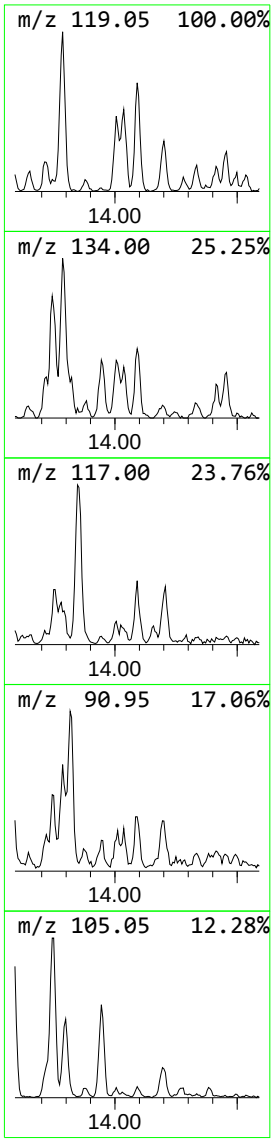
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	2.32 ug/L	91694	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

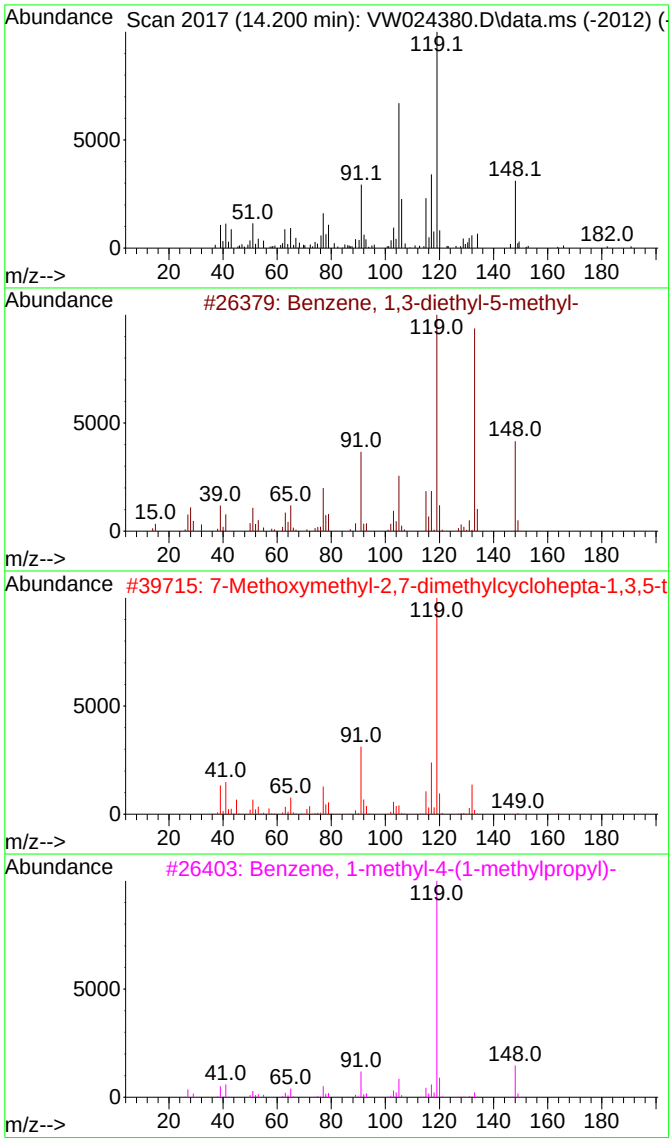
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

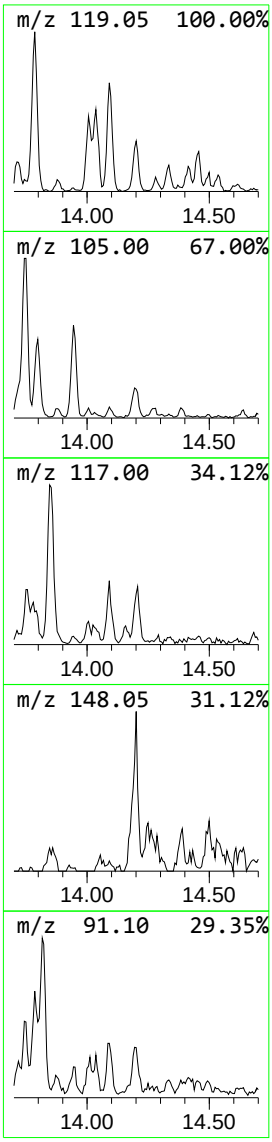
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	1.64 ug/L	64927	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	55
2	7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	52
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	52
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49
5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024380.D
Acq On : 27 Aug 2022 05:20
Operator : SY/VA
Sample : N4345-04
Misc : 6.27g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.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
unknown-01	2.276	17.8	ug/L	416220	1	8.842	585150	25.0
(DEL) Alkane: S...	10.518	1.3	ug/L	34388	2	11.634	639569	25.0
(DEL) Alkane: S...	11.414	6.7	ug/L	172007	2	11.634	639569	25.0
(DEL) Alkane: S...	11.512	4.1	ug/L	105192	2	11.634	639569	25.0
(DEL) Alkane: S...	12.250	3.0	ug/L	77518	2	11.634	639569	25.0
Cyclohexanone, ...	12.304	1.5	ug/L	38446	2	11.634	639569	25.0
1H-Indene, octa...	12.341	2.4	ug/L	60596	2	11.634	639569	25.0
Benzene, propyl-	12.798	4.5	ug/L	178757	3	13.560	989922	25.0
Benzene, 1-ethy...	12.865	8.8	ug/L	348663	3	13.560	989922	25.0
Benzene, 1-ethy...	13.109	5.6	ug/L	222743	3	13.560	989922	25.0
p-Cymene	13.438	3.8	ug/L	148371	3	13.560	989922	25.0
Benzene, 1-ethy...	13.487	1.5	ug/L	60339	3	13.560	989922	25.0
2-Tolyloxirane	13.743	1.8	ug/L	71714	3	13.560	989922	25.0
Benzene, 2-ethy...	13.786	2.2	ug/L	85541	3	13.560	989922	25.0
Benzene, 1-meth...	13.944	1.3	ug/L	51142	3	13.560	989922	25.0
Benzene, 1-ethy...	14.091	2.3	ug/L	91694	3	13.560	989922	25.0
Benzene, 1,3-di...	14.200	1.6	ug/L	64927	3	13.560	989922	25.0