LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

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\SFAMWLM101123SMA.M
Title : SFAM01.0

Signal : TIC: VW027390.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	69	79	92	rBV	72980	187423	11.31%	0.997%
2	2.503	97	101	111	rVB	6171	14949	0.90%	0.080%
3	2.899	158	166	181	rBV	62892	173525	10.47%	0.923%
4	4.021	336	350	361	rBV	155206	481645	29.07%	2.561%
5	4.118	361	366	377	rVB	34858	97951	5.91%	0.521%
6	4.387	403	410	424	rBV3	10262	33937	2.05%	0.180%
7	4.929	487	499	509	rBV3	12186	48645	2.94%	0.259%
8	5.783	630	639	649	rVV6	4797	17414	1.05%	0.093%
9	5.947	658	666	676	rVB7	5979	18340	1.11%	0.098%
10	7.075	843	851	857	rBV2	62164	174603	10.54%	0.929%
11	7.136	857	861	878	rVB3	40877	153500	9.26%	0.816%
12	7.648	935	945	960	rVB	263197	650212	39.24%	3.458%
13	7.935	979	992	993	rBV9	5517	12916	0.78%	0.069%
14	8.276	1037	1048	1064	rBV2	519791	1656972	100.00%	8.812%
15	8.459	1067	1078	1083	rBV10	6899	24934	1.50%	0.133%
16	8.575	1091	1097	1104	rVB7	6737	17285	1.04%	0.092%
17	8.697	1111	1117	1128	rVB3	9419	23498	1.42%	0.125%
18	8.843	1132	1141	1151	rBV	532052	1101336	66.47%	5.857%
19	9.075	1172	1179	1190	rVV4	13112	34374	2.07%	0.183%
20	9.276	1202	1212	1219	rBV	363202	778980	47.01%	4.143%
21	9.331	1219	1221	1228	rVB2	31771	53745	3.24%	0.286%
22	9.514	1247	1251	1260	rVB5	5925	12149	0.73%	0.065%
23	9.611	1260	1267	1272	rBV7	5719	13044	0.79%	0.069%
24	9.752	1283	1290	1297	rVB3	9549	19070	1.15%	0.101%
25	9.898	1309	1314	1319	rVB2	9294	18129	1.09%	0.096%
26	9.953	1319	1323	1327	rBV2	7662	12432	0.75%	0.066%
27	10.032	1329	1336	1344	rBV	188437	335939	20.27%	1.787%
28	10.203	1358	1364	1368	rBV4	11587	21039	1.27%	0.112%
29	10.325	1376	1384	1391	rBV	641187	1149828	69.39%	6.115%
30	10.386	1391	1394	1402	rVV	17145	33586	2.03%	0.179%
31	10.508	1406	1414	1419	rVB5	14959	35161	2.12%	0.187%
32	10.575	1419	1425	1435	rBV	119576	218641	13.20%	1.163%
33	10.660	1435	1439	1442	rBV3	8087	14526	0.88%	0.077%
34	10.697	1443	1445	1449	rVV	8644	14184	0.86%	0.075%
35	10.757	1450	1455	1461	rVB6	9537	21778	1.31%	0.116%
36	10.825	1461	1466	1475	rVB2	23232	52062	3.14%	0.277%

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Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

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\SFAMWLM101123SMA.M
Title : SFAM01.0

37	10.922	1475	1482	1491	rBV	242647	418275	25.24%	2.224%
38	11.014	1493	1497	1500	rVV4	7448	12698	0.77%	0.068%
39	11.062	1501	1505	1508	rVV5	9764	18360	1.11%	0.098%
40	11.093	1508	1510	1515	rVV5	6624	11865	0.72%	0.063%
41	11.178	1520	1524	1528	rVV2	14183	22965	1.39%	0.122%
42	11.227	1528	1532	1538	rVB	13948	22952	1.39%	0.122%
43	11.331	1545	1549	1554	rVB6	8339	14589	0.88%	0.078%
44	11.434	1556	1566	1569	rBV6	7698	22651	1.37%	0.120%
45	11.532	1574	1582	1589	rVB5	10147	30155	1.82%	0.160%
46	11.629	1589	1598	1609	rBV	645131	1136859	68.61%	6.046%
47	11.727	1609	1614	1623	rVB4	26611	62426	3.77%	0.332%
48	11.837	1623	1632	1643	rBV	192974	416160	25.12%	2.213%
49	11.977	1650	1655	1661	rBV10	6144	16803	1.01%	0.089%
50	12.056	1662	1668	1674	rVB2	26334	44611	2.69%	0.237%
51	12.166	1674	1686	1693	rBV	331427	590928	35.66%	3.143%
52	12.245	1695	1699	1704	rVB4	11064	18710	1.13%	0.100%
53	12.336	1709	1714	1720	rBV4	22051	61123	3.69%	0.325%
54	12.458	1729	1734	1740	rBV	57385	95055	5.74%	0.506%
55	12.605	1753	1758	1762	rVB	16347	27763	1.68%	0.148%
56	12.690	1766	1772	1781	rVB	261755	439249	26.51%	2.336%
57	12.800	1781	1790	1795	rBV	121308	210589	12.71%	1.120%
58	12.861	1795	1800	1803	rBV	66627	107073	6.46%	0.569%
59	12.897	1803	1806	1808	rVV2	42050	64169	3.87%	0.341%
60	12.934	1808	1812	1818	rVB4	96586	186234	11.24%	0.990%
61	13.099	1832	1839	1846	rBV	332253	540925	32.65%	2.877%
62	13.159	1846	1849	1857	rVB5	20207	39488	2.38%	0.210%
63	13.245	1858	1863	1868	rBV	91613	142846	8.62%	0.760%
64	13.379	1877	1885	1889	rBV3	29468	59287	3.58%	0.315%
65	13.440	1889	1895	1899	rVV2	46966	81292	4.91%	0.432%
66	13.489	1899	1903	1908	rVB2	29768	50563	3.05%	0.269%
67	13.556	1908	1914	1923	rBV2	464029	889428	53.68%	4.730%
68	13.714	1935	1940	1942	rBV	70180	109395	6.60%	0.582%
69	13.751	1942	1946	1950	rVV2	214755	339392	20.48%	1.805%
70	13.854	1957	1963	1972	rVB2	379637	864334	52.16%	4.597%
71	13.946	1972	1978	1983	rBV	80307	120291	7.26%	0.640%
72	14.007	1983	1988	1990	rBV	44993	67934	4.10%	0.361%
73	14.092	1996	2002	2007	rVB	241563	363786	21.95%	1.935%
74	14.153	2008	2012	2015	rBV	37831	52773	3.18%	0.281%
75	14.202	2015	2020	2025	rVB2	202891	323115	19.50%	1.718%
76	14.336	2035	2042	2046	rBV2	50778	96316	5.81%	0.512%

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EOAQ9

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
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Title : SFAM01.0

77	14.415	2046	2055	2058	rVV	171317	318460	19.22%	1.694%
78	14.452	2058	2061	2065	rVV	123863	167298	10.10%	0.890%
79	14.495	2065	2068	2071	rVV	51399	60593	3.66%	0.322%
80	14.537	2071	2075	2082	rVB3	40237	73815	4.45%	0.393%
81	14.635	2082	2091	2094	rBV2	40161	68622	4.14%	0.365%
82	14.684	2094	2099	2102	rBV	102336	162608	9.81%	0.865%
83	14.720	2102	2105	2110	rVB2	63864	102117	6.16%	0.543%
84	14.799	2110	2118	2124	rBV3	268840	649342	39.19%	3.453%
85	14.952	2138	2143	2149	rBV2	42258	68214	4.12%	0.363%
86	15.055	2150	2160	2164	rBV4	84223	197381	11.91%	1.050%
87	15.165	2172	2178	2189	rVB3	79218	188140	11.35%	1.001%
88	15.318	2197	2203	2206	rBV3	37542	71891	4.34%	0.382%
89	15.360	2206	2210	2213	rVV	22938	38256	2.31%	0.203%
90	15.464	2223	2227	2231	rBV3	23842	34353	2.07%	0.183%
91	15.647	2249	2257	2263	rBV3	47197	105068	6.34%	0.559%
92	15.720	2264	2269	2275	rVV4	34347	71863	4.34%	0.382%
93	15.811	2278	2284	2288	rVV4	29914	80755	4.87%	0.429%
94	15.848	2288	2290	2300	rVV6	26403	51689	3.12%	0.275%
95	15.939	2301	2305	2310	rVB3	18113	29386	1.77%	0.156%
96	16.019	2311	2318	2323	rBV4	19595	49273	2.97%	0.262%
97	16.171	2333	2343	2355	rVV4	31366	110651	6.68%	0.588%
98	16.269	2356	2359	2365	rVB3	13426	23713	1.43%	0.126%
99	16.427	2380	2385	2397	rBV3	24543	64978	3.92%	0.346%
100	16.634	2412	2419	2427	rVB2	38389	94016	5.67%	0.500%

Sum of corrected areas: 18803661

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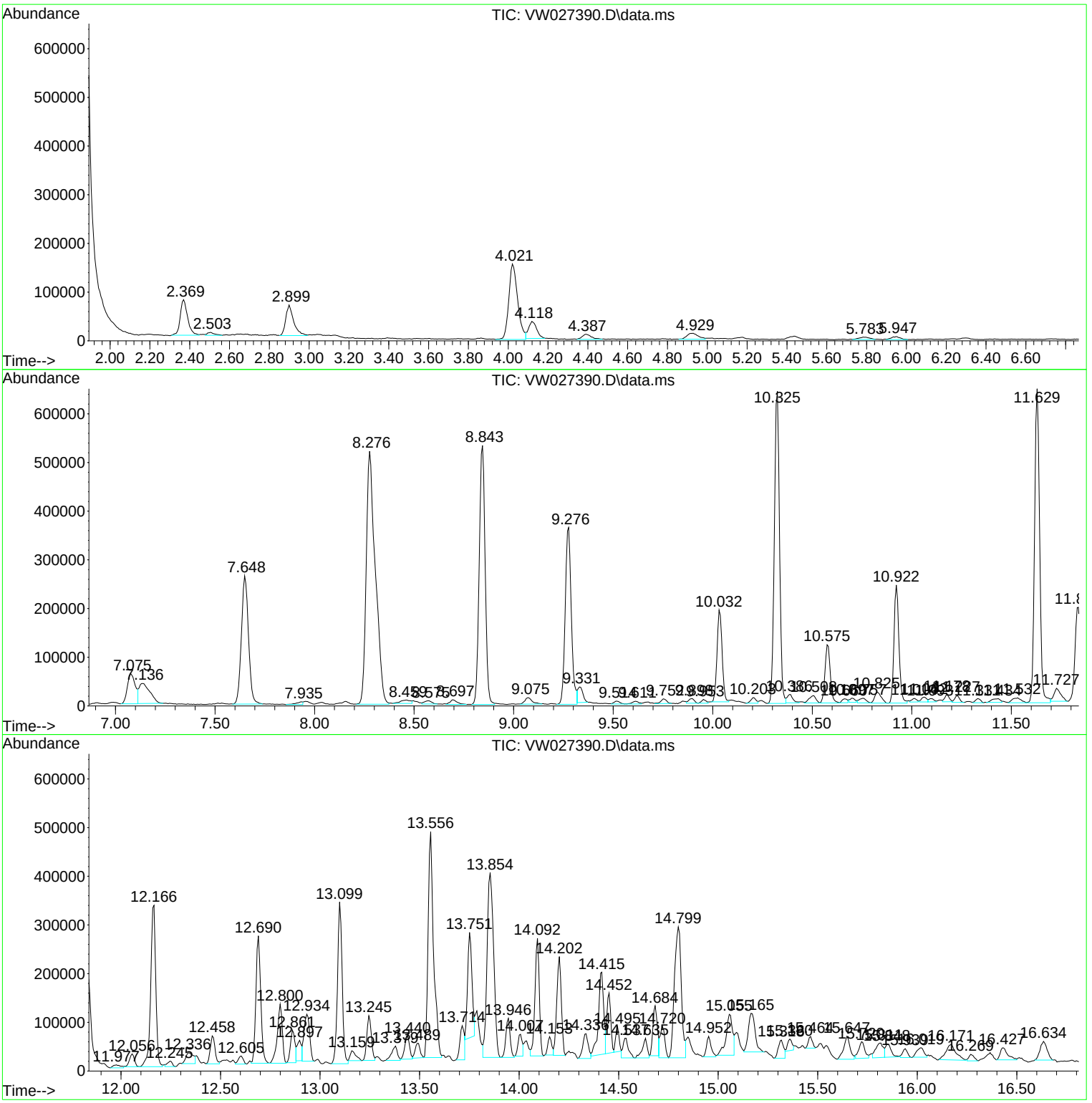
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

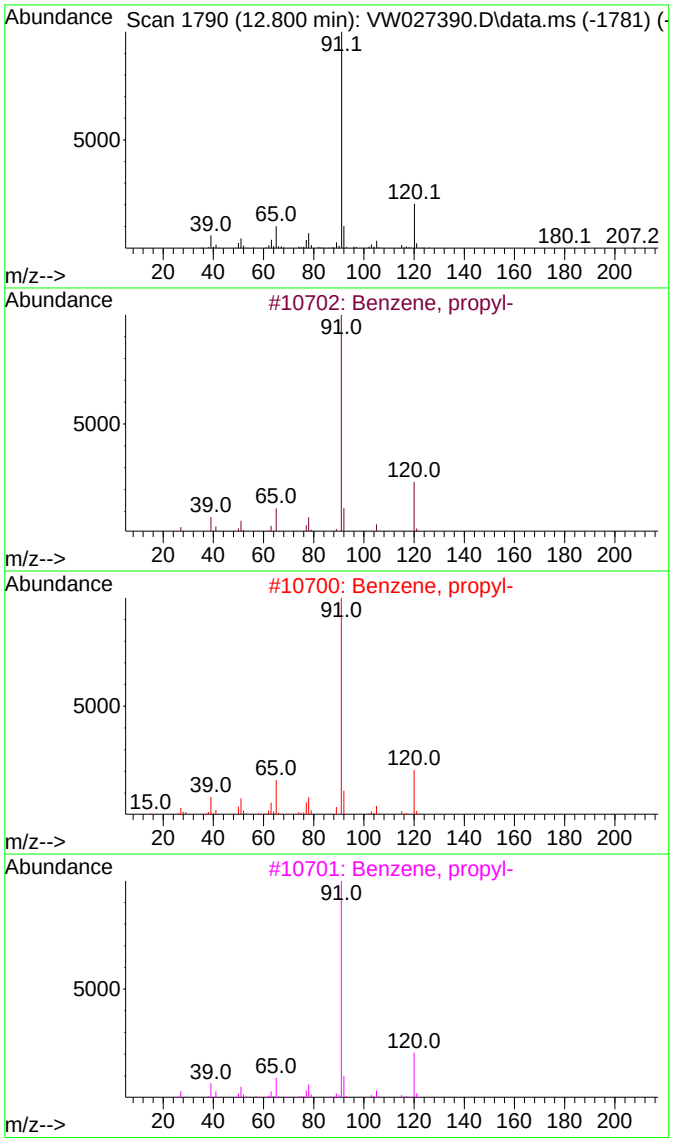
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

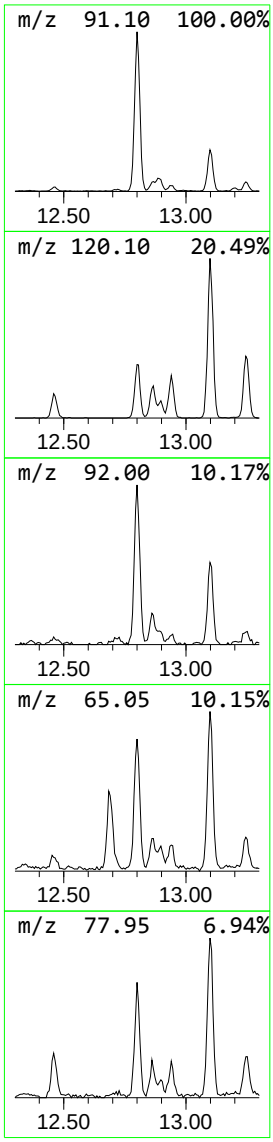
****

Peak Number 5 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.800	5.92 ug/L	210589	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	87
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
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Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

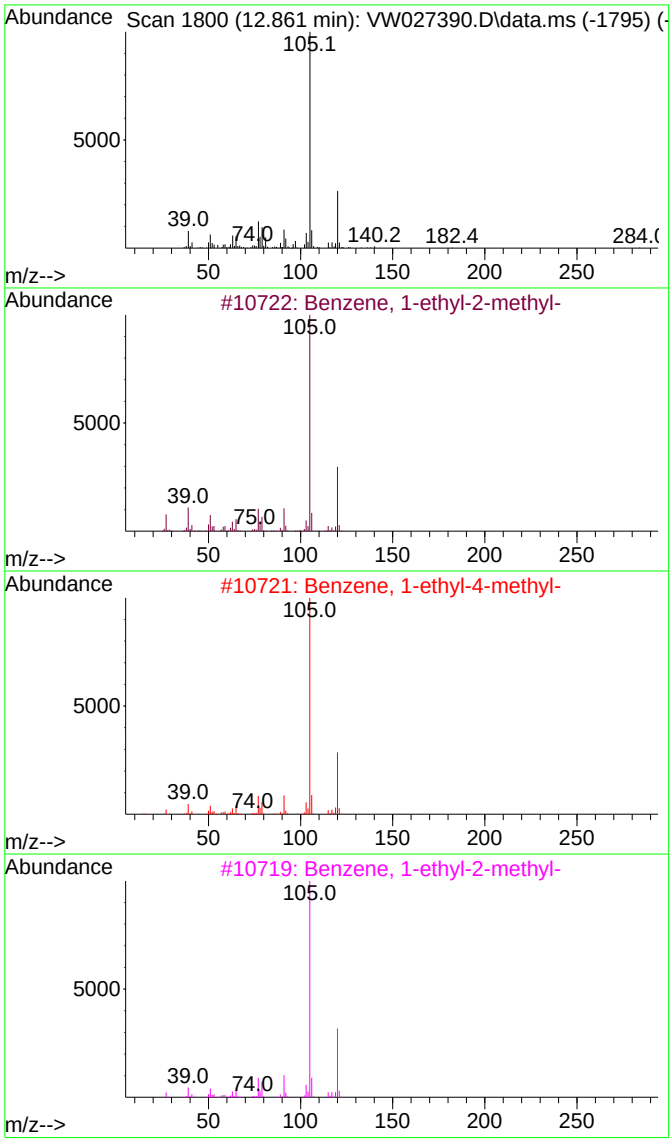
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

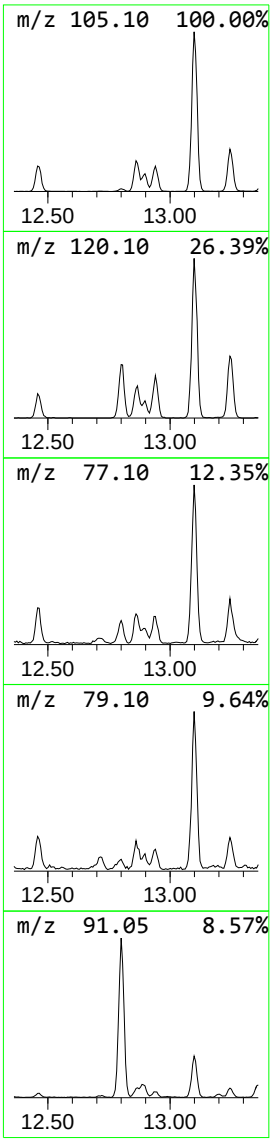
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	3.01 ug/L	107073	1,4-Dichlorobenzene-d4	13.556

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-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

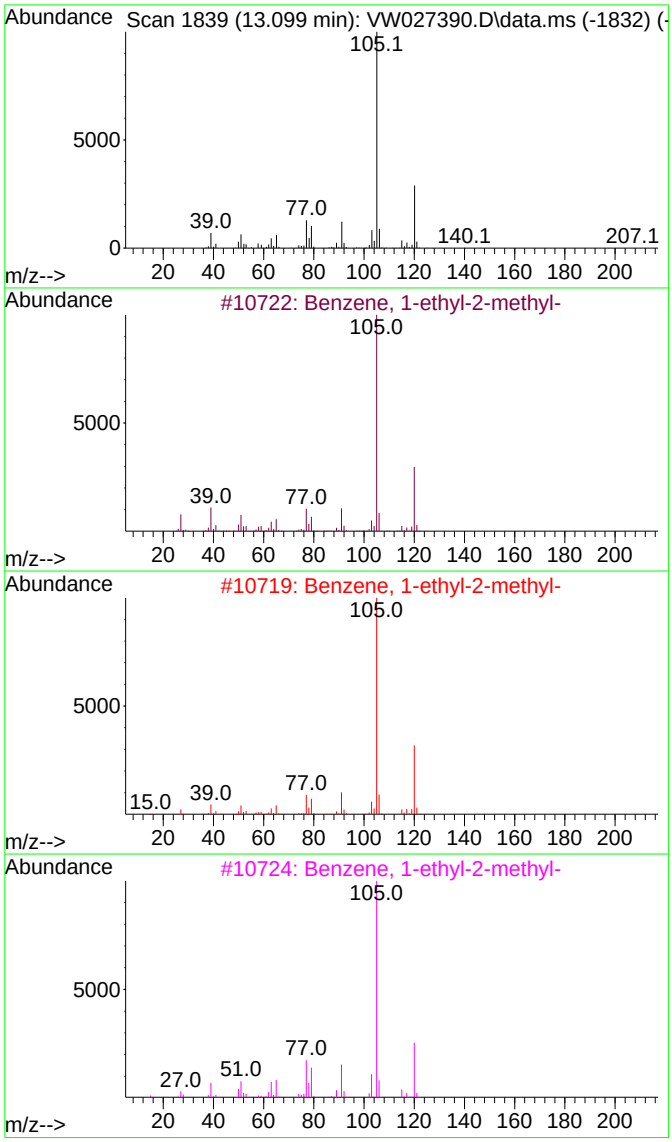
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

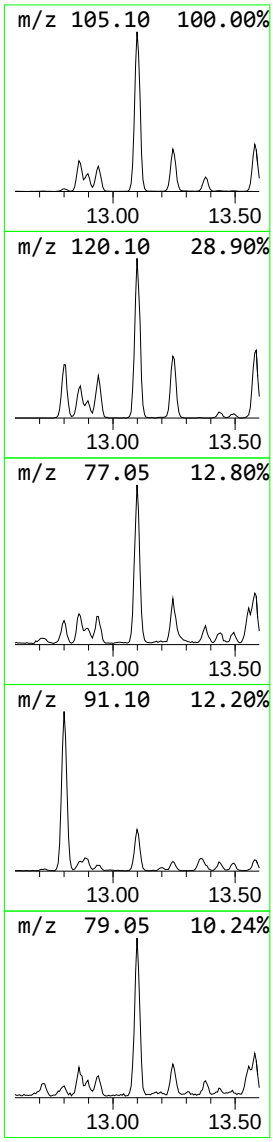
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.099	15.20 ug/L	540925	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

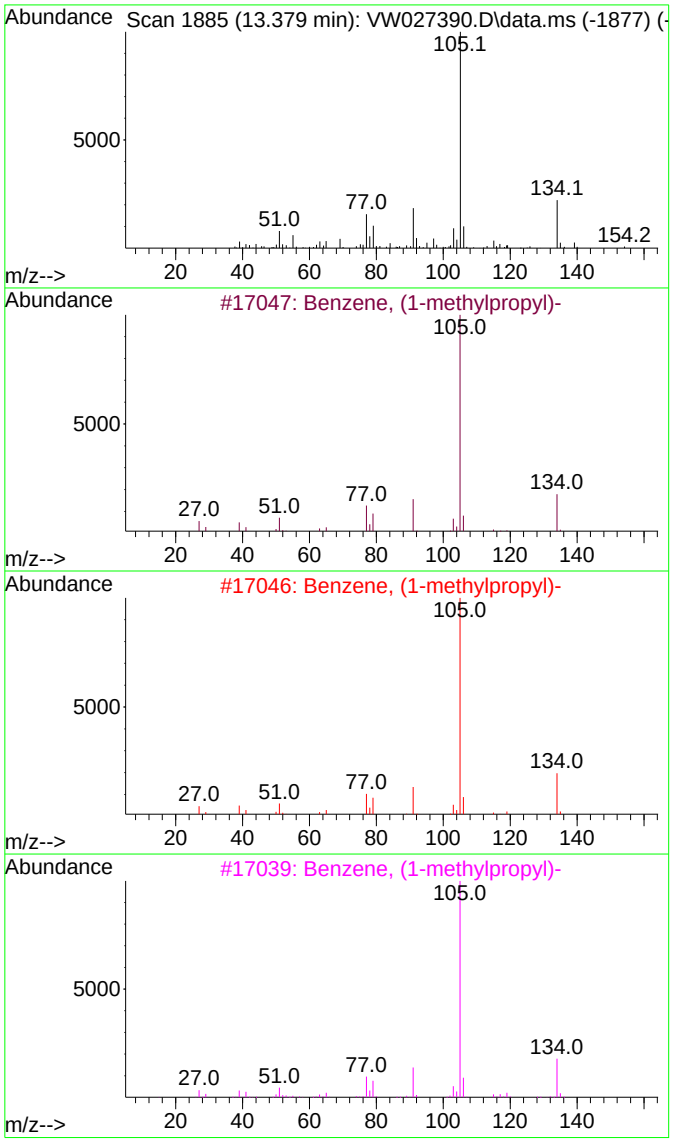
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

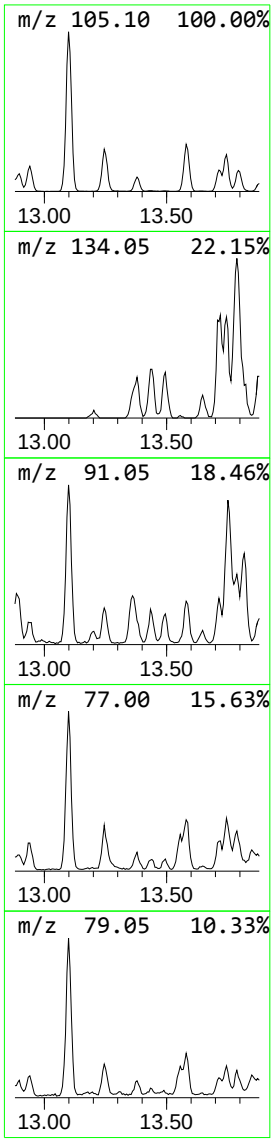
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (1-methylpropyl)- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.379	1.67 ug/L	59287	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	93
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87





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Data File : VW027390.D
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Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

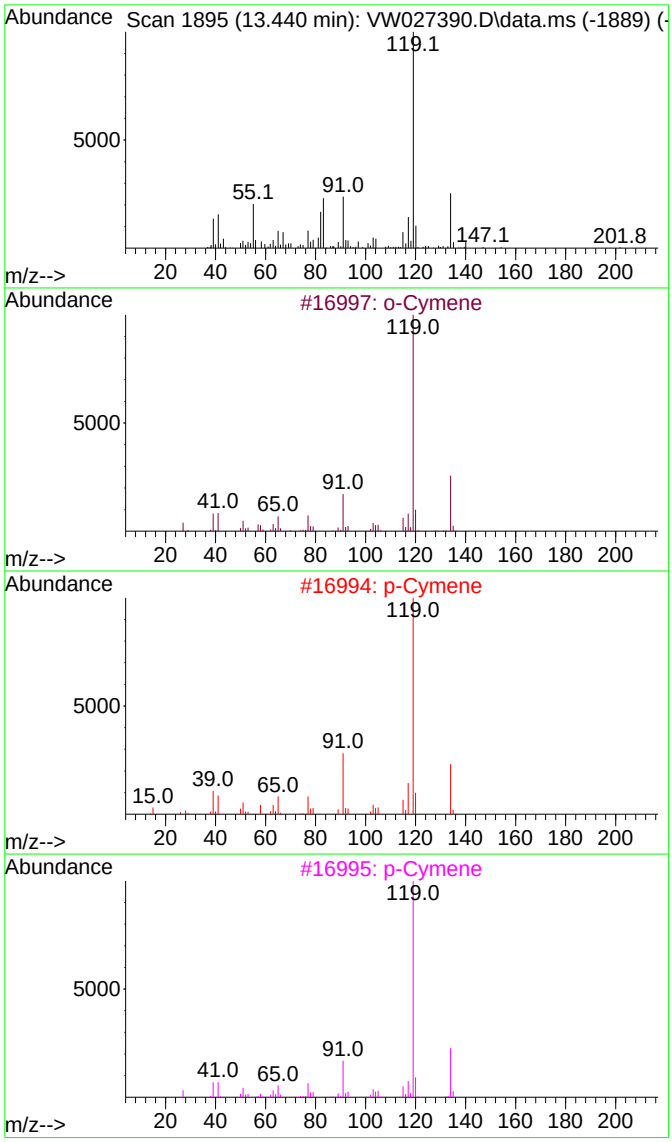
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

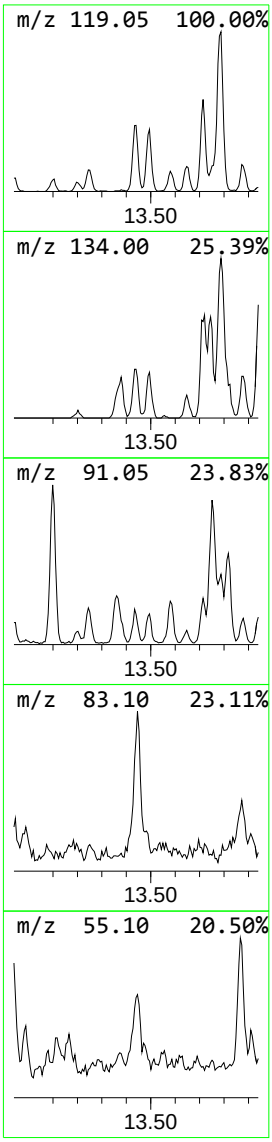
****

Peak Number 9 o-Cymene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	2.28 ug/L	81292	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

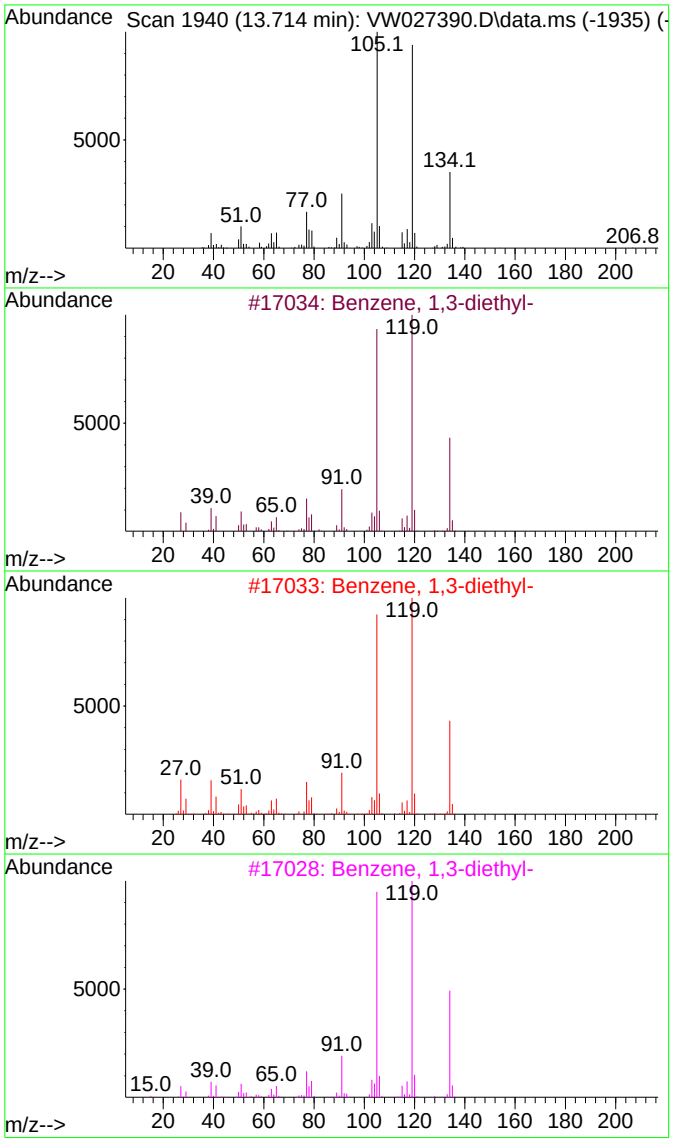
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

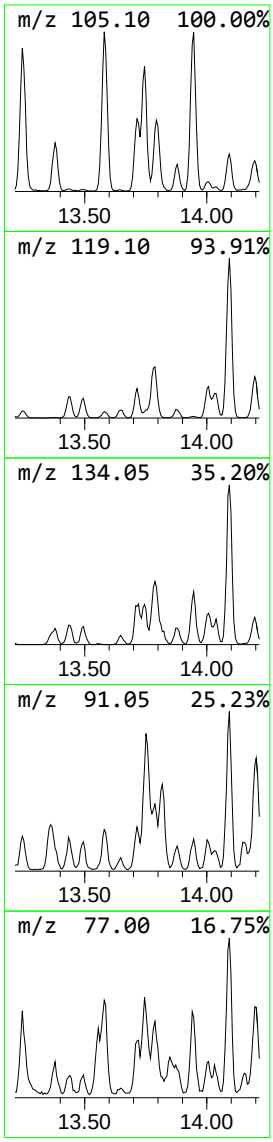
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.714	3.07 ug/L	109395	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	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

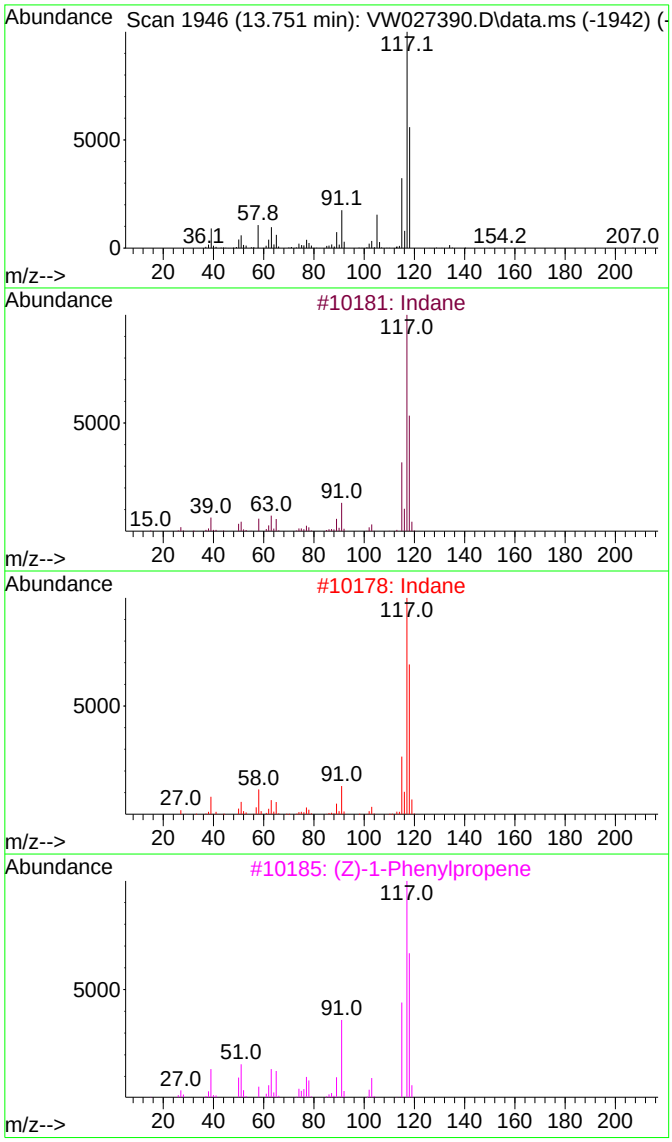
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

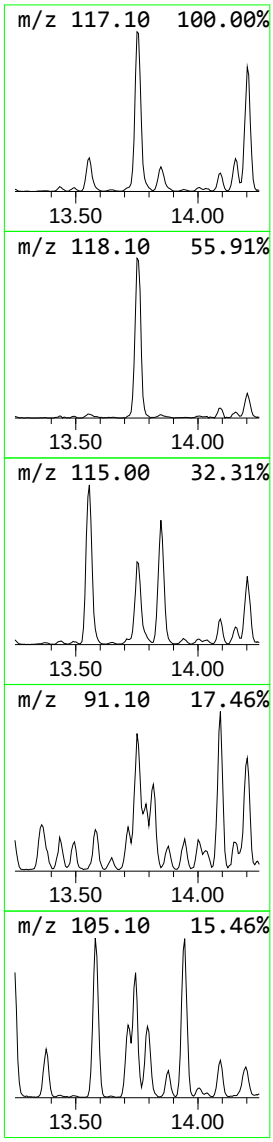
****

Peak Number 12 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	9.54 ug/L	339392	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	76
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	68
4	Indane	118	C9H10	000496-11-7	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

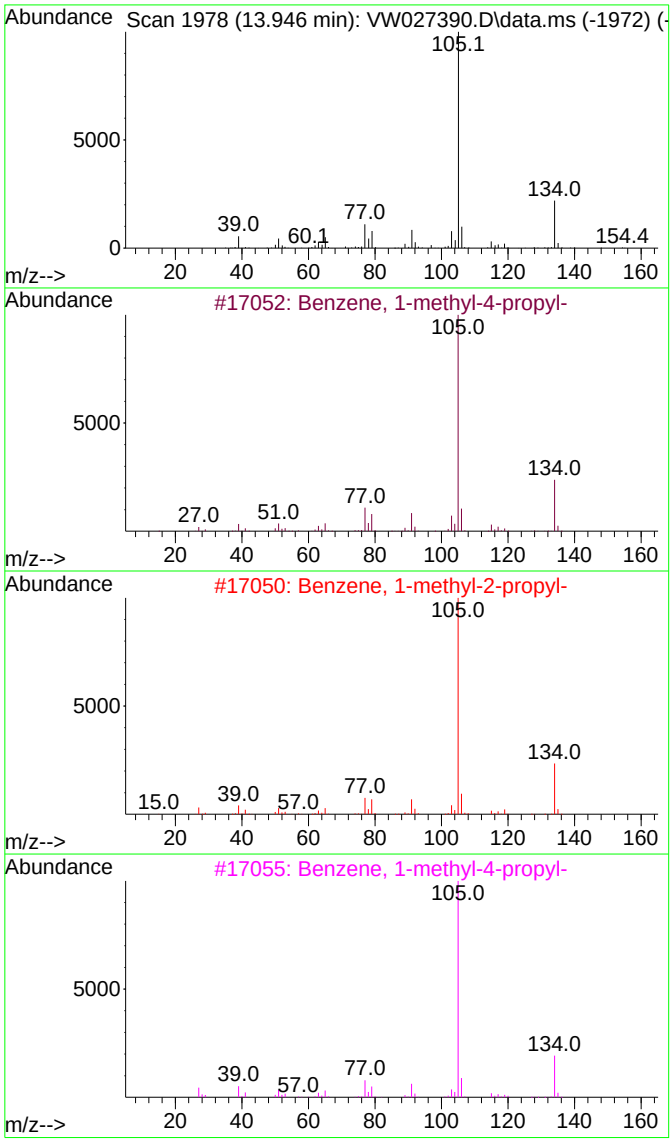
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

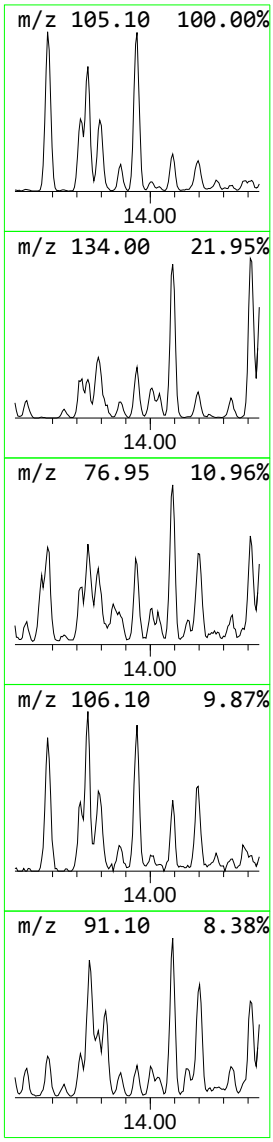
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.946	3.38 ug/L	120291	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	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
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\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

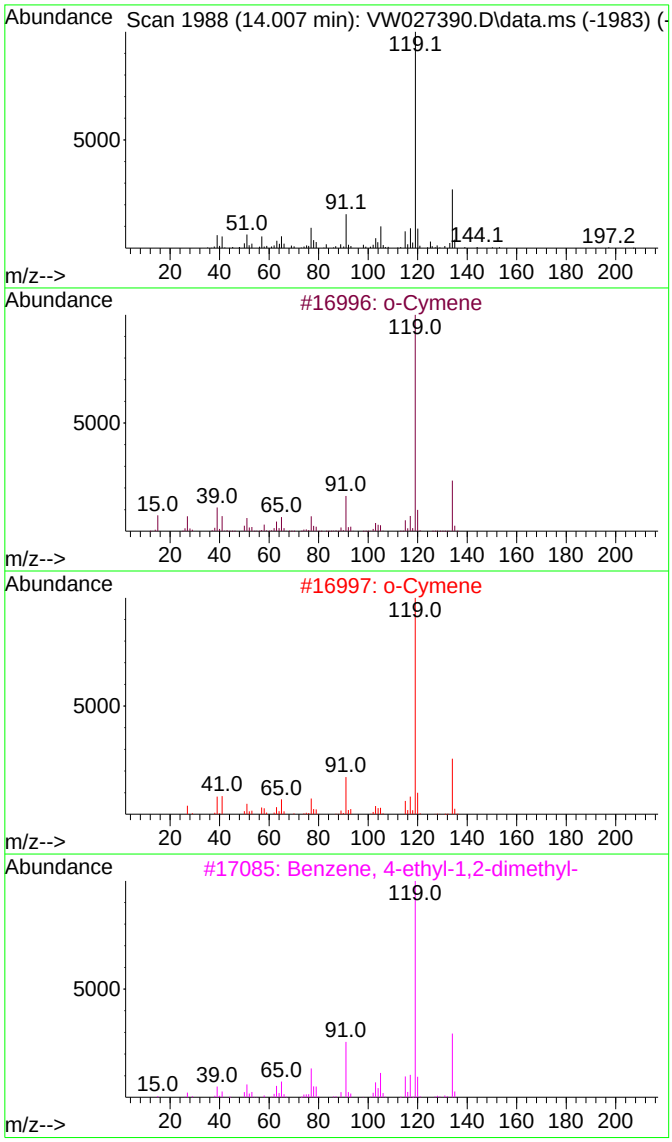
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

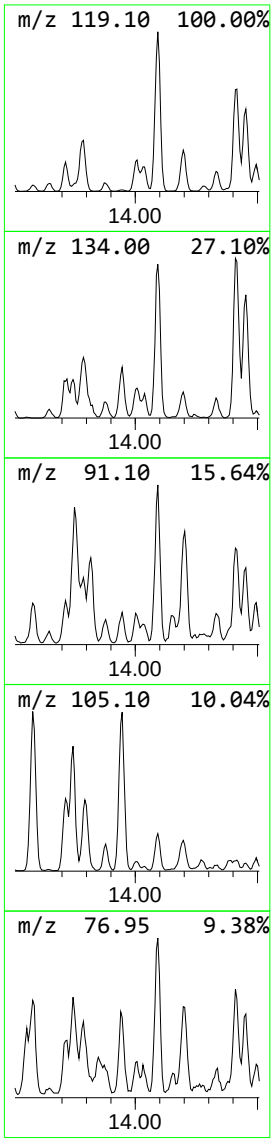
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	1.91 ug/L	67934	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

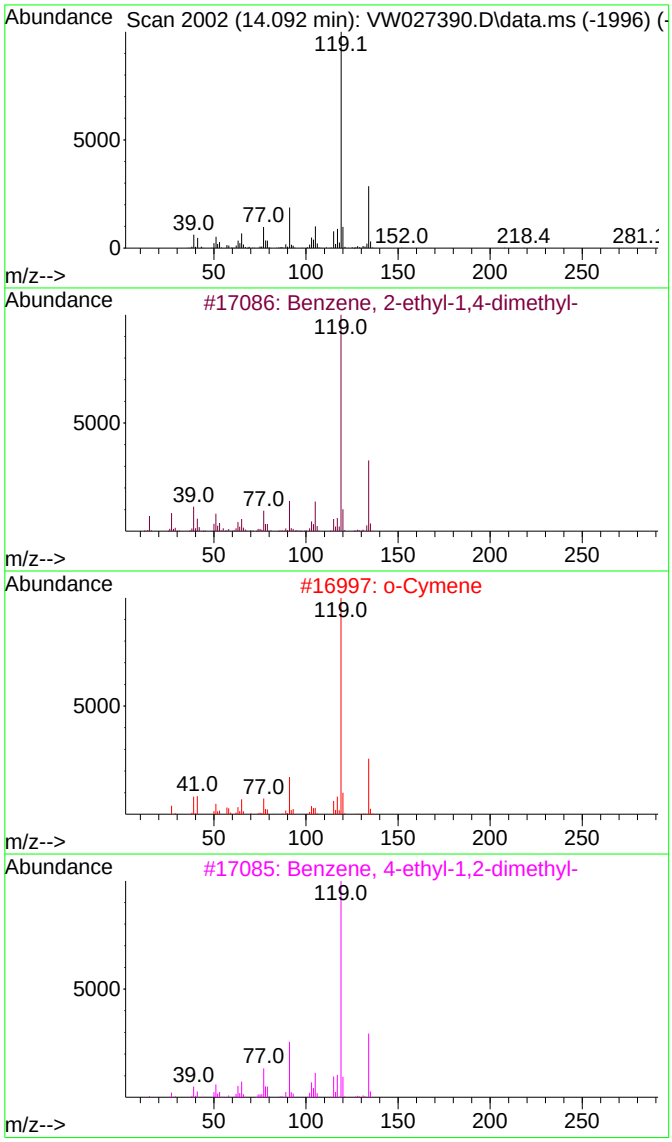
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

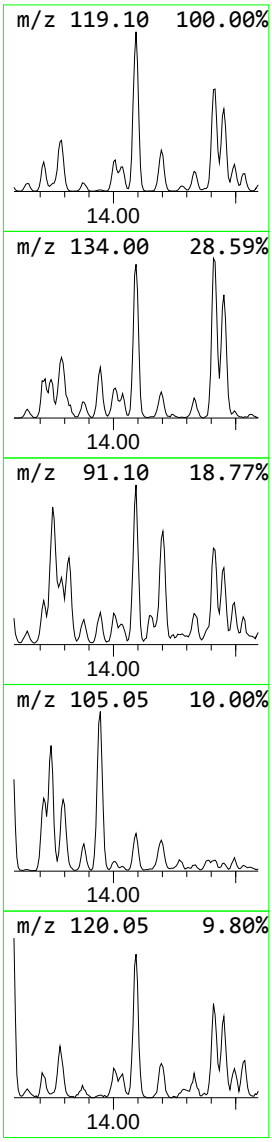
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	10.23 ug/L	363786	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

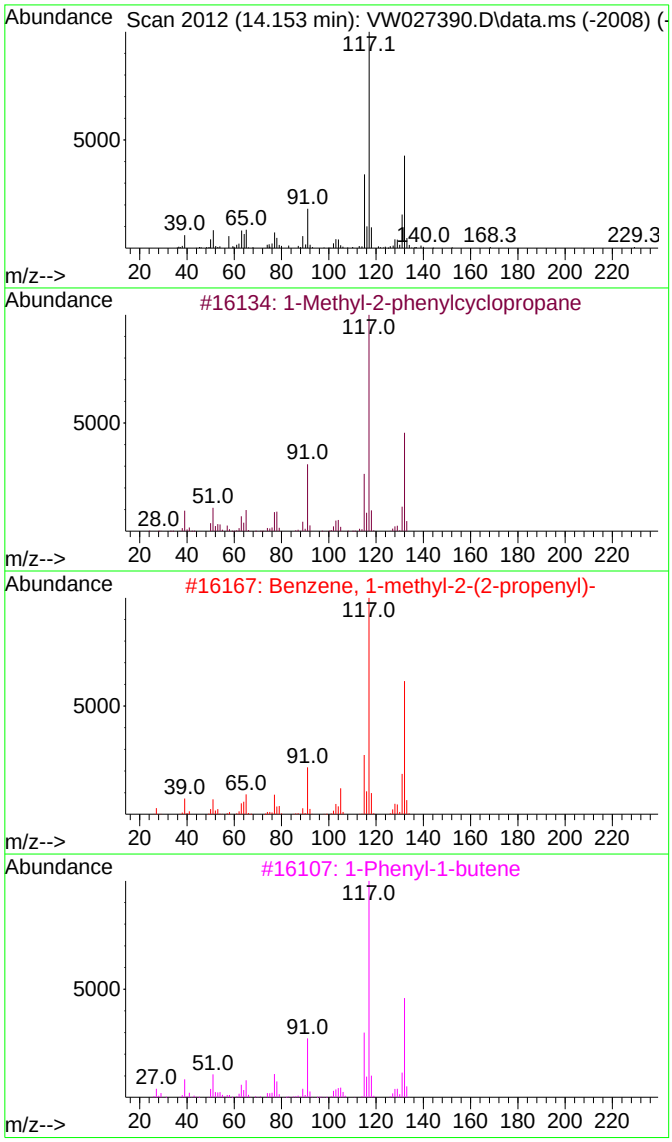
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

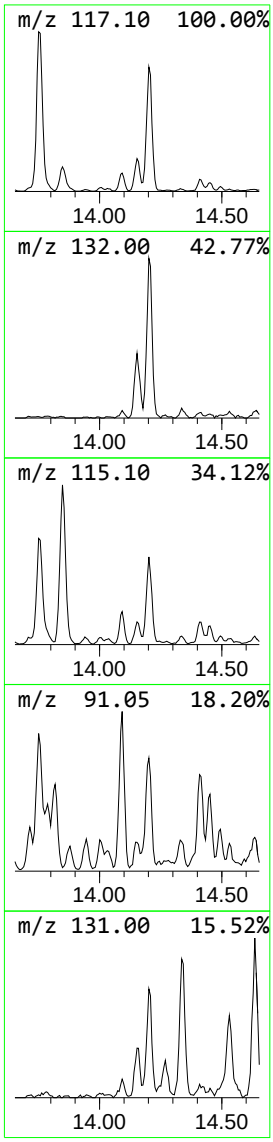
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1-Methyl-2-phenylcyclopropane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.153	1.48 ug/L	52773	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	95
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

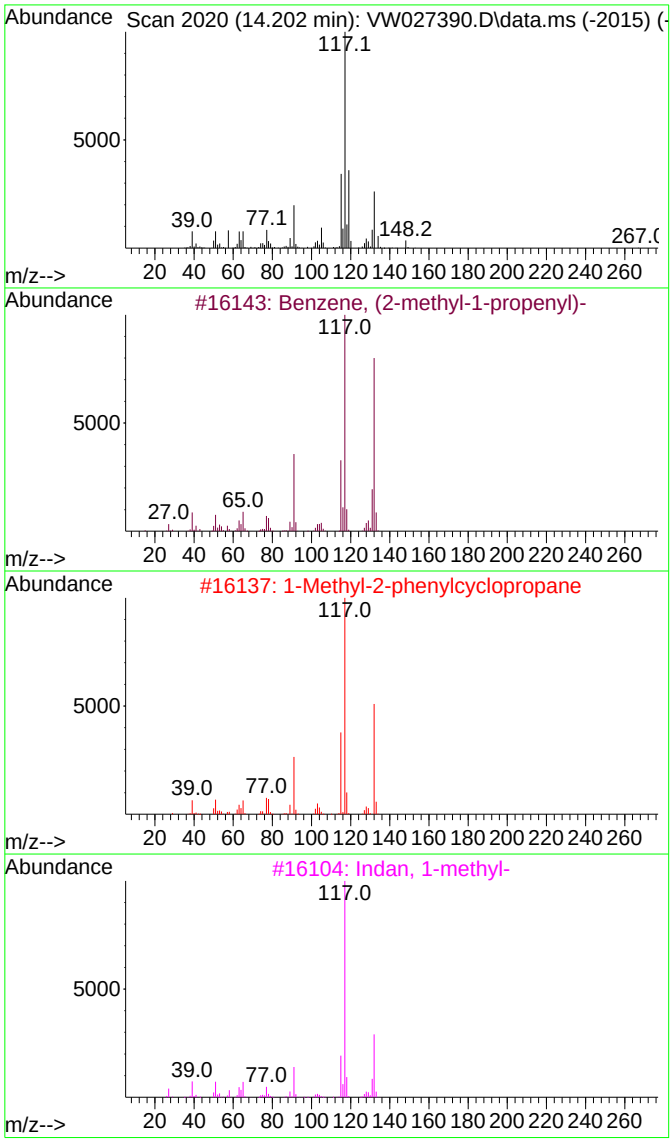
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

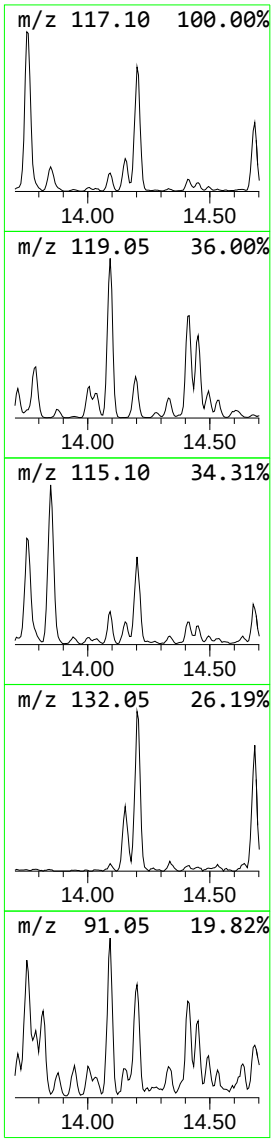
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, (2-methyl-1-propen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.202	9.08 ug/L	323115	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	76
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

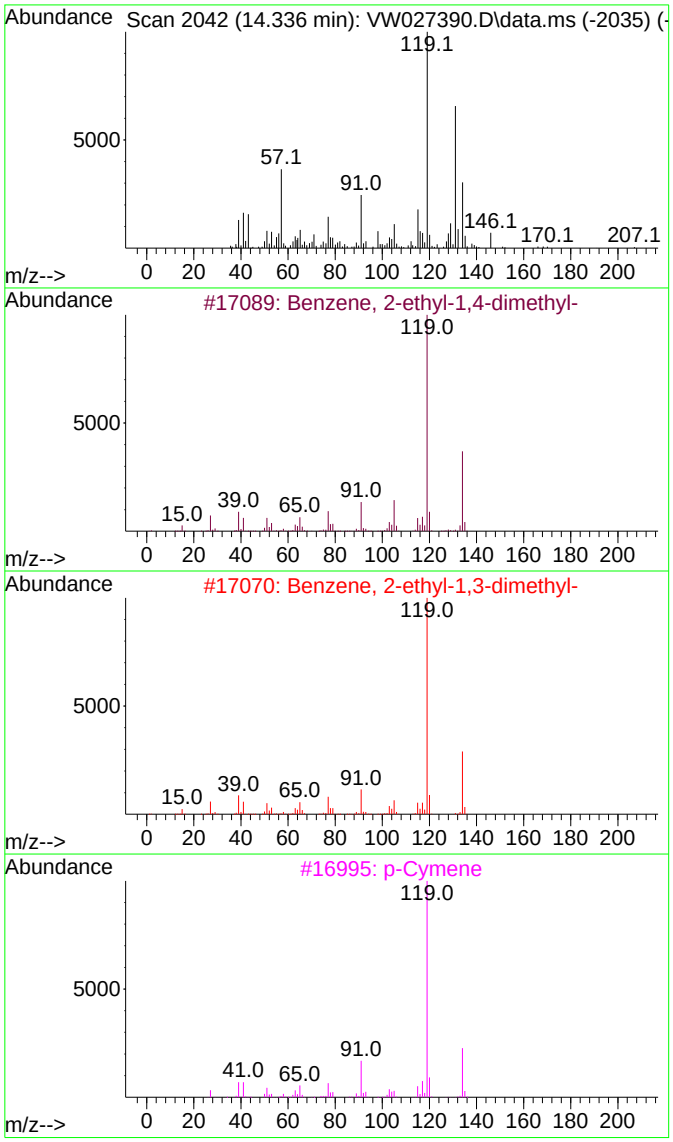
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

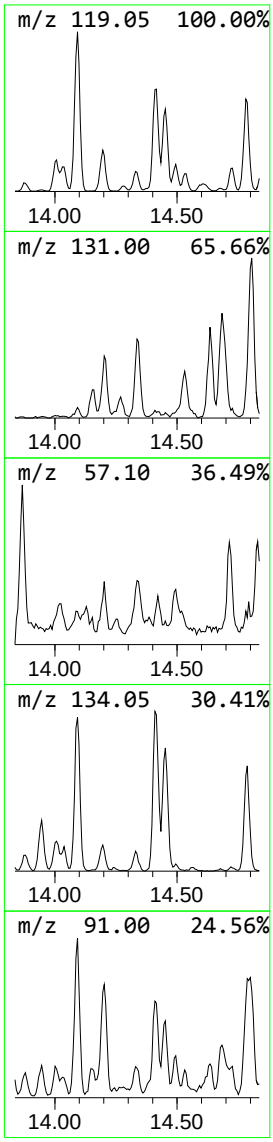
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.336	2.71 ug/L	96316	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	60
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
3	p-Cymene	134	C10H14	000099-87-6	60
4	o-Cymene	134	C10H14	000527-84-4	53
5	o-Cymene	134	C10H14	000527-84-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

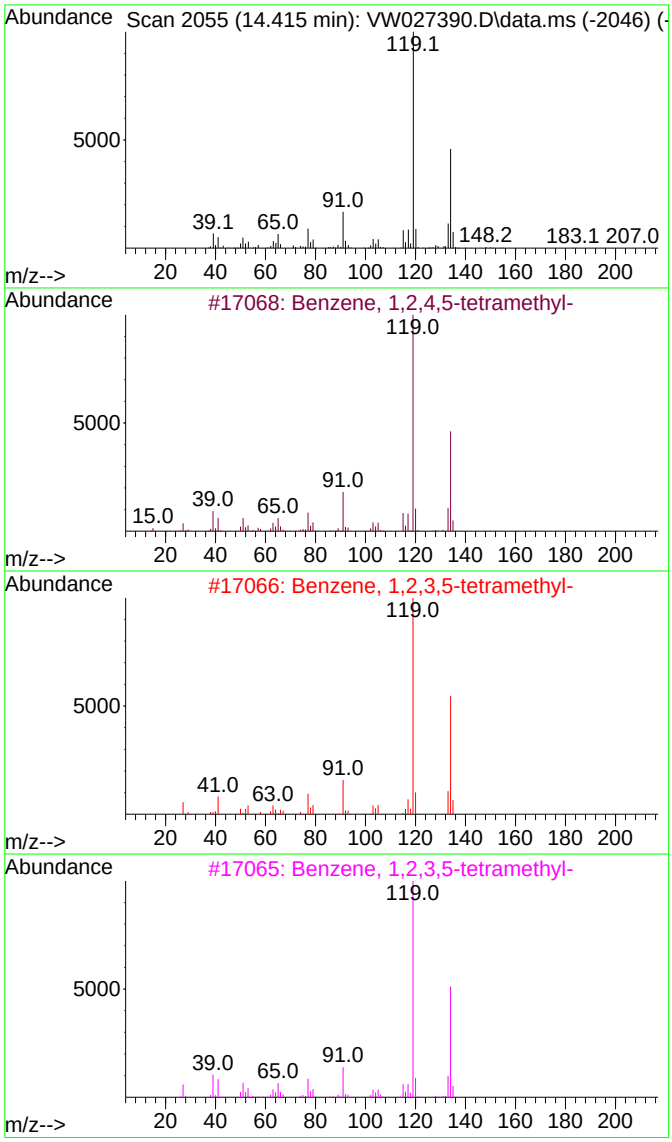
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

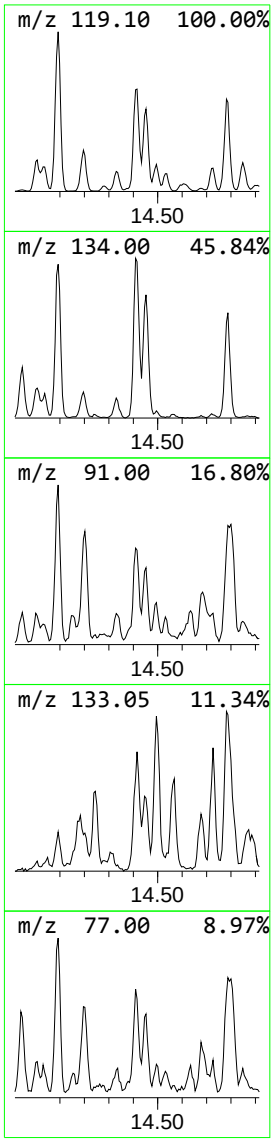
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.415	8.95 ug/L	318460	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	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

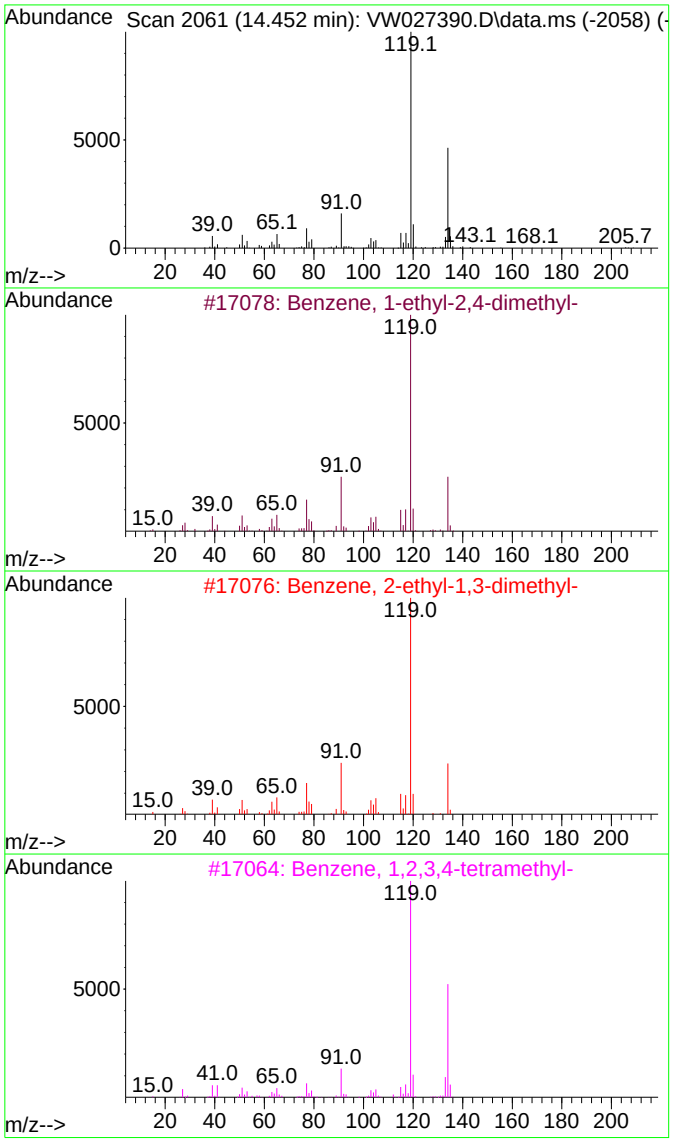
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

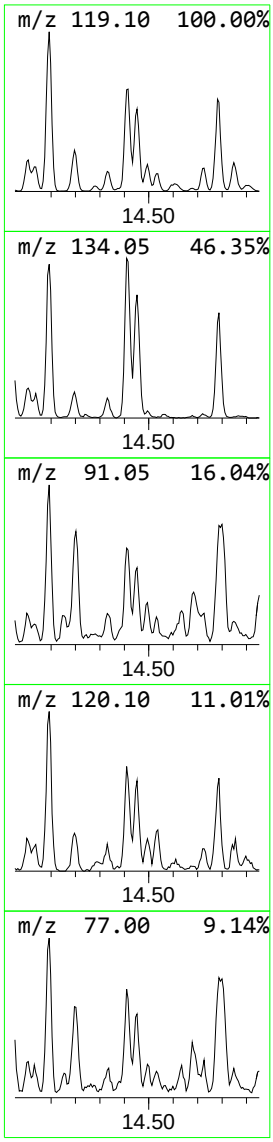
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	4.70 ug/L	167298	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

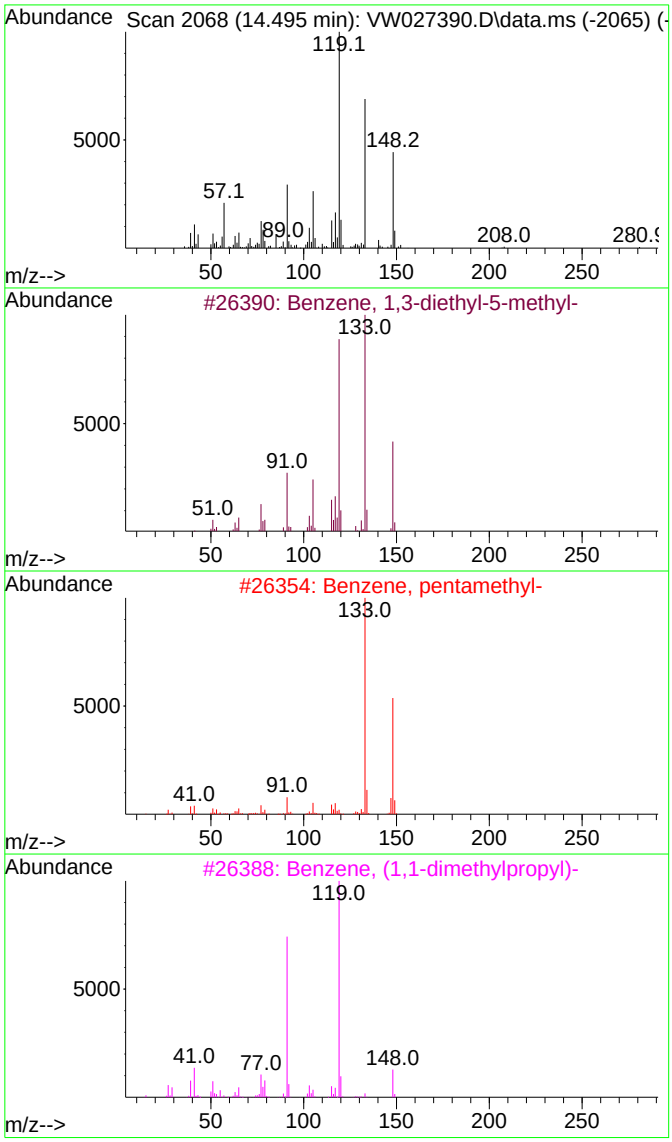
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

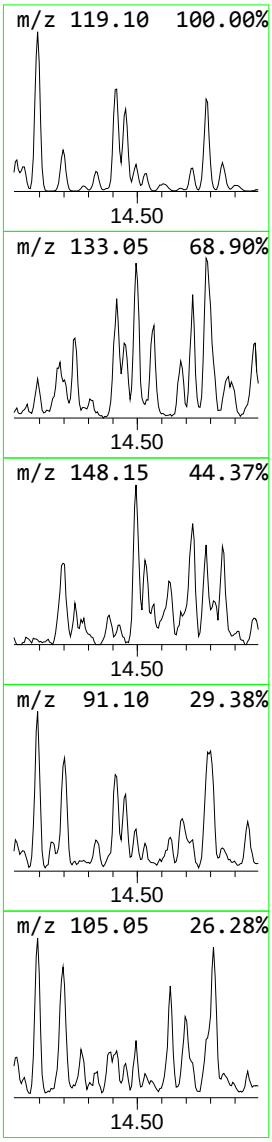
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	1.70 ug/L	60593	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	64
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	60
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
4	Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	49
5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	49





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Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

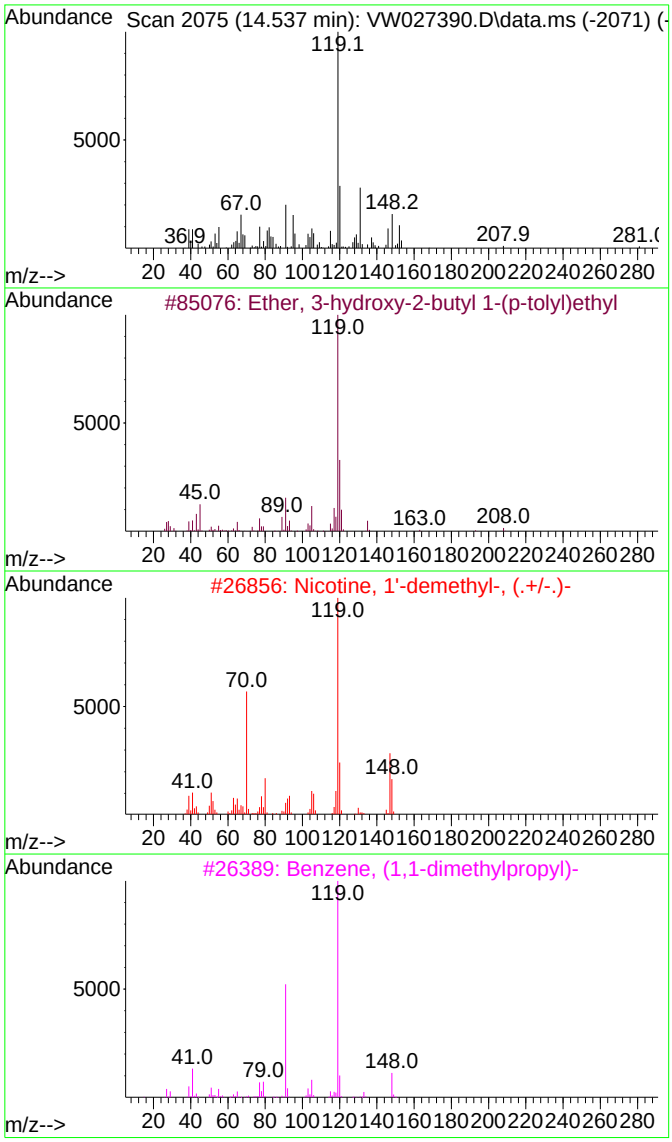
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

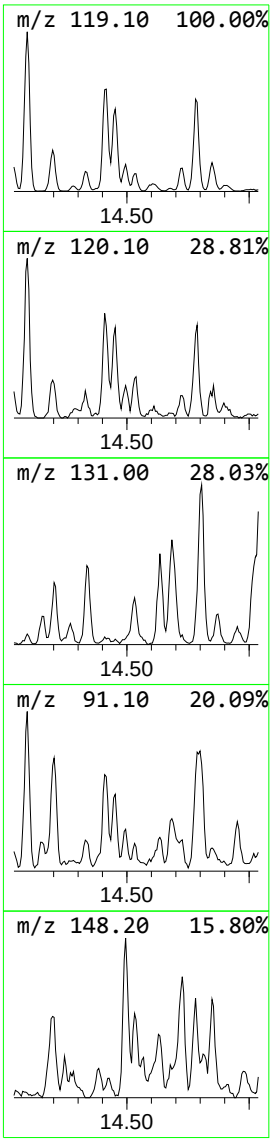
****

Peak Number 22 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.537	2.07 ug/L	73815	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, 3-hydroxy-2-butyl 1-(p-to...	208	C13H20O2	1000149-41-9	47
2	Nicotine, 1'-demethyl-, (.+/-.)-	148	C9H12N2	005746-86-1	43
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	43





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Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

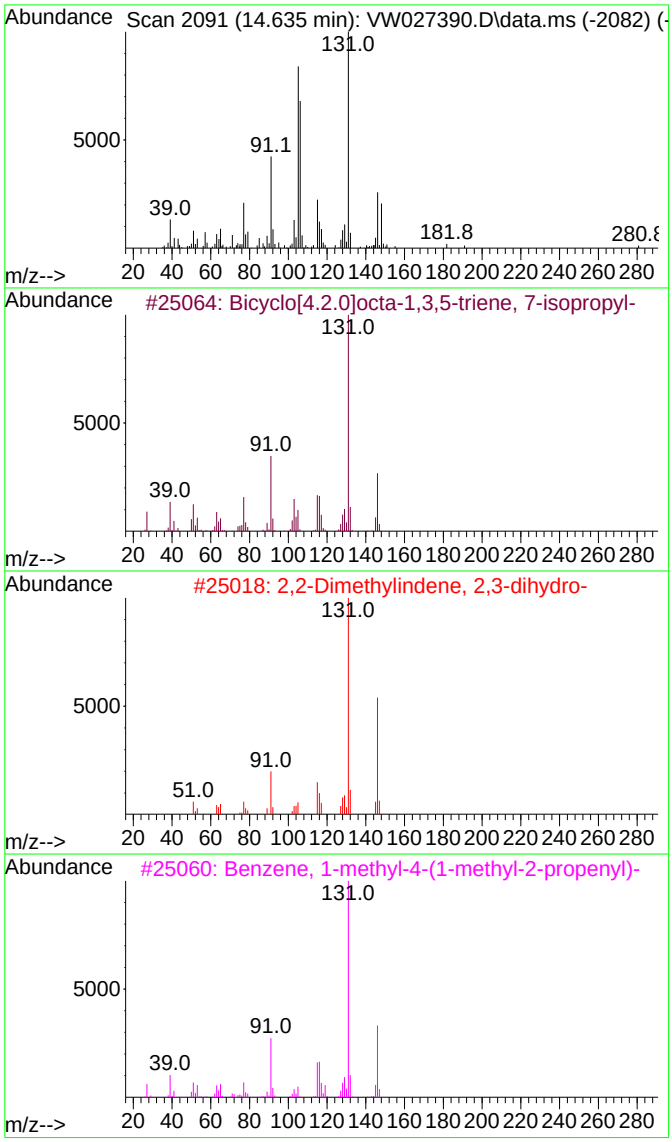
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

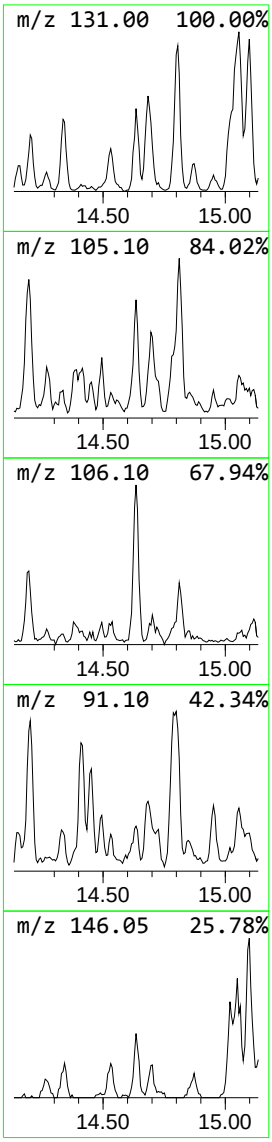
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.635	1.93 ug/L	68622	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	55
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	55
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	50
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	46





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Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

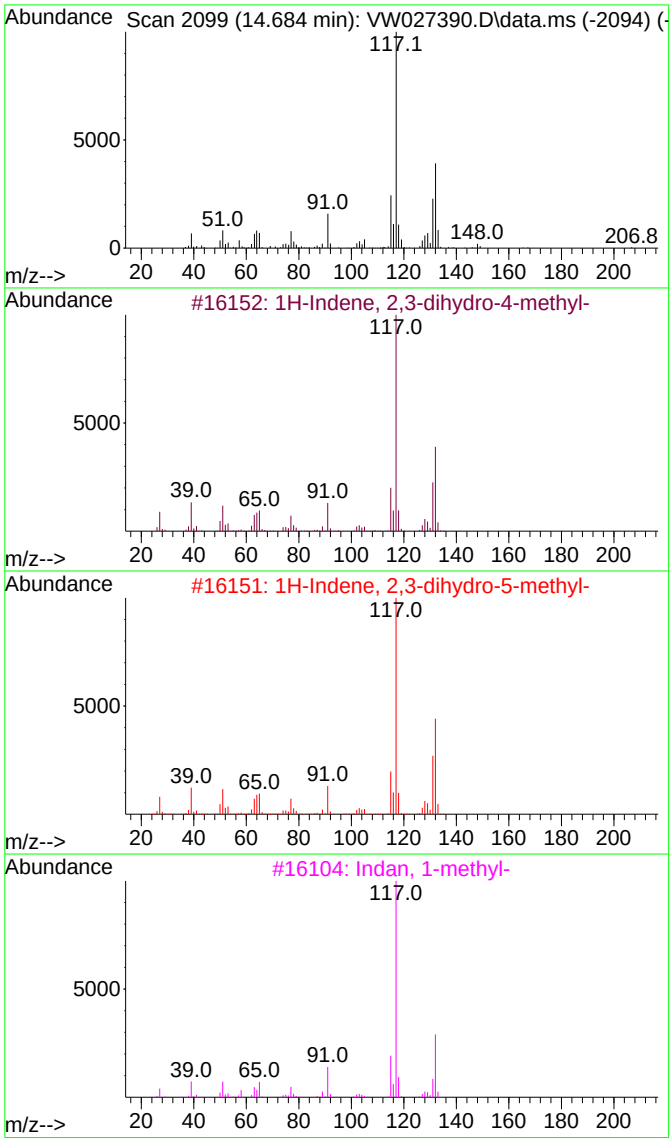
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

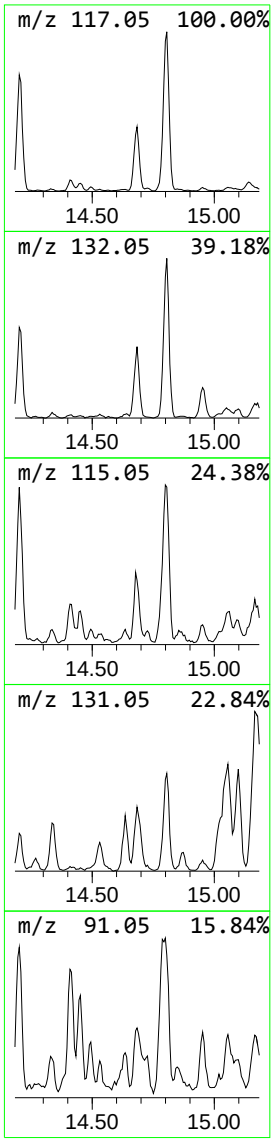
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	4.57 ug/L	162608	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	86
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

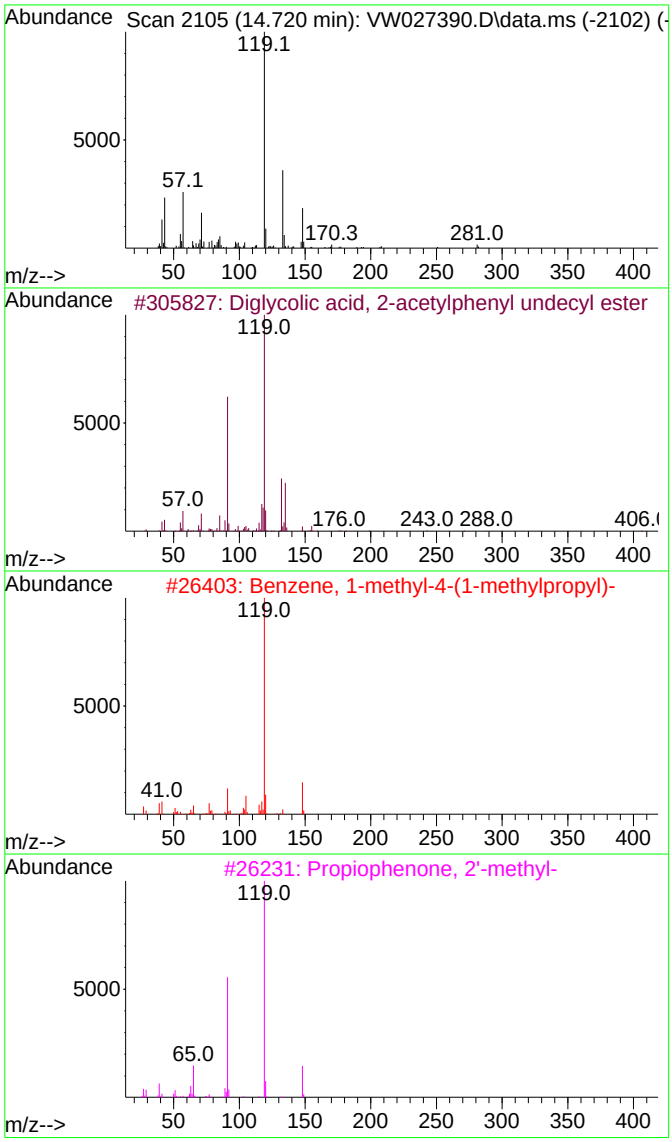
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

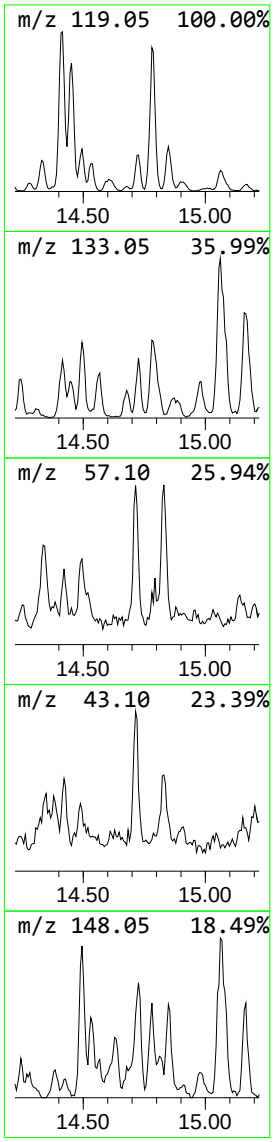
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Diglycolic acid, 2-acetylph... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.720	2.87 ug/L	102117	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diglycolic acid, 2-acetylphenyl ...	406	C23H34O6	1000382-72-7	53
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	52
3	Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	50
4	p-Toluric acid	193	C10H11NO3	027115-50-0	50
5	o-Toluylamide, N-(2-phenylethyl)...	281	C19H23NO	1000451-65-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

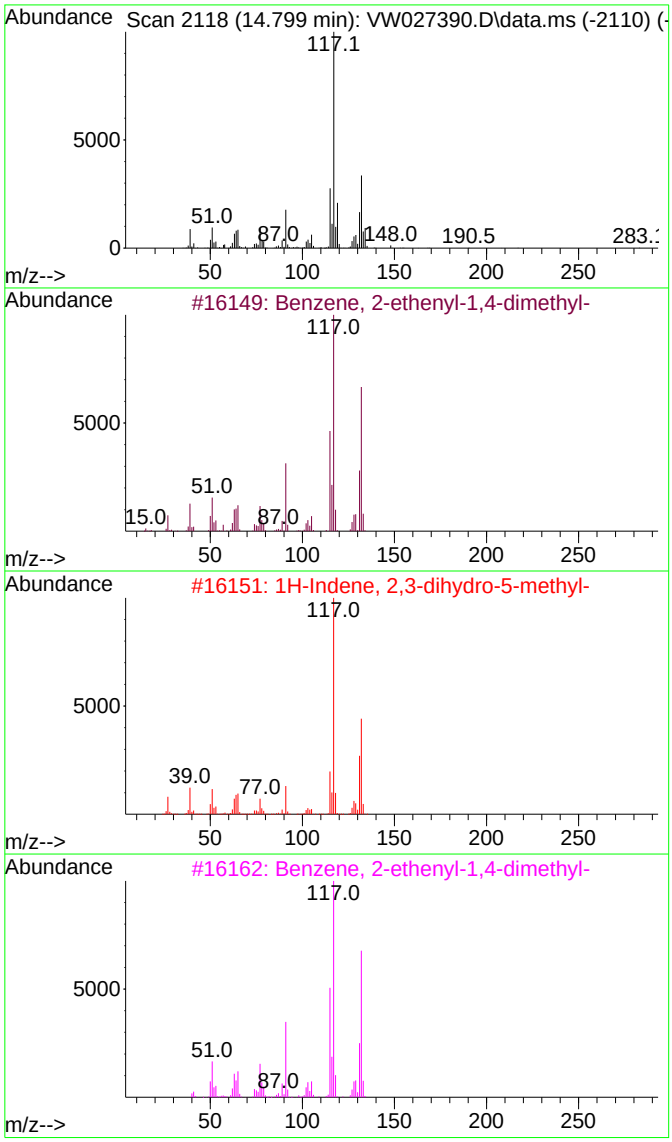
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

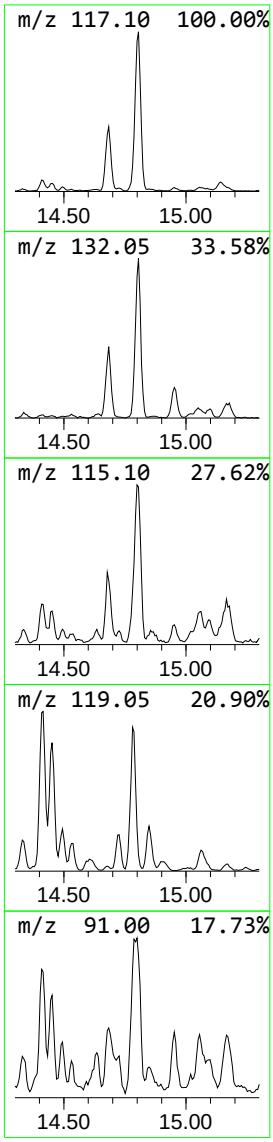
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.799	18.25 ug/L	649342	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

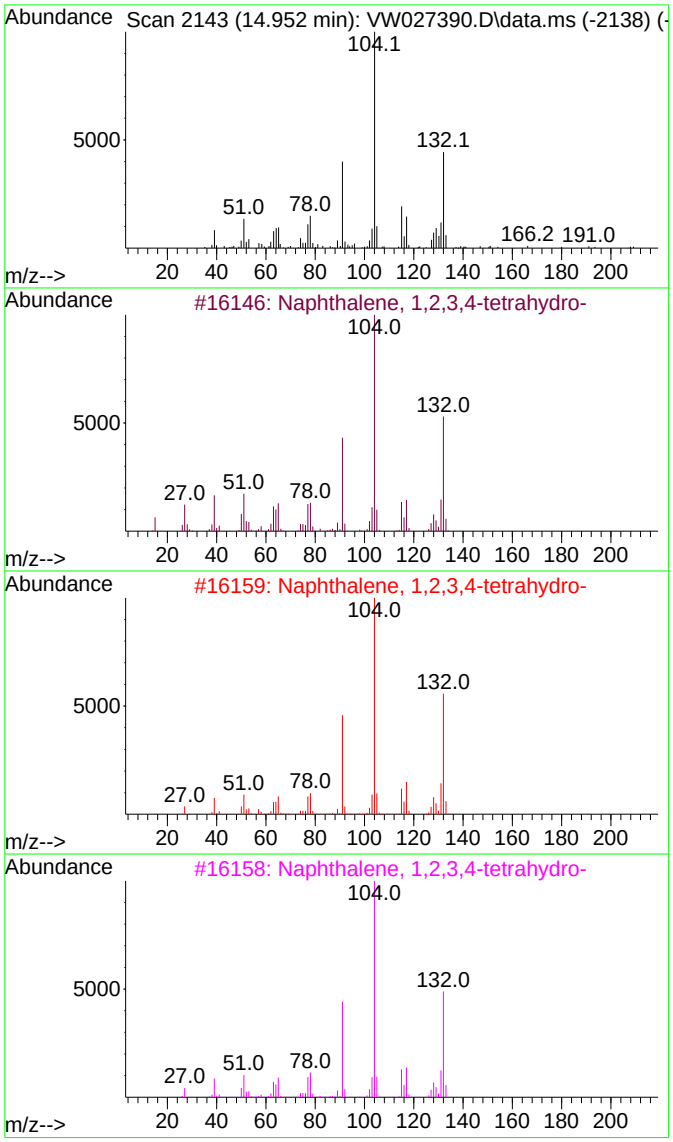
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

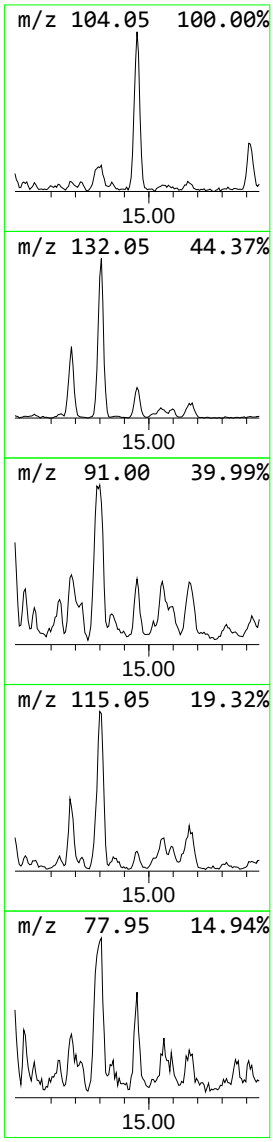
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	1.92 ug/L	68214	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	95
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

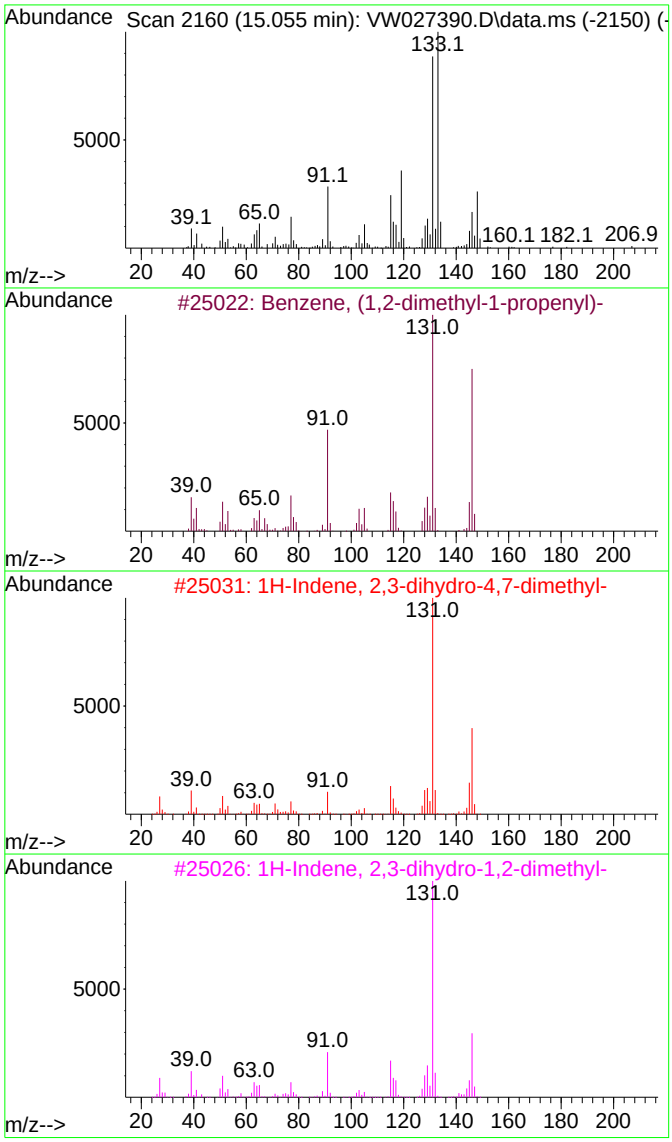
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

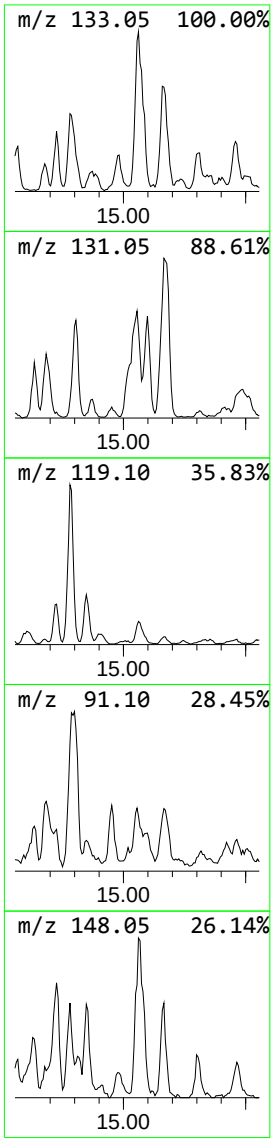
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	5.55 ug/L	197381	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	64
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	62
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

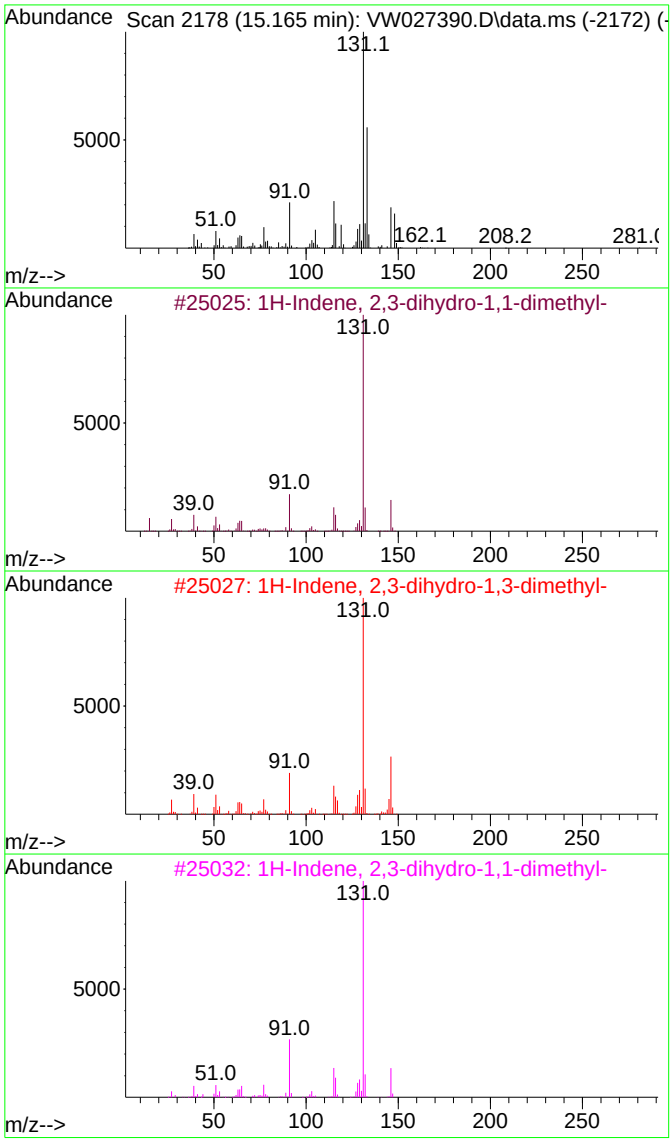
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

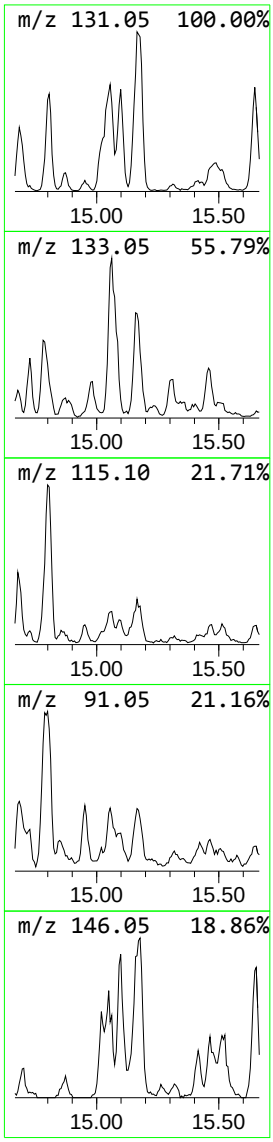
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.165	5.29 ug/L	188140	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	60
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	60
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	58
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

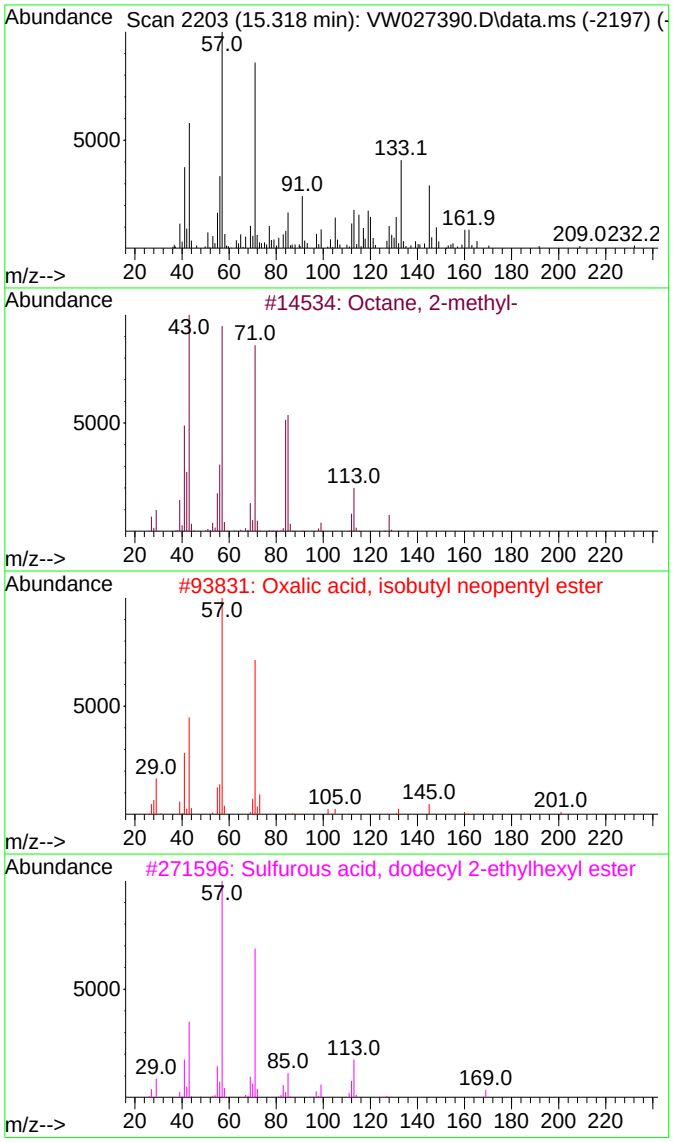
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

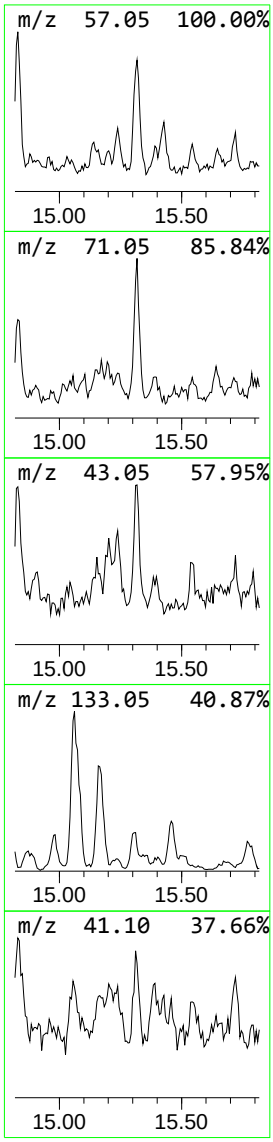
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	2.02 ug/L	71891	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	41
2	Oxalic acid, isobutyl neopentyl ...	216	C11H20O4	1000309-72-6	35
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	30
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	30
5	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

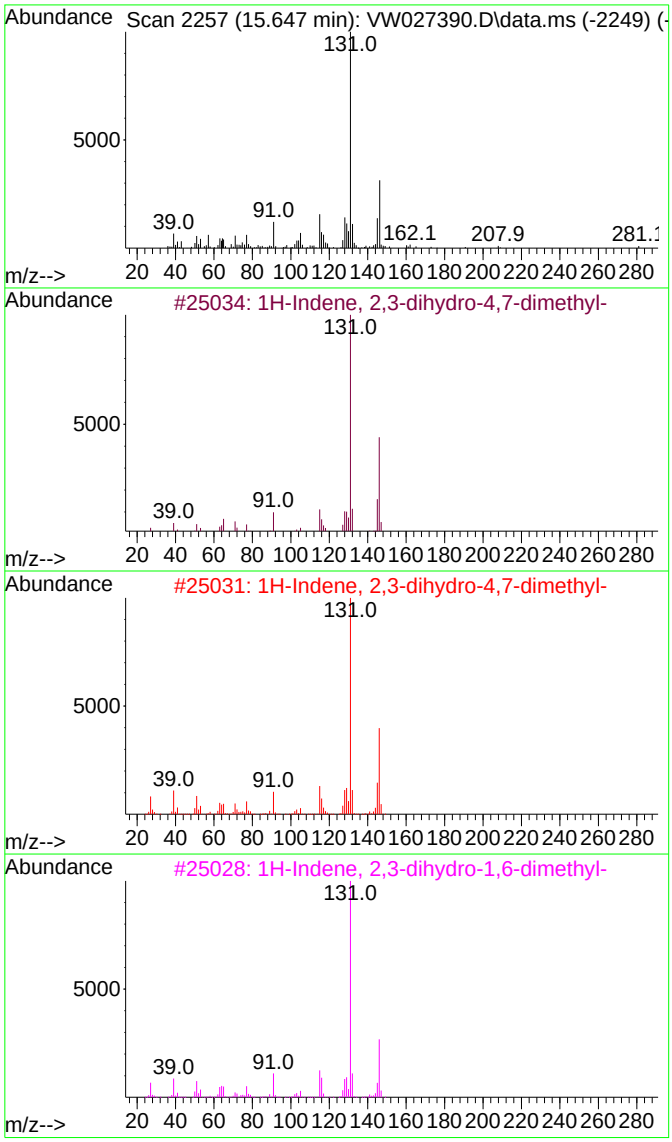
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

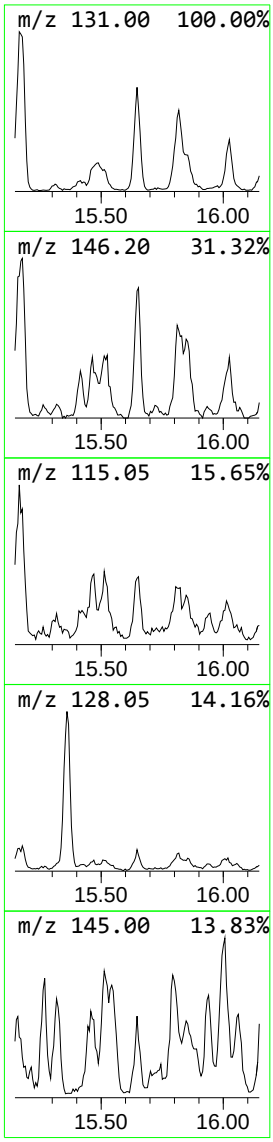
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.647	2.95 ug/L	105068	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	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

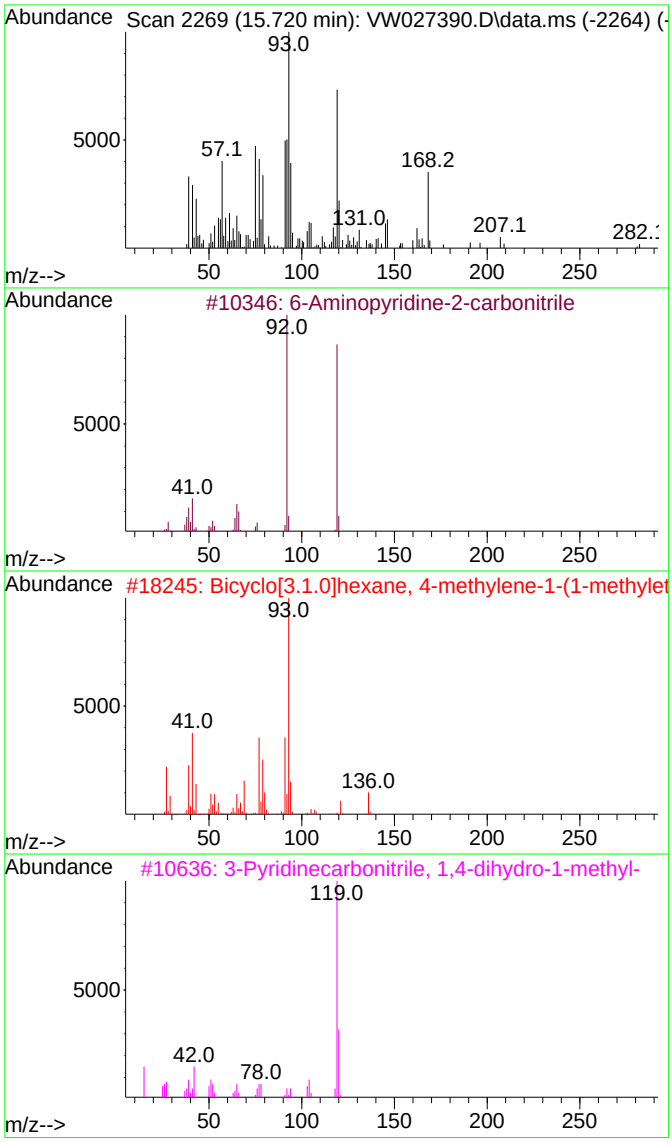
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

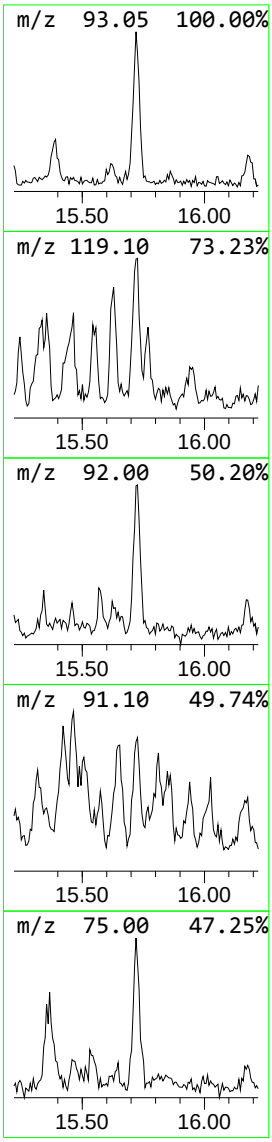
****

Peak Number 32 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	2.02 ug/L	71863	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Aminopyridine-2-carbonitrile	119	C6H5N3	1000191-13-9	22
2	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	22
3	3-Pyridinecarbonitrile, 1,4-dihy...	120	C7H8N2	019424-15-8	14
4	Pyridine, 2-(2-methylpropyl)-	135	C9H13N	006304-24-1	14
5	2-(Pyridin-2-yl)ethanimidamide	135	C7H9N3	051451-47-9	11





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Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

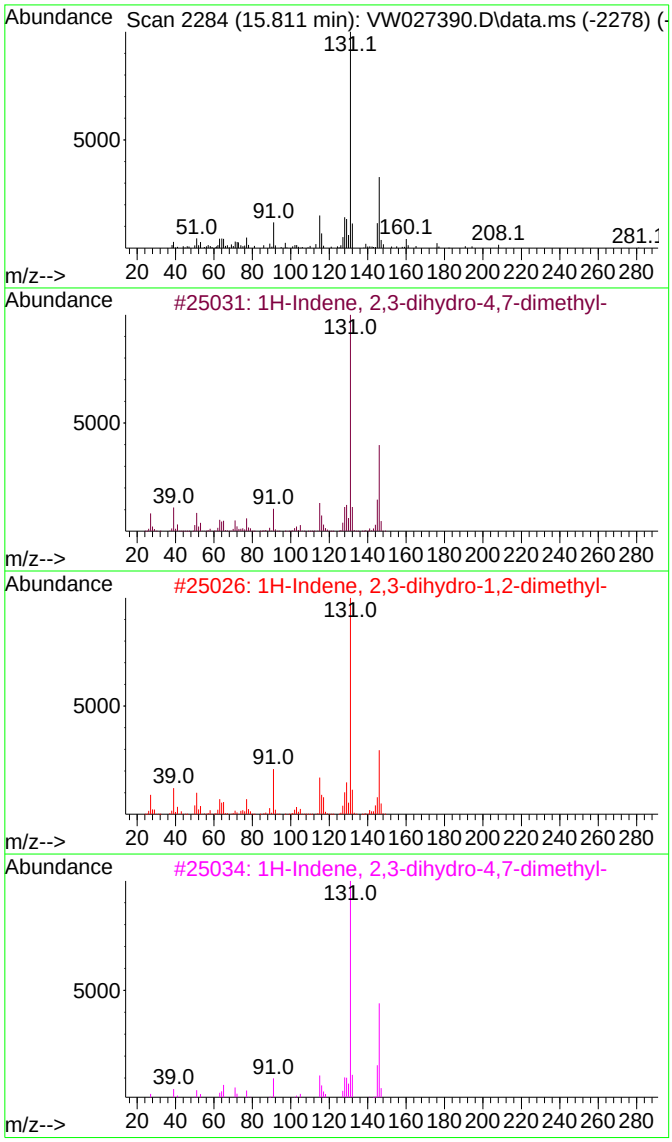
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

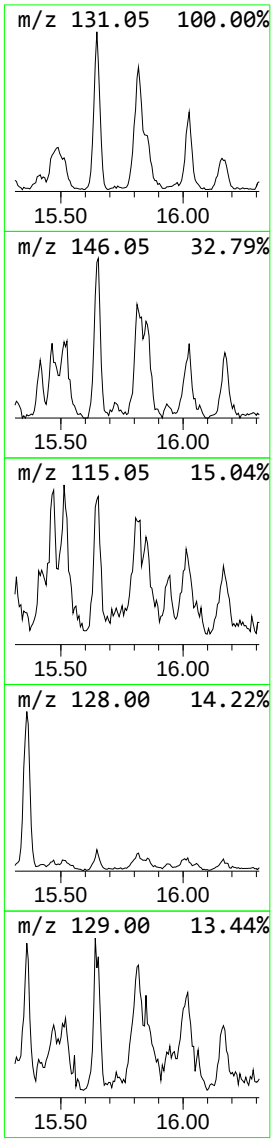
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.811	2.27 ug/L	80755	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	97
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

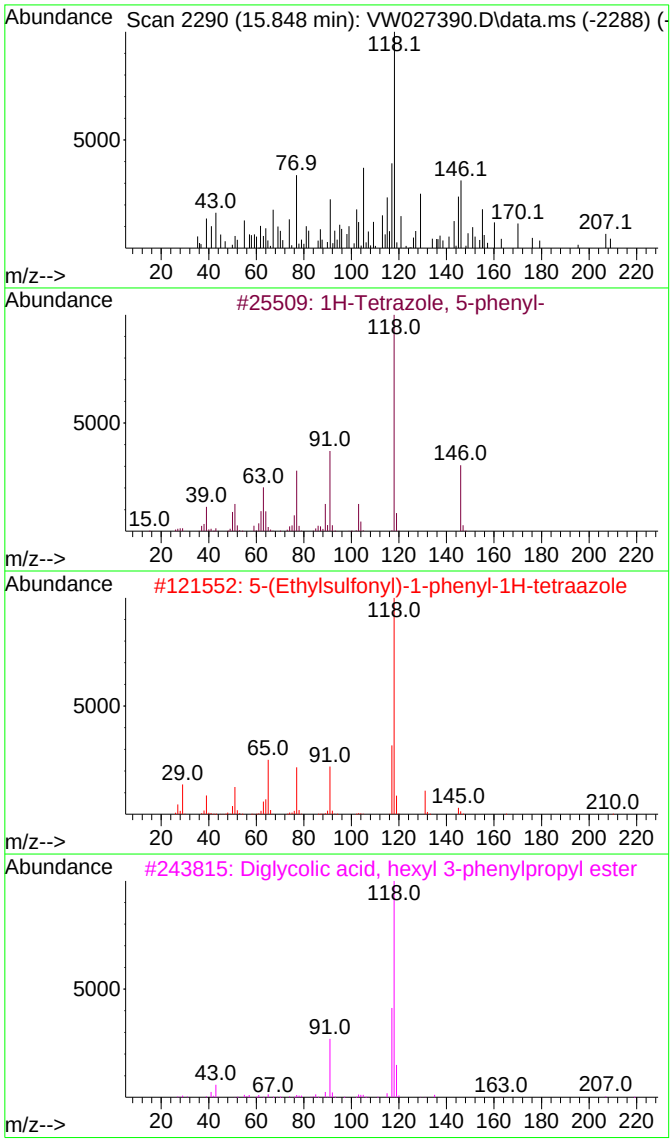
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

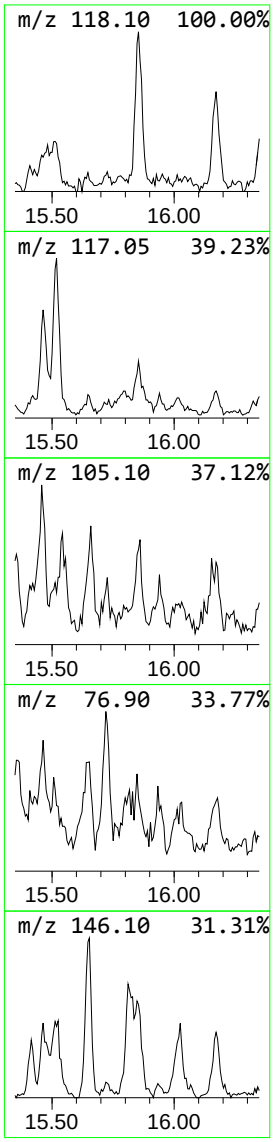
****

Peak Number 34 unknown-03 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.848	1.45 ug/L	51689	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Tetrazole, 5-phenyl-	146	C7H6N4	018039-42-4	46
2	5-(Ethylsulfonyl)-1-phenyl-1H-te...	238	C9H10N4O2S	003206-46-0	38
3	Diglycolic acid, hexyl 3-phenylp...	336	C19H28O5	1000382-17-5	35
4	Diglycolic acid, octyl 3-phenylp...	364	C21H32O5	1000382-17-7	35
5	Dimethylmalonic acid, 3-phenylpr...	292	C17H24O4	1010361-83-0	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

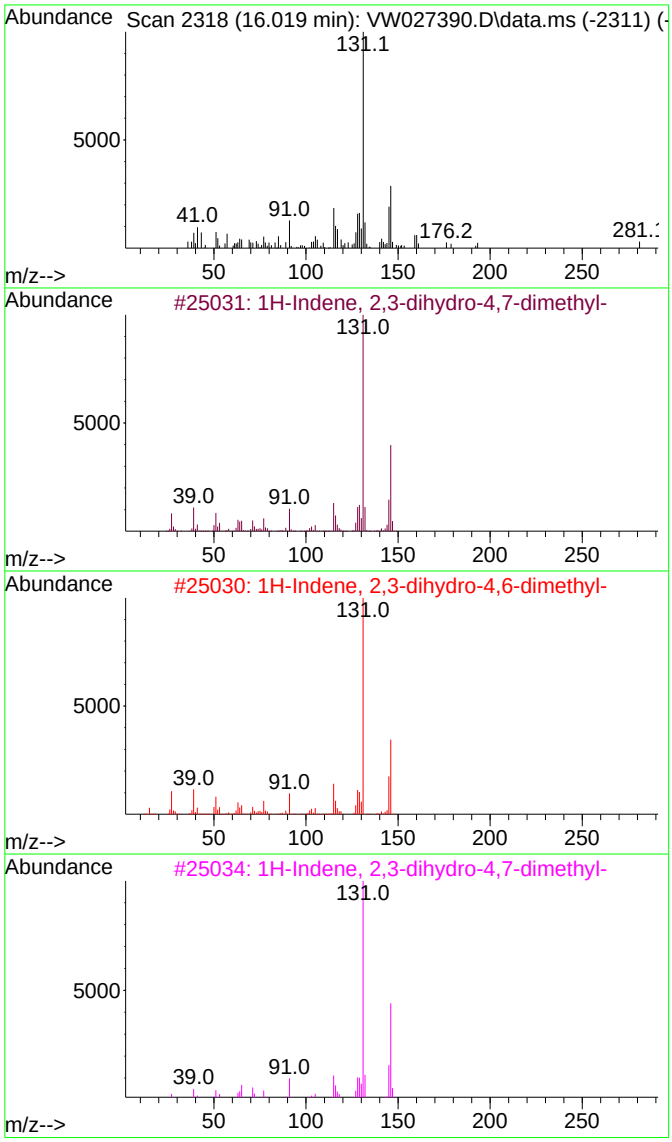
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

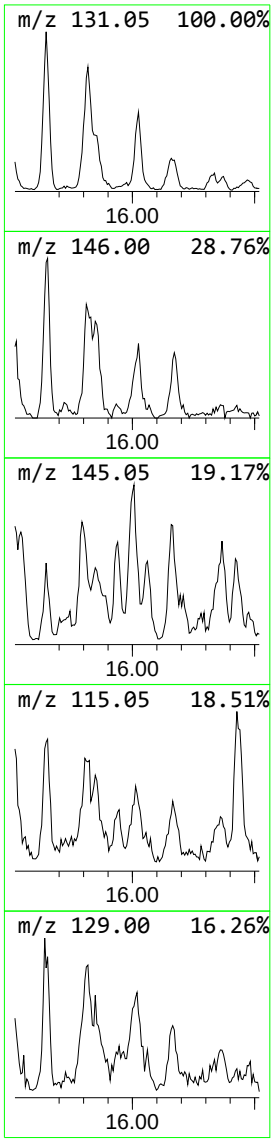
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.019	1.38 ug/L	49273	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	93
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

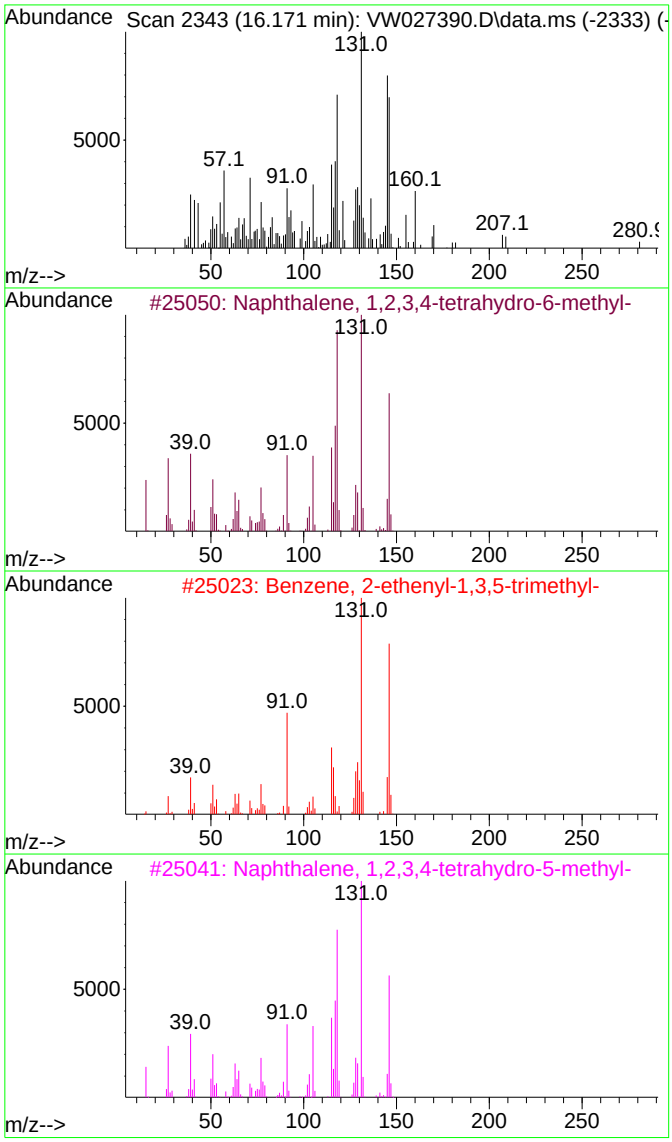
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

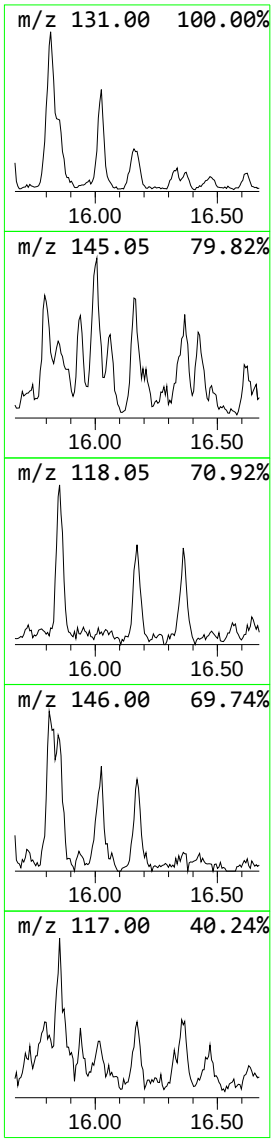
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.171	3.11 ug/L	110651	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	78
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027390.D
Acq On : 23 Oct 2023 13:10
Operator : SY/MD
Sample : 04922-03
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.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
Benzene, propyl-	12.800	5.9	ug/L	210589	3	13.556	889428	25.0
Benzene, 1-ethy...	12.861	3.0	ug/L	107073	3	13.556	889428	25.0
Benzene, 1,2,3-...	13.099	15.2	ug/L	540925	3	13.556	889428	25.0
Benzene, (1-met...	13.379	1.7	ug/L	59287	3	13.556	889428	25.0
o-Cymene	13.440	2.3	ug/L	81292	3	13.556	889428	25.0
Benzene, 1,3-di...	13.714	3.1	ug/L	109395	3	13.556	889428	25.0
Indane	13.751	9.5	ug/L	339392	3	13.556	889428	25.0
Benzene, 1-meth...	13.946	3.4	ug/L	120291	3	13.556	889428	25.0
Benzene, 1-ethy...	14.007	1.9	ug/L	67934	3	13.556	889428	25.0
Benzene, 4-ethy...	14.092	10.2	ug/L	363786	3	13.556	889428	25.0
1-Methyl-2-phen...	14.153	1.5	ug/L	52773	3	13.556	889428	25.0
Benzene, (2-met...	14.202	9.1	ug/L	323115	3	13.556	889428	25.0
Benzene, 2-ethy...	14.336	2.7	ug/L	96316	3	13.556	889428	25.0
Benzene, 1,2,4,...	14.415	8.9	ug/L	318460	3	13.556	889428	25.0
Benzene, 2-ethy...	14.452	4.7	ug/L	167298	3	13.556	889428	25.0
Benzene, 1,3-di...	14.495	1.7	ug/L	60593	3	13.556	889428	25.0
unknown-01	14.537	2.1	ug/L	73815	3	13.556	889428	25.0
Bicyclo[4.2.0]o...	14.635	1.9	ug/L	68622	3	13.556	889428	25.0
1H-Indene, 2,3-...	14.684	4.6	ug/L	162608	3	13.556	889428	25.0
Diglycolic acid...	14.720	2.9	ug/L	102117	3	13.556	889428	25.0
Benzene, 2-ethe...	14.799	18.3	ug/L	649342	3	13.556	889428	25.0
Naphthalene, 1,...	14.952	1.9	ug/L	68214	3	13.556	889428	25.0
Benzene, (1,2-d...	15.056	5.5	ug/L	197381	3	13.556	889428	25.0
1H-Indene, 2,3-...	15.165	5.3	ug/L	188140	3	13.556	889428	25.0
(DEL) Alkane: S...	15.318	2.0	ug/L	71891	3	13.556	889428	25.0
1H-Indene, 2,3-...	15.647	3.0	ug/L	105068	3	13.556	889428	25.0
unknown-02	15.720	2.0	ug/L	71863	3	13.556	889428	25.0
1H-Indene, 2,3-...	15.811	2.3	ug/L	80755	3	13.556	889428	25.0
unknown-03	15.848	1.5	ug/L	51689	3	13.556	889428	25.0
1H-Indene, 2,3-...	16.019	1.4	ug/L	49273	3	13.556	889428	25.0
Naphthalene, 1,...	16.171	3.1	ug/L	110651	3	13.556	889428	25.0