LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

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\SFAMWLM120321SMA.M
Title : SFAM01.0

Signal : TIC: VW021165.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	67	73	81	rBV	41415	66547	1.43%	0.230%
2	2.489	95	96	98	rBV	410	330	0.01%	0.001%
3	2.532	101	103	106	rVB2	390	408	0.01%	0.001%
4	2.879	153	160	171	rBV	22477	48418	1.04%	0.167%
5	2.959	171	173	178	rVB2	424	441	0.01%	0.002%
6	4.013	334	346	360	rBV	39949	119679	2.58%	0.414%
7	4.135	360	366	378	rVB2	1619	4460	0.10%	0.015%
8	4.257	380	386	387	rBV2	308	426	0.01%	0.001%
9	4.275	387	389	391	rVB	307	262	0.01%	0.001%
10	4.428	407	414	415	rBV	590	779	0.02%	0.003%
11	4.909	484	493	505	rBV3	4372	13581	0.29%	0.047%
12	5.105	521	525	526	rBV3	281	355	0.01%	0.001%
13	5.141	529	531	534	rVB	319	274	0.01%	0.001%
14	5.184	534	538	540	rBV	209	215	0.00%	0.001%
15	5.629	602	611	613	rBB	161	334	0.01%	0.001%
16	5.757	629	632	635	rBV2	153	225	0.00%	0.001%
17	5.940	655	662	669	rVB3	752	1732	0.04%	0.006%
18	7.080	839	849	854	rBV	11761	30851	0.66%	0.107%
19	7.147	856	860	870	rVB2	8662	22126	0.48%	0.076%
20	7.647	931	942	953	rBV	60442	145470	3.13%	0.503%
21	8.275	1034	1045	1062	rBV3	115056	399932	8.61%	1.382%
22	8.403	1062	1066	1067	rBV3	449	570	0.01%	0.002%
23	8.561	1087	1092	1098	rVB4	968	2258	0.05%	0.008%
24	8.695	1111	1114	1118	rVV2	138	219	0.00%	0.001%
25	8.842	1128	1138	1146	rVV	103247	204055	4.39%	0.705%
26	9.092	1171	1179	1189	rVB	178885	354256	7.63%	1.224%
27	9.275	1201	1209	1218	rBV	76911	155289	3.34%	0.537%
28	10.031	1326	1333	1342	rVB	38846	71343	1.54%	0.247%
29	10.201	1357	1361	1365	rBV	321	584	0.01%	0.002%
30	10.323	1373	1381	1386	rBV	154479	267530	5.76%	0.925%
31	10.384	1386	1391	1401	rVV	43941	78548	1.69%	0.271%
32	10.500	1404	1410	1414	rBB2	786	1296	0.03%	0.004%
33	10.573	1415	1422	1430	rBV	23182	39932	0.86%	0.138%
34	10.640	1430	1433	1435	rVV2	529	645	0.01%	0.002%
35	10.701	1438	1443	1451	rVB	5099	8245	0.18%	0.028%
36	10.786	1451	1457	1462	rBV2	9204	16212	0.35%	0.056%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
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Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

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\SFAMWLM120321SMA.M
Title : SFAM01.0

37	10.860	1462	1469	1475	rVV2	81684	142492	3.07%	0.492%
38	10.921	1475	1479	1487	rVB	47838	77257	1.66%	0.267%
39	11.061	1497	1502	1510	rVV	6996	11264	0.24%	0.039%
40	11.177	1516	1521	1525	rBV2	873	1401	0.03%	0.005%
41	11.232	1525	1530	1534	rVB2	1238	2139	0.05%	0.007%
42	11.335	1543	1547	1550	rBV2	996	1210	0.03%	0.004%
43	11.433	1555	1563	1570	rBB2	5093	9242	0.20%	0.032%
44	11.506	1572	1575	1580	rBB	457	608	0.01%	0.002%
45	11.628	1587	1595	1605	rVB	117463	198863	4.28%	0.687%
46	11.725	1605	1611	1617	rBV	13612	21972	0.47%	0.076%
47	11.835	1619	1629	1639	rBV	130828	247660	5.33%	0.856%
48	11.963	1646	1650	1656	rBB3	1219	2026	0.04%	0.007%
49	12.030	1656	1661	1664	rBV	294	541	0.01%	0.002%
50	12.176	1669	1685	1692	rBV3	107694	227995	4.91%	0.788%
51	12.244	1694	1696	1701	rVB3	1596	2259	0.05%	0.008%
52	12.298	1701	1705	1707	rBV	1726	2793	0.06%	0.010%
53	12.359	1707	1715	1723	rVV7	4736	15583	0.34%	0.054%
54	12.463	1729	1732	1737	rBV4	2764	4046	0.09%	0.014%
55	12.603	1750	1755	1760	rVB2	26945	42360	0.91%	0.146%
56	12.652	1760	1763	1764	rBV2	900	869	0.02%	0.003%
57	12.689	1764	1769	1776	rBV	59649	98234	2.11%	0.340%
58	12.774	1779	1783	1790	rVB6	5550	11144	0.24%	0.039%
59	12.865	1790	1798	1801	rBV	40993	73124	1.57%	0.253%
60	12.939	1805	1810	1817	rVB	328613	515663	11.10%	1.782%
61	13.115	1829	1839	1844	rBV2	62320	127808	2.75%	0.442%
62	13.158	1844	1846	1854	rVB4	5384	9214	0.20%	0.032%
63	13.249	1854	1861	1865	rBV	261679	408965	8.80%	1.413%
64	13.298	1865	1869	1874	rVV	163846	249941	5.38%	0.864%
65	13.347	1874	1877	1885	rVB	50532	77965	1.68%	0.269%
66	13.438	1887	1892	1894	rBV	26633	41783	0.90%	0.144%
67	13.475	1894	1898	1906	rVB2	57190	117367	2.53%	0.406%
68	13.585	1906	1916	1921	rBV2	195272	431122	9.28%	1.490%
69	13.713	1932	1937	1939	rBV2	20225	30157	0.65%	0.104%
70	13.749	1939	1943	1945	rVV2	63025	96249	2.07%	0.333%
71	13.780	1945	1948	1955	rVB	241994	380089	8.18%	1.314%
72	13.853	1955	1960	1967	rBV2	70948	160735	3.46%	0.556%
73	13.932	1967	1973	1980	rBV	1389513	2238314	48.18%	7.736%
74	14.005	1980	1985	1987	rBV	79459	112760	2.43%	0.390%
75	14.036	1988	1990	1995	rVV3	56181	83859	1.81%	0.290%
76	14.091	1995	1999	2004	rVB	173954	263126	5.66%	0.909%

LSC Area Percent Report

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Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

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\SFAMWLM120321SMA.M
Title : SFAM01.0

77	14.152	2005	2009	2012	rBV	19188	26474	0.57%	0.091%
78	14.201	2012	2017	2020	rBV3	78969	142514	3.07%	0.493%
79	14.335	2035	2039	2043	rVB2	49472	72483	1.56%	0.251%
80	14.414	2043	2052	2055	rBV	507374	878950	18.92%	3.038%
81	14.450	2055	2058	2062	rVB	346595	462801	9.96%	1.600%
82	14.560	2069	2076	2084	rVB4	76696	196458	4.23%	0.679%
83	14.639	2085	2089	2092	rVB	27956	37953	0.82%	0.131%
84	14.682	2092	2096	2099	rBV2	79091	127083	2.74%	0.439%
85	14.719	2100	2102	2108	rVB2	79703	116629	2.51%	0.403%
86	14.786	2108	2113	2121	rBV3	367649	801036	17.24%	2.769%
87	14.865	2121	2126	2134	rVB2	371145	604622	13.02%	2.090%
88	14.950	2134	2140	2148	rBV	527977	872536	18.78%	3.016%
89	15.060	2148	2158	2170	rBV	246644	586228	12.62%	2.026%
90	15.170	2170	2176	2182	rBV3	90323	187629	4.04%	0.648%
91	15.280	2188	2194	2198	rBV	303750	563992	12.14%	1.949%
92	15.359	2201	2207	2216	rVB	2601443	4645429	100.00%	16.055%
93	15.456	2216	2223	2230	rBV3	138918	374128	8.05%	1.293%
94	15.651	2248	2255	2260	rBV2	88729	180356	3.88%	0.623%
95	15.956	2298	2305	2311	rBV2	76085	220630	4.75%	0.763%
96	16.261	2350	2355	2362	rVB	93177	216768	4.67%	0.749%
97	16.371	2362	2373	2376	rBV3	119900	381388	8.21%	1.318%
98	16.432	2377	2383	2397	rVB	1790828	3958021	85.20%	13.680%
99	16.566	2398	2405	2409	rBV2	80257	180783	3.89%	0.625%
100	16.633	2409	2416	2426	rVB	1999841	4500690	96.88%	15.555%

Sum of corrected areas: 28933607

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
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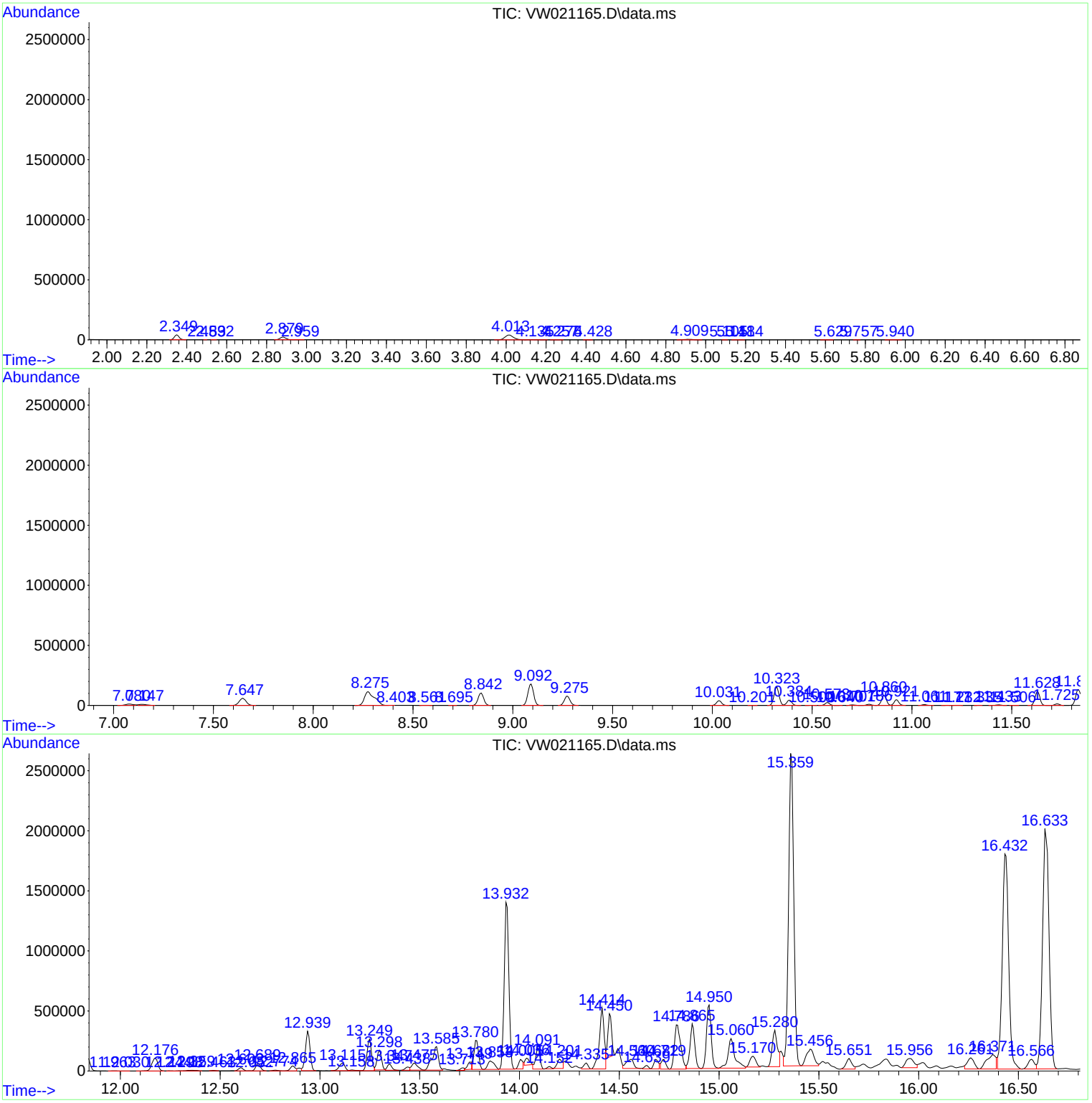
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

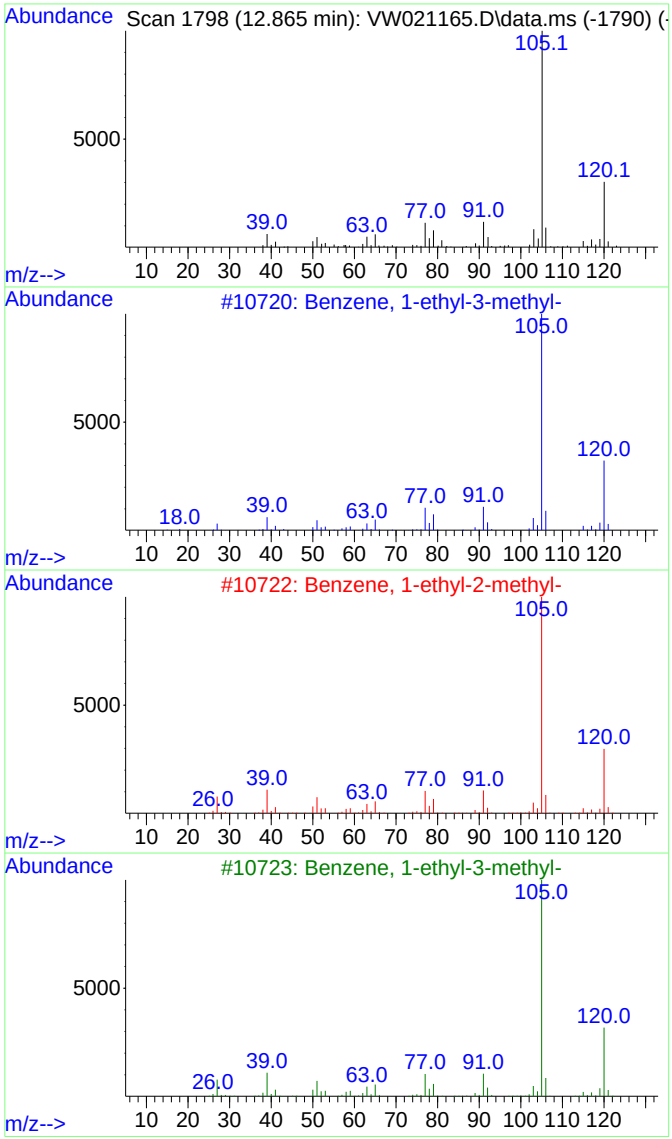
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

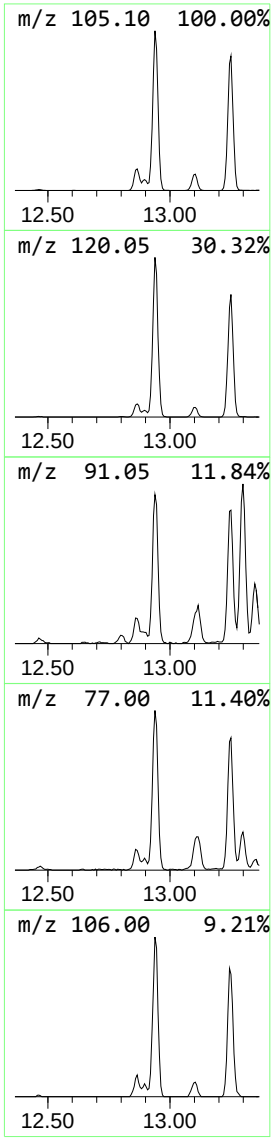
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	4.24 ug/L	73124	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

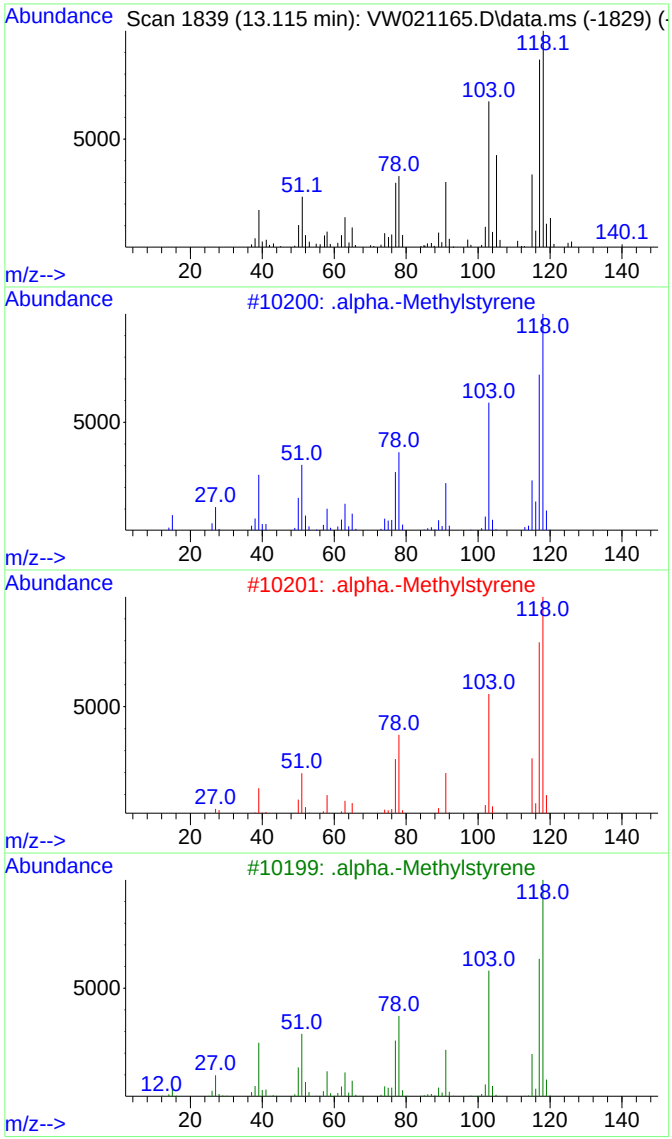
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

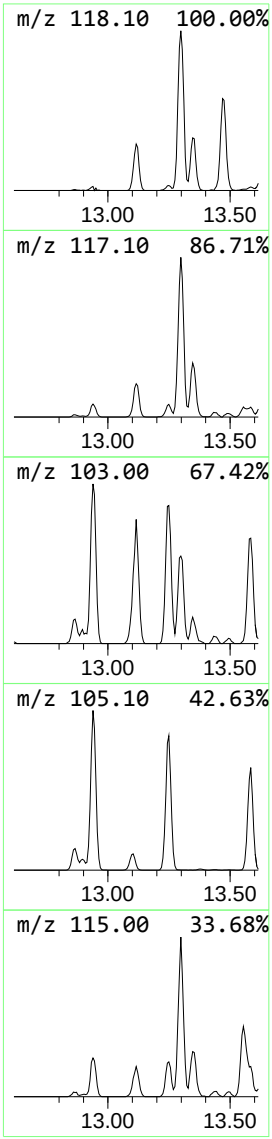
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 .alpha.-Methylstyrene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.115	7.41 ug/L	127808	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	90
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	90
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	89
4	.alpha.-Methylstyrene	118	C9H10	000098-83-9	81
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

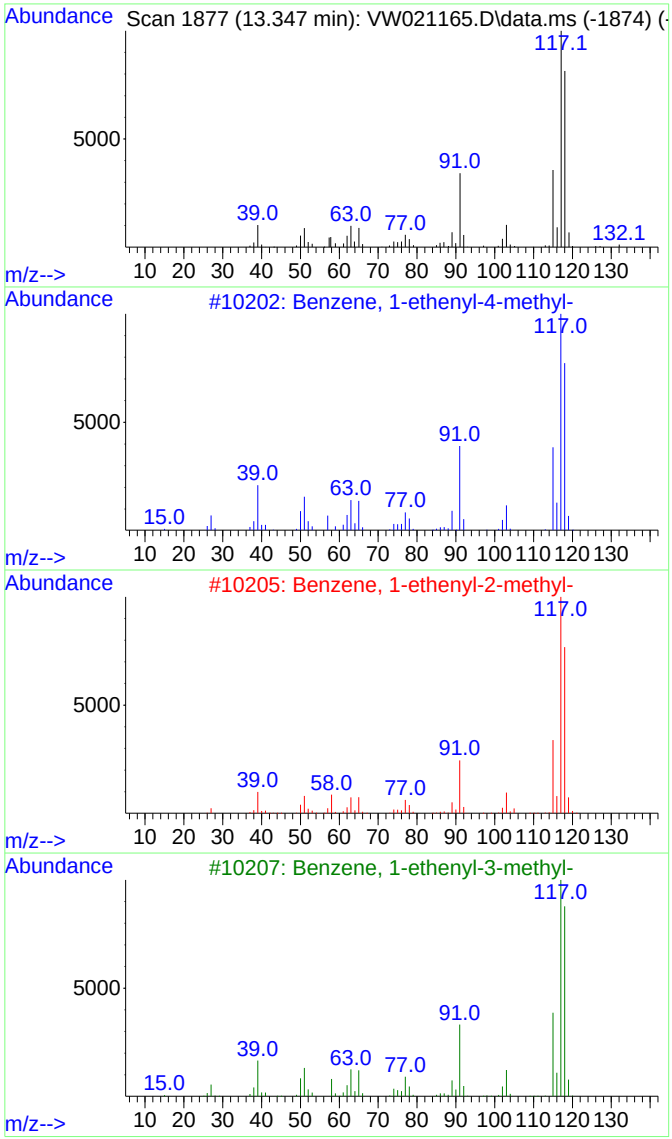
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

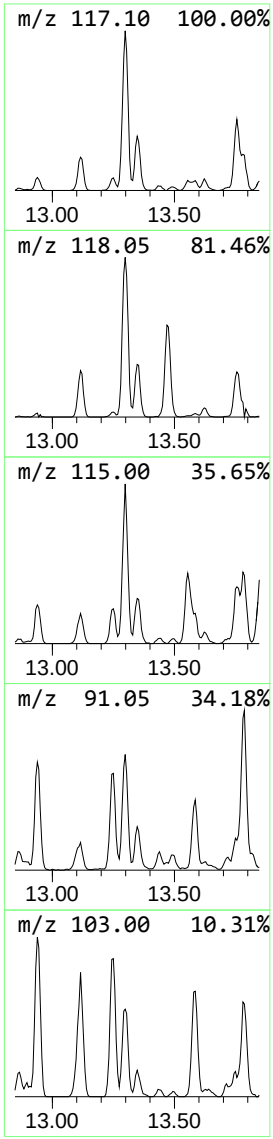
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethenyl-4-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.347	4.52 ug/L	77965	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	92
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

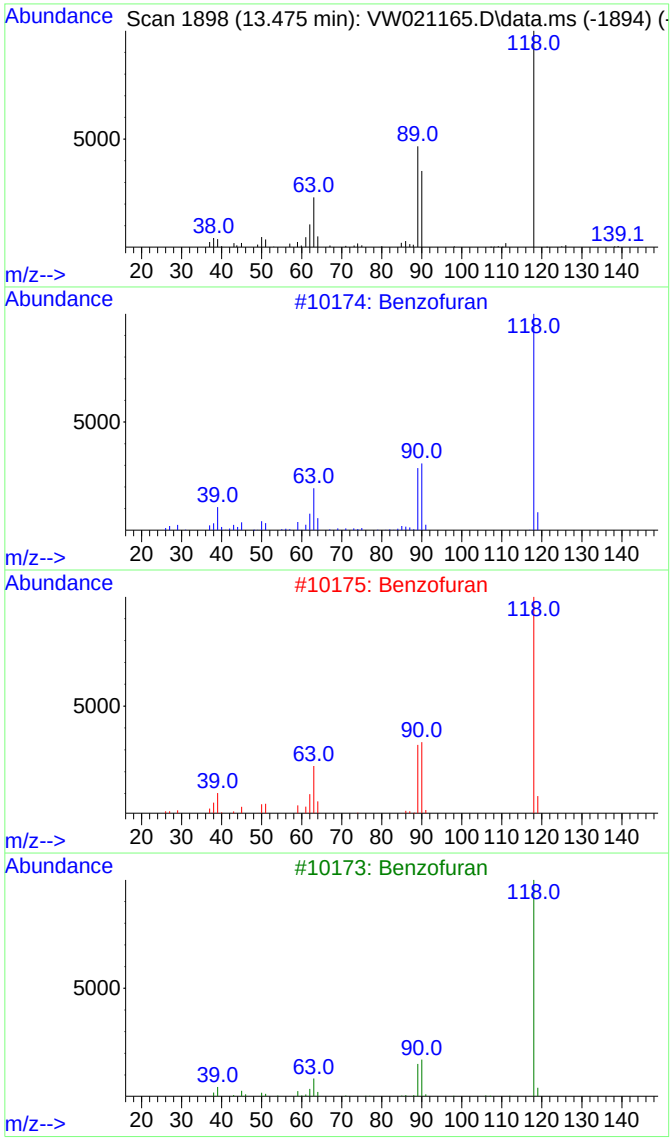
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

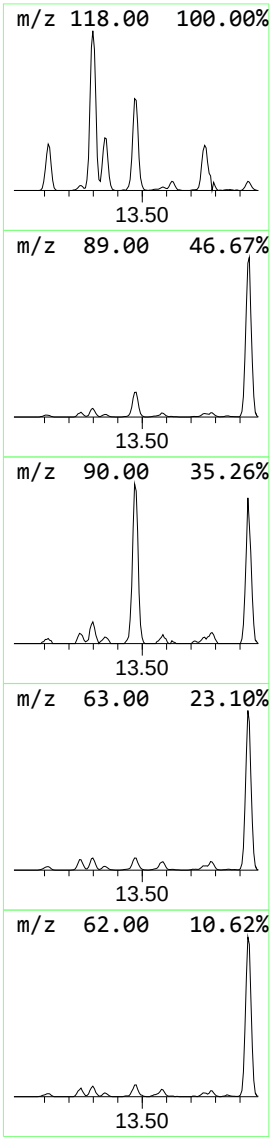
****

Peak Number 11 Benzofuran Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	6.81 ug/L	117367	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	87
2	Benzofuran	118	C8H6O	000271-89-6	80
3	Benzofuran	118	C8H6O	000271-89-6	64
4	Benzofuran	118	C8H6O	000271-89-6	50
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

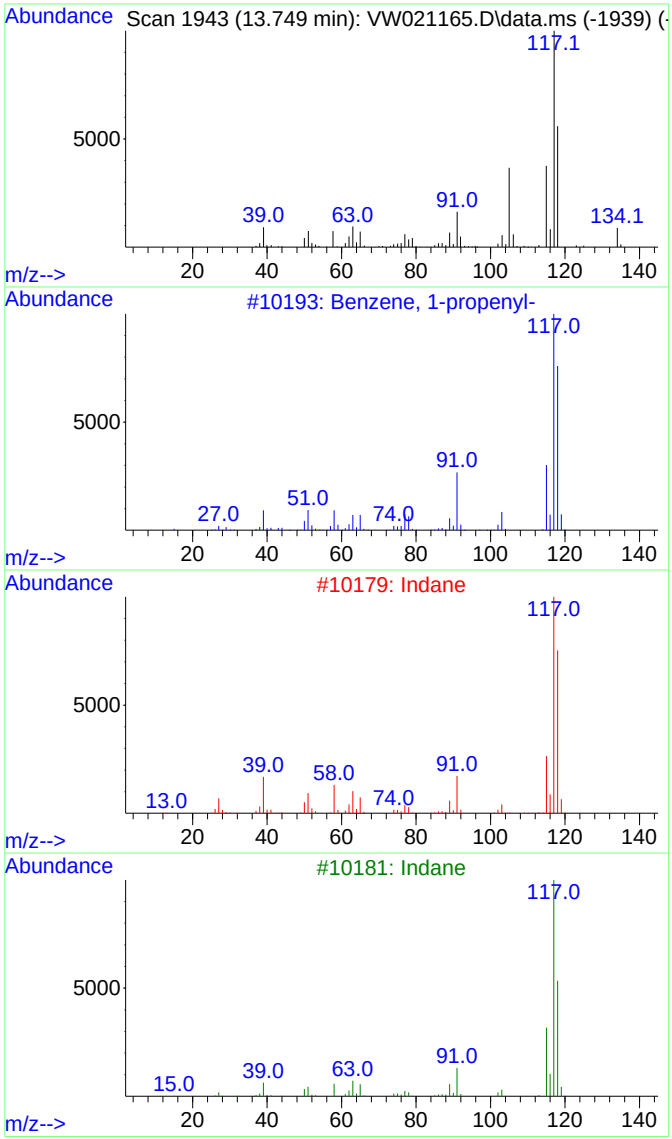
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

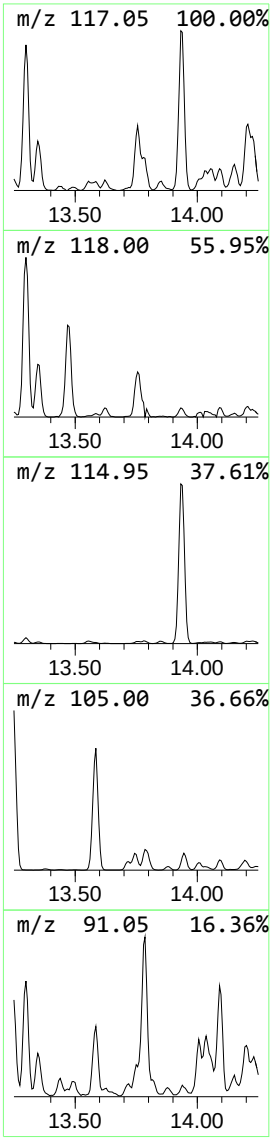
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-propenyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	5.58 ug/L	96249	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	70
2	Indane	118	C9H10	000496-11-7	70
3	Indane	118	C9H10	000496-11-7	70
4	Indane	118	C9H10	000496-11-7	64
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

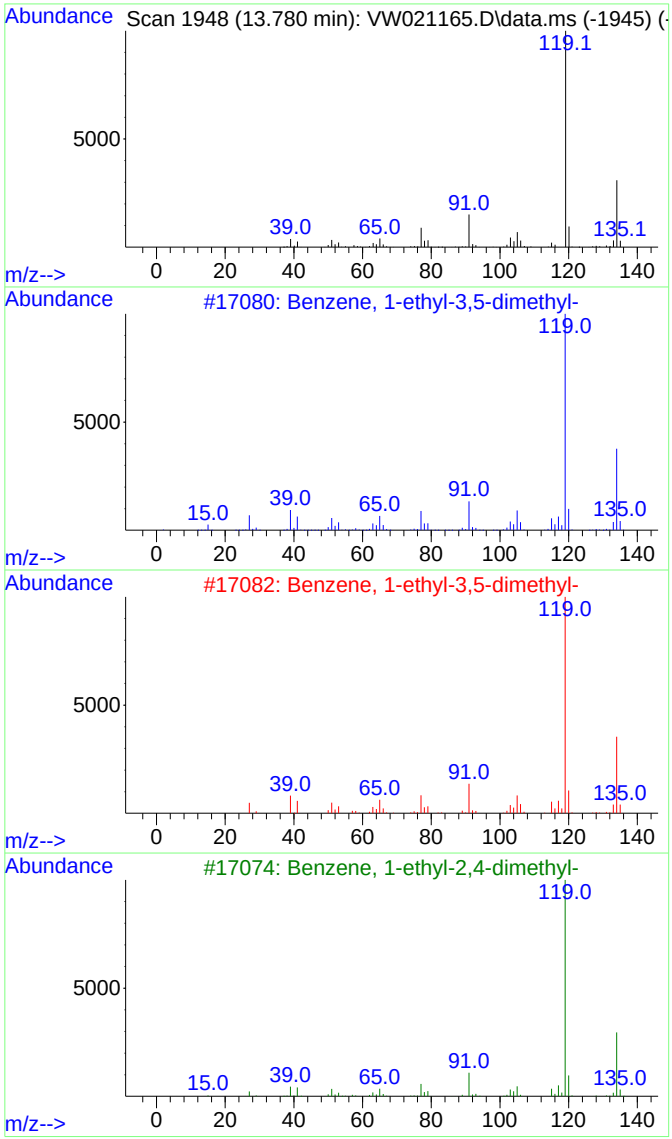
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

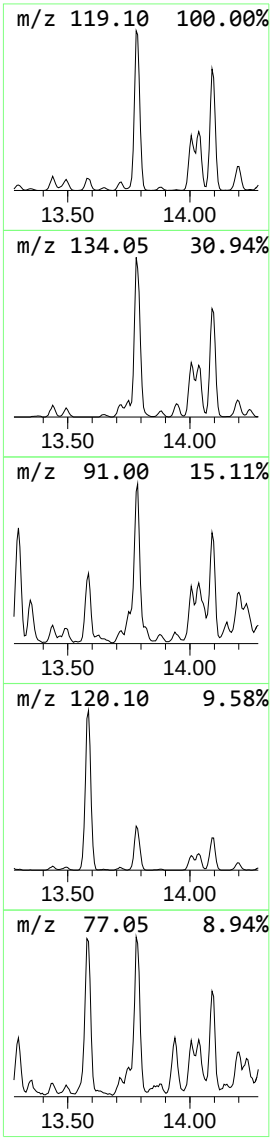
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	22.04 ug/L	380089	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

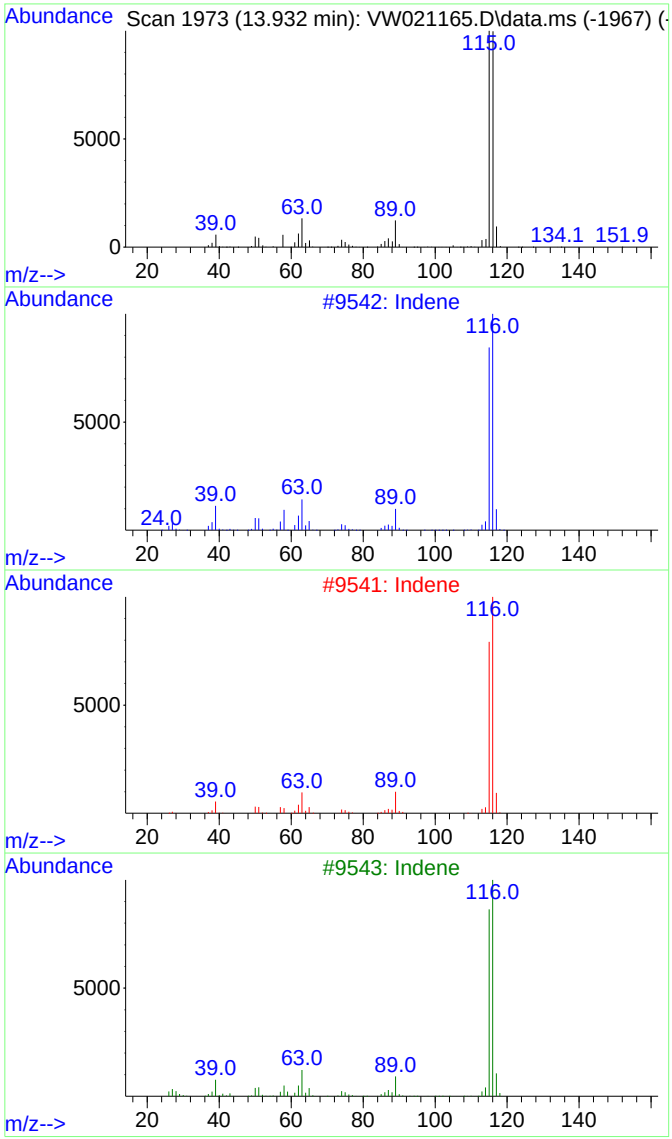
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

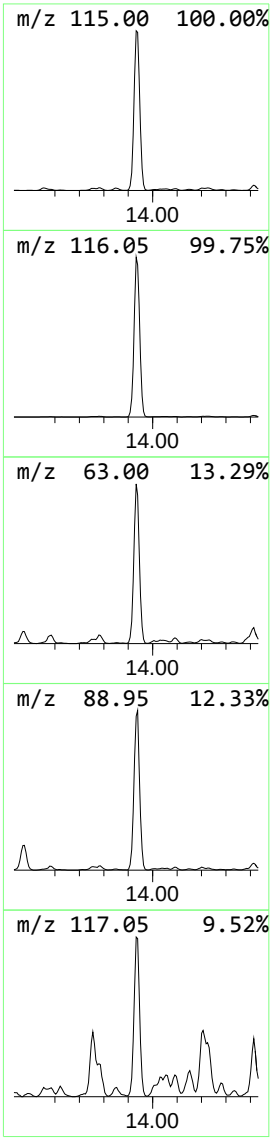
****

Peak Number 15 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.932	129.80 ug/L	2238310	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	97
3	Indene	116	C9H8	000095-13-6	96
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

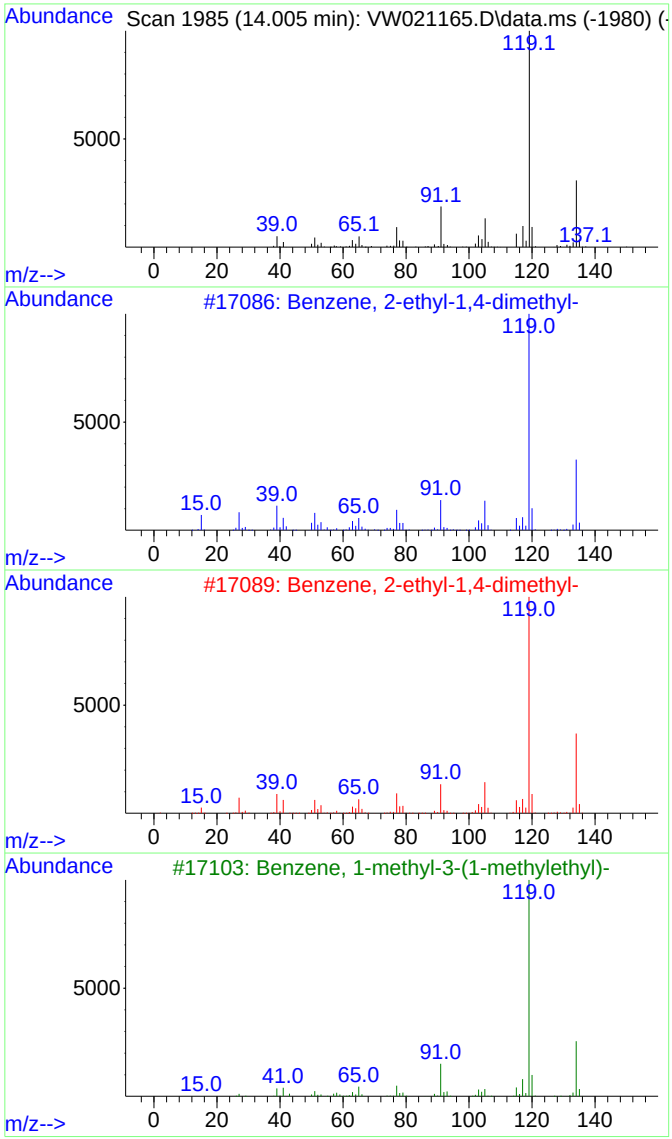
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

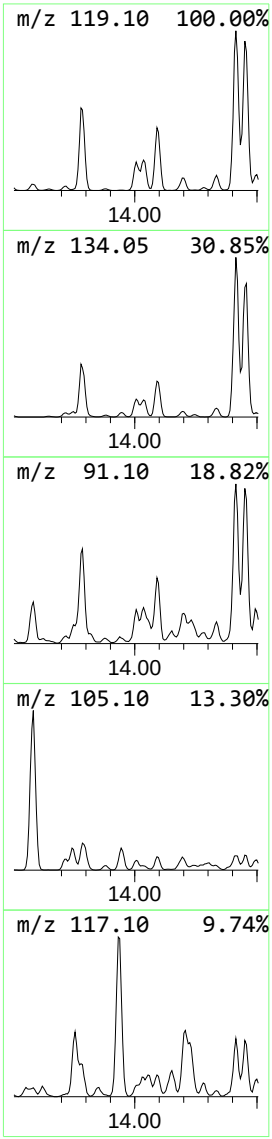
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	6.54 ug/L	112760	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5	o-Cymene	134	C10H14	000527-84-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

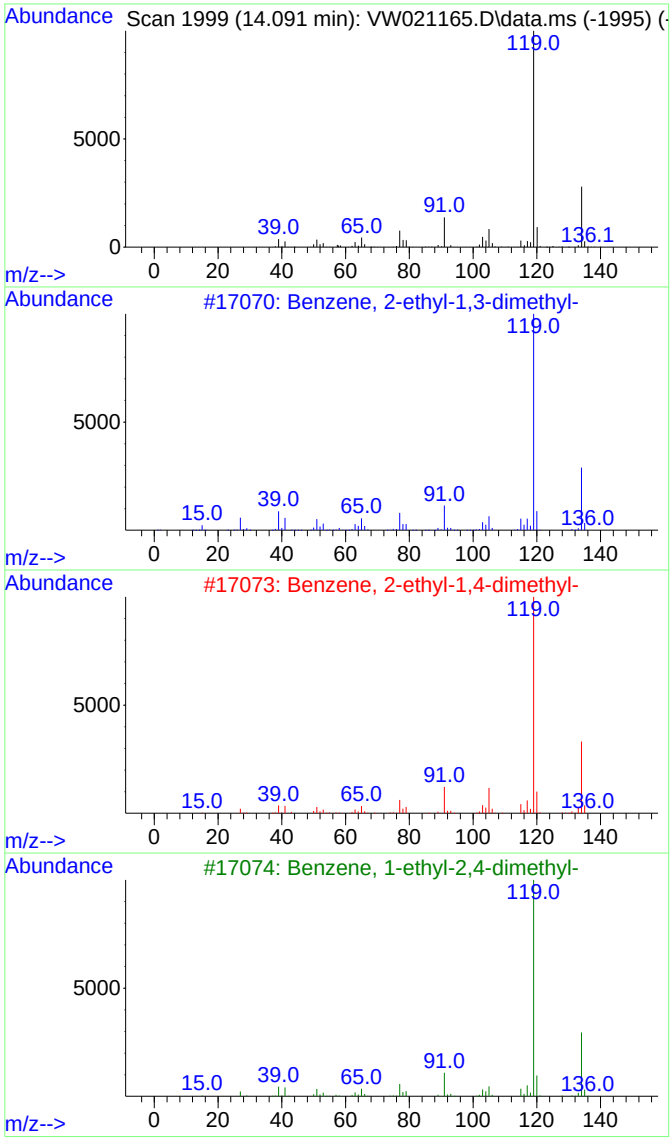
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

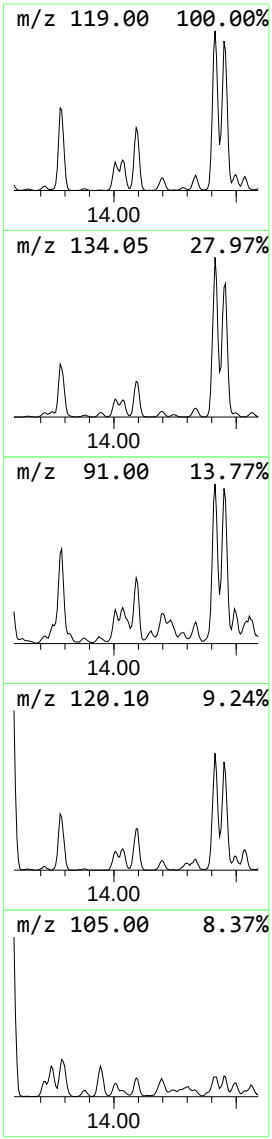
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	15.26 ug/L	263126	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

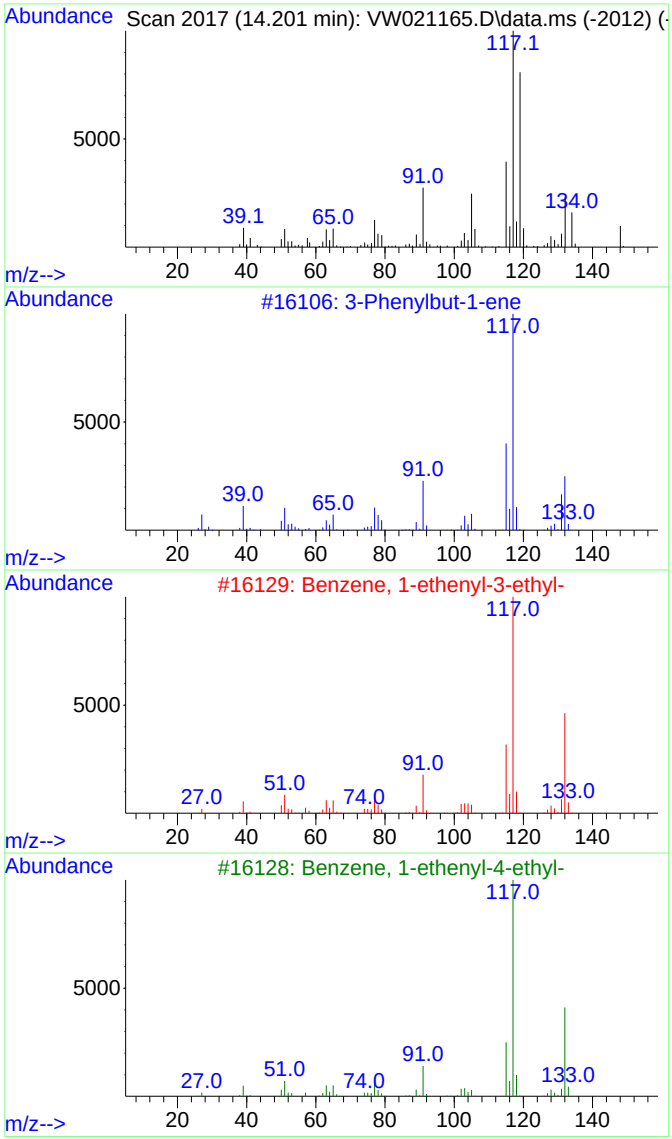
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

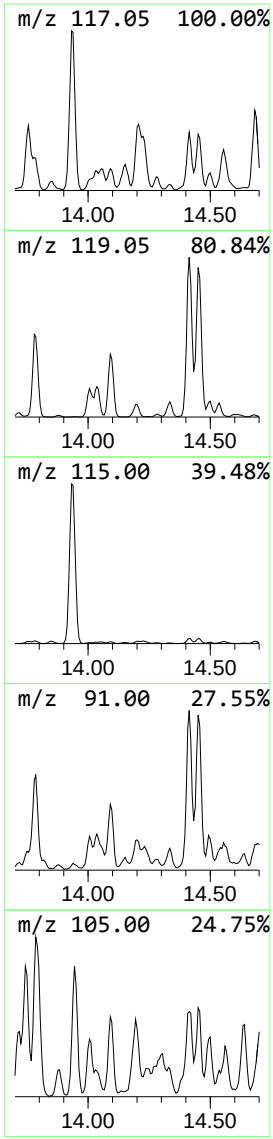
****

Peak Number 20 3-Phenylbut-1-ene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.201	8.26 ug/L	142514	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	53
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	49
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	46
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

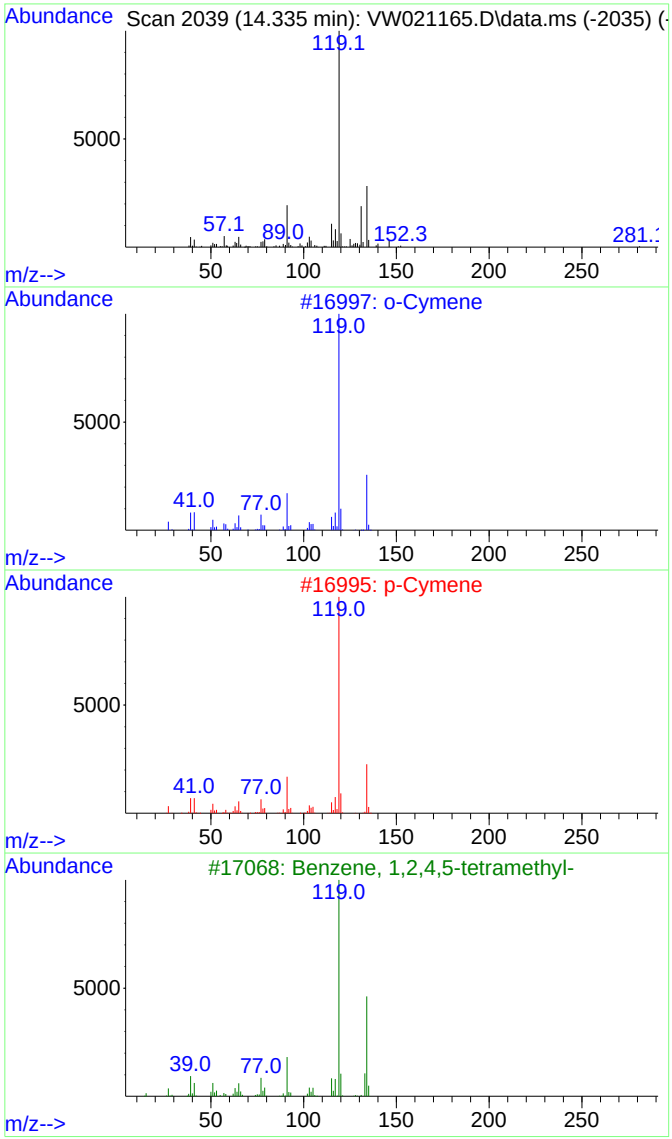
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

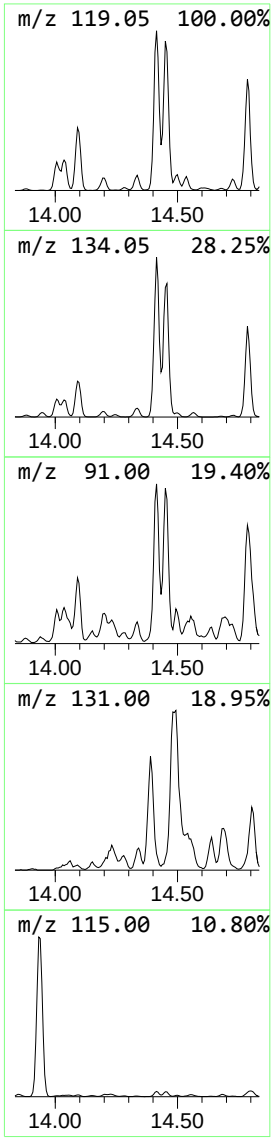
****

Peak Number 21 o-Cymene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.335	4.20 ug/L	72483	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	81
2	p-Cymene	134	C10H14	000099-87-6	81
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

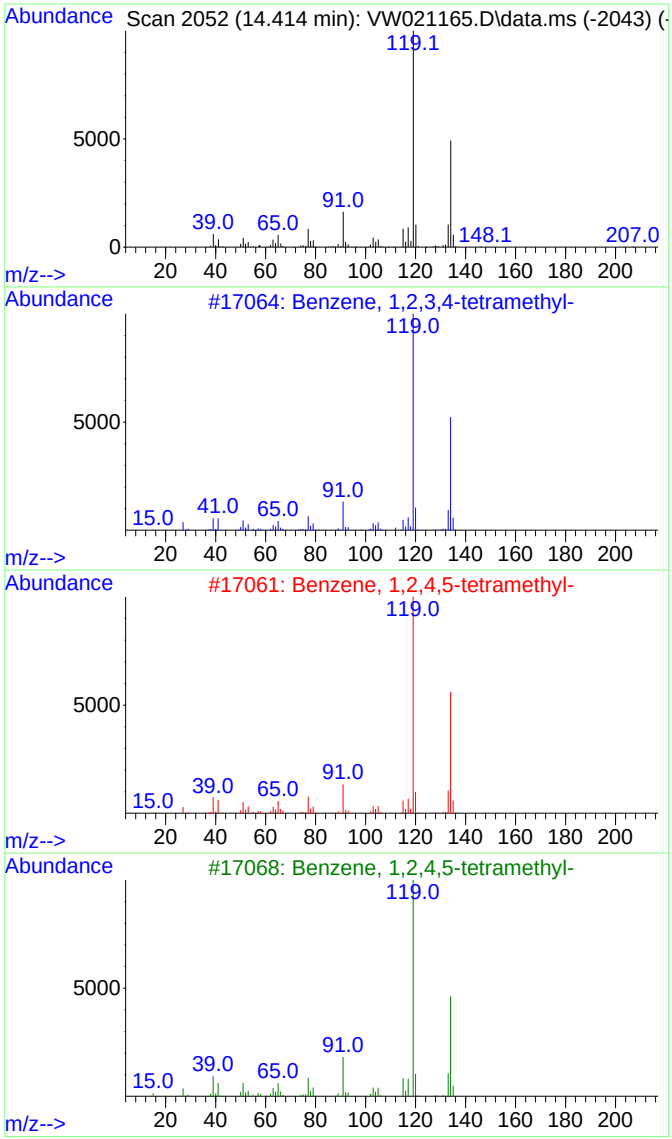
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

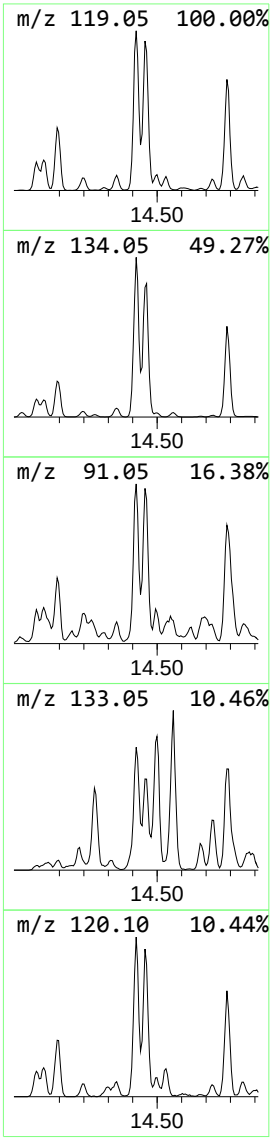
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	50.97 ug/L	878950	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

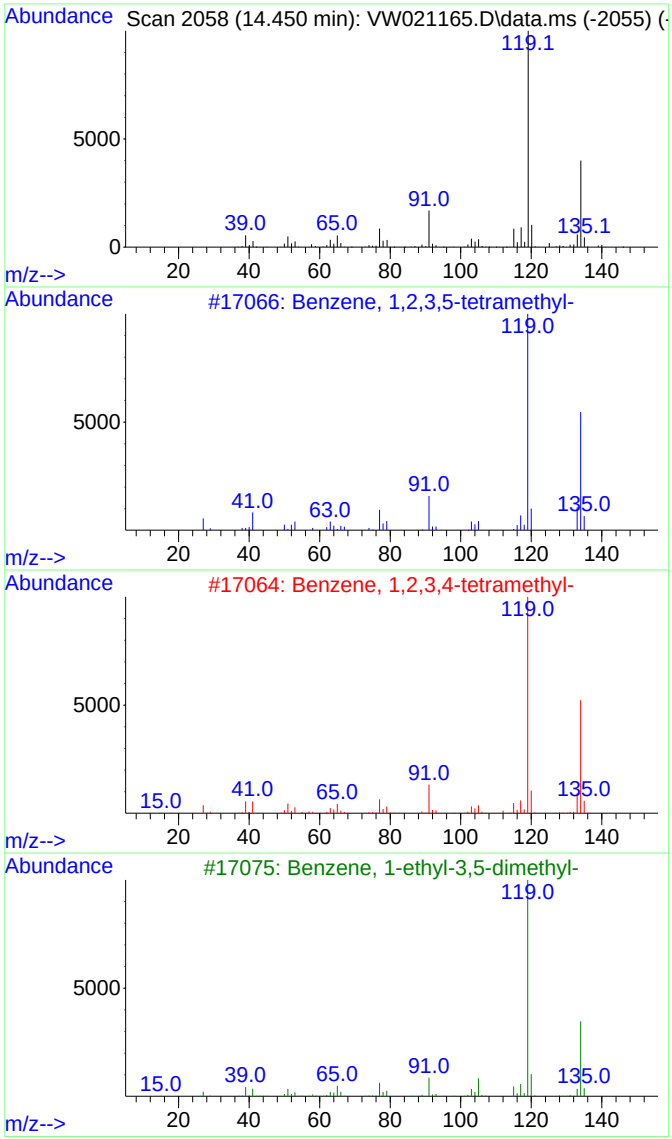
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

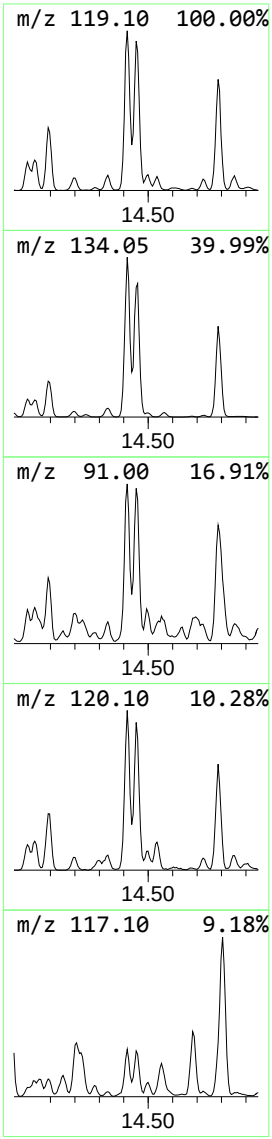
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.451	26.84 ug/L	462801	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

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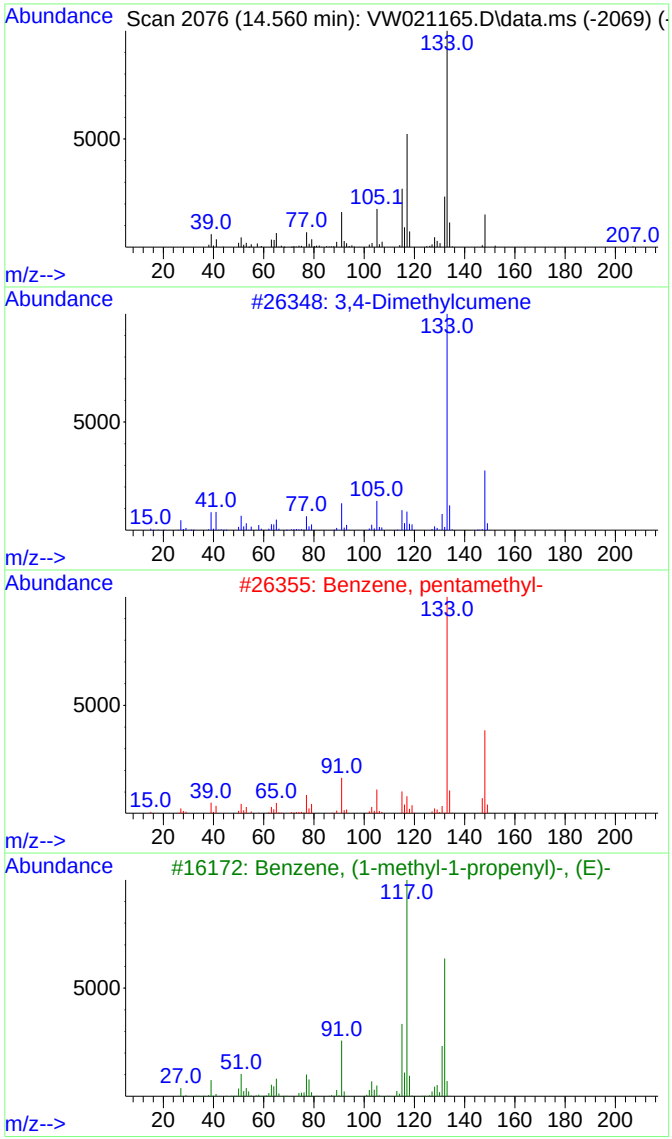
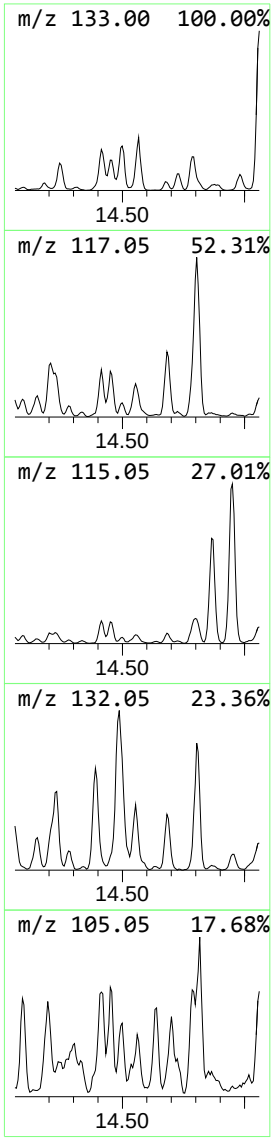
Peak Number 24 3,4-Dimethylcumene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.560	11.39 ug/L	196458	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	52
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	50
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	46
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	46
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

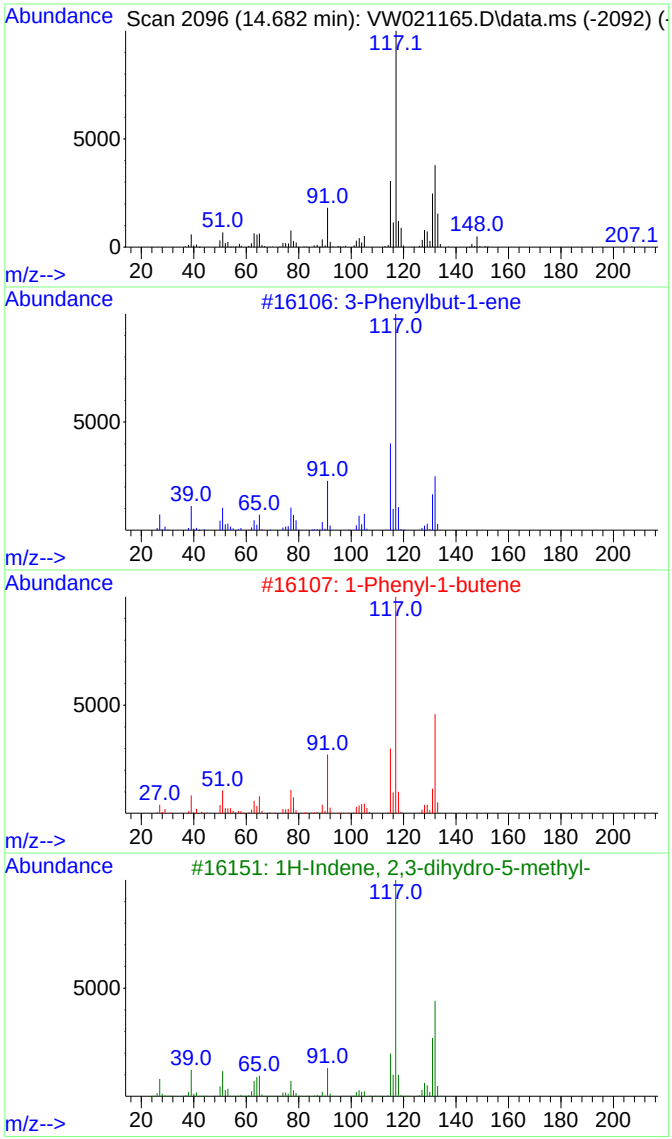
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

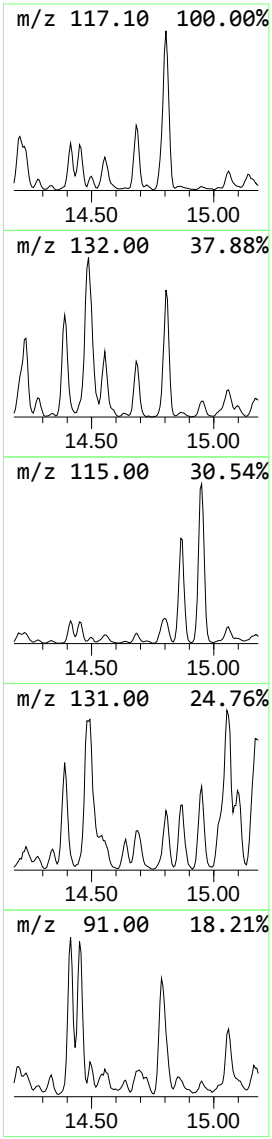
****

Peak Number 26 1-Phenyl-1-butene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.682	7.37 ug/L	127083	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	83
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

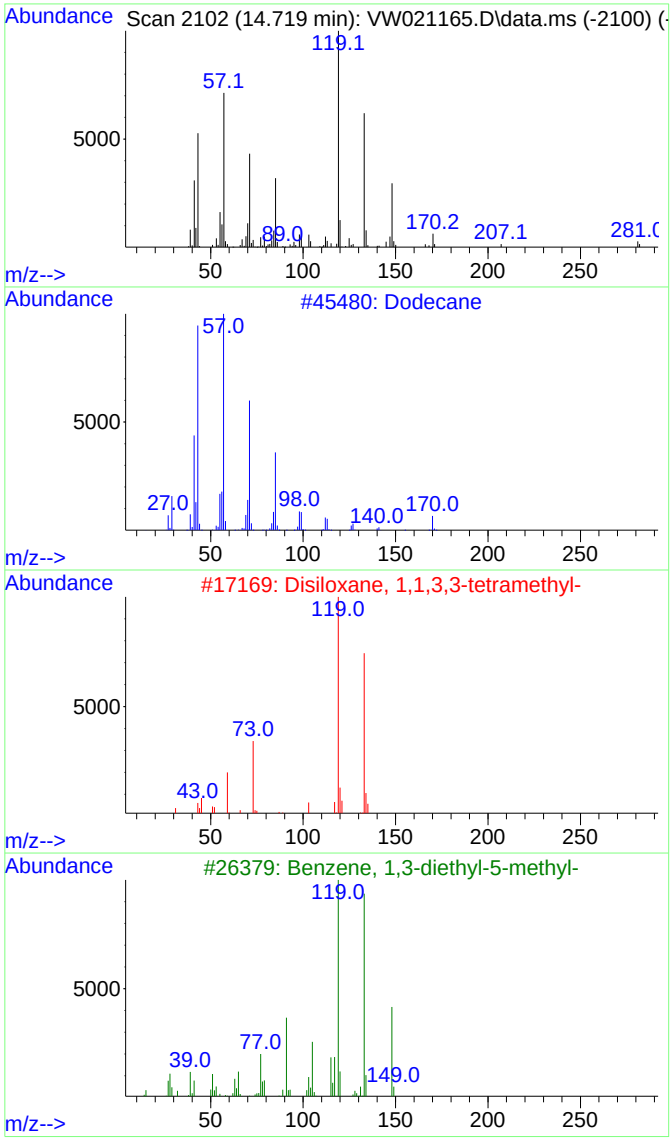
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

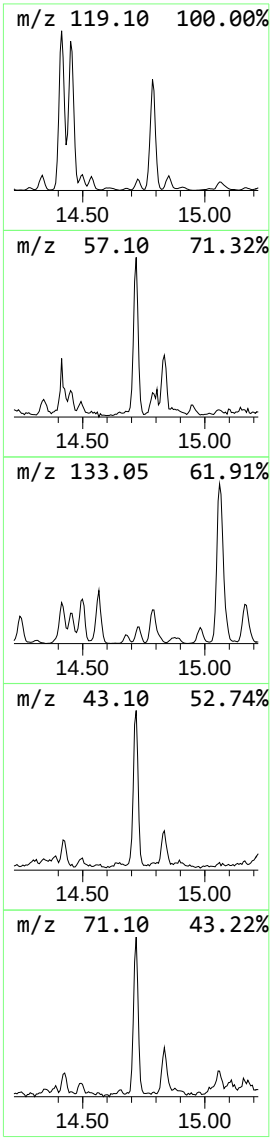
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	6.76 ug/L	116629	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	56
2	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	46
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	30
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	18





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Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

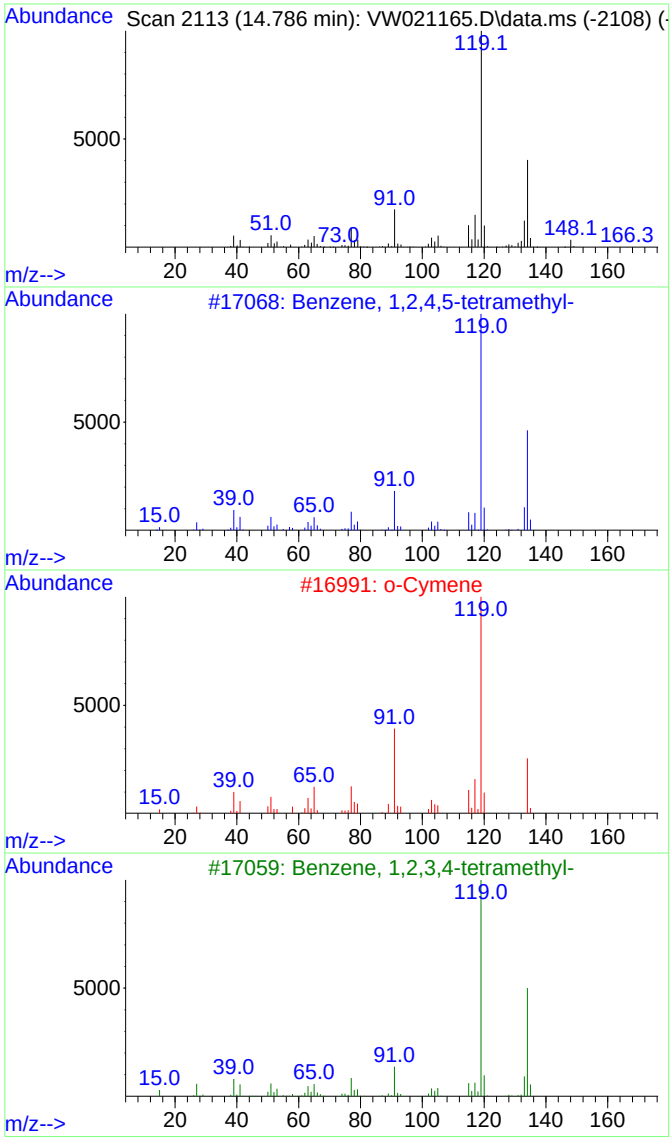
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

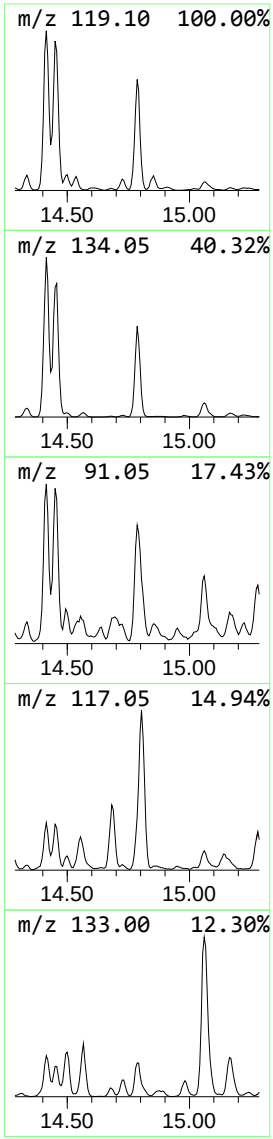
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	46.45 ug/L	801036	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93





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Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

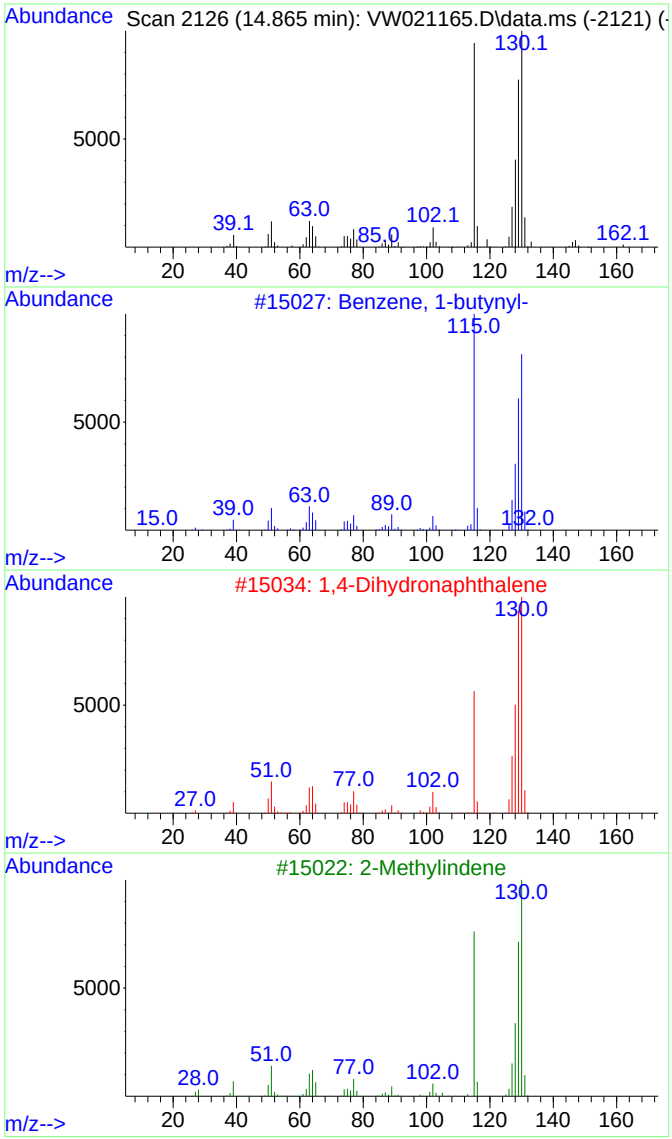
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

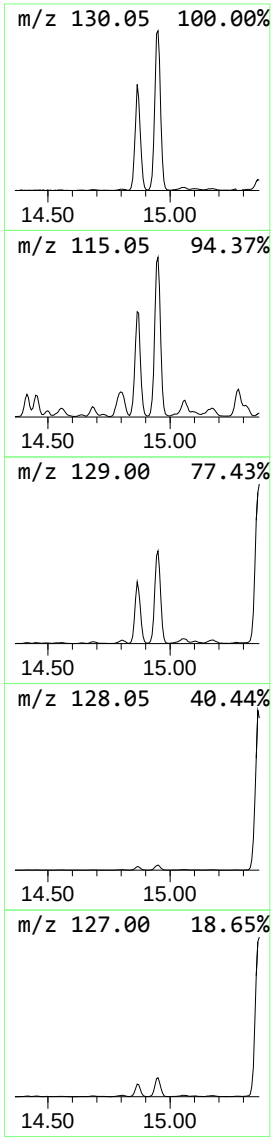
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-butynyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.865	35.06 ug/L	604622	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
3	2-Methylindene	130	C10H10	002177-47-1	94
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





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Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

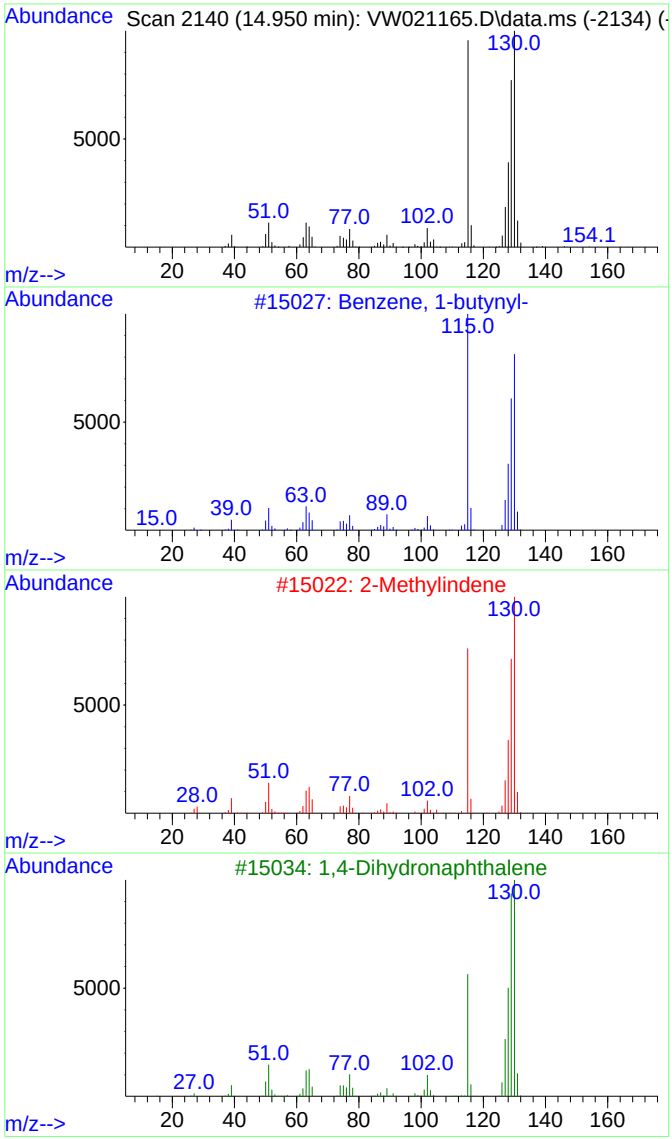
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

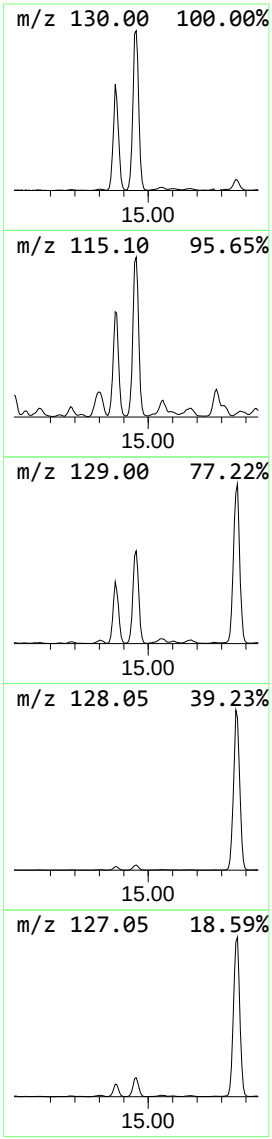
****

Peak Number 30 2-Methylindene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	50.60 ug/L	872536	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2	2-Methylindene	130	C10H10	002177-47-1	95
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

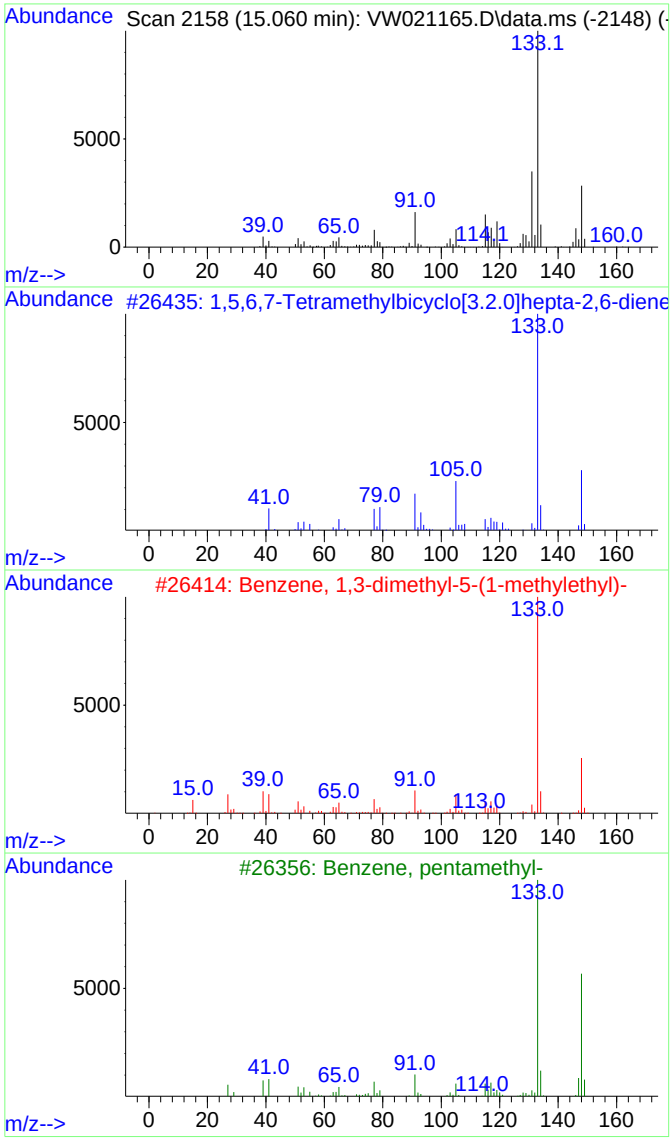
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

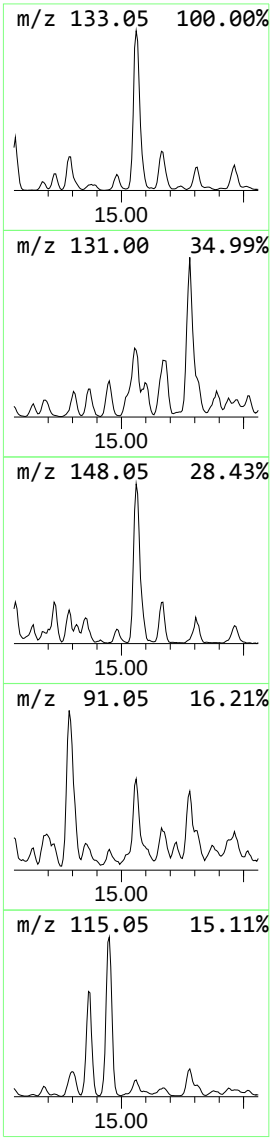
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1,5,6,7-Tetramethylbicyclo[... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	33.99 ug/L	586228	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	68
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	64
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

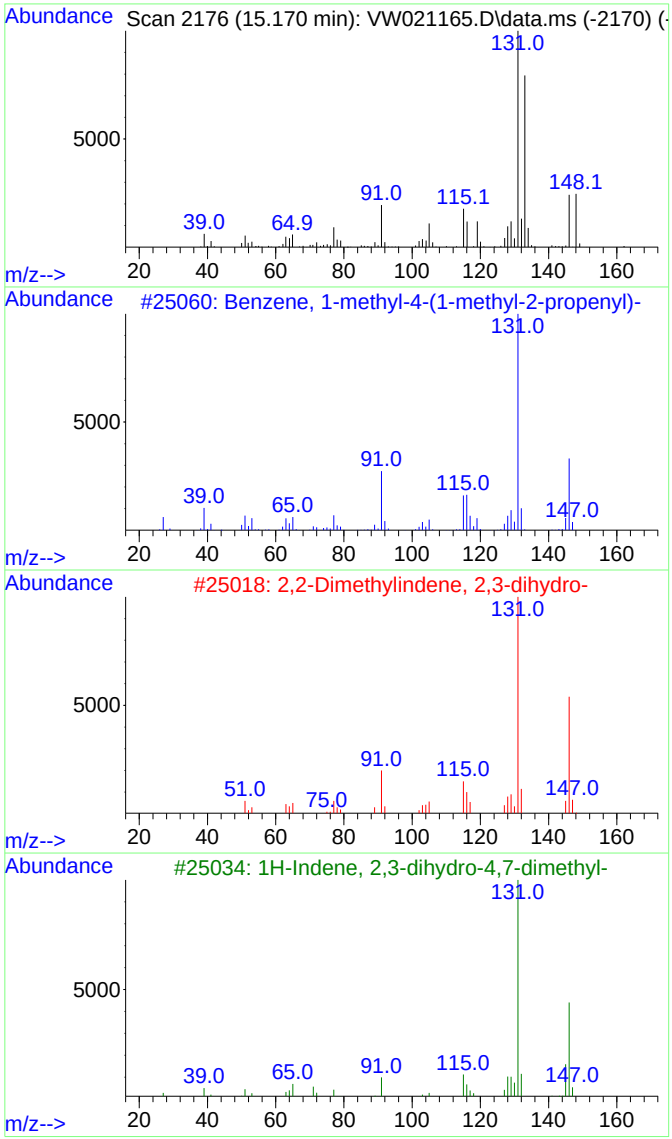
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

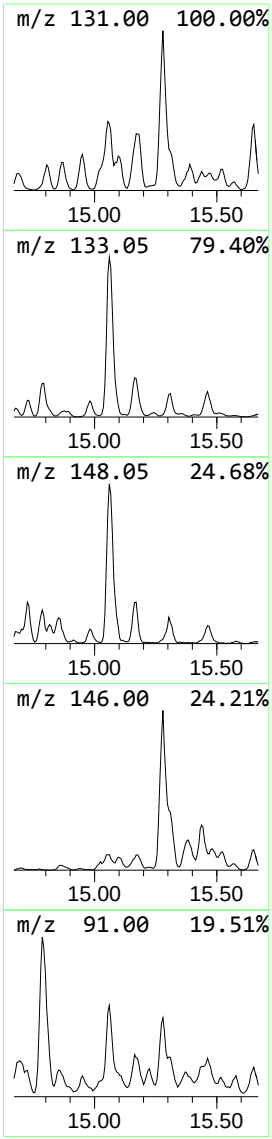
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1-methyl-4-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.170	10.88 ug/L	187629	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	55
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	55
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
4	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	55
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

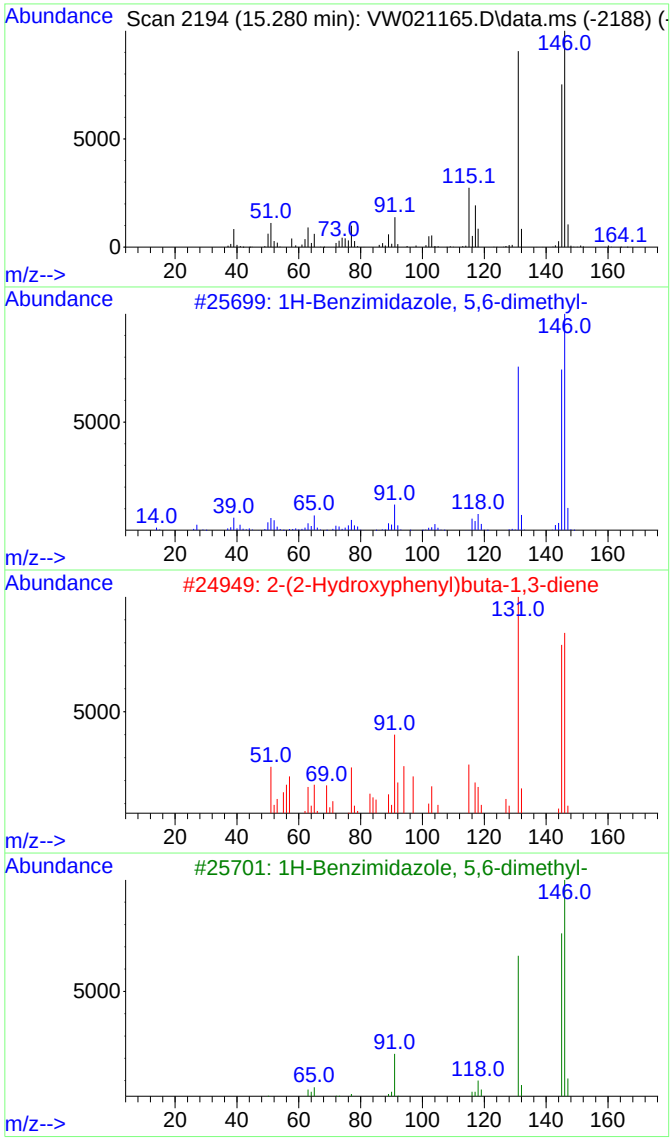
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

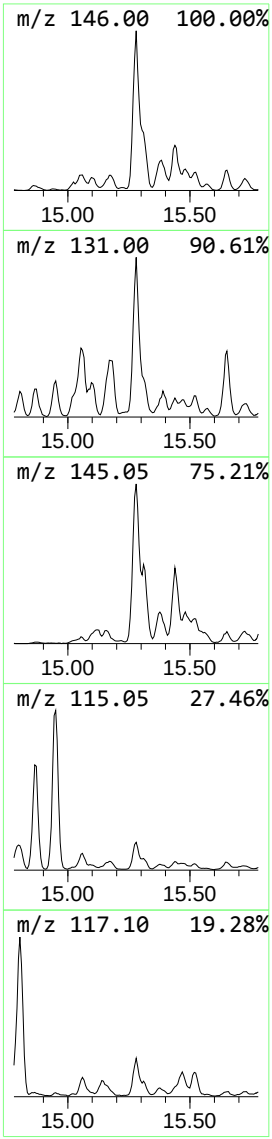
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1H-Benzimidazole, 5,6-dimet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.280	32.70 ug/L	563992	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	87
2	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	86
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	80
4	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	72
5	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

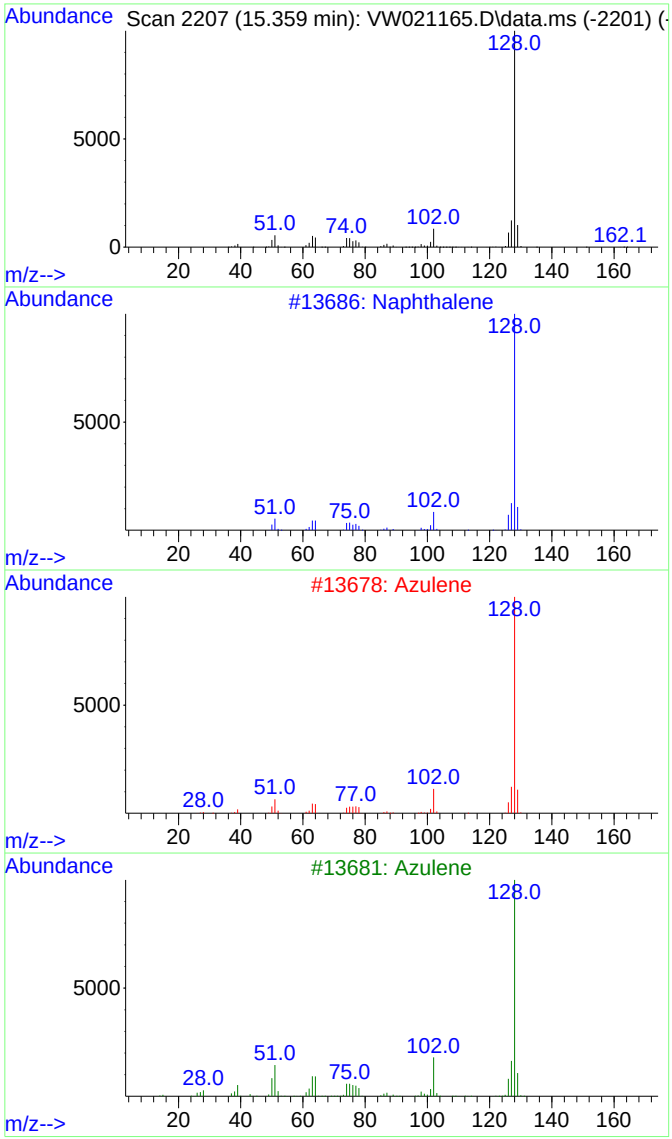
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

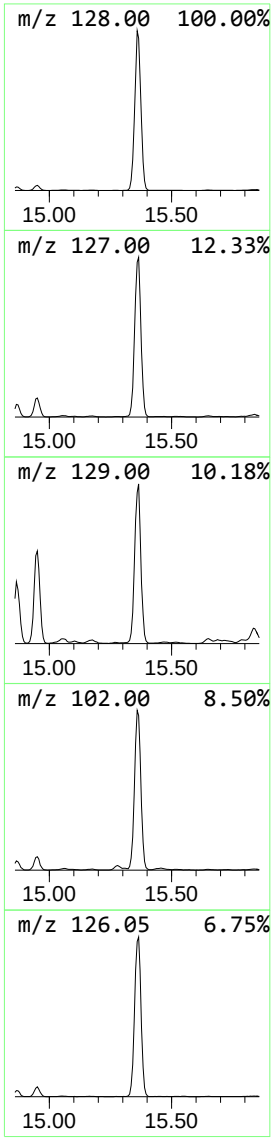
****

Peak Number 34 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	269.38 ug/L	4645430	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	94
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

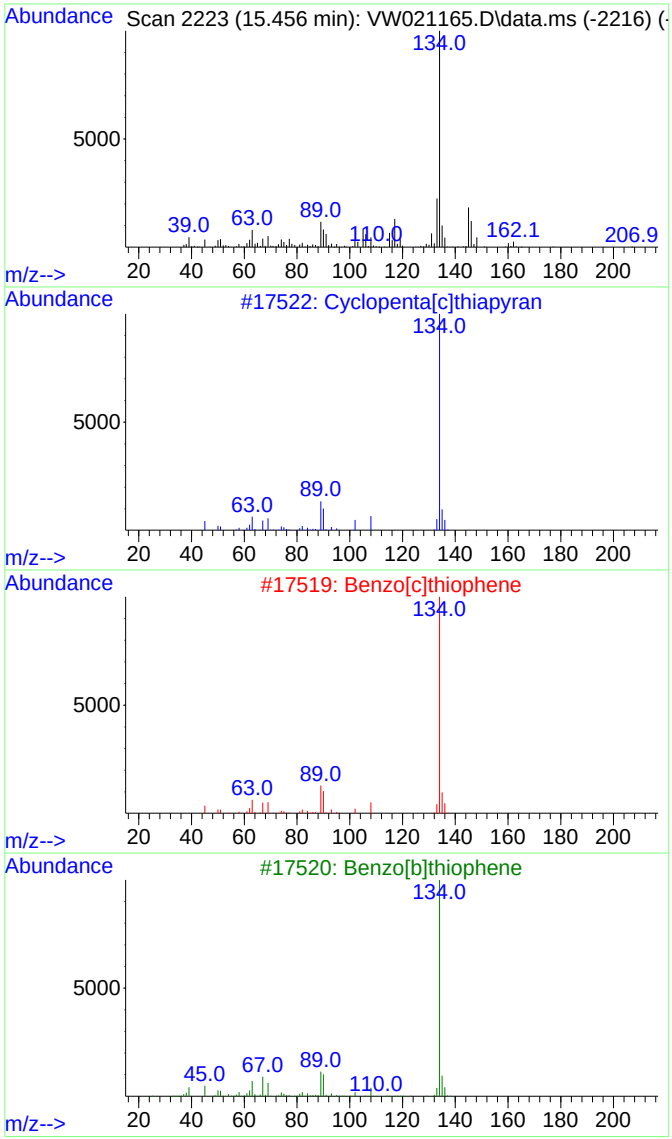
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

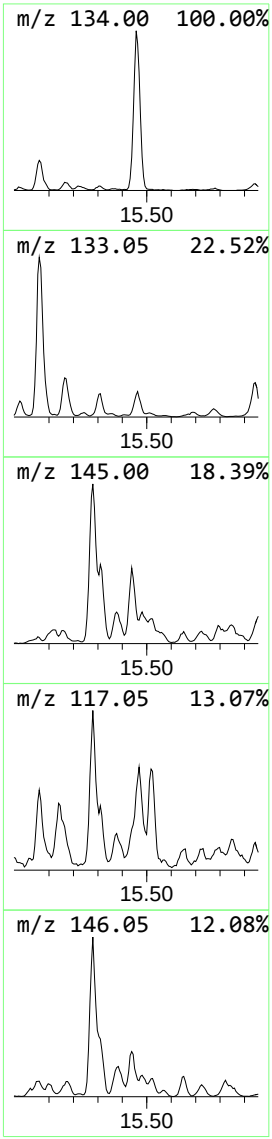
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Cyclopenta[c]thiapyran Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.456	21.70 ug/L	374128	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	64
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	64
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	64
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	64
5	2H-1-Benzopyran, 3,4-dihydro-	134	C9H10O	000493-08-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

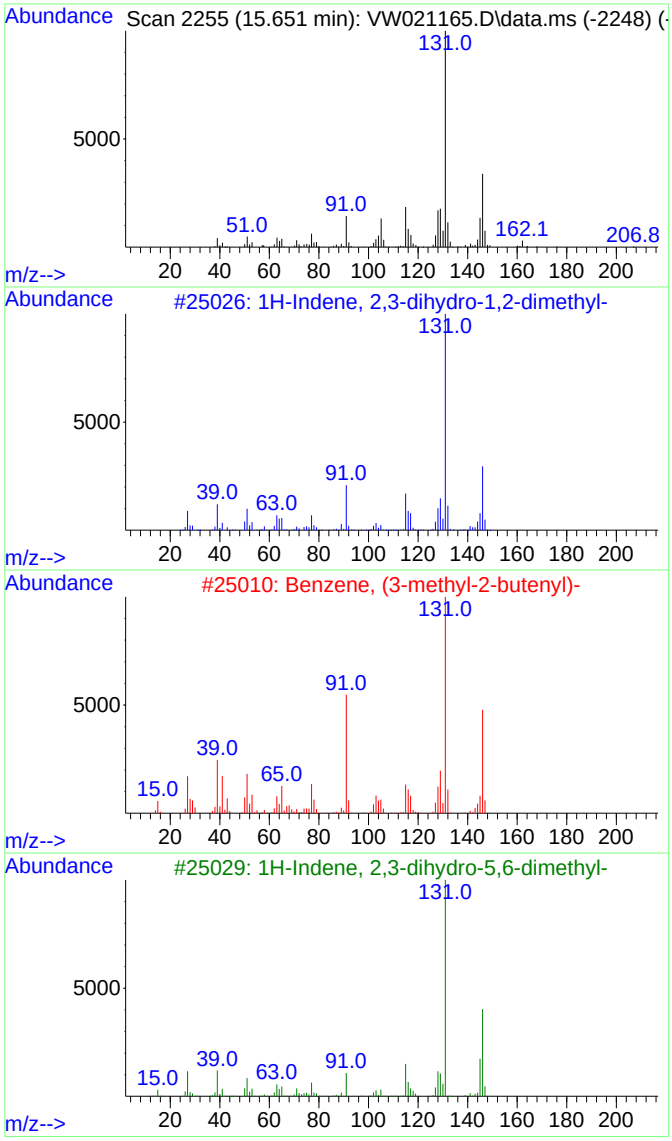
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

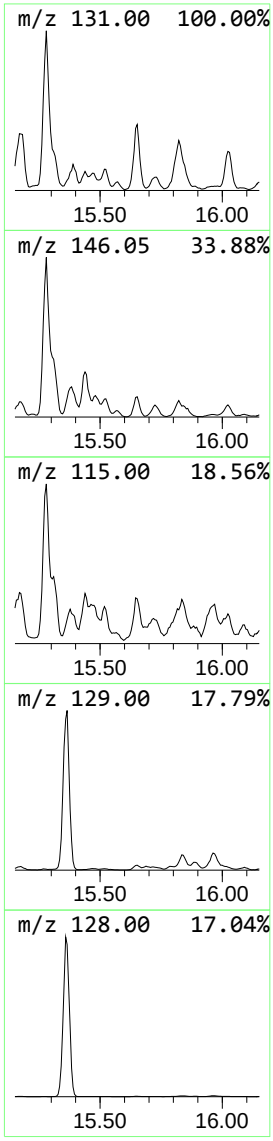
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.652	10.46 ug/L	180356	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

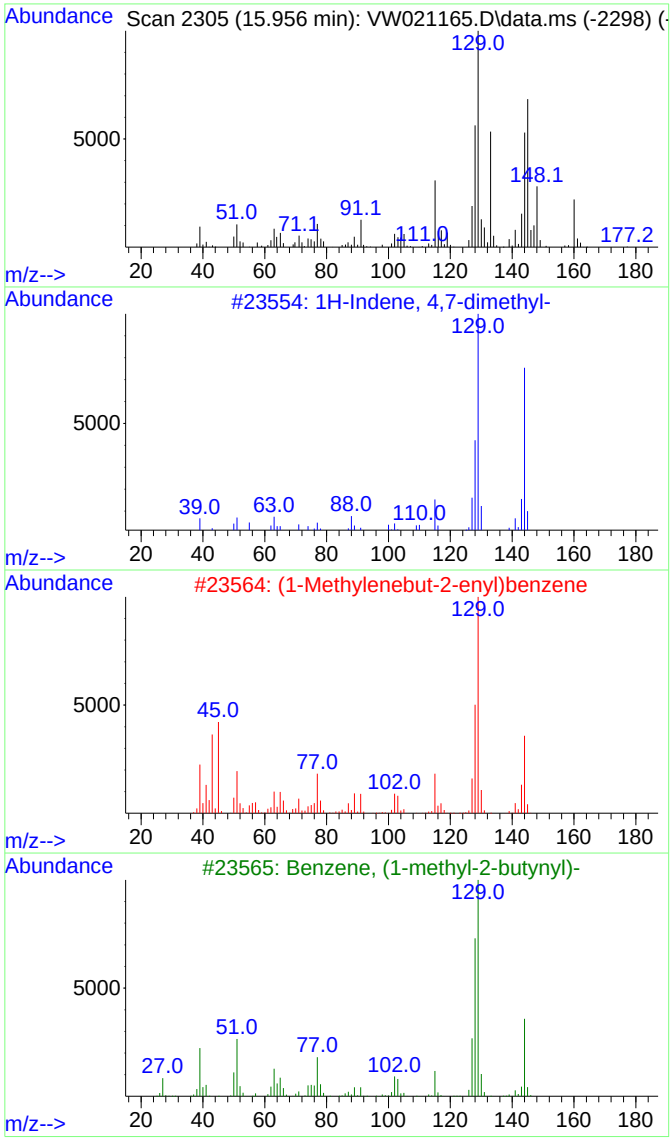
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

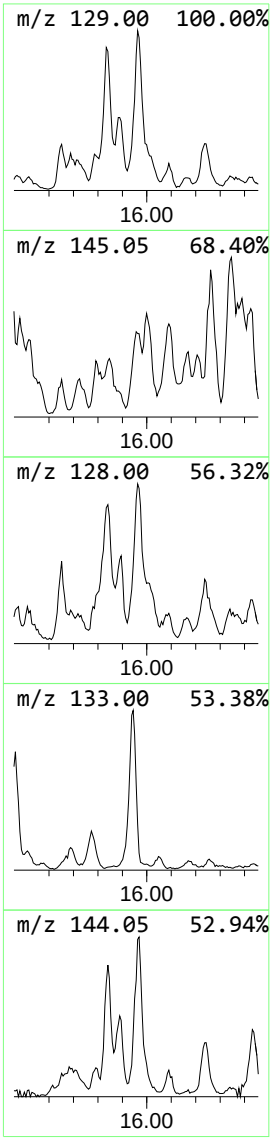
****

Peak Number 37 1H-Indene, 4,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.956	12.79 ug/L	220630	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	55
2	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	55
3	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	55
4	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	55
5	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

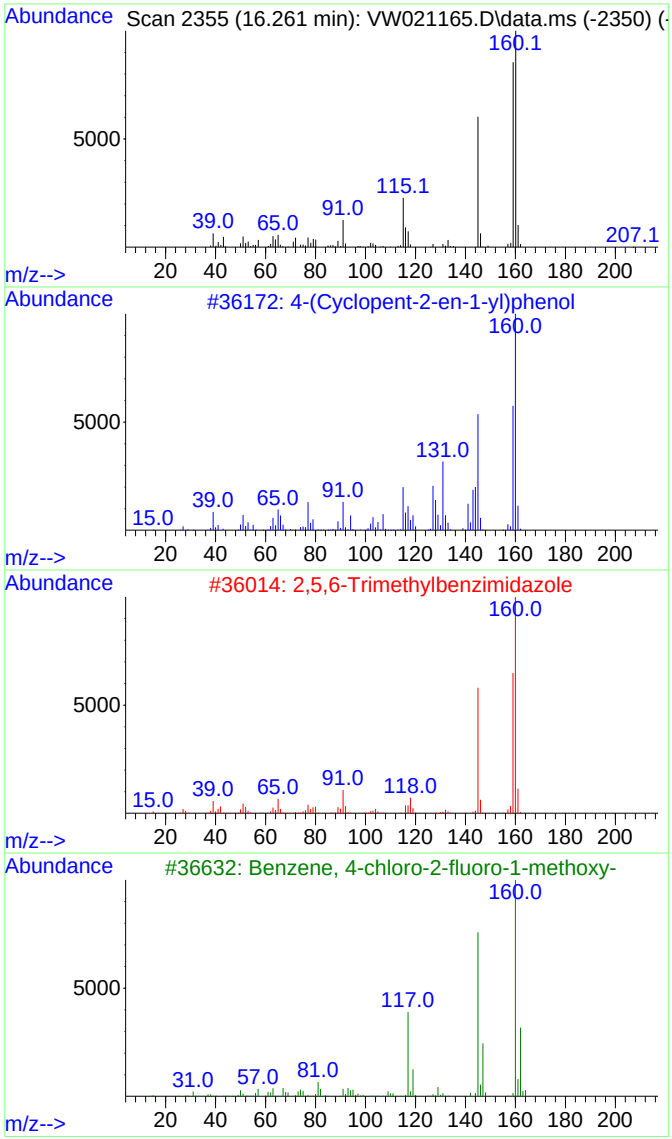
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

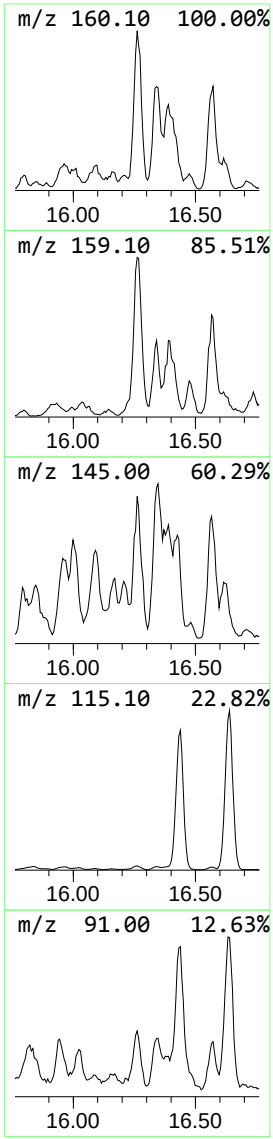
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 4-(Cyclopent-2-en-1-yl)phenol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.261	12.57 ug/L	216768	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Cyclopent-2-en-1-yl)phenol	160	C11H12O	006627-84-5	53
2	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	53
3	Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	43
4	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	38
5	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

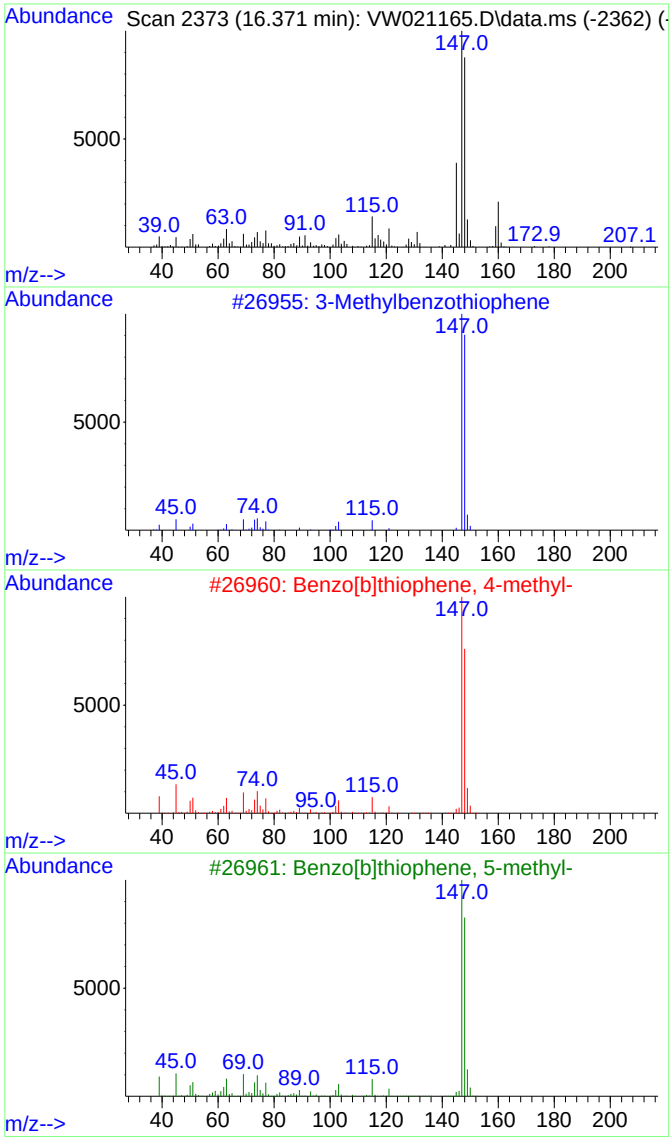
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

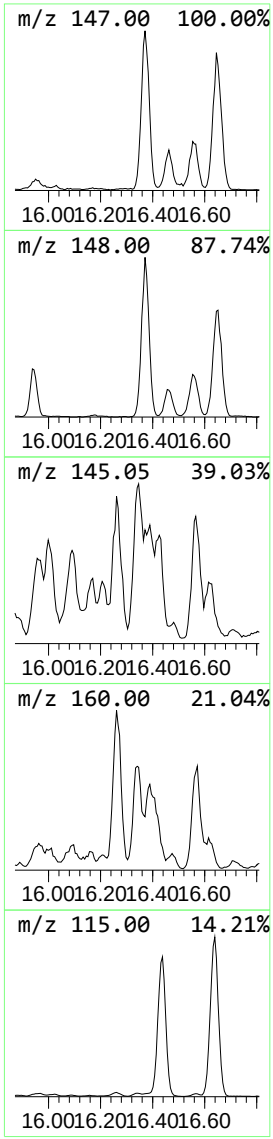
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 3-Methylbenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.371	22.12 ug/L	381388	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	64
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	64
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	64
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	58
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

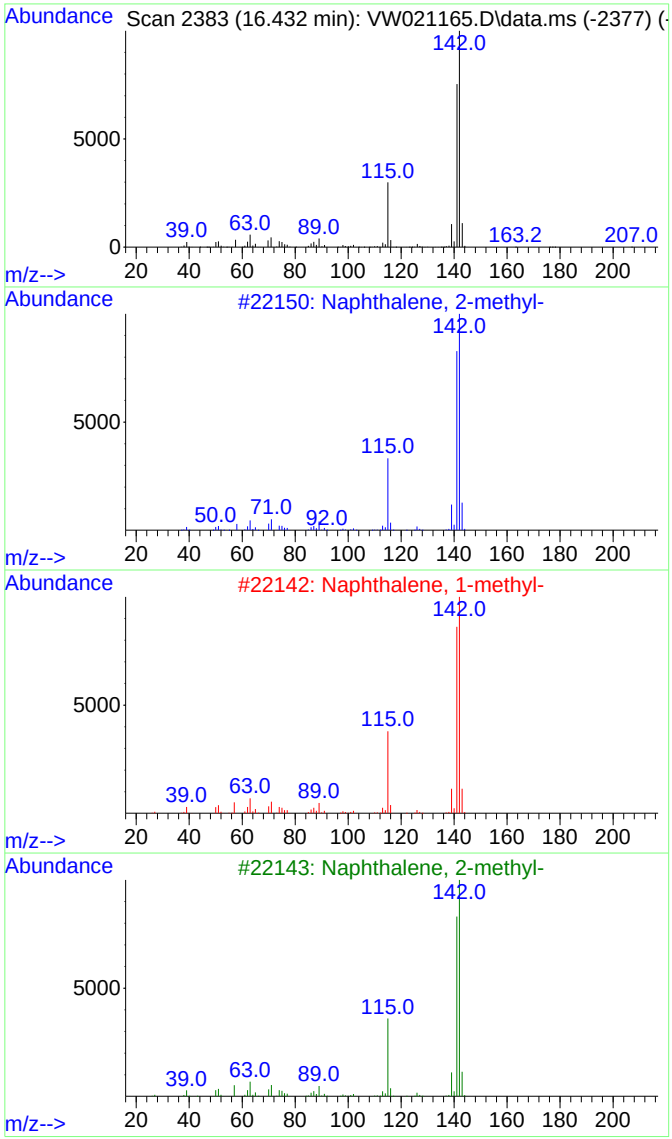
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

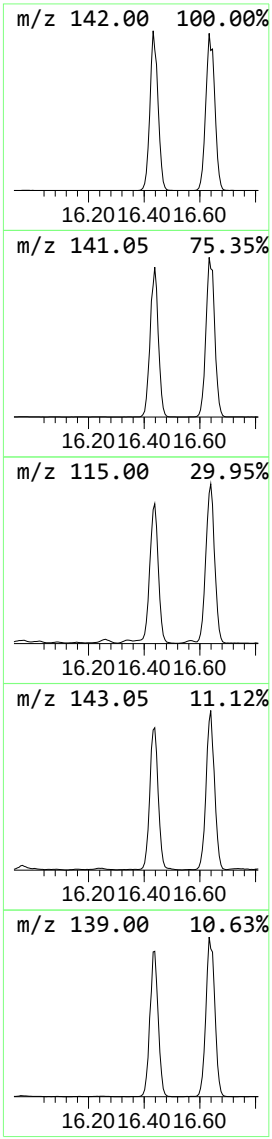
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	229.52 ug/L	3958020	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

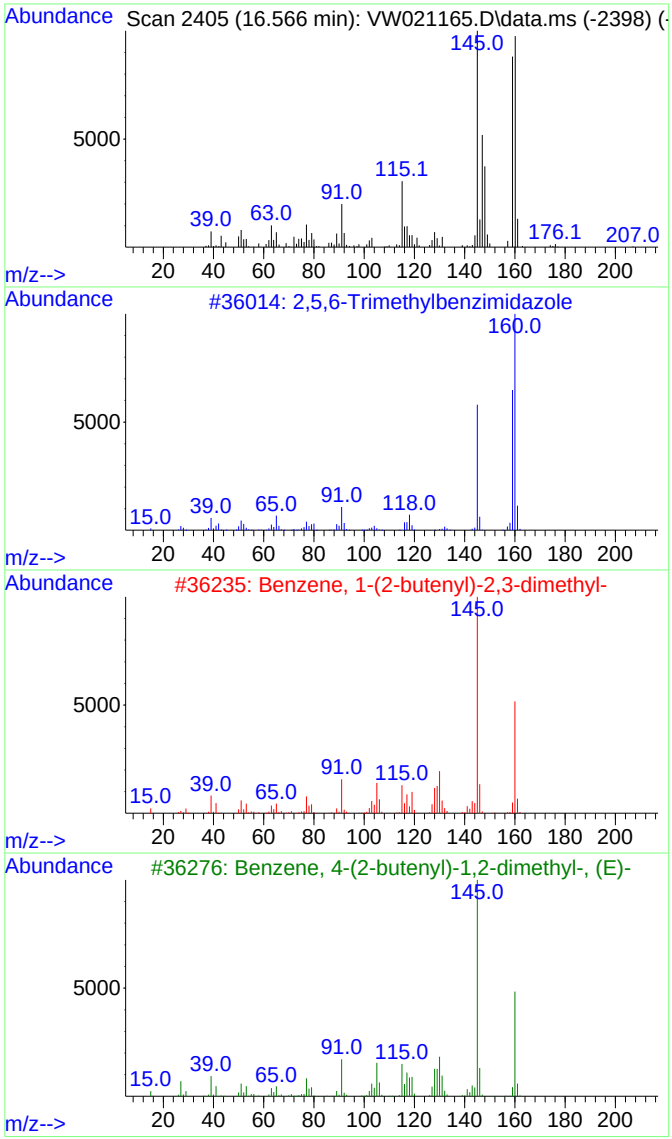
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

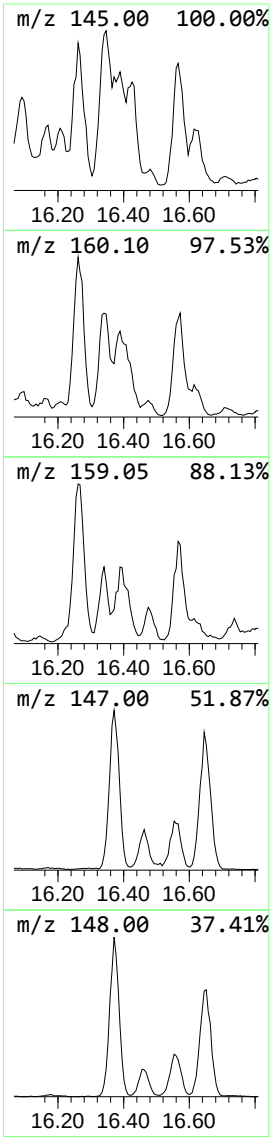
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 2,5,6-Trimethylbenzimidazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.566	10.48 ug/L	180783	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	76
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	55
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	55
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	55
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

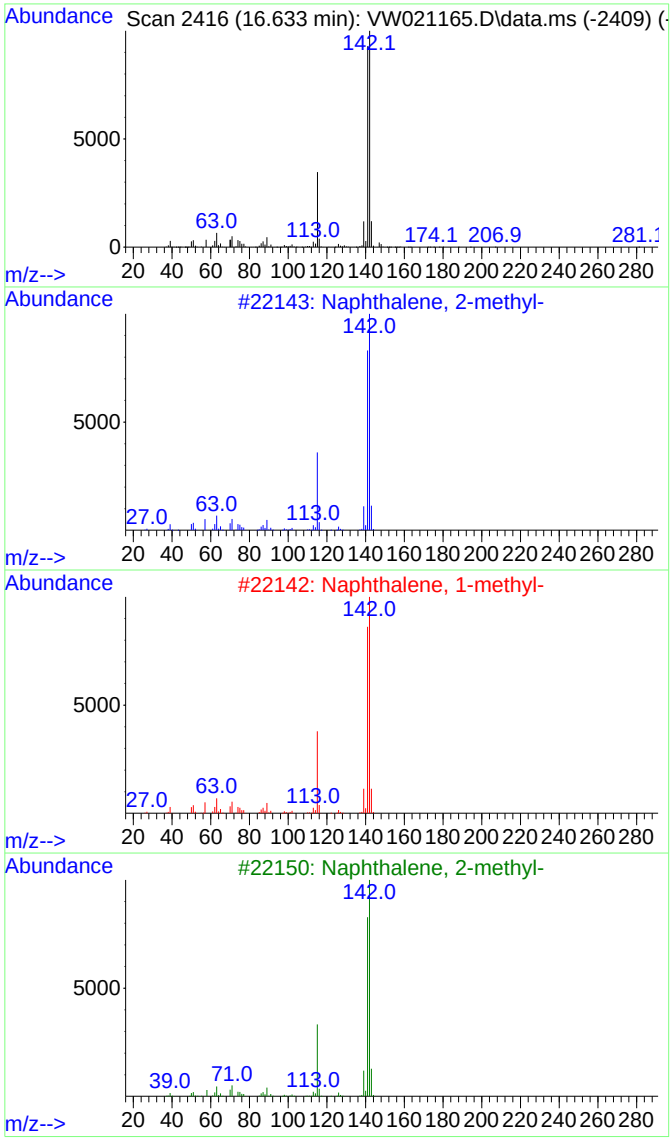
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

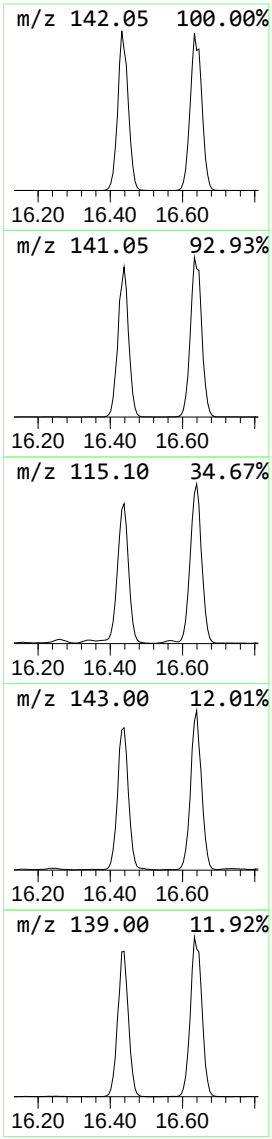
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	260.99 ug/L	4500690	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021165.D
Acq On : 06 Dec 2021 13:33
Operator : SY/VA
Sample : M4885-22RE
Misc : 3.28g/10.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.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, 1-ethy...	12.865	4.2	ug/L	73124	3	13.554	431122	25.0
.alpha.-Methyls...	13.115	7.4	ug/L	127808	3	13.554	431122	25.0
Benzene, 1-ethe...	13.347	4.5	ug/L	77965	3	13.554	431122	25.0
Benzofuran	13.475	6.8	ug/L	117367	3	13.554	431122	25.0
Benzene, 1-prop...	13.749	5.6	ug/L	96249	3	13.554	431122	25.0
Benzene, 1-ethy...	13.780	22.0	ug/L	380089	3	13.554	431122	25.0
Indene	13.932	129.8	ug/L	2238310	3	13.554	431122	25.0
Benzene, 2-ethy...	14.005	6.5	ug/L	112760	3	13.554	431122	25.0
Benzene, 2-ethy...	14.091	15.3	ug/L	263126	3	13.554	431122	25.0
3-Phenylbut-1-ene	14.201	8.3	ug/L	142514	3	13.554	431122	25.0
o-Cymene	14.335	4.2	ug/L	72483	3	13.554	431122	25.0
Benzene, 1,2,3,...	14.414	51.0	ug/L	878950	3	13.554	431122	25.0
Benzene, 1,2,3,...	14.451	26.8	ug/L	462801	3	13.554	431122	25.0
3,4-Dimethylcumene	14.560	11.4	ug/L	196458	3	13.554	431122	25.0
1-Phenyl-1-butene	14.682	7.4	ug/L	127083	3	13.554	431122	25.0
(DEL) Alkane: S...	14.719	6.8	ug/L	116629	3	13.554	431122	25.0
Benzene, 1,2,4,...	14.786	46.5	ug/L	801036	3	13.554	431122	25.0
Benzene, 1-buty...	14.865	35.1	ug/L	604622	3	13.554	431122	25.0
2-Methylindene	14.950	50.6	ug/L	872536	3	13.554	431122	25.0
1,5,6,7-Tetrame...	15.060	34.0	ug/L	586228	3	13.554	431122	25.0
Benzene, 1-meth...	15.170	10.9	ug/L	187629	3	13.554	431122	25.0
1H-Benzimidazol...	15.280	32.7	ug/L	563992	3	13.554	431122	25.0
Azulene	15.359	269.4	ug/L	4645430	3	13.554	431122	25.0
Cyclopenta[c]th...	15.456	21.7	ug/L	374128	3	13.554	431122	25.0
1H-Indene, 2,3-...	15.652	10.5	ug/L	180356	3	13.554	431122	25.0
1H-Indene, 4,7-...	15.956	12.8	ug/L	220630	3	13.554	431122	25.0
4-(Cyclopent-2-...	16.261	12.6	ug/L	216768	3	13.554	431122	25.0
3-Methylbenzoth...	16.371	22.1	ug/L	381388	3	13.554	431122	25.0
Naphthalene, 2-...	16.432	229.5	ug/L	3958020	3	13.554	431122	25.0
2,5,6-Trimethyl...	16.566	10.5	ug/L	180783	3	13.554	431122	25.0
Naphthalene, 1-...	16.633	261.0	ug/L	4500690	3	13.554	431122	25.0