LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

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_X\Method\SFAMXLM111121WMA.M
Title : VOC Analysis

Signal : TIC: VX025238.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.154	9	11	15	rVB	3421	3223	0.01%	0.002%
2	1.252	23	27	43	rBV	246049	901765	1.53%	0.612%
3	1.660	91	94	99	rVB	43402	51921	0.09%	0.035%
4	2.306	194	200	208	rBV	77080	130647	0.22%	0.089%
5	2.380	208	212	216	rBV	6754	9799	0.02%	0.007%
6	2.514	229	234	235	rBV	4321	5788	0.01%	0.004%
7	3.898	458	461	469	rVV5	848	1897	0.00%	0.001%
8	3.995	472	477	486	rVB6	1163	3001	0.01%	0.002%
9	4.459	543	553	566	rBV	43744	122716	0.21%	0.083%
10	5.062	640	652	666	rBV	47538	146557	0.25%	0.100%
11	5.970	788	801	805	rBV2	126188	346348	0.59%	0.235%
12	6.044	807	813	831	rVB	557531	1436458	2.44%	0.976%
13	6.385	861	869	879	rVB2	4261	10296	0.02%	0.007%
14	6.641	904	911	917	rBV3	649	1487	0.00%	0.001%
15	6.763	922	931	942	rBV	93281	219639	0.37%	0.149%
16	7.312	1012	1021	1033	rBV	76273	166334	0.28%	0.113%
17	8.324	1180	1187	1197	rBV	54572	90465	0.15%	0.061%
18	8.580	1223	1229	1233	rBV4	1208	2008	0.00%	0.001%
19	8.653	1234	1241	1246	rVV	197049	314687	0.53%	0.214%
20	8.720	1246	1252	1269	rVV	2943546	4554275	7.72%	3.093%
21	8.848	1269	1273	1280	rVV	14518	22968	0.04%	0.016%
22	8.952	1284	1290	1296	rVV	40107	58976	0.10%	0.040%
23	9.013	1296	1300	1307	rVB	14836	22566	0.04%	0.015%
24	9.275	1339	1343	1349	rBV5	1755	2424	0.00%	0.002%
25	9.384	1356	1361	1376	rBV	190436	270747	0.46%	0.184%
26	9.616	1395	1399	1405	rVB5	1007	1713	0.00%	0.001%
27	10.055	1465	1471	1488	rVV	198093	276304	0.47%	0.188%
28	10.195	1488	1494	1504	rVV	3079148	3995854	6.78%	2.714%
29	10.305	1504	1512	1526	rVV	3136313	4251110	7.21%	2.887%
30	10.415	1526	1530	1531	rVV2	2230	2474	0.00%	0.002%
31	10.445	1531	1535	1543	rVB2	30639	47285	0.08%	0.032%
32	10.518	1543	1547	1552	rBV2	1062	1560	0.00%	0.001%
33	10.604	1556	1561	1563	rBV	19528	26690	0.05%	0.018%
34	10.646	1563	1568	1582	rVB2	1961027	2809251	4.76%	1.908%
35	10.835	1594	1599	1607	rVB	15193	19664	0.03%	0.013%
36	10.896	1607	1609	1614	rVB3	1376	1675	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

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_X\Method\SFAMXLM111121WMA.M
Title : VOC Analysis

37	10.963	1614	1620	1628	rBV	148600	182612	0.31%	0.124%
38	11.140	1643	1649	1651	rVV4	3021	5791	0.01%	0.004%
39	11.195	1651	1658	1662	rVV	165792	224861	0.38%	0.153%
40	11.244	1662	1666	1671	rVV	45750	53468	0.09%	0.036%
41	11.305	1671	1676	1683	rVV	59001	72751	0.12%	0.049%
42	11.378	1683	1688	1696	rVV	594143	1153067	1.96%	0.783%
43	11.451	1696	1700	1706	rVV	397926	501591	0.85%	0.341%
44	11.512	1706	1710	1713	rVV	19950	27253	0.05%	0.019%
45	11.549	1713	1716	1722	rVB	6543	9124	0.02%	0.006%
46	11.616	1722	1727	1740	rBV2	179077	329919	0.56%	0.224%
47	11.756	1742	1750	1754	rBV	1342746	1705979	2.89%	1.159%
48	11.811	1754	1759	1762	rVV	554042	683572	1.16%	0.464%
49	11.847	1762	1765	1769	rVV	154765	183910	0.31%	0.125%
50	11.890	1769	1772	1776	rVB3	17897	21801	0.04%	0.015%
51	11.963	1778	1784	1789	rVV	2334090	3012260	5.11%	2.046%
52	12.024	1789	1794	1798	rVV2	264495	390345	0.66%	0.265%
53	12.091	1800	1805	1809	rVV	590396	768217	1.30%	0.522%
54	12.134	1809	1812	1818	rVB2	257716	303211	0.51%	0.206%
55	12.250	1825	1831	1838	rBV	5453756	6906278	11.71%	4.690%
56	12.323	1838	1843	1848	rVB	339009	420644	0.71%	0.286%
57	12.421	1853	1859	1864	rBV	13339631	17636974	29.90%	11.978%
58	12.469	1864	1867	1871	rVB2	26587	33874	0.06%	0.023%
59	12.530	1873	1877	1879	rBV2	44668	59906	0.10%	0.041%
60	12.616	1885	1891	1894	rBV	97859	133472	0.23%	0.091%
61	12.652	1894	1897	1901	rVB	42382	54800	0.09%	0.037%
62	12.701	1901	1905	1910	rBV	244105	304837	0.52%	0.207%
63	12.750	1910	1913	1917	rVB	57300	70305	0.12%	0.048%
64	12.798	1917	1921	1925	rVB	41159	48766	0.08%	0.033%
65	12.884	1925	1935	1944	rBV5	570308	1358524	2.30%	0.923%
66	12.969	1944	1949	1953	rBV	1268803	1898308	3.22%	1.289%
67	13.128	1972	1975	1978	rVB	26228	28263	0.05%	0.019%
68	13.170	1978	1982	1992	rVB	321695	373246	0.63%	0.253%
69	13.292	1993	2002	2006	rBV2	563186	831461	1.41%	0.565%
70	13.341	2006	2010	2018	rVB	1342248	1748017	2.96%	1.187%
71	13.426	2019	2024	2030	rBV	1388856	1780199	3.02%	1.209%
72	13.512	2032	2038	2042	rBV2	363684	551786	0.94%	0.375%
73	13.597	2048	2052	2055	rBV	34272	45026	0.08%	0.031%
74	13.743	2073	2076	2077	rBV	24348	25406	0.04%	0.017%
75	13.804	2077	2086	2088	rBV3	23564051	58978560	100.00%	40.053%
76	13.884	2094	2099	2104	rVB	5567767	6820500	11.56%	4.632%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

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_X\Method\SFAMXLM111121WMA.M
Title : VOC Analysis

77	13.969	2110	2113	2115	rBV2	35065	40898	0.07%	0.028%
78	13.999	2115	2118	2126	rVB	122349	163981	0.28%	0.111%
79	14.079	2127	2131	2133	rBV	40597	61088	0.10%	0.041%
80	14.176	2145	2147	2150	rVB	20079	20769	0.04%	0.014%
81	14.219	2150	2154	2157	rBV	70775	102821	0.17%	0.070%
82	14.323	2167	2171	2177	rBV2	57549	86196	0.15%	0.059%
83	14.384	2177	2181	2184	rBV2	57760	75245	0.13%	0.051%
84	14.469	2192	2195	2199	rBV3	13876	25737	0.04%	0.017%
85	14.603	2209	2217	2219	rBV	154917	234807	0.40%	0.159%
86	14.640	2219	2223	2232	rVB	5407177	6683604	11.33%	4.539%
87	14.725	2233	2237	2241	rBV	168103	219979	0.37%	0.149%
88	14.786	2241	2247	2253	rBV	4099418	5346606	9.07%	3.631%
89	15.207	2312	2316	2321	rVB	530394	675298	1.14%	0.459%
90	15.377	2340	2344	2347	rBV	88638	111226	0.19%	0.076%
91	15.481	2355	2361	2366	rBV	196495	322265	0.55%	0.219%
92	15.615	2378	2383	2386	rBV	281627	411220	0.70%	0.279%
93	15.743	2399	2404	2410	rVB2	21398	37409	0.06%	0.025%
94	15.835	2410	2419	2431	rBV	86255	223591	0.38%	0.152%
95	15.987	2439	2444	2454	rVB	54275	91917	0.16%	0.062%
96	16.091	2454	2461	2470	rVV	179708	311001	0.53%	0.211%
97	16.200	2474	2479	2484	rVB	11151	19613	0.03%	0.013%
98	16.328	2492	2500	2509	rBV	894793	1580838	2.68%	1.074%
99	16.536	2529	2534	2541	rBV2	17328	32983	0.06%	0.022%
100	16.688	2551	2559	2568	rVB	159036	302023	0.51%	0.205%

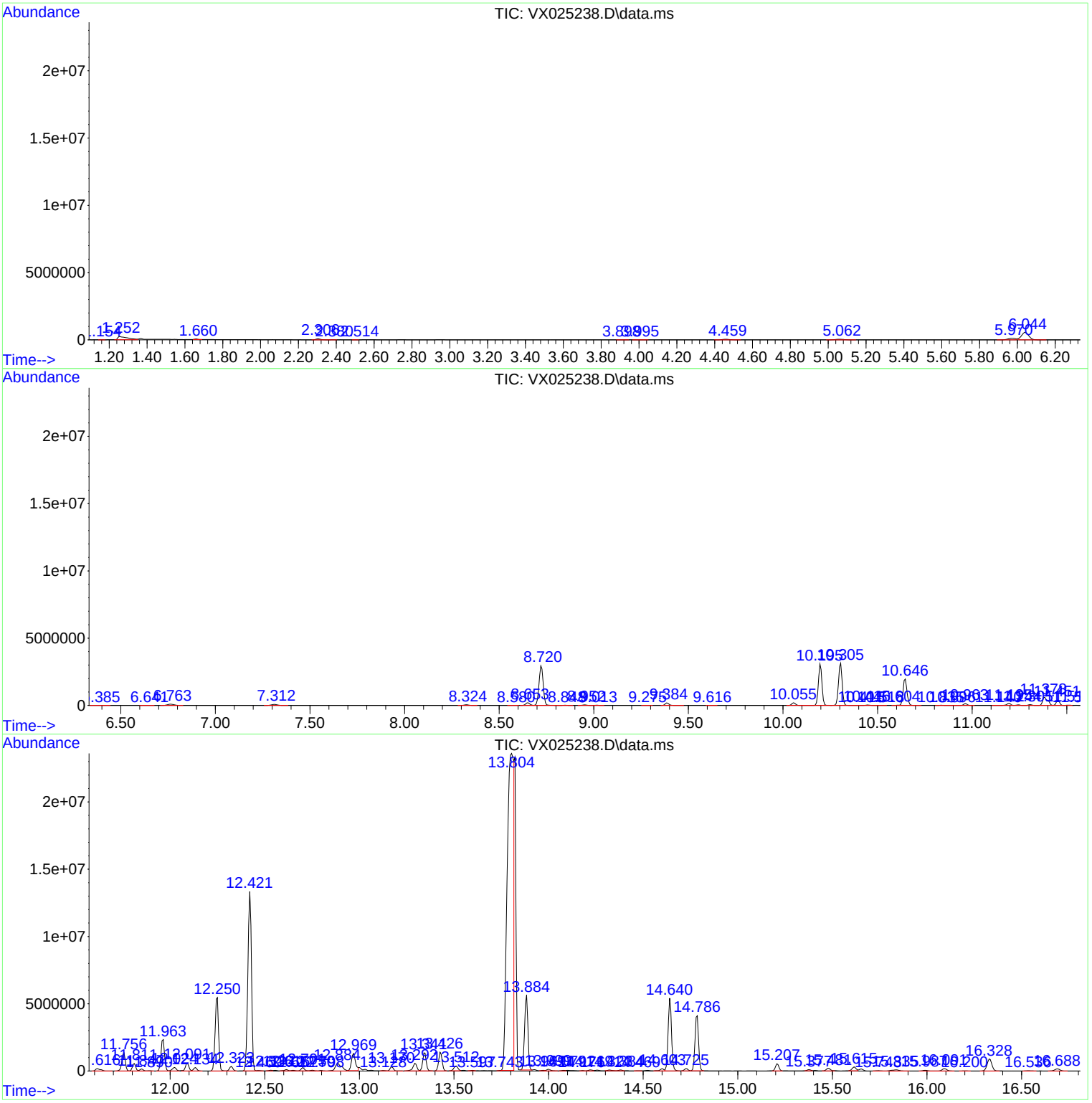
Sum of corrected areas: 147250571

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

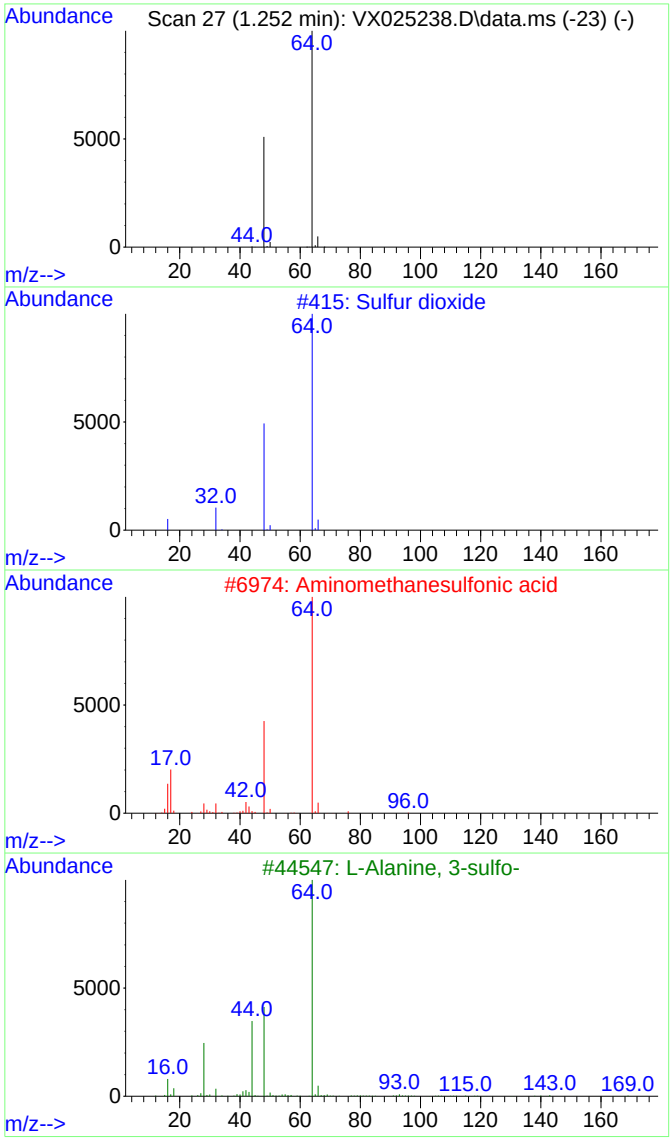
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

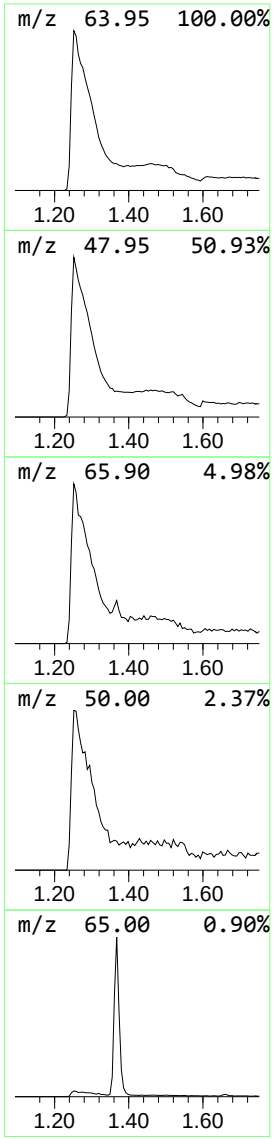
****

Peak Number 1 Sulfur dioxide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.252	205.28 ug/L	901765	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

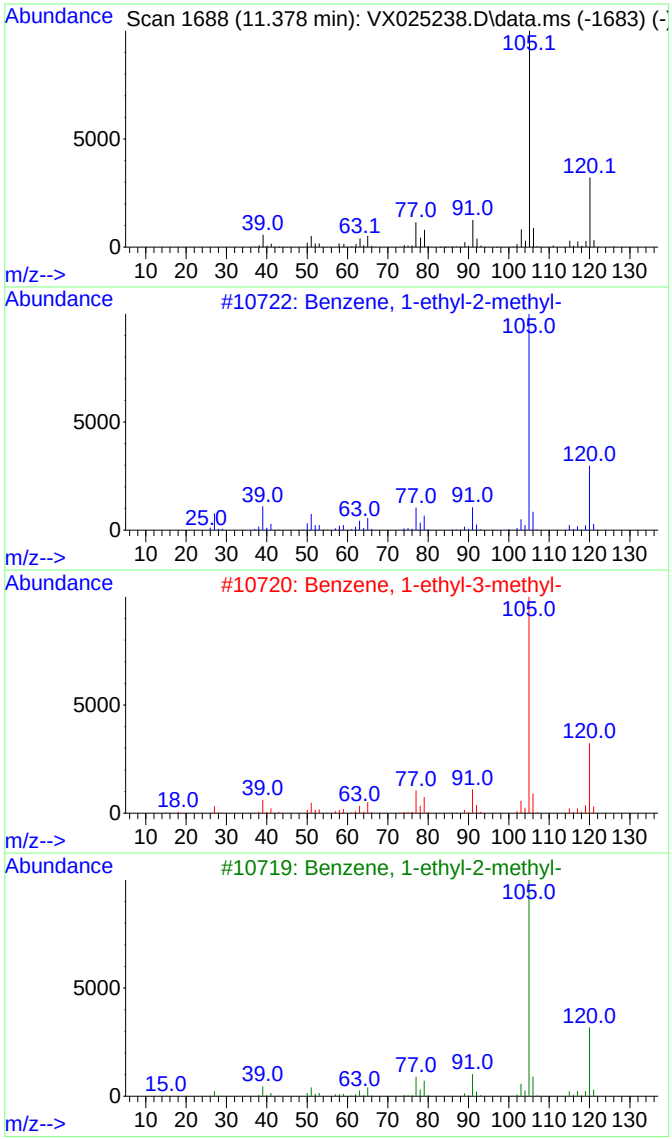
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

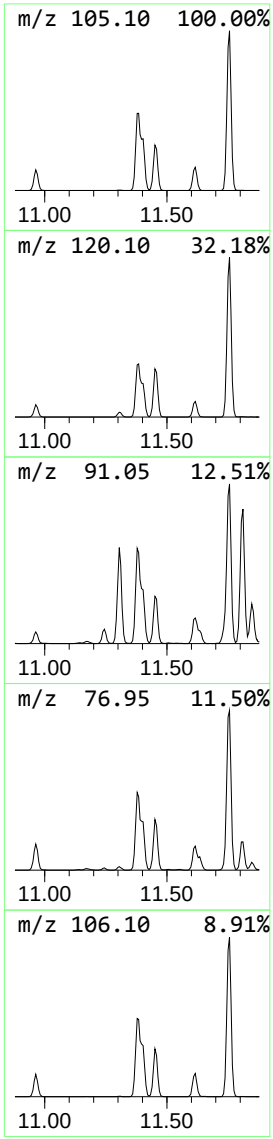
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	147.70 ug/L	1153070	1,4-Dichlorobenzene-d4	12.024

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

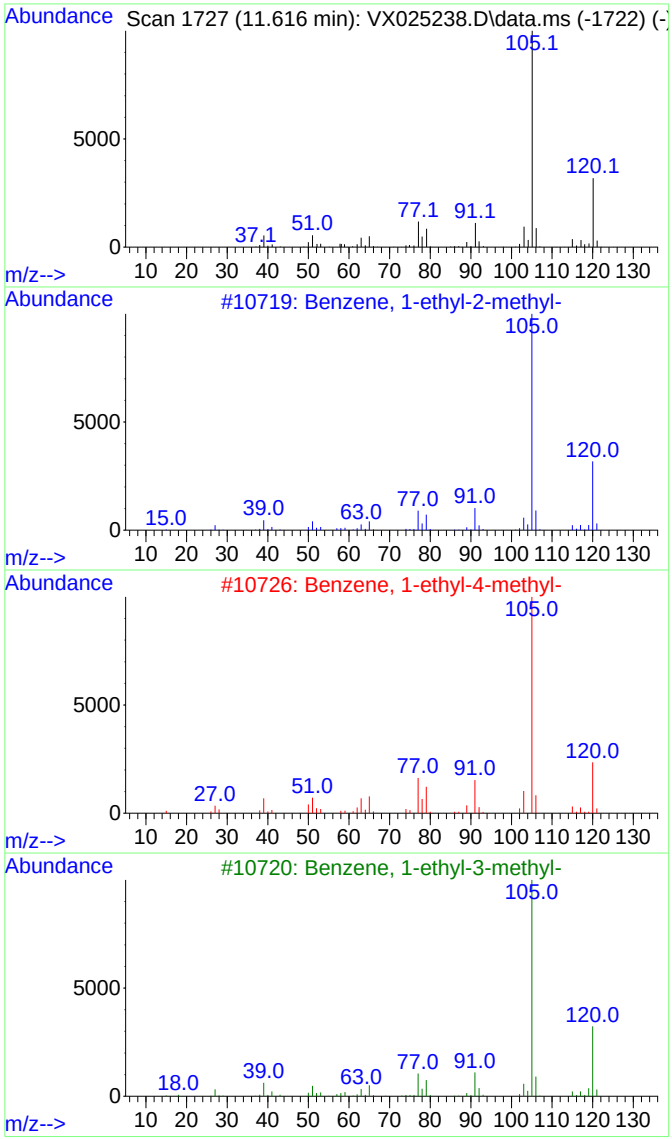
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

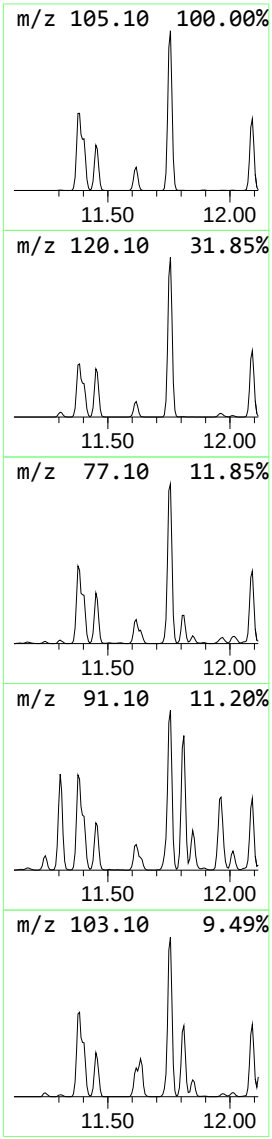
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	42.26 ug/L	329919	1,4-Dichlorobenzene-d4	12.024

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-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

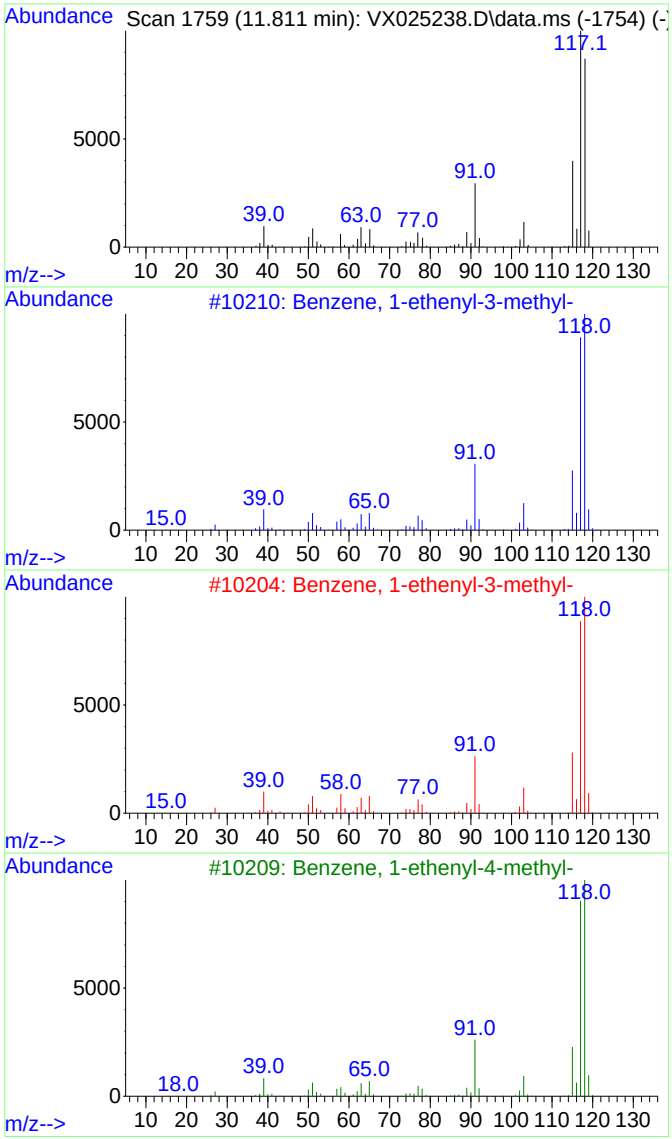
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

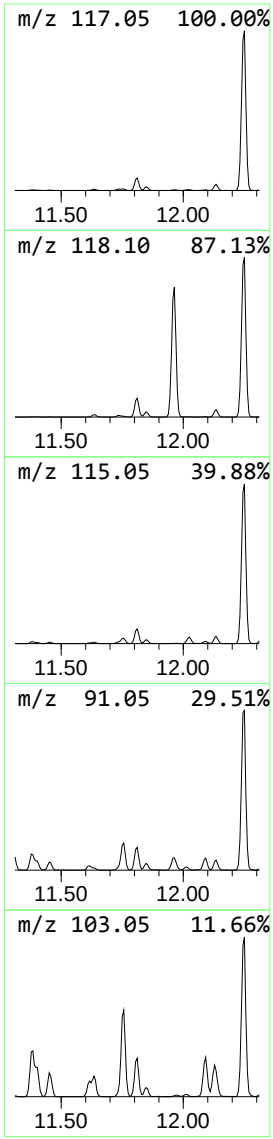
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethenyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.811	87.56 ug/L	683572	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

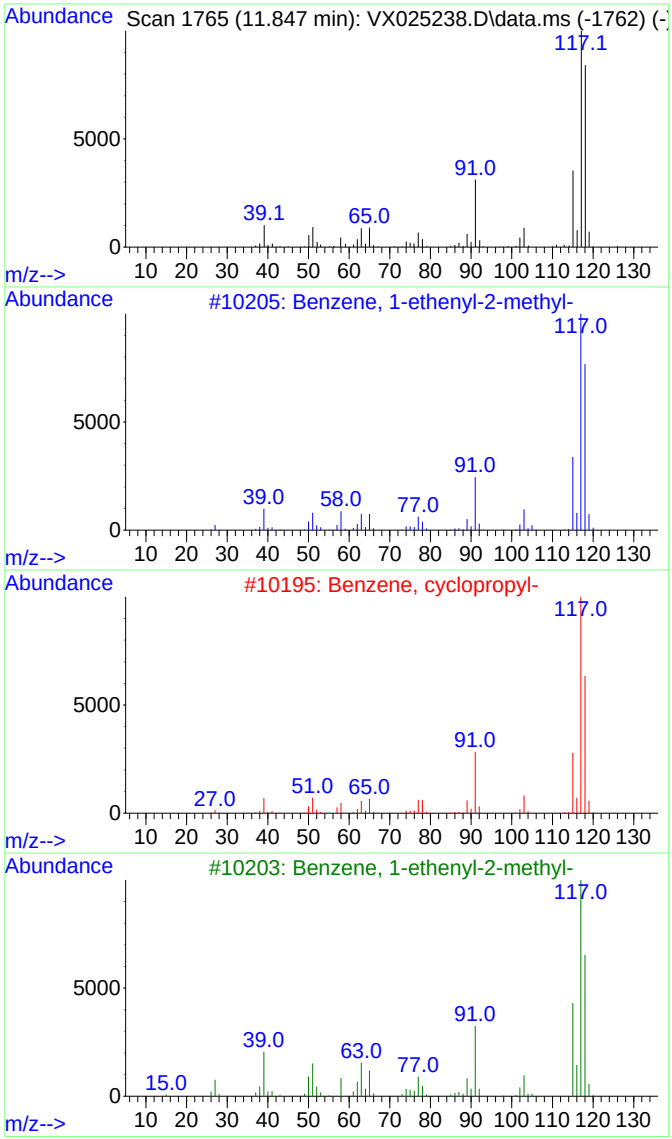
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

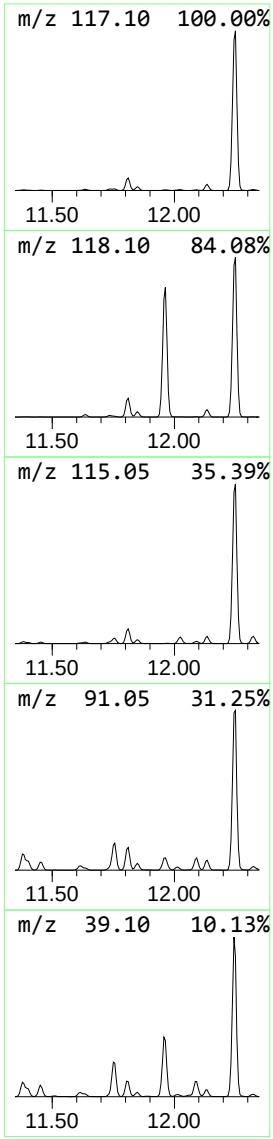
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, cyclopropyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.847	23.56 ug/L	183910	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

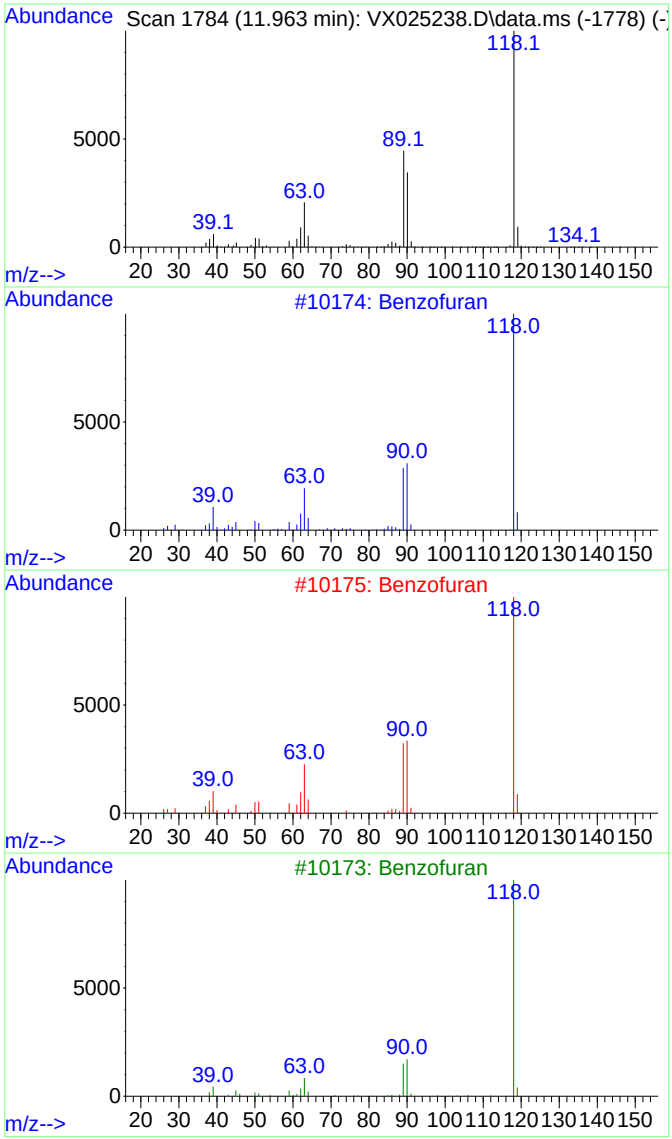
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

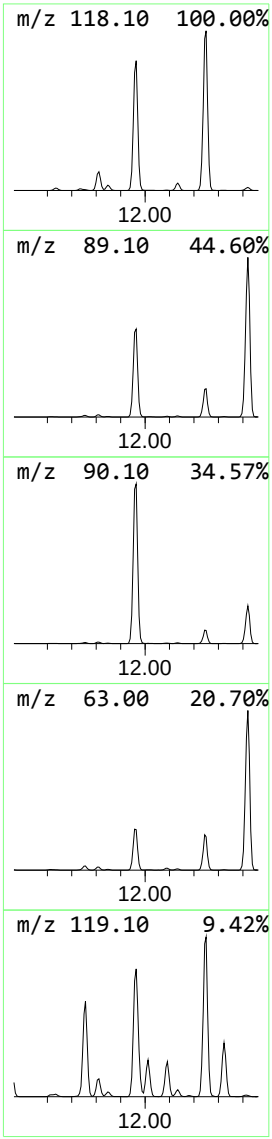
****

Peak Number 14 Benzofuran Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	385.85 ug/L	3012260	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	91
3	Benzofuran	118	C8H6O	000271-89-6	90
4	Benzofuran	118	C8H6O	000271-89-6	87
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

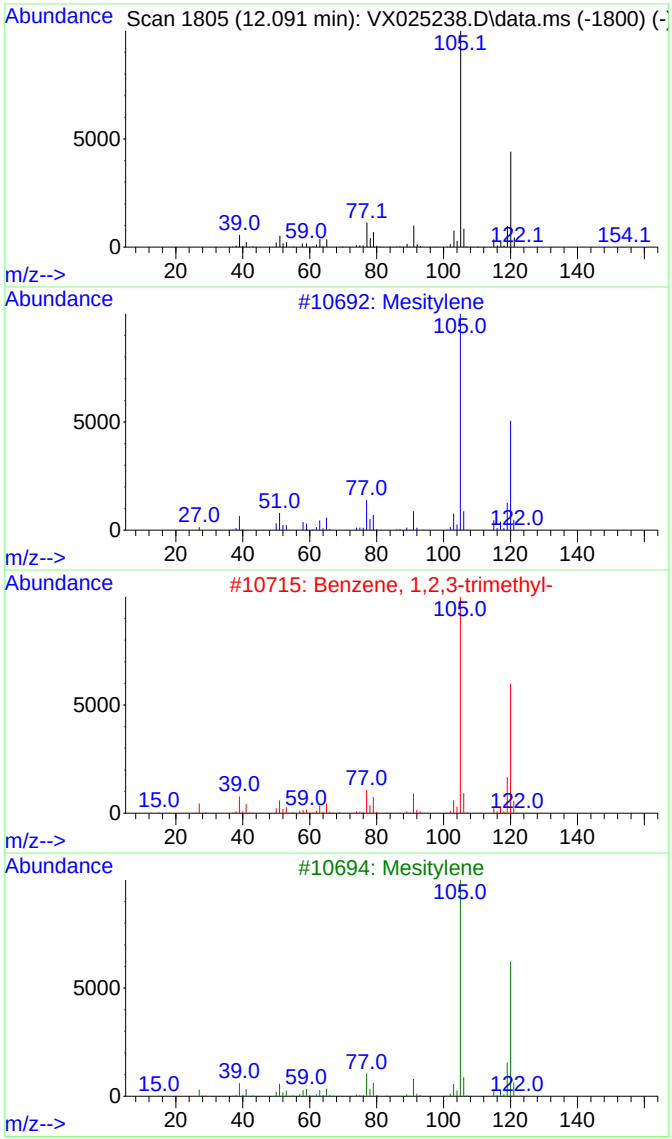
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

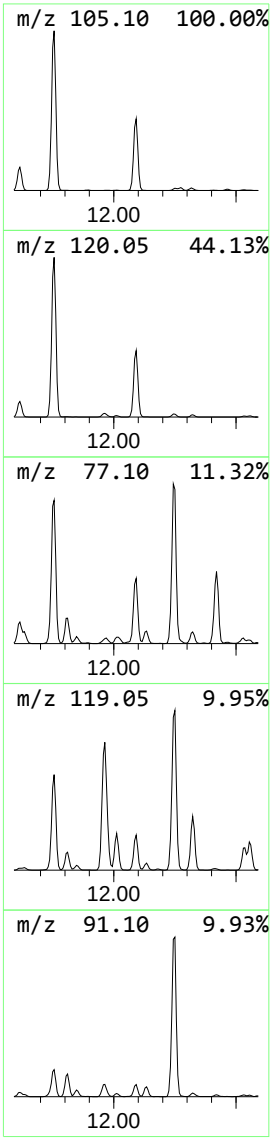
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	98.40 ug/L	768217	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

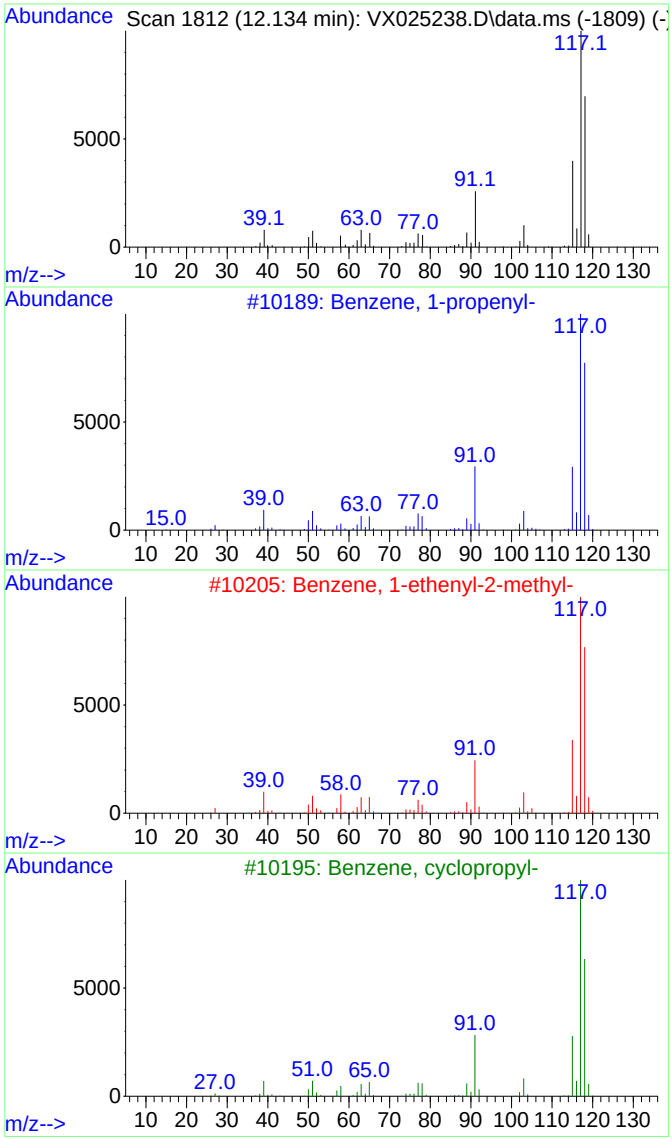
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

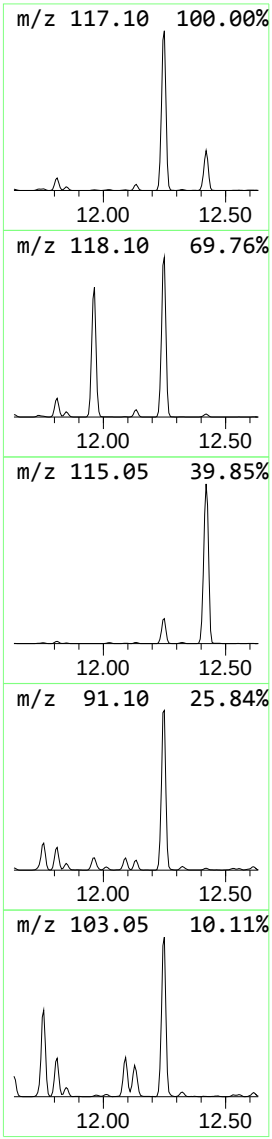
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-propenyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.134	38.84 ug/L	303211	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

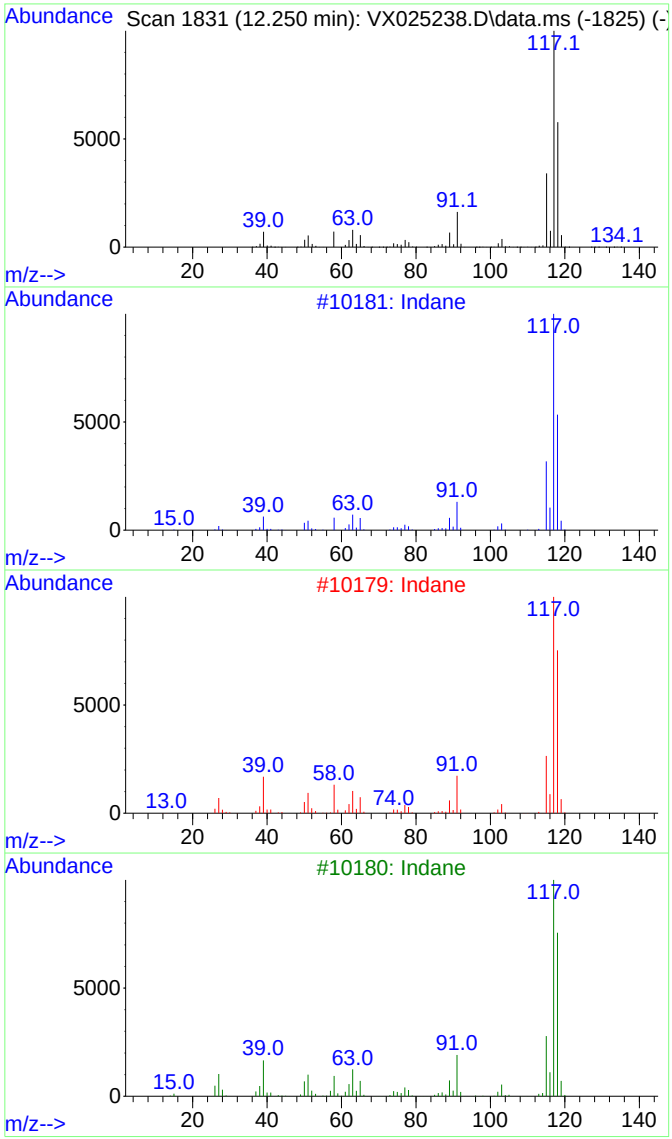
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

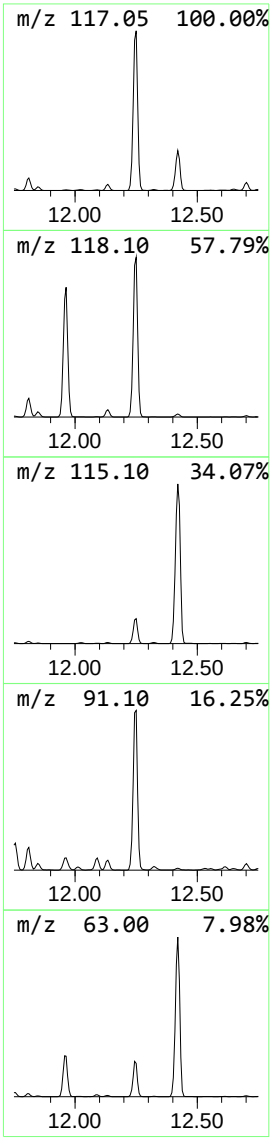
****

Peak Number 17 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	884.64 ug/L	6906280	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	90
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
5	Indane	118	C9H10	000496-11-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

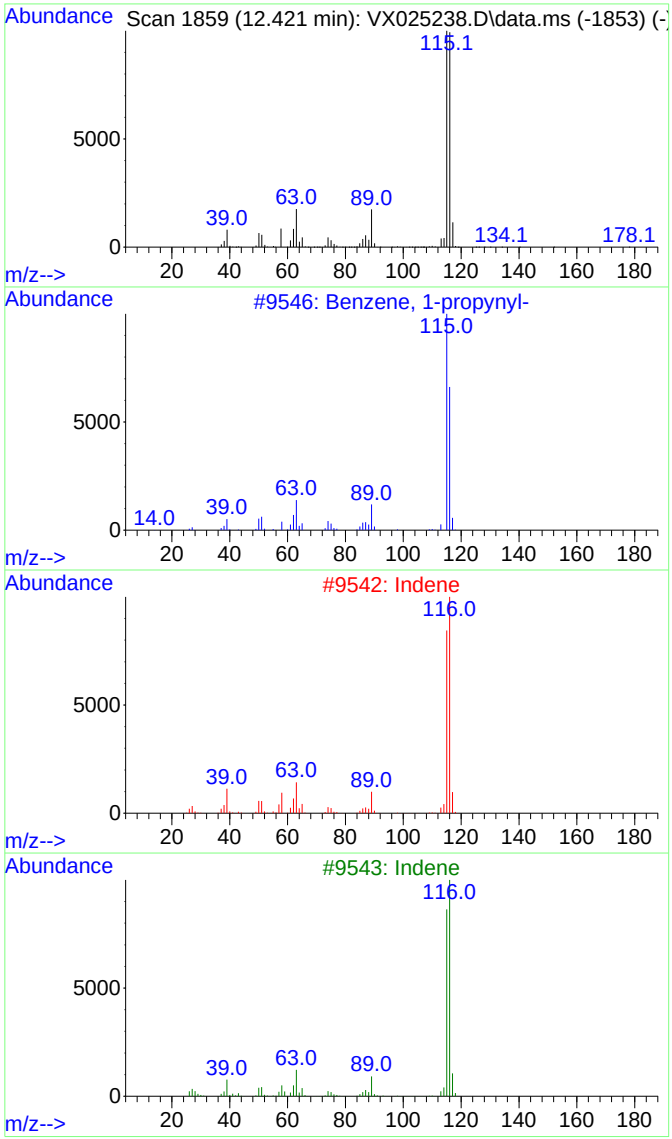
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

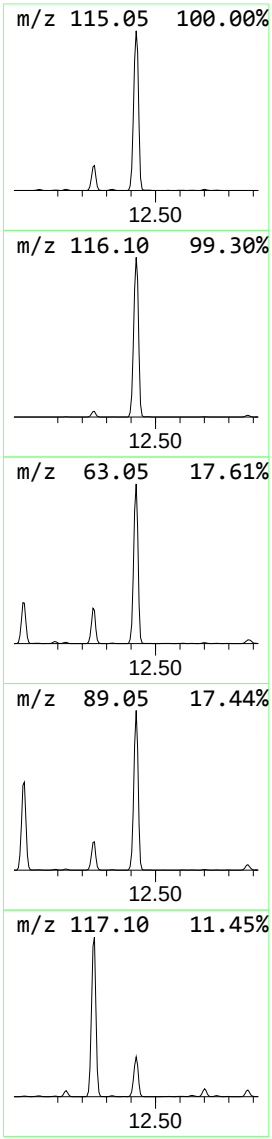
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-propynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	2259.15 ug/L	17637000	1,4-Dichlorobenzene-d4	12.024

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

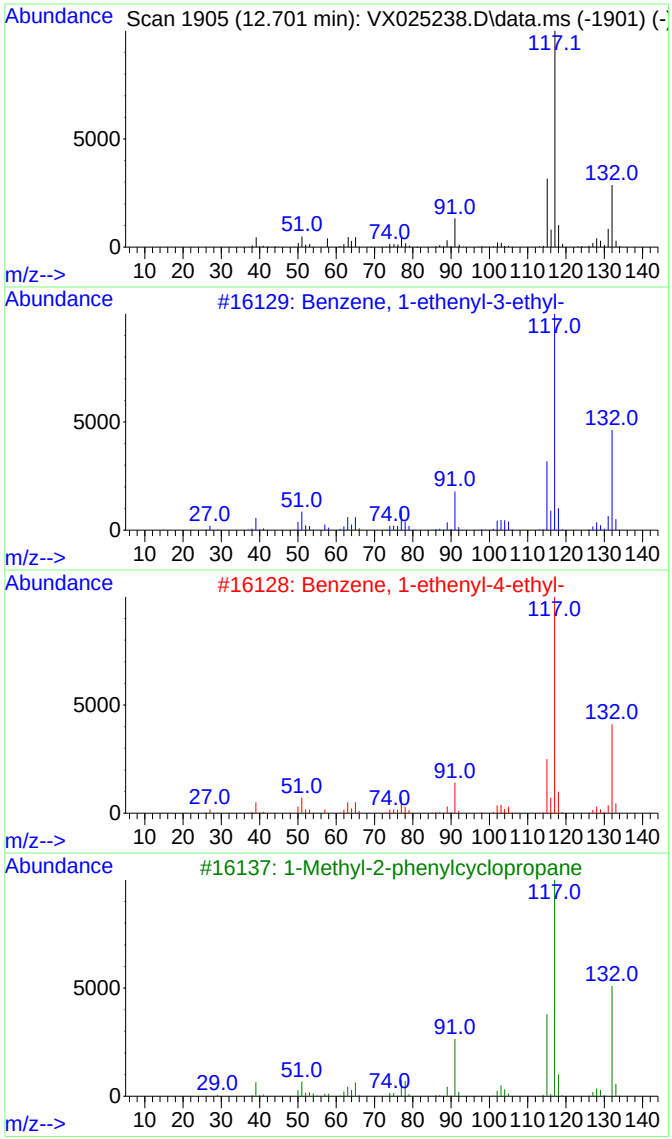
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

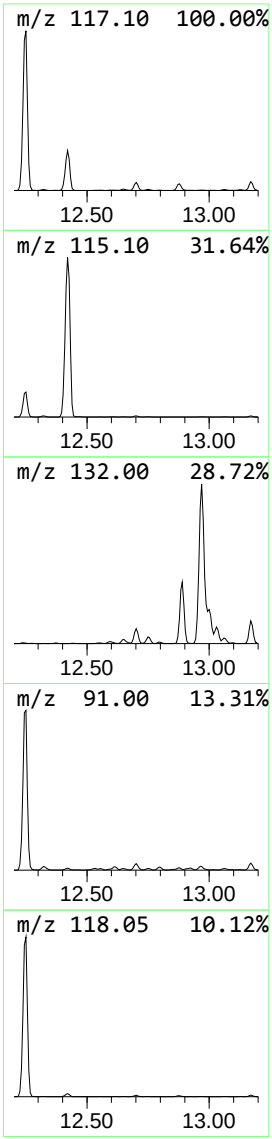
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	39.05 ug/L	304837	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

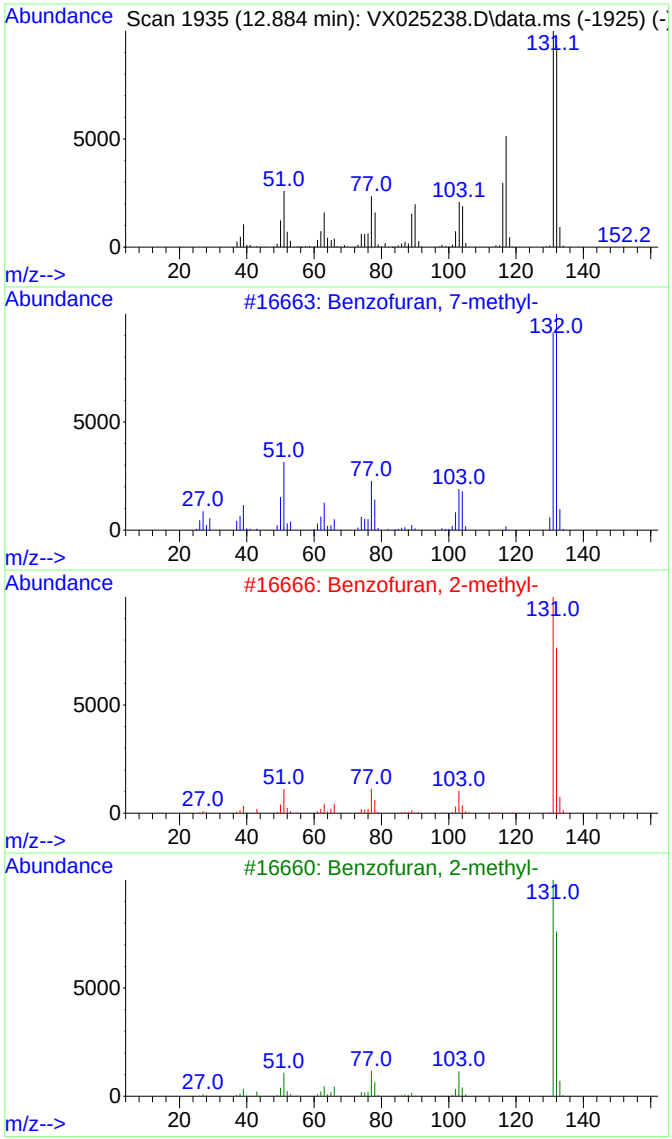
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

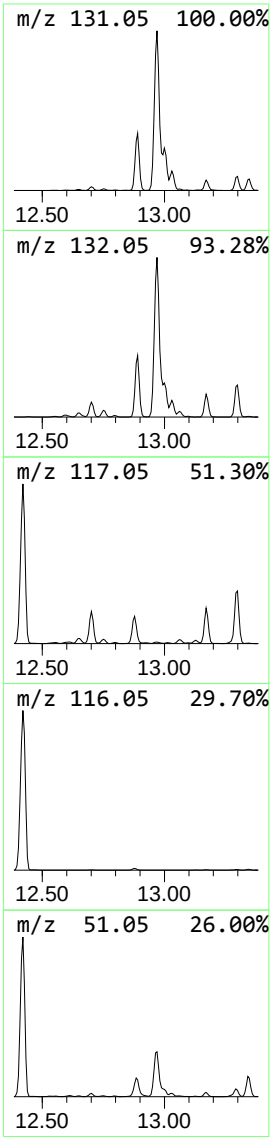
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzofuran, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.884	174.02 ug/L	1358520	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	92
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	70
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	70
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	70
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

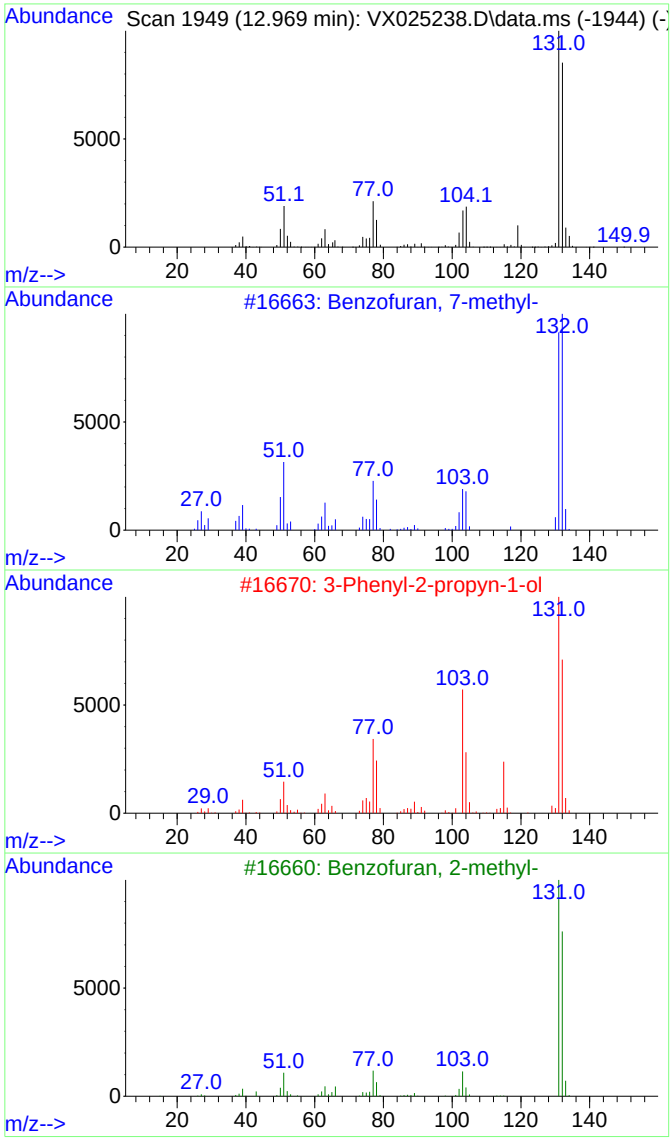
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

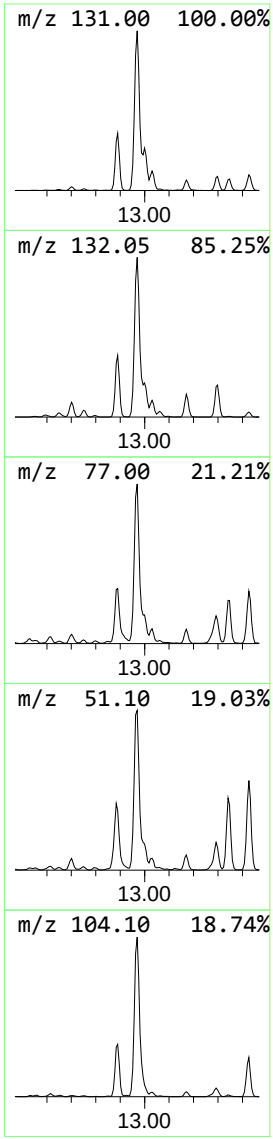
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 3-Phenyl-2-propyn-1-ol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.969	243.16 ug/L	1898310	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

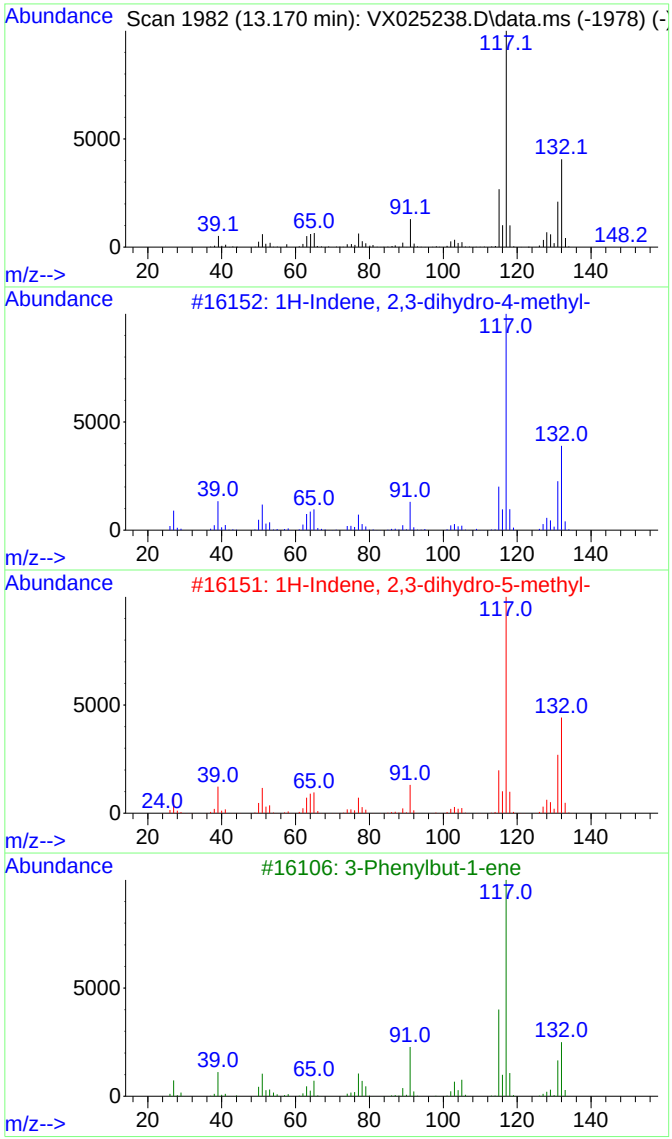
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

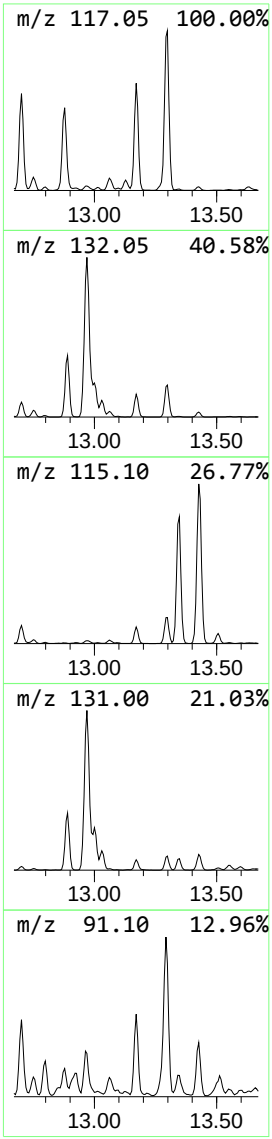
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.170	47.81 ug/L	373246	1,4-Dichlorobenzene-d4	12.024

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	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

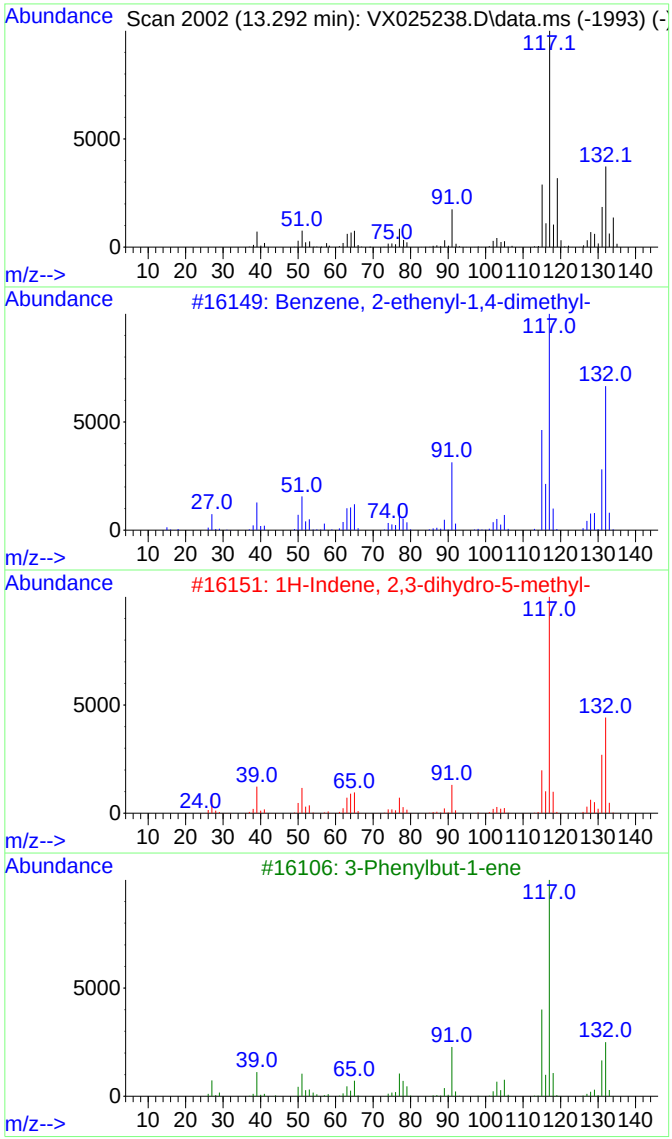
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

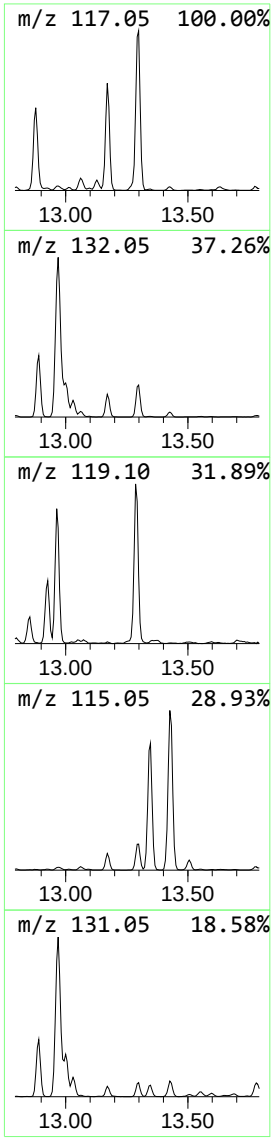
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	106.50 ug/L	831461	1,4-Dichlorobenzene-d4	12.024

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	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

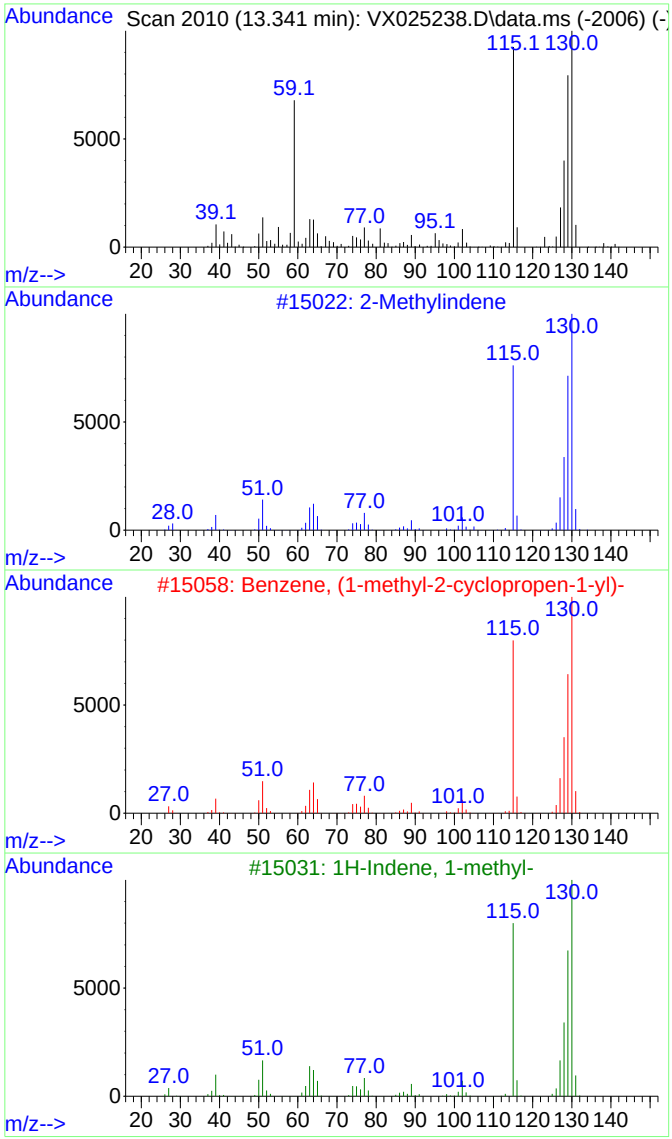
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

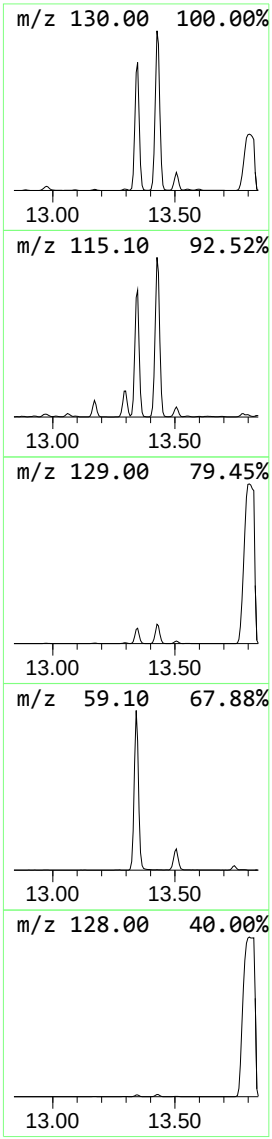
****

Peak Number 31 2-Methylindene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.341	223.91 ug/L	1748020	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

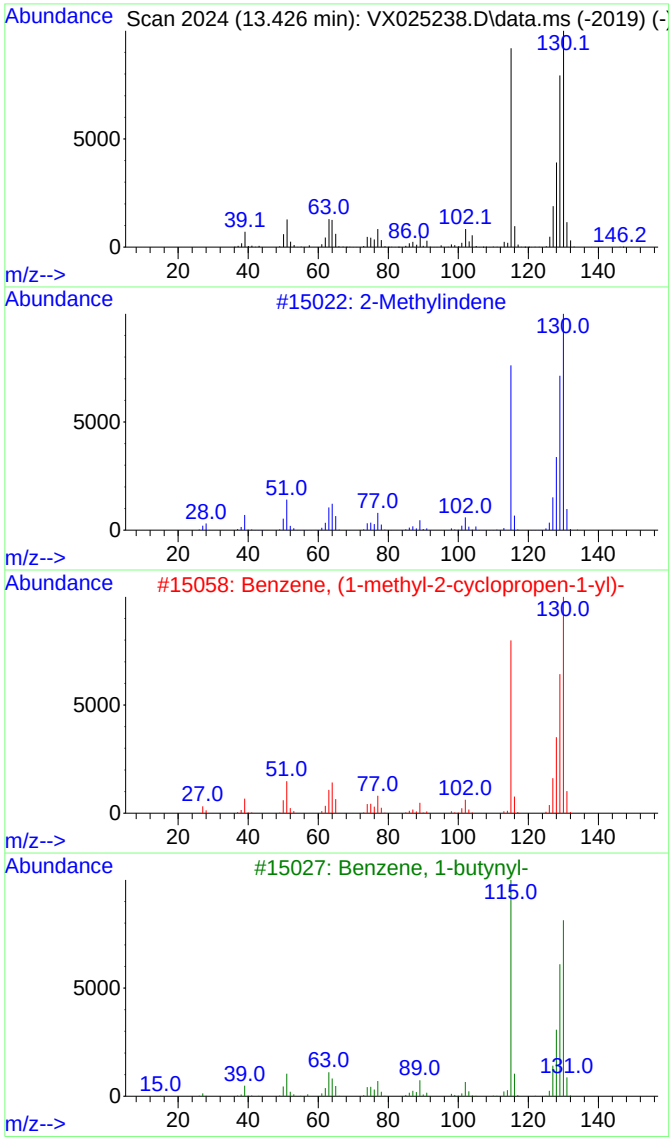
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

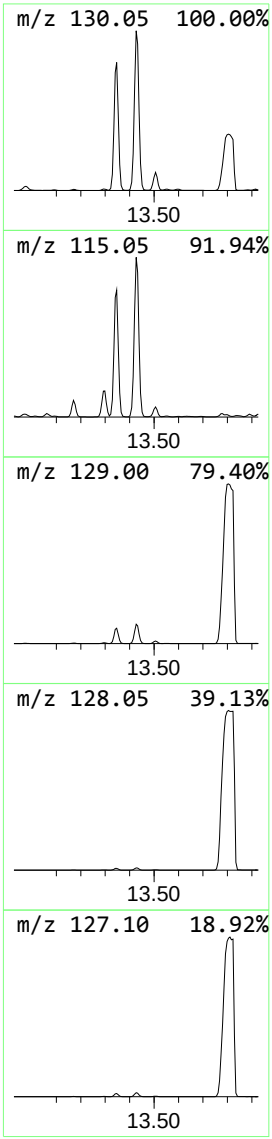
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, (1-methyl-2-cyclop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.426	228.03 ug/L	1780200	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

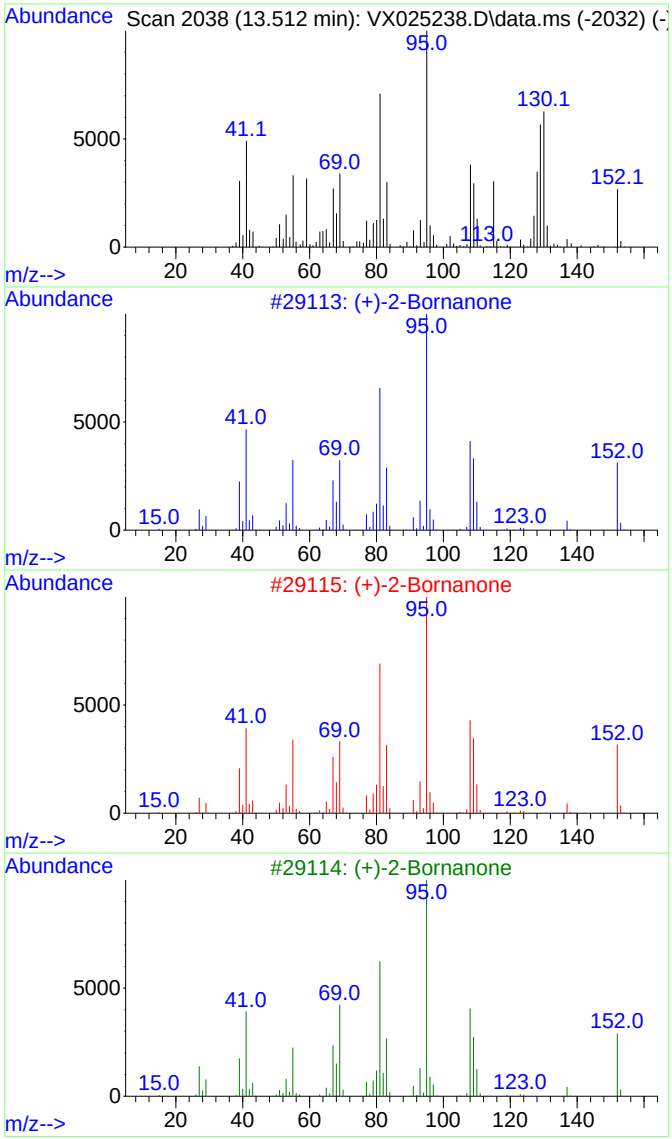
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

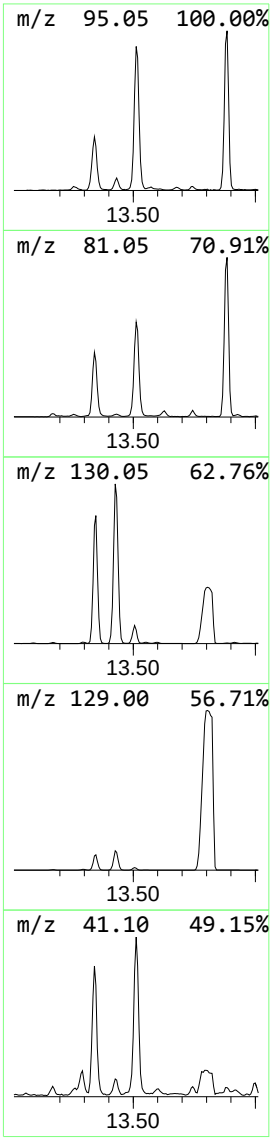
****

Peak Number 33 (+)-2-Bornanone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.512	70.68 ug/L	551786	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
4	Camphor	152	C10H16O	000076-22-2	96
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

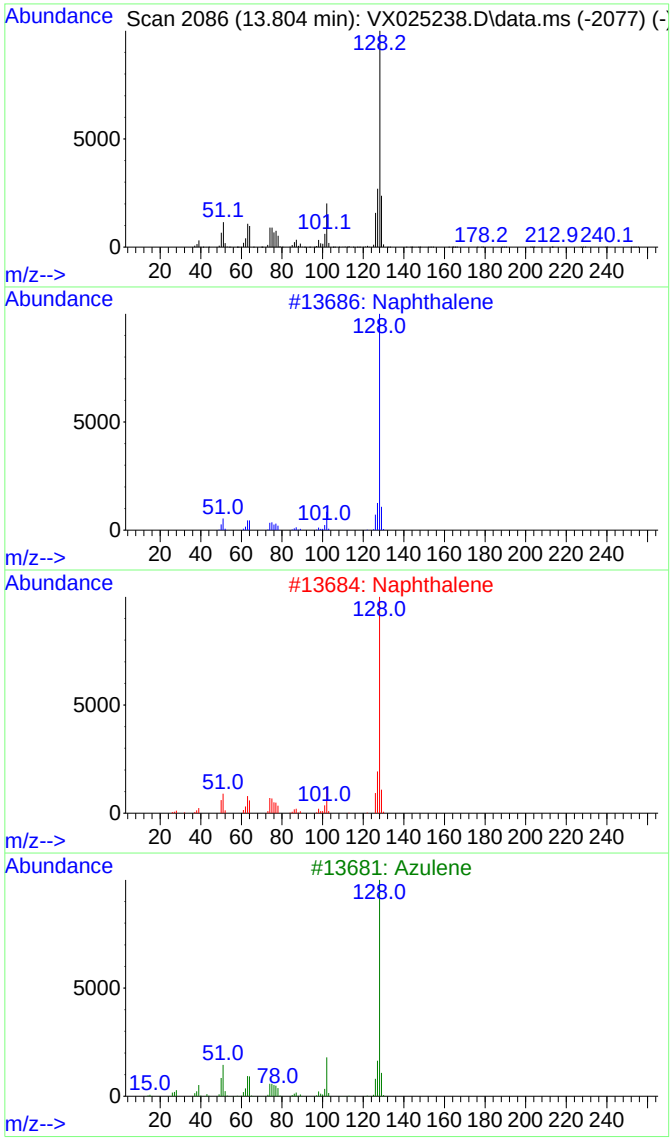
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

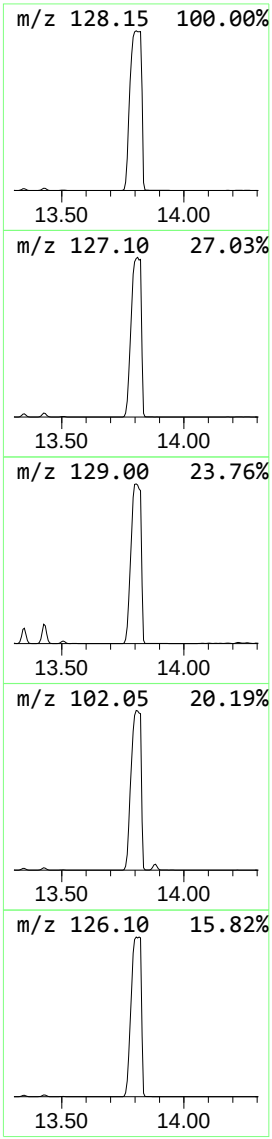
****

Peak Number 36 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	7554.67 ug/L	58978600	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	93
2	Naphthalene	128	C10H8	000091-20-3	90
3	Azulene	128	C10H8	000275-51-4	81
4	Azulene	128	C10H8	000275-51-4	81
5	Azulene	128	C10H8	000275-51-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

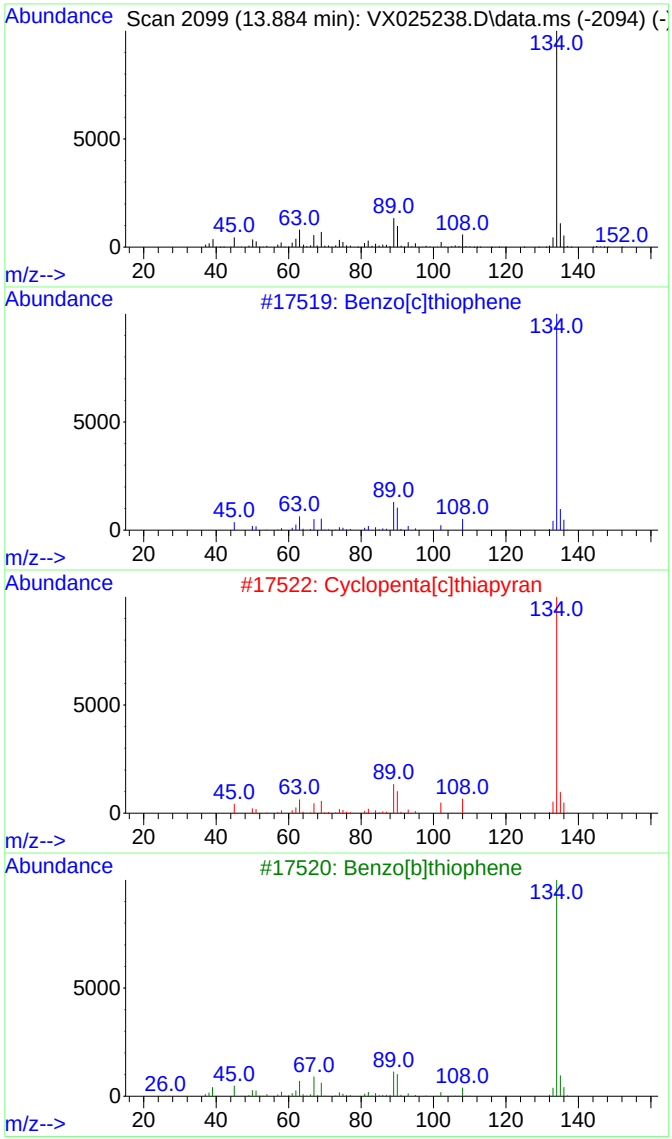
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

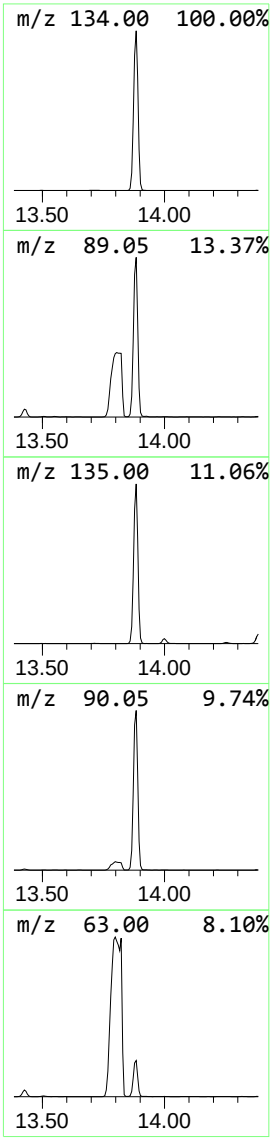
****

Peak Number 37 Benzo[c]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.884	873.65 ug/L	6820500	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

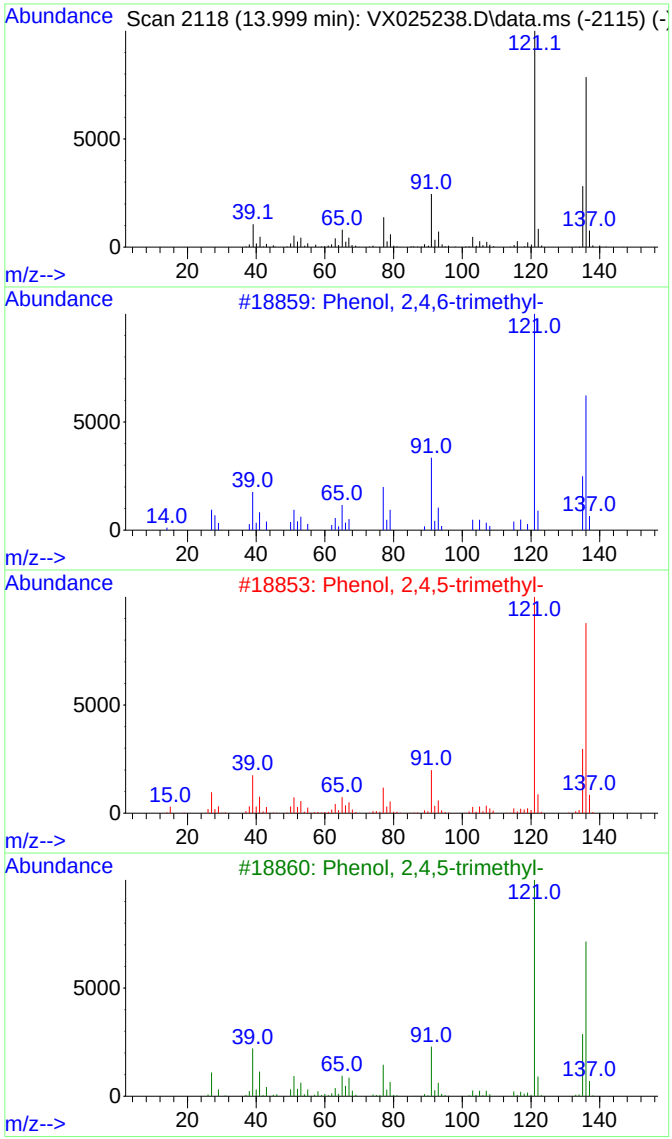
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

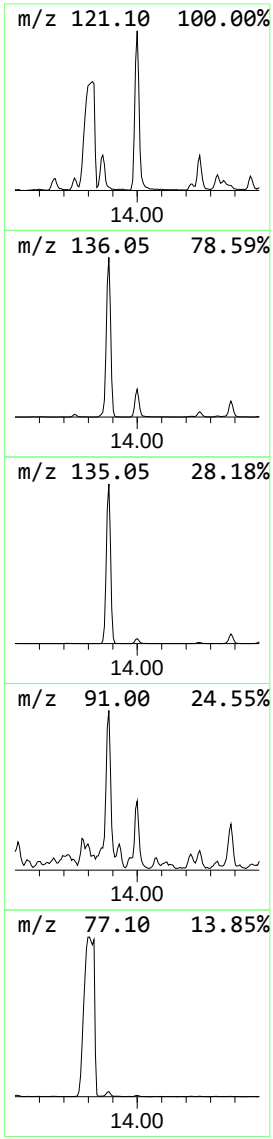
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Phenol, 2,4,6-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.999	21.00 ug/L	163981	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

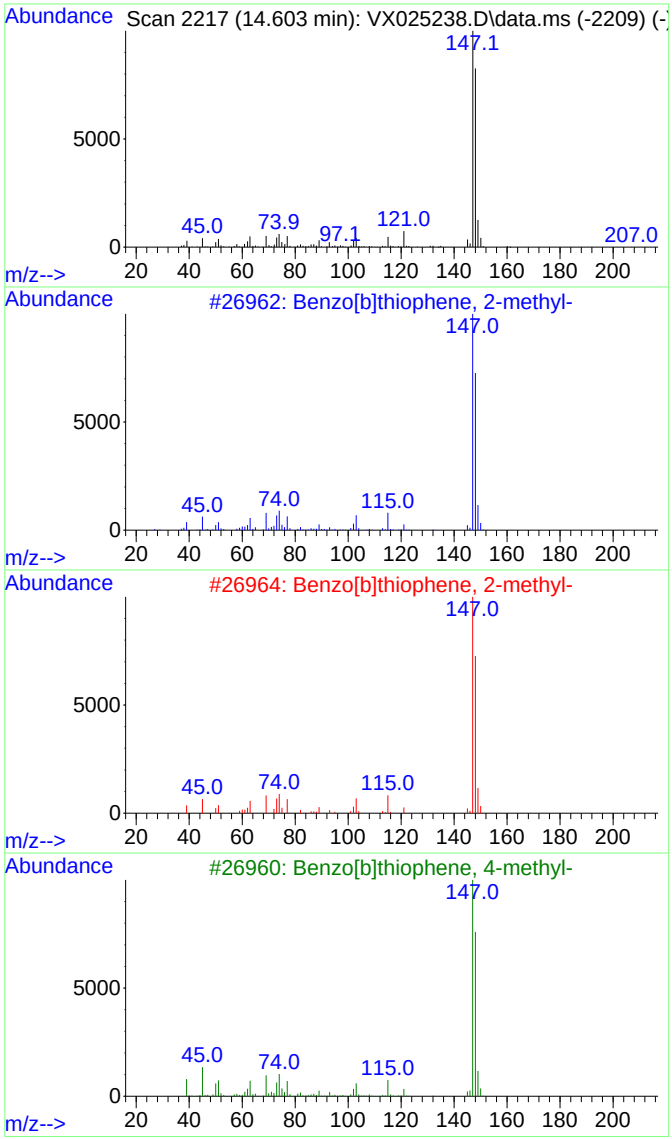
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

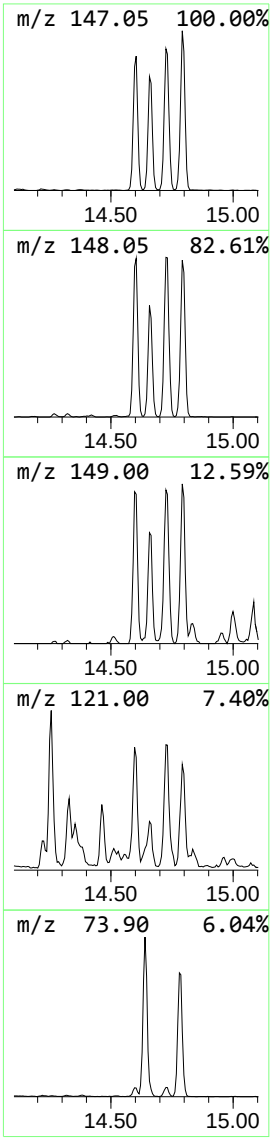
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzo[b]thiophene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.603	30.08 ug/L	234807	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
4	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

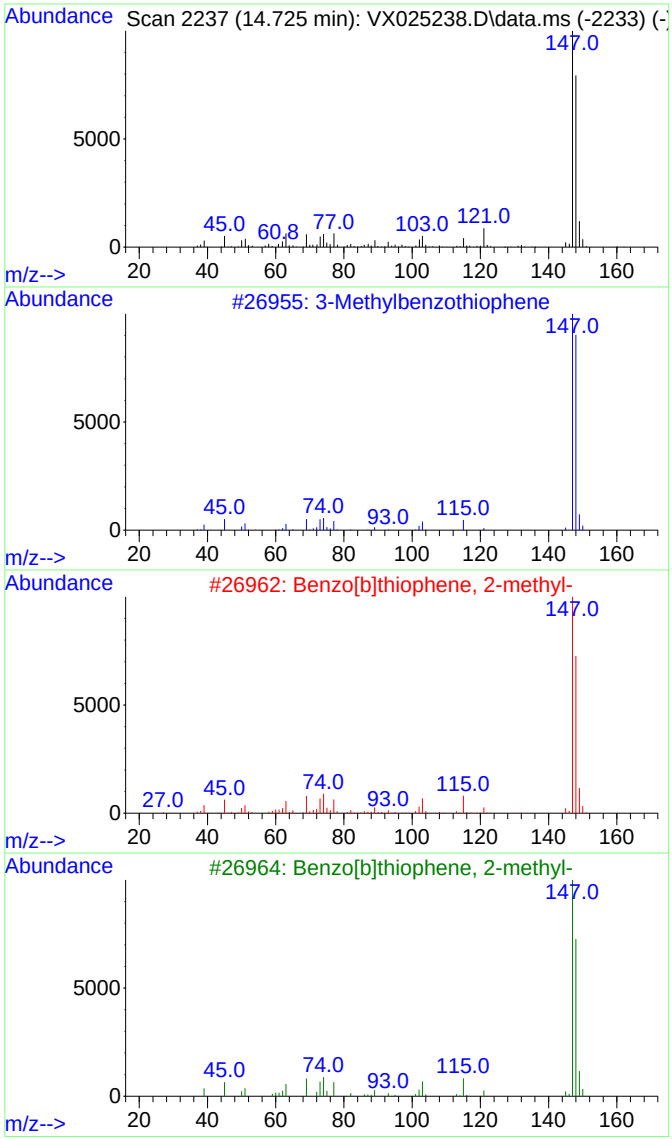
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

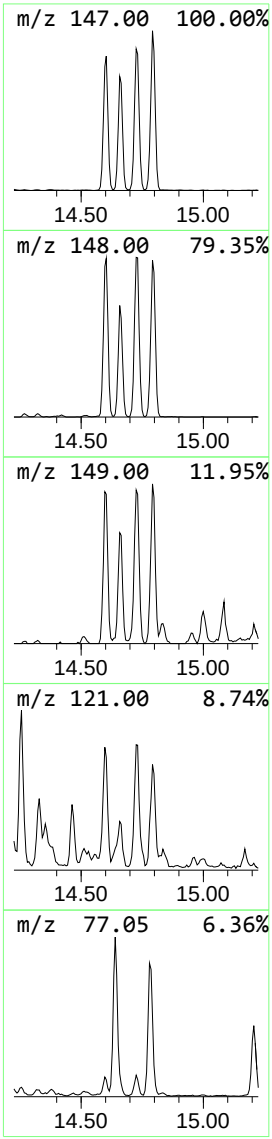
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 3-Methylbenzothiophene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.725	28.18 ug/L	219979	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	94
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

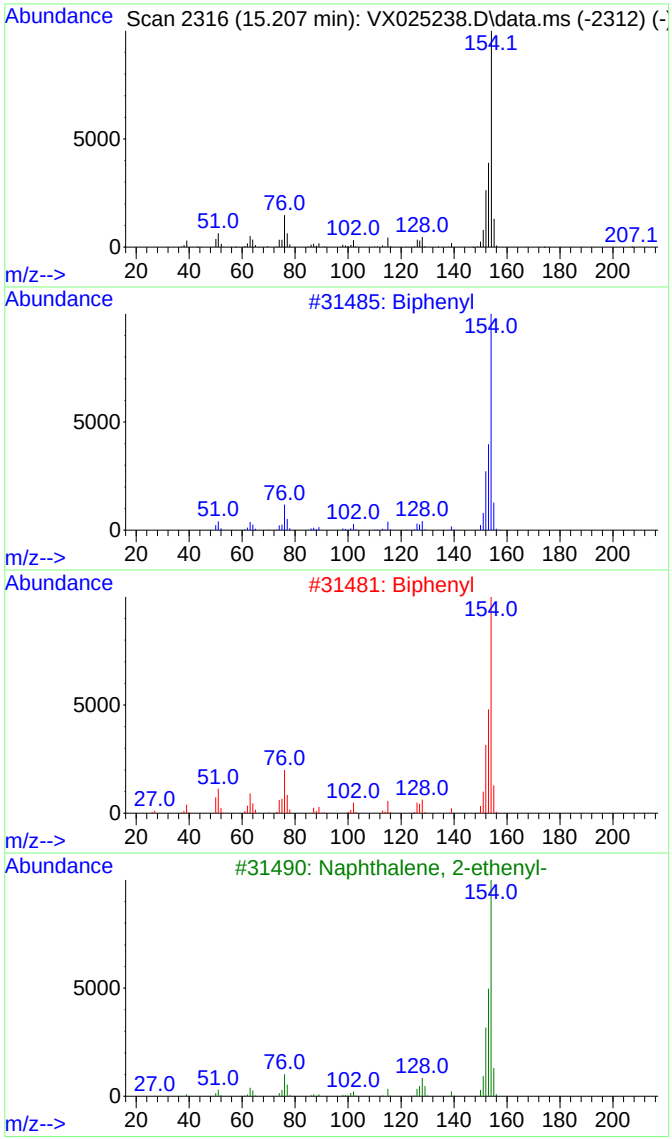
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

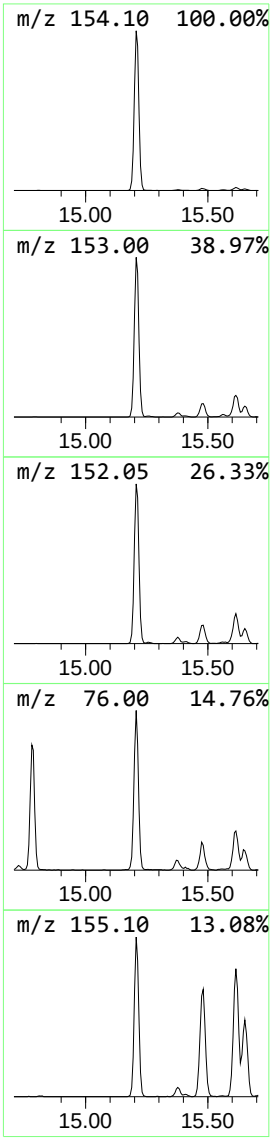
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Naphthalene, 2-ethenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.207	86.50 ug/L	675298	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	87
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
4	Biphenyl	154	C12H10	000092-52-4	76
5	Biphenyl	154	C12H10	000092-52-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

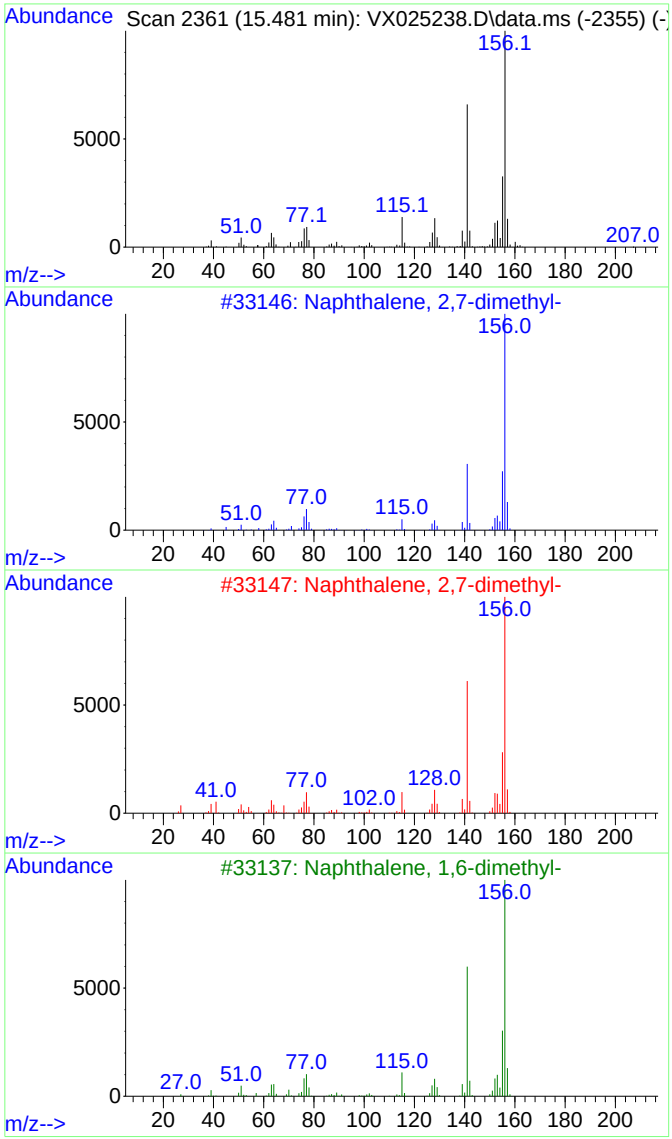
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

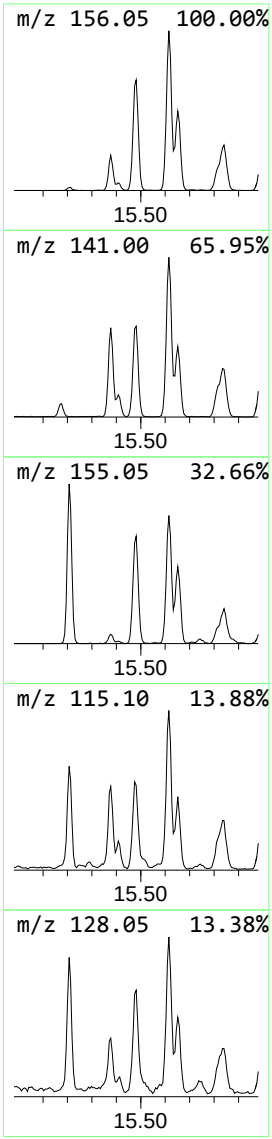
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Naphthalene, 2,7-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.481	41.28 ug/L	322265	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

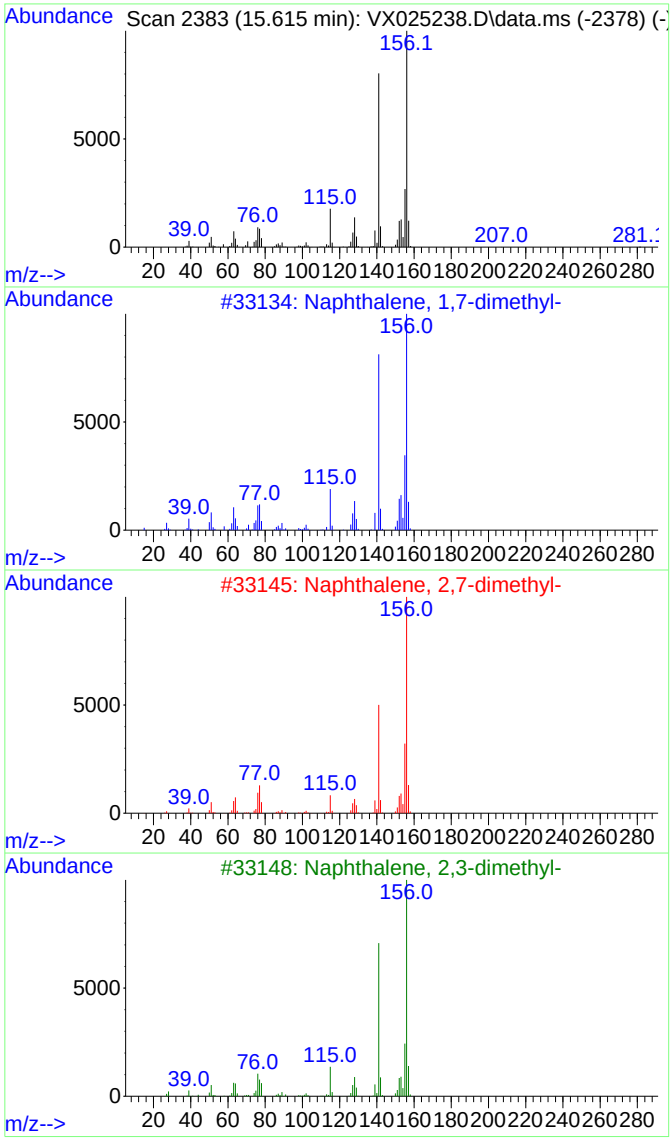
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

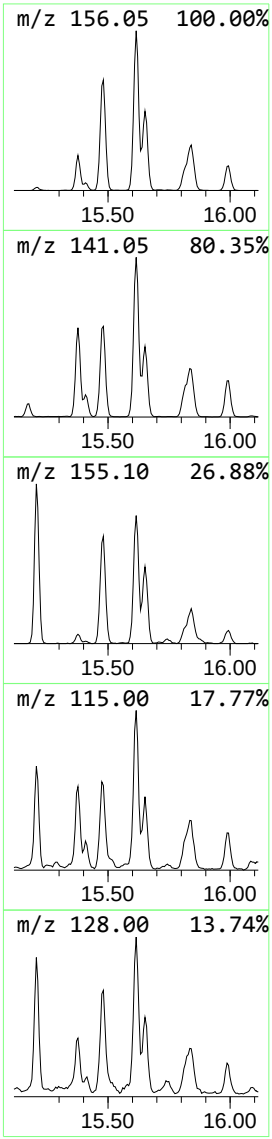
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Naphthalene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.615	52.67 ug/L	411220	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

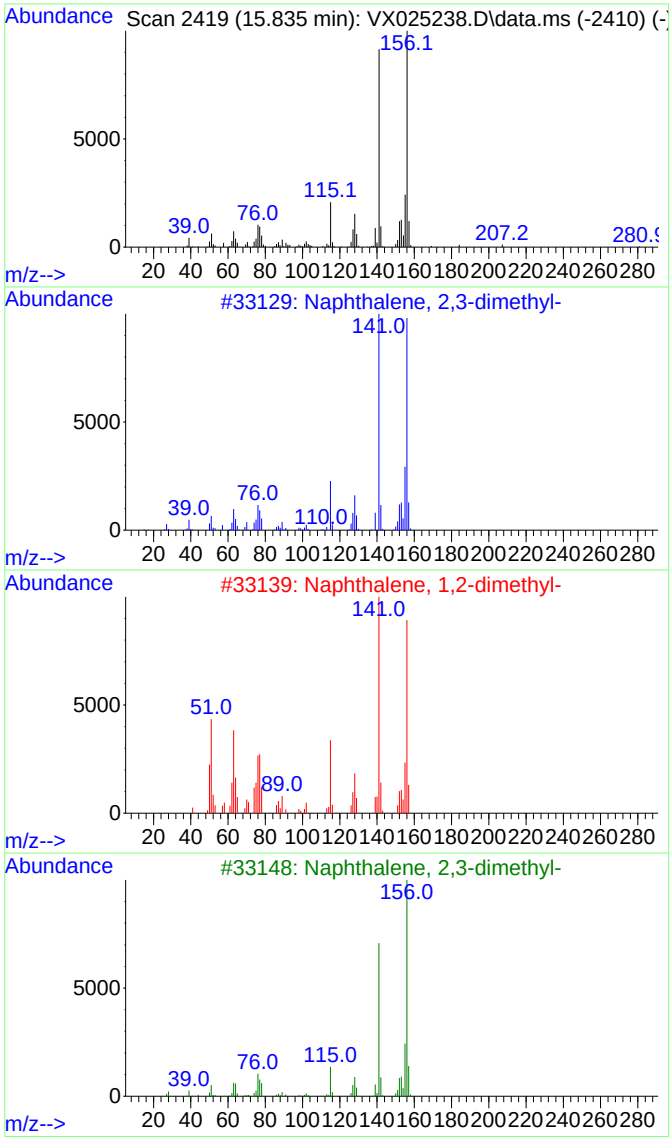
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

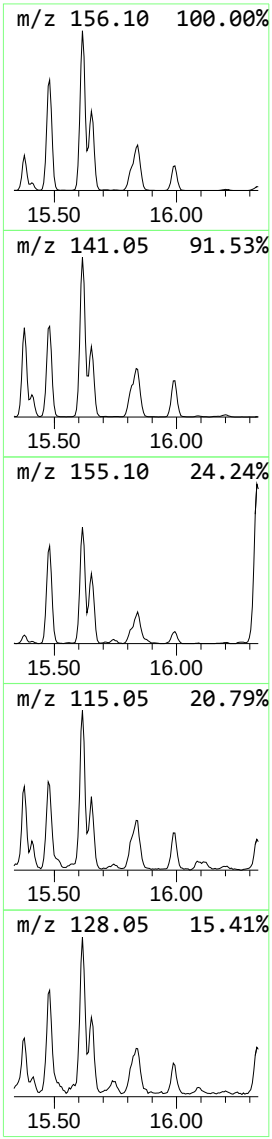
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Naphthalene, 2,3-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.835	28.64 ug/L	223591	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

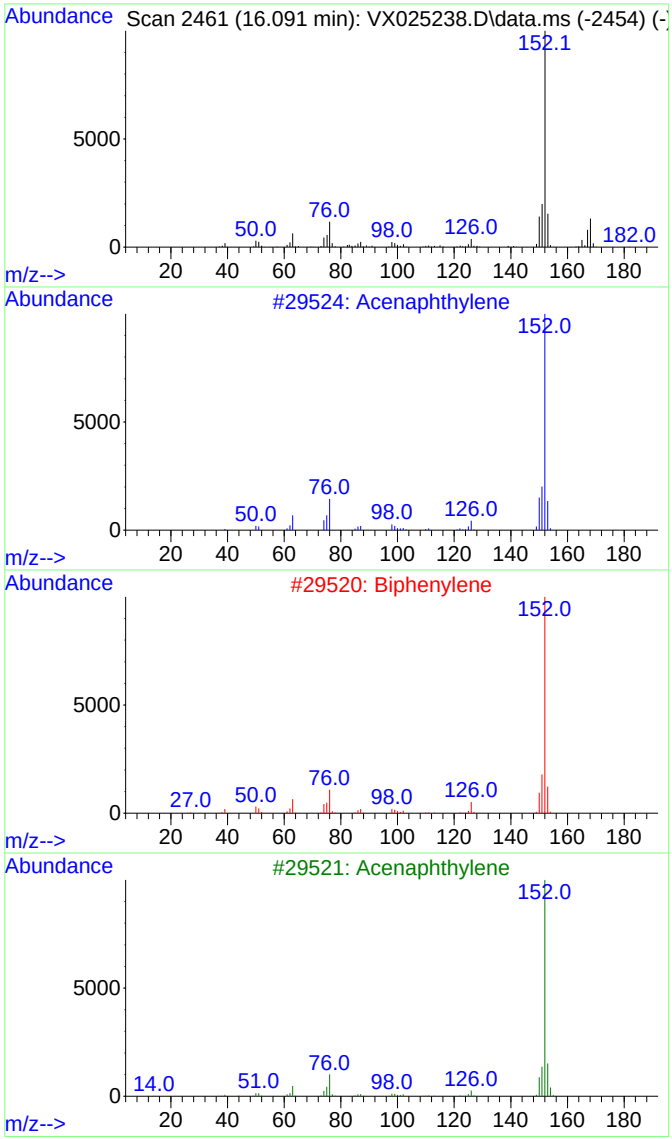
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

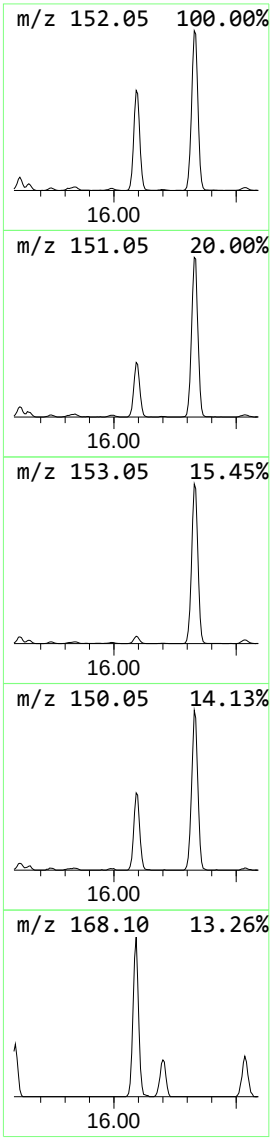
****

Peak Number 57 Biphenylene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.091	39.84 ug/L	311001	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthylene	152	C12H8	000208-96-8	95
2	Biphenylene	152	C12H8	000259-79-0	93
3	Acenaphthylene	152	C12H8	000208-96-8	91
4	Biphenylene	152	C12H8	000259-79-0	90
5	Acenaphthylene	152	C12H8	000208-96-8	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

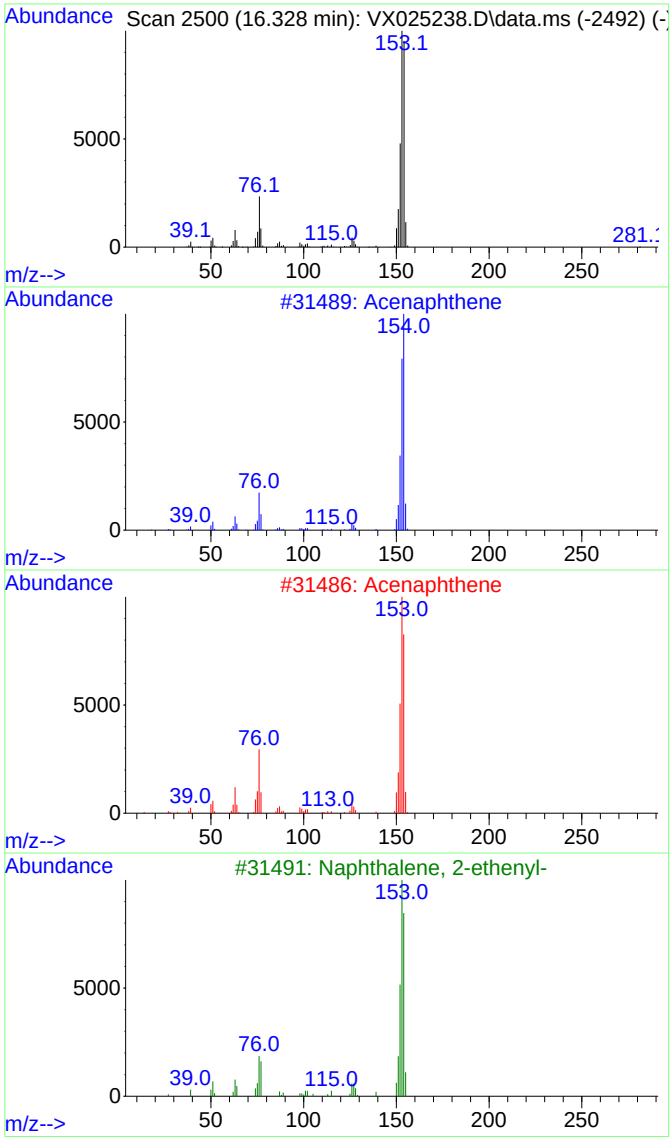
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

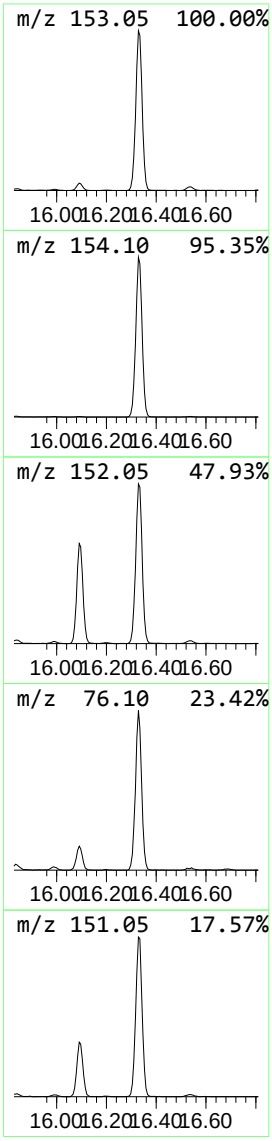
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.328	202.49 ug/L	1580840	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	94
2	Acenaphthene	154	C12H10	000083-32-9	89
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
4	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
5	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

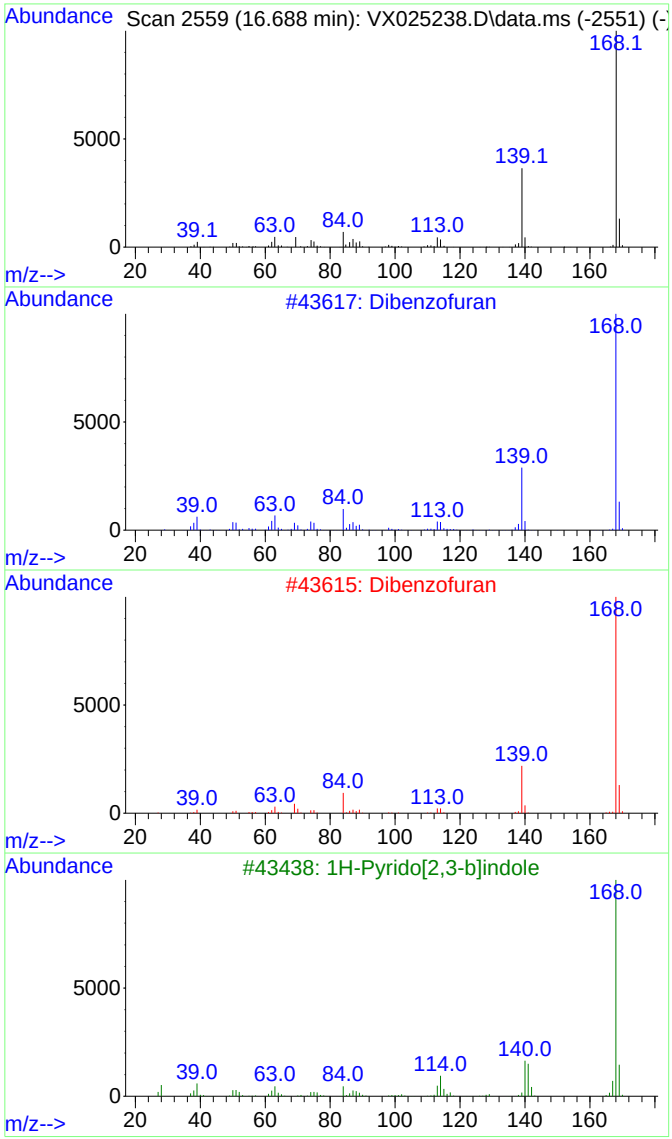
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

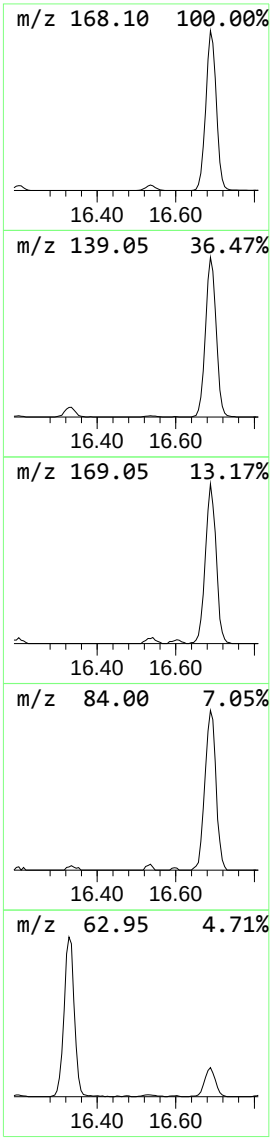
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 1H-Pyrido[2,3-b]indole Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.688	38.69 ug/L	302023	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	87
3	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	59
4	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	59
5	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
Operator : JC/MD
Sample : M4779-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.252	205.3	ug/L	901765	1	6.763	219639	50.0
Benzene, 1-ethy...	11.378	147.7	ug/L	1153070	3	12.024	390345	50.0
Benzene, 1-ethy...	11.616	42.3	ug/L	329919	3	12.024	390345	50.0
Benzene, 1-ethe...	11.811	87.6	ug/L	683572	3	12.024	390345	50.0
Benzene, cyclop...	11.847	23.6	ug/L	183910	3	12.024	390345	50.0
Benzofuran	11.963	385.9	ug/L	3012260	3	12.024	390345	50.0
Benzene, 1,2,3-...	12.091	98.4	ug/L	768217	3	12.024	390345	50.0
Benzene, 1-prop...	12.134	38.8	ug/L	303211	3	12.024	390345	50.0
Indane	12.250	884.6	ug/L	6906280	3	12.024	390345	50.0
Benzene, 1-prop...	12.421	2259.2	ug/L	17637000	3	12.024	390345	50.0
Benzene, 1-ethe...	12.701	39.0	ug/L	304837	3	12.024	390345	50.0
Benzofuran, 7-m...	12.884	174.0	ug/L	1358520	3	12.024	390345	50.0
3-Phenyl-2-prop...	12.969	243.2	ug/L	1898310	3	12.024	390345	50.0
1H-Indene, 2,3-...	13.170	47.8	ug/L	373246	3	12.024	390345	50.0
Benzene, 2-ethe...	13.292	106.5	ug/L	831461	3	12.024	390345	50.0
2-Methylindene	13.341	223.9	ug/L	1748020	3	12.024	390345	50.0
Benzene, (1-met...	13.426	228.0	ug/L	1780200	3	12.024	390345	50.0
(+)-2-Bornanone	13.512	70.7	ug/L	551786	3	12.024	390345	50.0
Azulene	13.804	7554.7	ug/L	58978600	3	12.024	390345	50.0
Benzo[c]thiophene	13.884	873.6	ug/L	6820500	3	12.024	390345	50.0
Phenol, 2,4,6-t...	13.999	21.0	ug/L	163981	3	12.024	390345	50.0
Benzo[b]thiophe...	14.603	30.1	ug/L	234807	3	12.024	390345	50.0
3-Methylbenzoth...	14.725	28.2	ug/L	219979	3	12.024	390345	50.0
Naphthalene, 2-...	15.207	86.5	ug/L	675298	3	12.024	390345	50.0
Naphthalene, 2,...	15.481	41.3	ug/L	322265	3	12.024	390345	50.0
Naphthalene, 1,...	15.615	52.7	ug/L	411220	3	12.024	390345	50.0
Naphthalene, 2,...	15.835	28.6	ug/L	223591	3	12.024	390345	50.0
Biphenylene	16.091	39.8	ug/L	311001	3	12.024	390345	50.0
Hexa-2,4-diyn-1...	16.328	202.5	ug/L	1580840	3	12.024	390345	50.0
1H-Pyrido[2,3-b...	16.688	38.7	ug/L	302023	3	12.024	390345	50.0