LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

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\SOM2WLM062920S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.995	11	15	29	rVB	13540	31057	0.30%	0.097%
2	2.160	37	42	45	rBV3	4009	6926	0.07%	0.022%
3	2.355	68	74	85	rBV	108127	203011	1.97%	0.634%
4	2.495	93	97	108	rBV	7172	14995	0.15%	0.047%
5	2.898	155	163	182	rVB	71396	188332	1.83%	0.588%
6	4.019	335	347	359	rBV	154313	481489	4.68%	1.503%
7	4.129	360	365	372	rVV	13452	35935	0.35%	0.112%
8	4.208	373	378	387	rVB3	4537	11498	0.11%	0.036%
9	4.385	395	407	422	rBV	45605	142764	1.39%	0.446%
10	4.922	483	495	511	rBV3	9915	34212	0.33%	0.107%
11	5.793	625	638	653	rBV3	4504	15562	0.15%	0.049%
12	5.940	653	662	672	rVB3	2821	8433	0.08%	0.026%
13	6.123	690	692	699	rVB3	403	724	0.01%	0.002%
14	6.915	809	822	832	rBV3	8790	27146	0.26%	0.085%
15	7.086	841	850	856	rBV	27531	76044	0.74%	0.237%
16	7.653	931	943	954	rBV	216961	528077	5.13%	1.648%
17	8.281	1034	1046	1063	rBV2	443545	1273441	12.37%	3.975%
18	8.555	1088	1091	1093	rVV3	1071	1346	0.01%	0.004%
19	8.628	1099	1103	1109	rVB3	400	939	0.01%	0.003%
20	8.695	1109	1114	1122	rBV6	1473	3436	0.03%	0.011%
21	8.848	1130	1139	1151	rBV	409154	825626	8.02%	2.577%
22	9.073	1166	1176	1184	rBV4	2231	6700	0.07%	0.021%
23	9.281	1201	1210	1219	rBV	285861	581289	5.65%	1.814%
24	9.415	1227	1232	1239	rVB4	1931	4728	0.05%	0.015%
25	9.604	1260	1263	1268	rVB2	455	779	0.01%	0.002%
26	9.665	1268	1273	1278	rVB3	730	1253	0.01%	0.004%
27	9.762	1282	1289	1293	rBV5	962	2074	0.02%	0.006%
28	9.963	1317	1322	1326	rBV4	1846	3584	0.03%	0.011%
29	10.037	1326	1334	1341	rBV	142609	256433	2.49%	0.800%
30	10.213	1357	1363	1372	rVB3	1437	2723	0.03%	0.008%
31	10.329	1372	1382	1388	rBV	634422	1131010	10.99%	3.530%
32	10.390	1388	1392	1404	rVV	42906	75008	0.73%	0.234%
33	10.506	1404	1411	1417	rVB	13625	23069	0.22%	0.072%
34	10.579	1417	1423	1432	rBV	91149	156516	1.52%	0.489%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

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\SOM2WLM062920S.M
Title : VOC Analysis

35	10.665	1433	1437	1440	rVV3	4166	7348	0.07%	0.023%
36	10.707	1440	1444	1449	rVB	9328	14498	0.14%	0.045%
37	10.768	1449	1454	1459	rBV5	2618	5591	0.05%	0.017%
38	10.829	1459	1464	1473	rVB	7010	15338	0.15%	0.048%
39	10.927	1473	1480	1492	rBV	110286	188355	1.83%	0.588%
40	11.067	1495	1503	1509	rVV3	12031	25282	0.25%	0.079%
41	11.183	1513	1522	1526	rVV2	11018	20306	0.20%	0.063%
42	11.232	1526	1530	1536	rVB4	4943	8977	0.09%	0.028%
43	11.341	1543	1548	1552	rBV4	2961	4643	0.05%	0.014%
44	11.414	1552	1560	1562	rBV3	7361	14331	0.14%	0.045%
45	11.518	1571	1577	1582	rBV	6488	10755	0.10%	0.034%
46	11.634	1588	1596	1605	rBV	581758	966456	9.39%	3.017%
47	11.731	1605	1612	1621	rBV	1299419	2078221	20.19%	6.487%
48	11.835	1621	1629	1641	rBV	5720120	10291716	100.00%	32.125%
49	11.981	1650	1653	1655	rBV3	903	976	0.01%	0.003%
50	12.048	1658	1664	1671	rVB8	3334	8646	0.08%	0.027%
51	12.170	1671	1684	1692	rBV	2565321	4161498	40.44%	12.990%
52	12.304	1702	1706	1707	rBV3	6863	9090	0.09%	0.028%
53	12.341	1708	1712	1716	rBV	17488	31083	0.30%	0.097%
54	12.463	1728	1732	1737	rBV	32206	49997	0.49%	0.156%
55	12.609	1752	1756	1761	rVB	23361	35298	0.34%	0.110%
56	12.695	1764	1770	1776	rVV	189819	319588	3.11%	0.998%
57	12.804	1780	1788	1793	rVV	55109	124183	1.21%	0.388%
58	12.865	1793	1798	1802	rVV	325263	558062	5.42%	1.742%
59	12.902	1802	1804	1807	rVV	168008	231845	2.25%	0.724%
60	12.945	1807	1811	1817	rVV	234703	398726	3.87%	1.245%
61	12.993	1817	1819	1824	rVB2	18322	23918	0.23%	0.075%
62	13.109	1830	1838	1844	rBV	94232	169225	1.64%	0.528%
63	13.176	1845	1849	1855	rVB5	14082	28483	0.28%	0.089%
64	13.249	1855	1861	1867	rBV	737613	1158609	11.26%	3.617%
65	13.445	1888	1893	1898	rBV2	70467	125739	1.22%	0.392%
66	13.499	1898	1902	1906	rVB	71735	104436	1.01%	0.326%
67	13.560	1906	1912	1922	rBV2	570269	1285928	12.49%	4.014%
68	13.725	1934	1939	1940	rBV3	27591	43128	0.42%	0.135%
69	13.749	1940	1943	1947	rVV2	117124	199707	1.94%	0.623%
70	13.792	1947	1950	1955	rVV2	141709	255652	2.48%	0.798%
71	13.853	1955	1960	1971	rVB	521096	1013425	9.85%	3.163%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

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\SOM2WLM062920S.M
Title : VOC Analysis

72	13.951	1971	1976	1981	rBV	48246	71376	0.69%	0.223%
73	14.011	1981	1986	1988	rBV	96874	142627	1.39%	0.445%
74	14.042	1989	1991	1995	rVV	104076	139311	1.35%	0.435%
75	14.097	1996	2000	2006	rVB	127816	198953	1.93%	0.621%
76	14.164	2007	2011	2012	rBV	11909	16062	0.16%	0.050%
77	14.207	2013	2018	2023	rVV2	104226	171437	1.67%	0.535%
78	14.261	2023	2027	2034	rVV6	18074	49568	0.48%	0.155%
79	14.341	2034	2040	2044	rVV2	52473	94301	0.92%	0.294%
80	14.420	2044	2053	2056	rVV	120279	211404	2.05%	0.660%
81	14.457	2056	2059	2064	rVV	83702	124338	1.21%	0.388%
82	14.505	2064	2067	2070	rVV	24638	35436	0.34%	0.111%
83	14.548	2070	2074	2081	rVB5	27300	56391	0.55%	0.176%
84	14.646	2086	2090	2094	rVB2	18171	27576	0.27%	0.086%
85	14.694	2094	2098	2101	rBV3	14080	27086	0.26%	0.085%
86	14.731	2102	2104	2109	rVB3	24552	30545	0.30%	0.095%
87	14.792	2109	2114	2122	rBV3	65803	141610	1.38%	0.442%
88	14.859	2122	2125	2131	rVB2	10512	16715	0.16%	0.052%
89	14.963	2137	2142	2147	rBV	19043	32643	0.32%	0.102%
90	15.072	2155	2160	2163	rBV2	12190	21966	0.21%	0.069%
91	15.176	2173	2177	2183	rVB6	13671	28578	0.28%	0.089%
92	15.267	2189	2192	2197	rVV5	1992	3293	0.03%	0.010%
93	15.371	2197	2209	2215	rVV	77578	155516	1.51%	0.485%
94	15.438	2216	2220	2238	rVB4	11591	31826	0.31%	0.099%
95	15.804	2278	2280	2284	rVB5	1348	1076	0.01%	0.003%
96	15.956	2301	2305	2313	rVB5	1299	2224	0.02%	0.007%
97	16.151	2331	2337	2346	rVB5	4469	9603	0.09%	0.030%
98	16.292	2357	2360	2370	rBV6	1456	3252	0.03%	0.010%
99	16.444	2379	2385	2392	rVB2	6025	12452	0.12%	0.039%
100	16.596	2403	2410	2416	rBV	16060	33987	0.33%	0.106%

Sum of corrected areas: 32036370

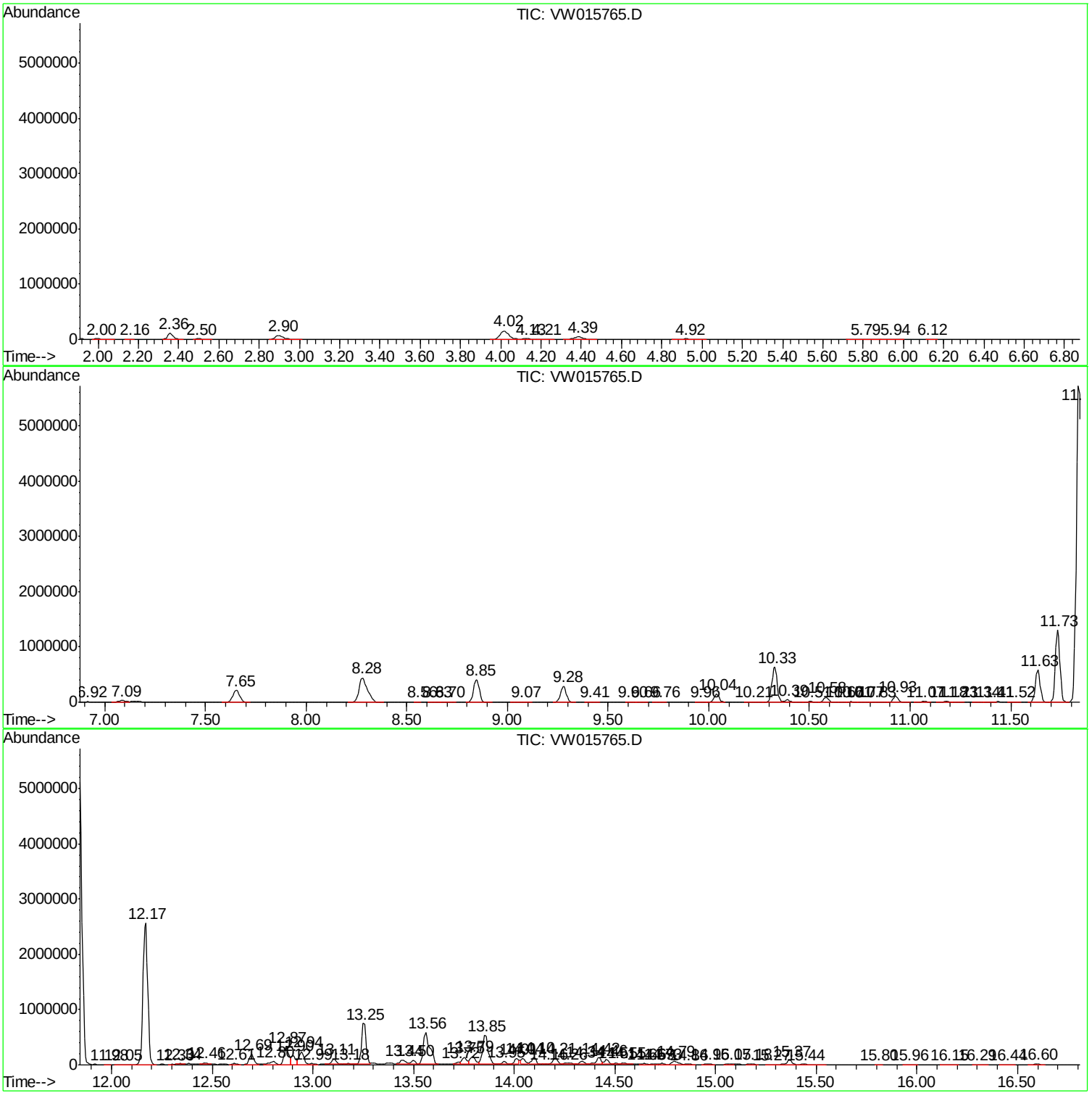
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

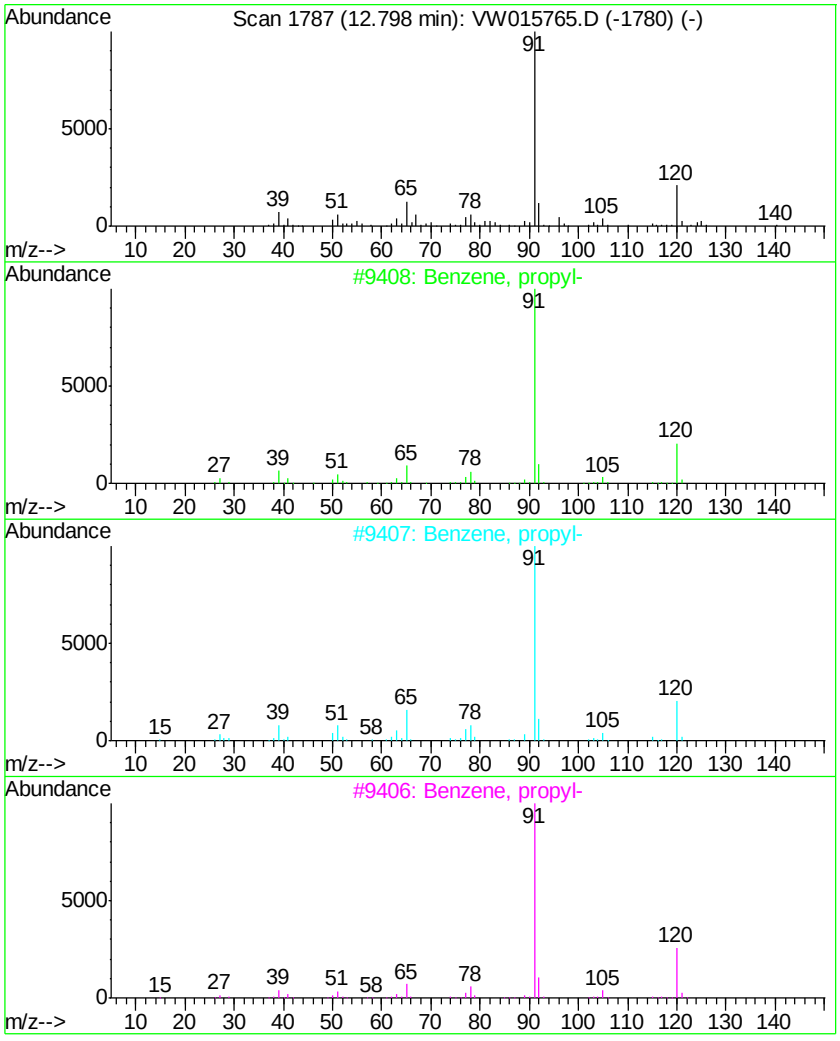
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

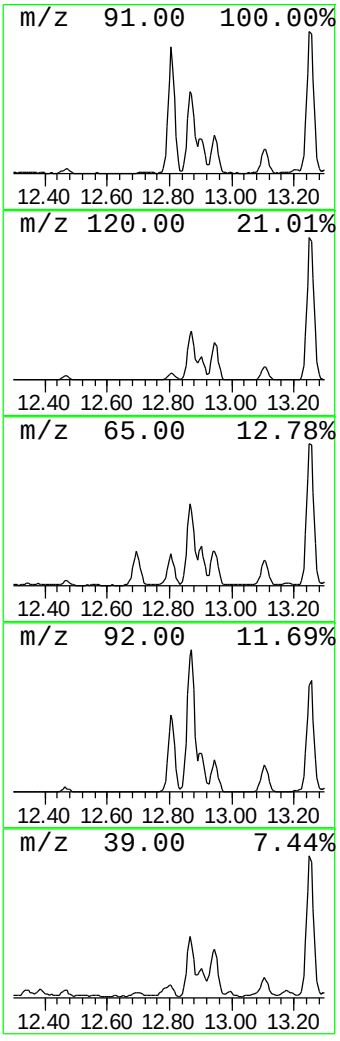
****

Peak Number 2 Benzene, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.41 ug/L	124183	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

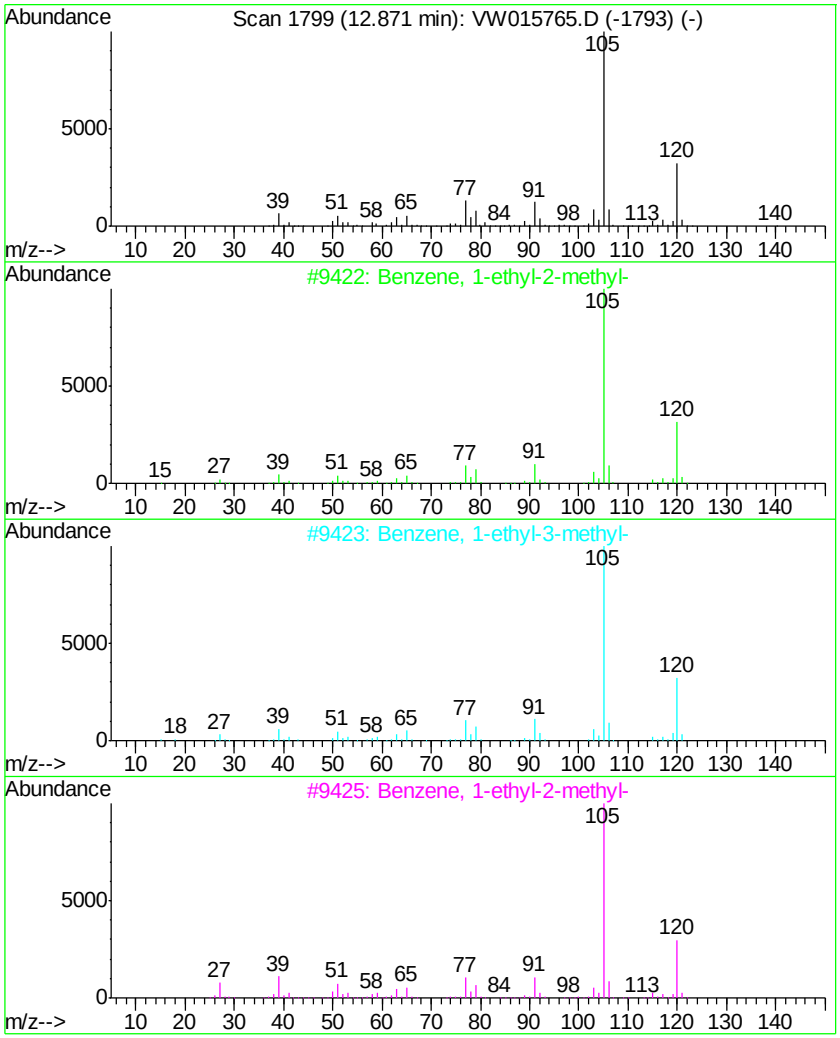
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

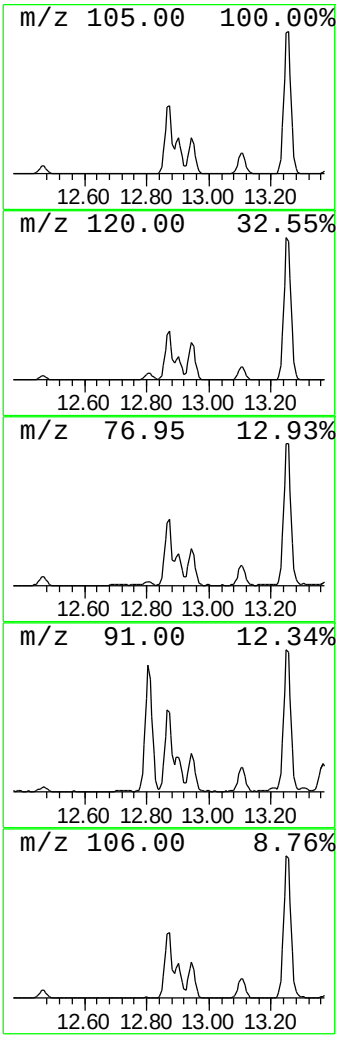
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	10.85 ug/L	558062	1,4-Dichlorobenzene-d4	13.56

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	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

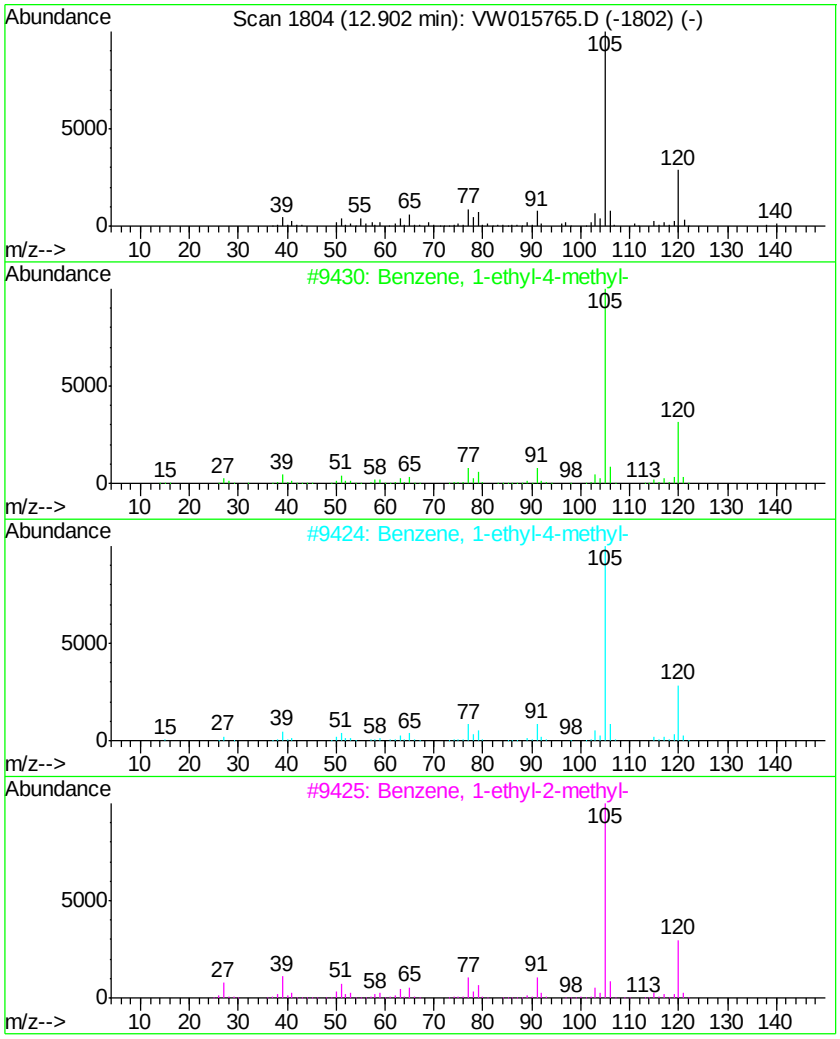
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

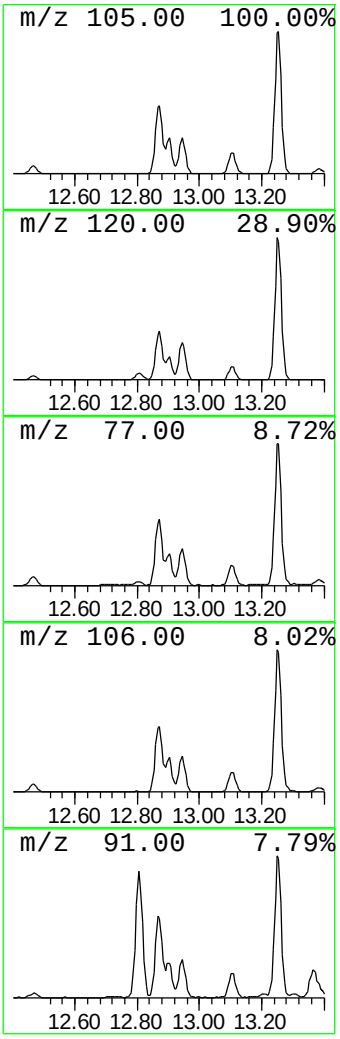
****

Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	4.51 ug/L	231845	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Mesitylene	120	C9H12	000108-67-8	87
5	Mesitylene	120	C9H12	000108-67-8	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

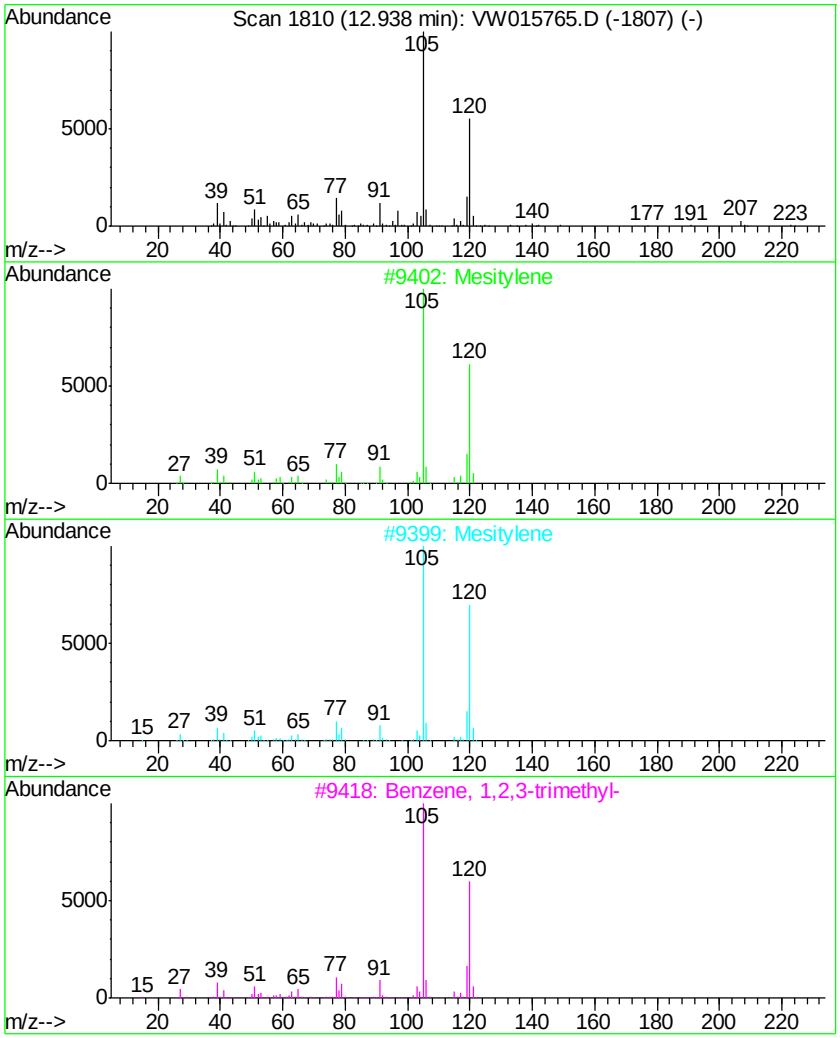
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

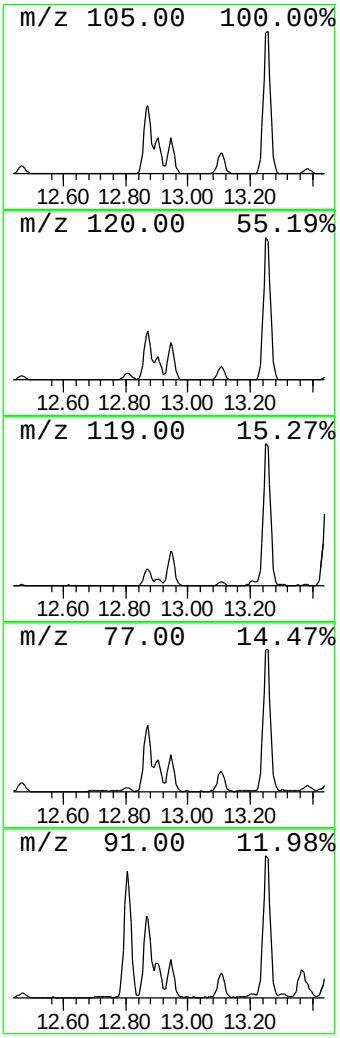
****

Peak Number 5 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	7.75 ug/L	398726	1,4-Dichlorobenzene-d4	13.56

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

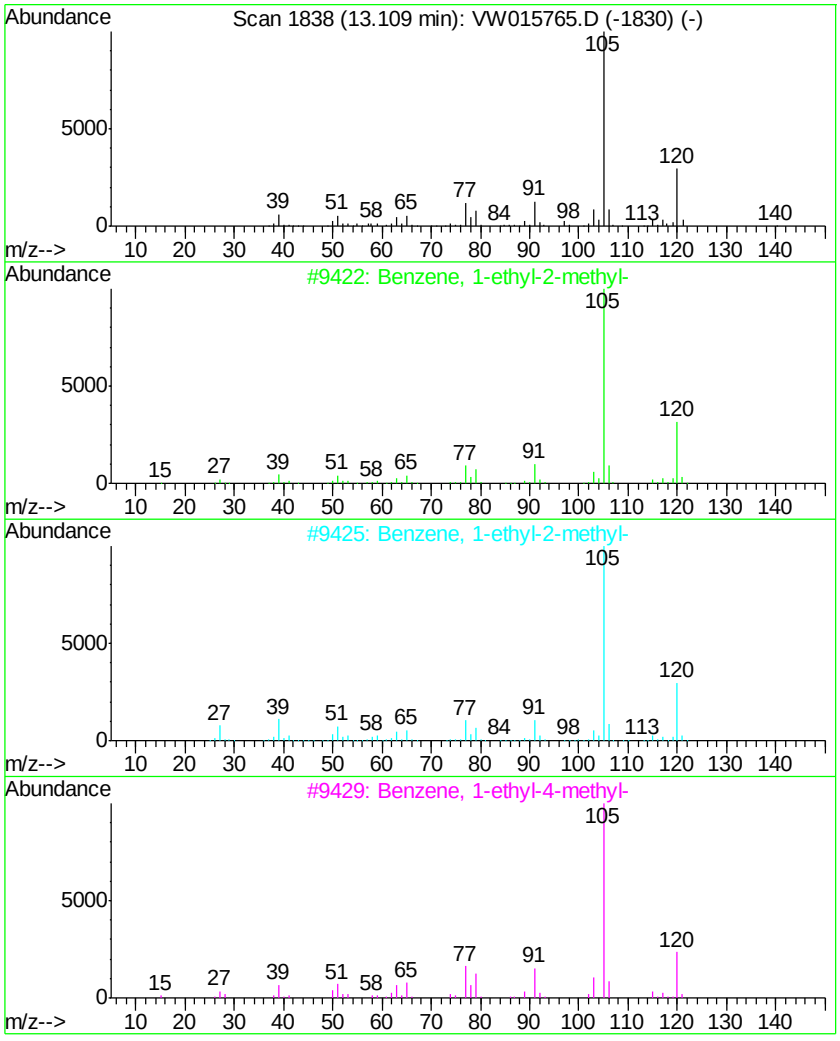
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

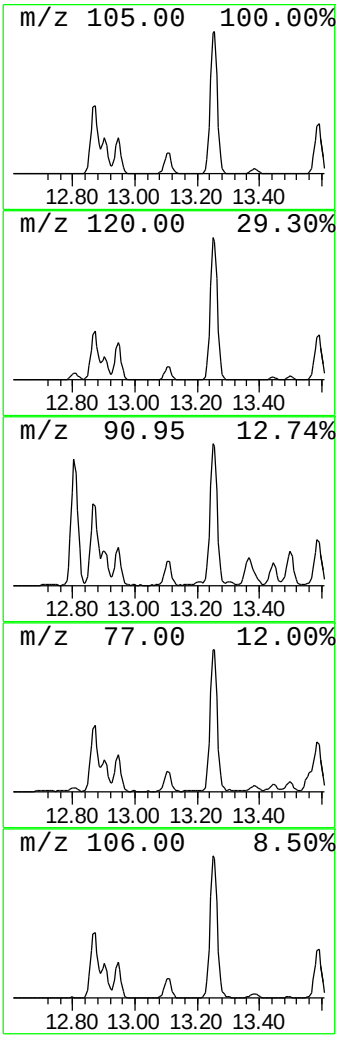
****

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	3.29 ug/L	169225	1,4-Dichlorobenzene-d4	13.56

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-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

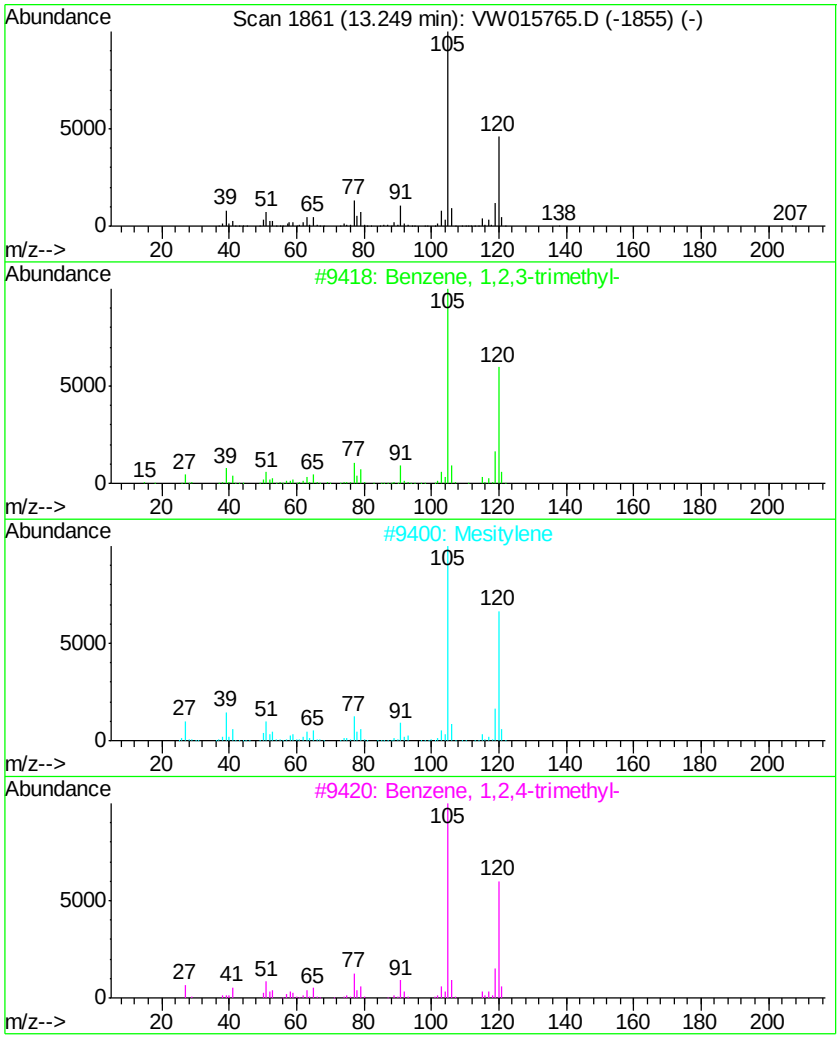
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

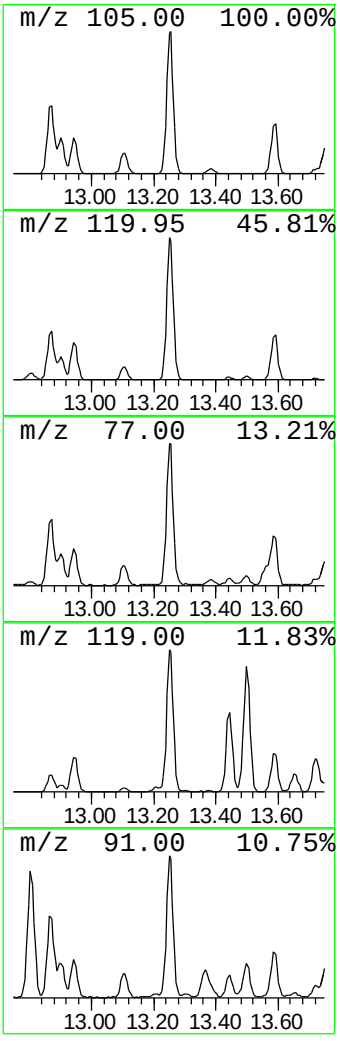
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	22.52 ug/L	1158610	1,4-Dichlorobenzene-d4	13.56

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





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Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

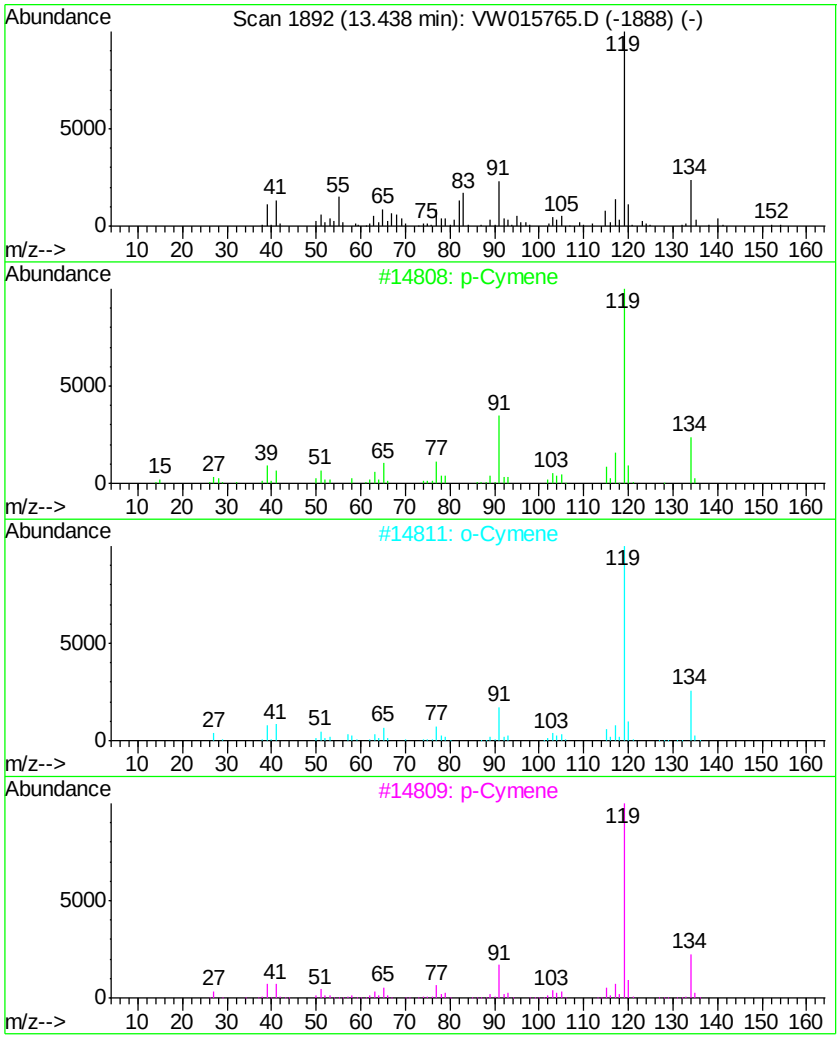
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

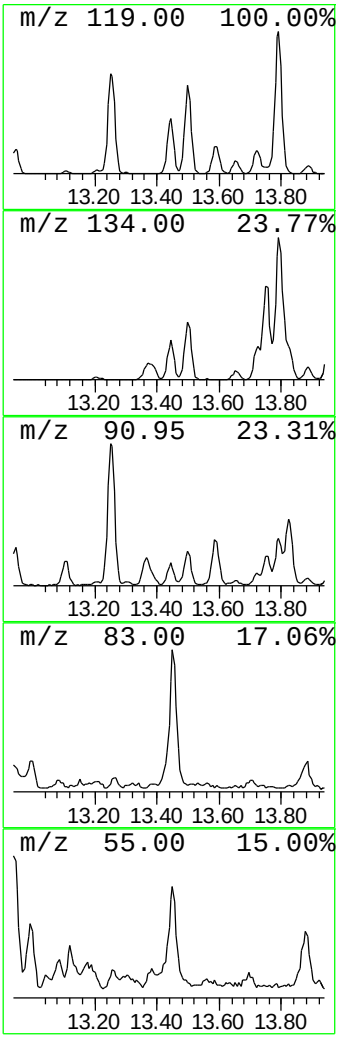
****

Peak Number 8 p-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	2.44 ug/L	125739	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	93
2	o-Cymene	134	C10H14	000527-84-4	93
3	p-Cymene	134	C10H14	000099-87-6	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81





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Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

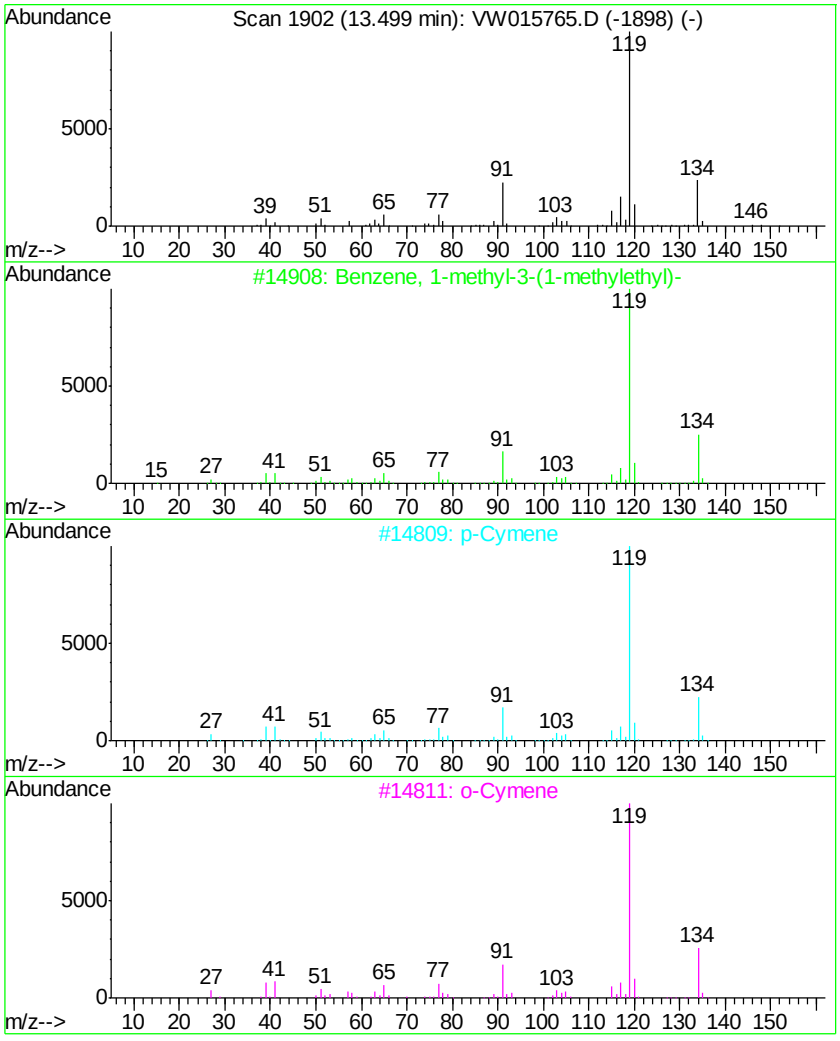
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

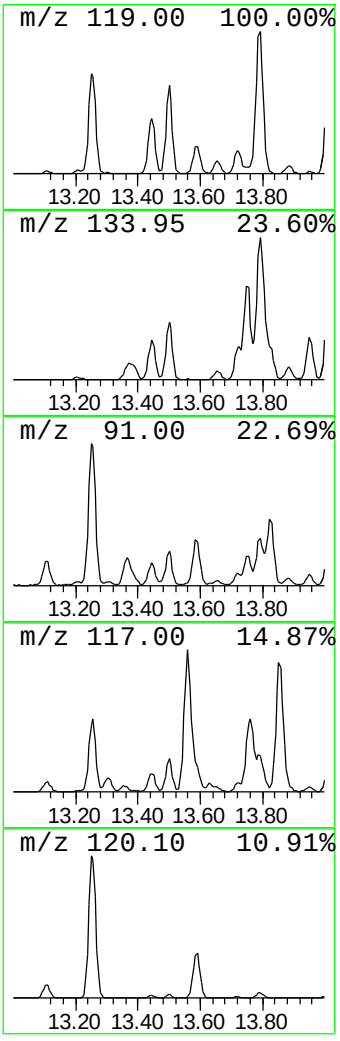
****

Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	2.03 ug/L	104436	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	o-Cymene	134	C10H14	000527-84-4	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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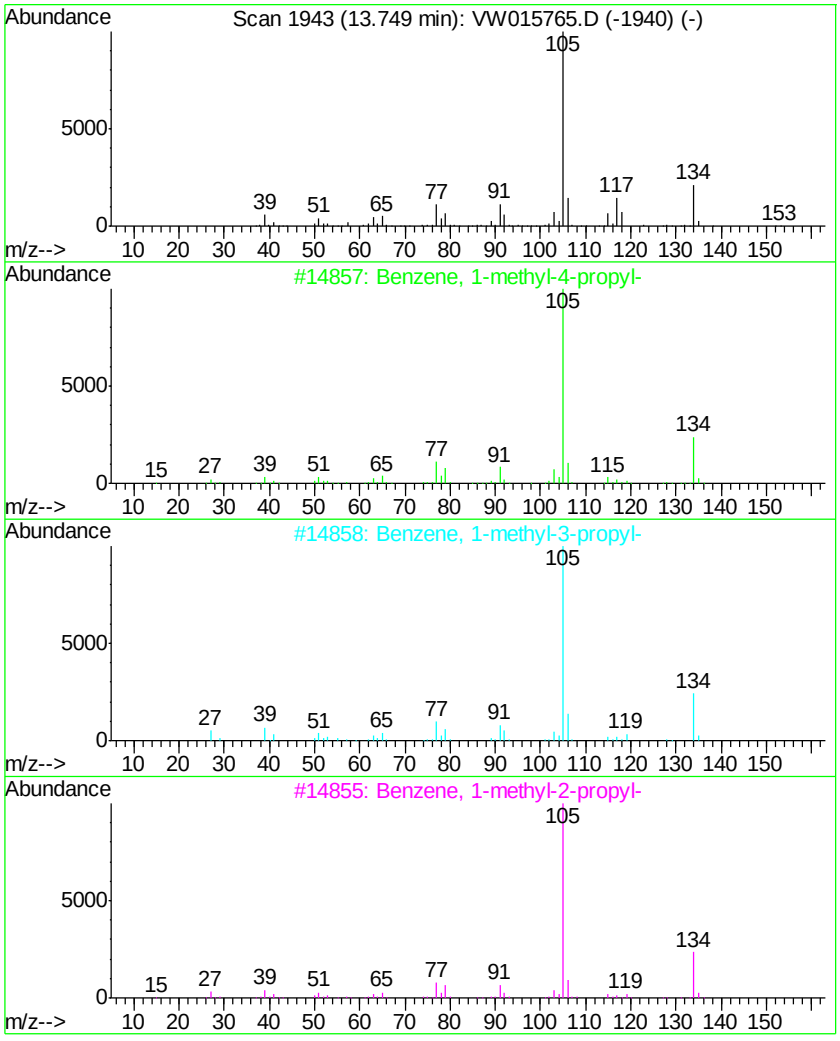
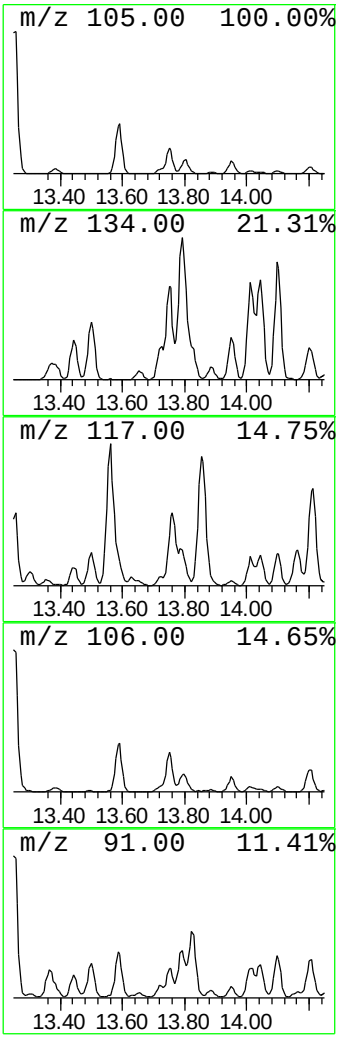
Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	3.88 ug/L	199707	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	83
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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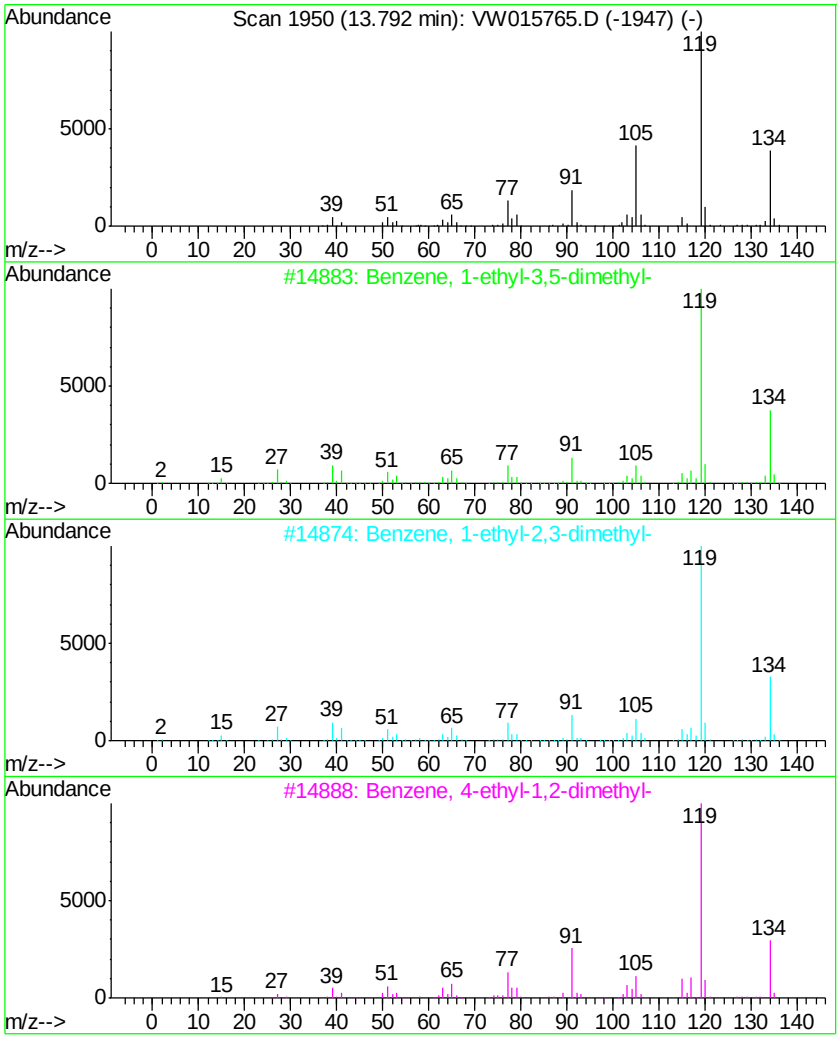
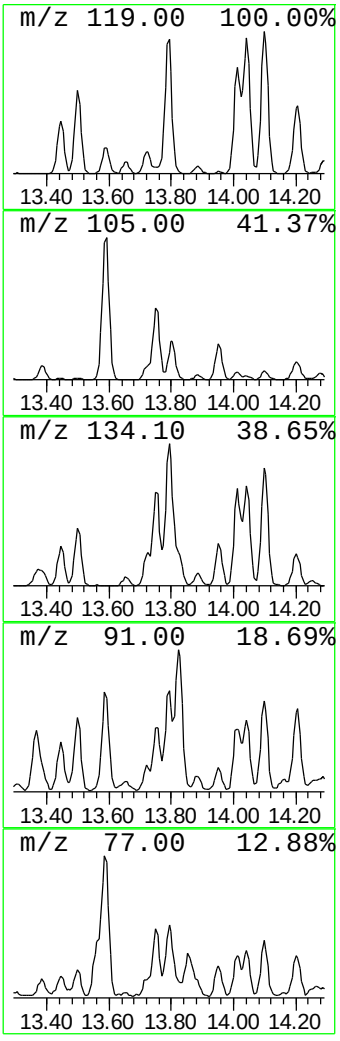
Peak Number 11 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	4.97 ug/L	255652	1,4-Dichlorobenzene-d4	13.56

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-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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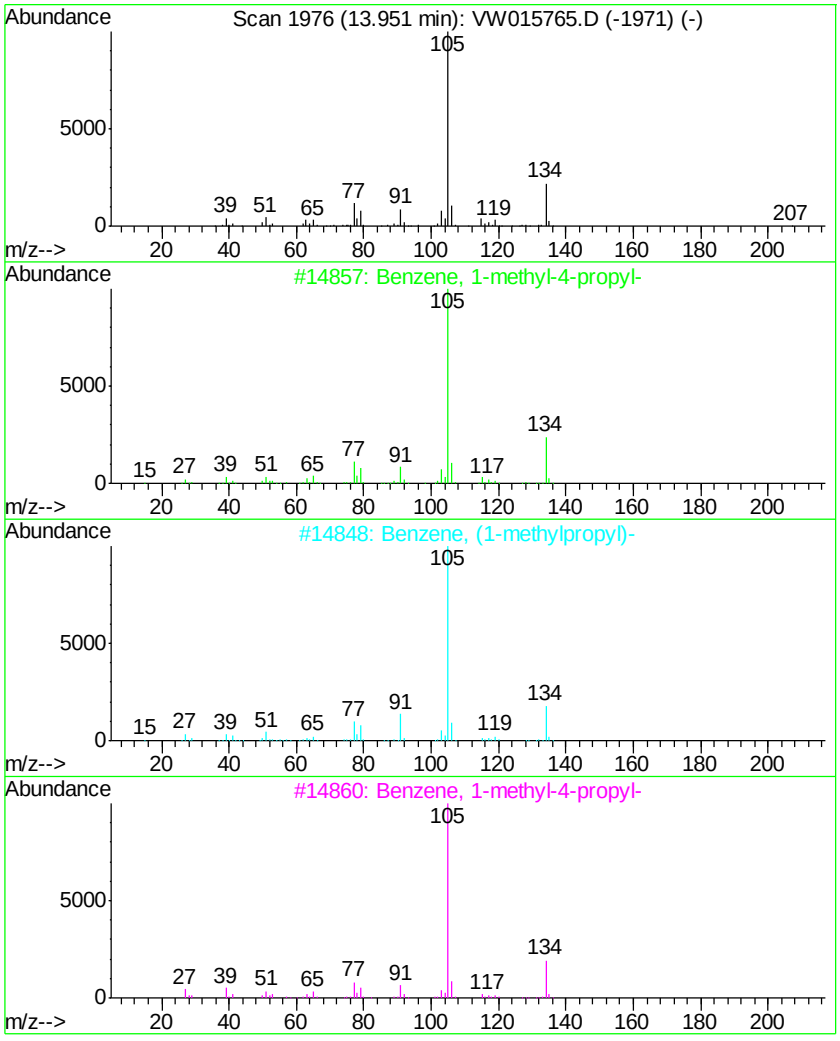
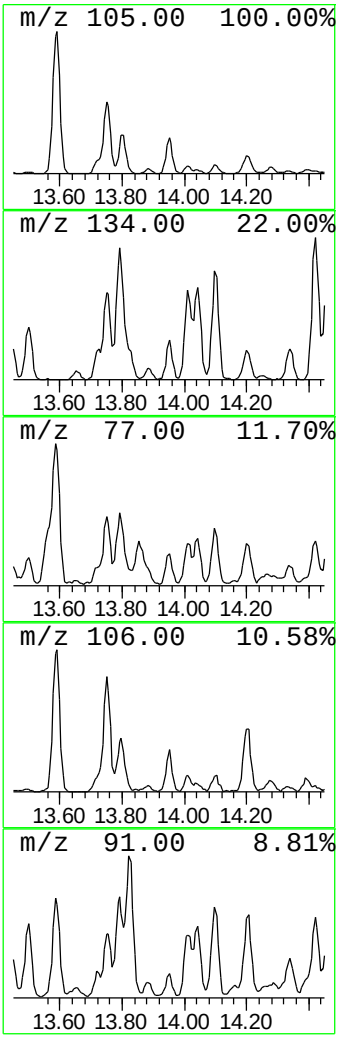
Peak Number 12 Benzene, (1-methylpropyl)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	1.39 ug/L	71376	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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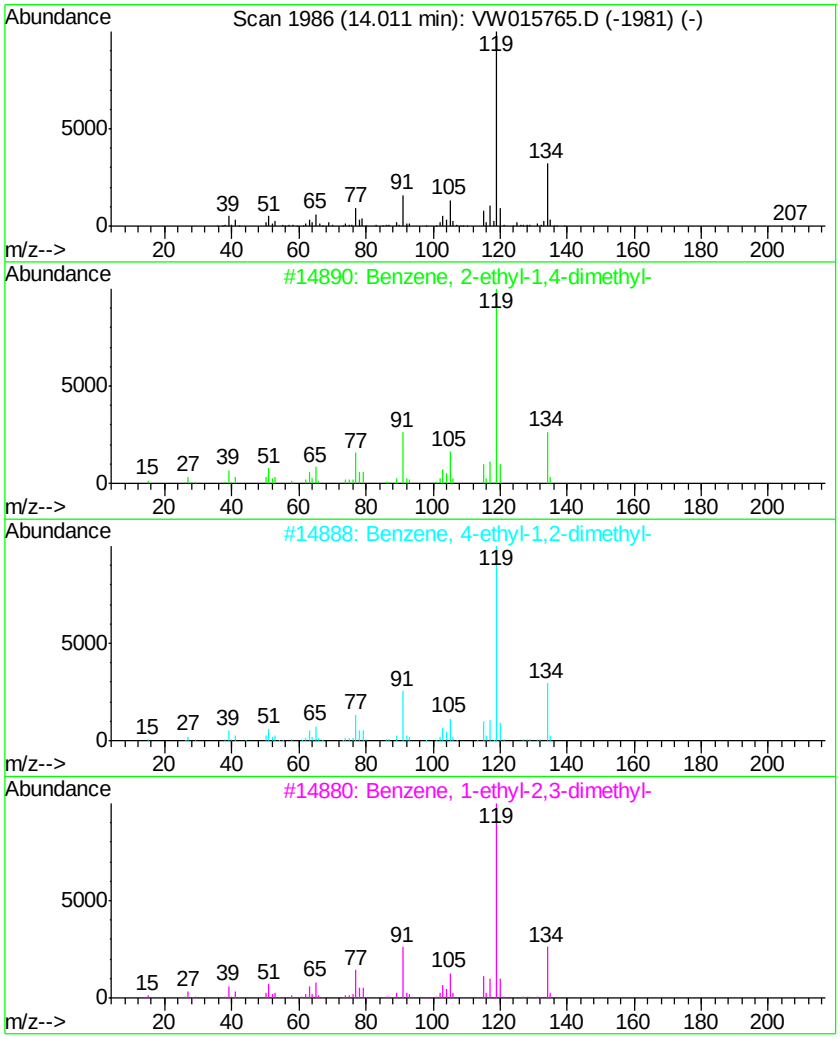
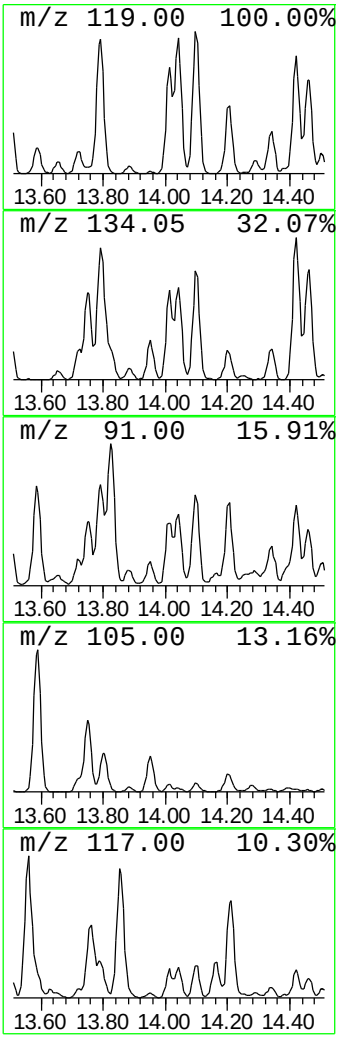
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.77 ug/L	142627	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
5	o-Cymene	134	C10H14	000527-84-4	94





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Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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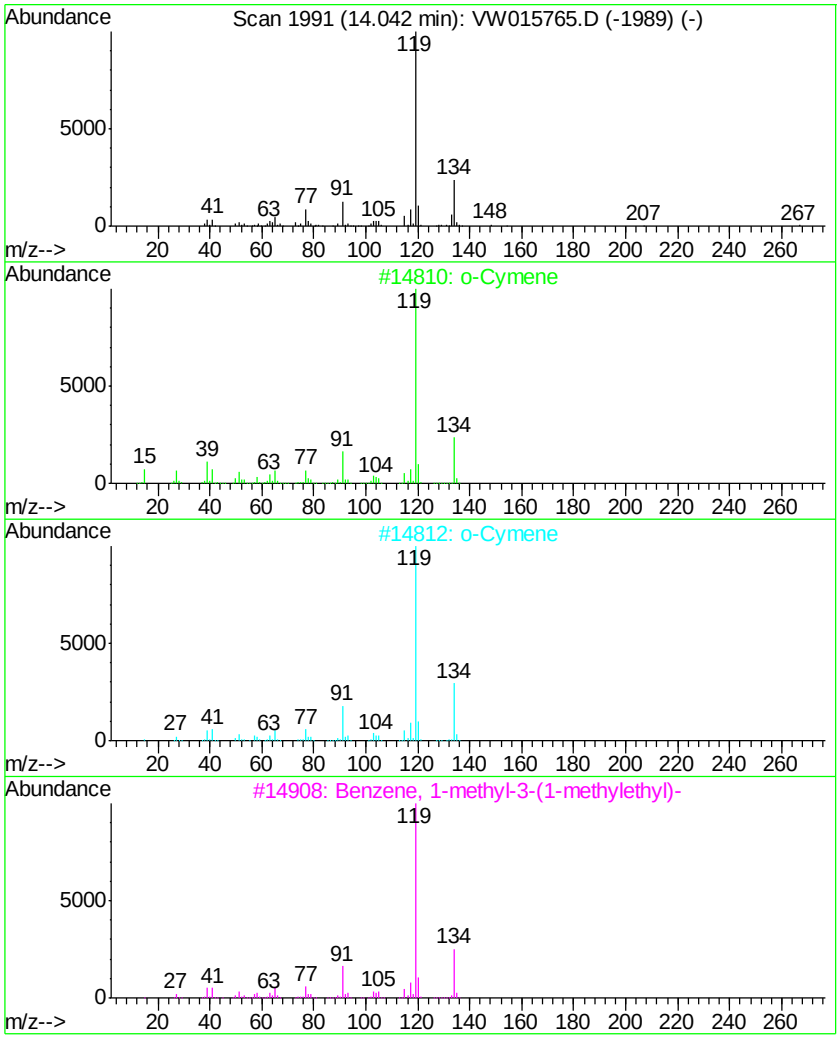
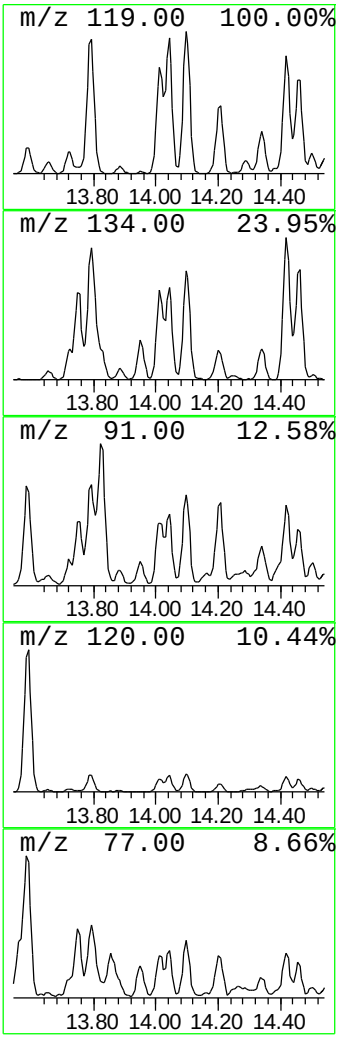
Peak Number 14 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.71 ug/L	139311	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





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Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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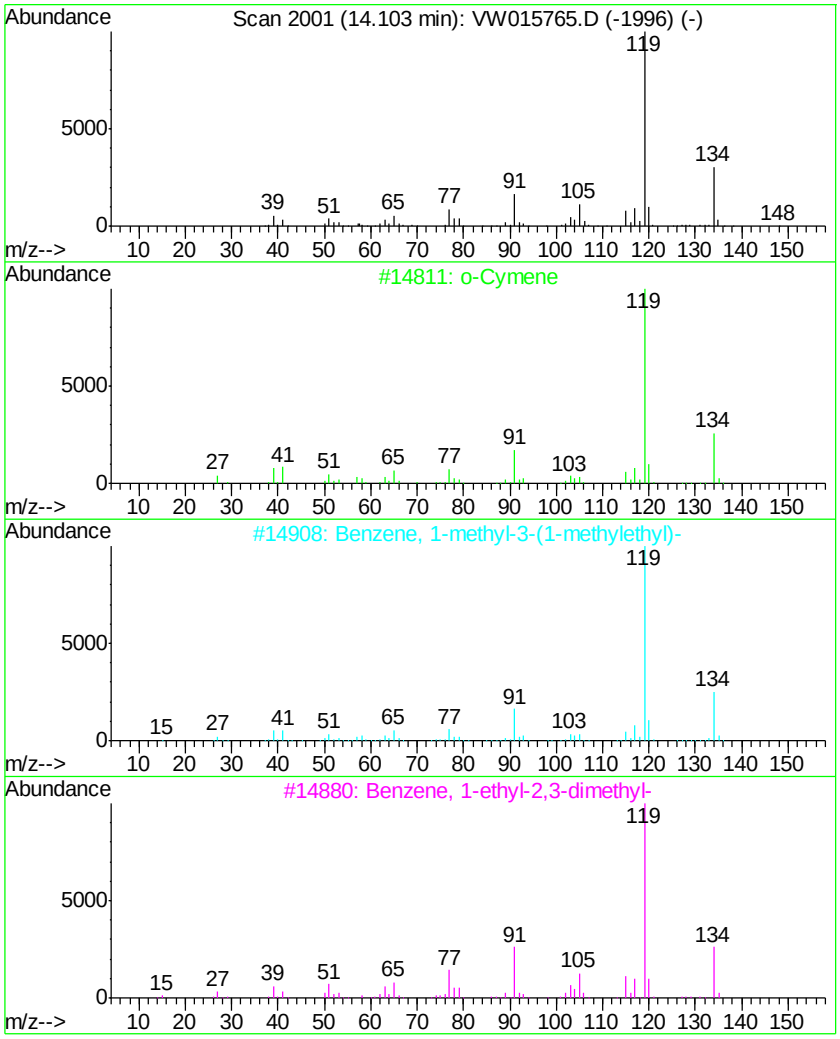
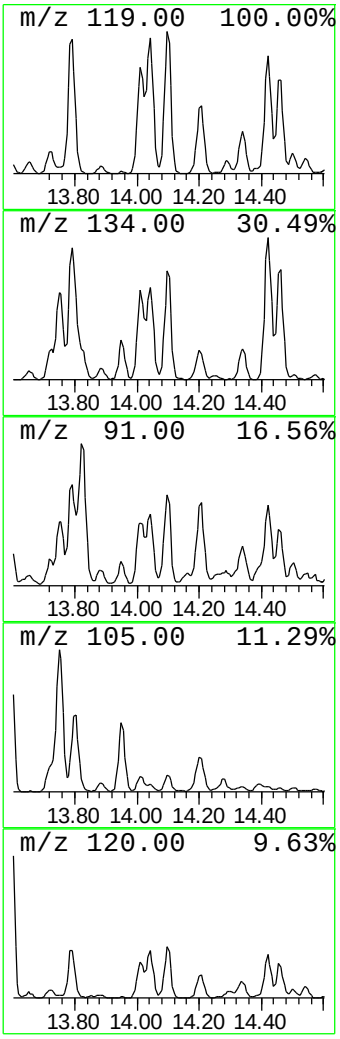
Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	3.87 ug/L	198953	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





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Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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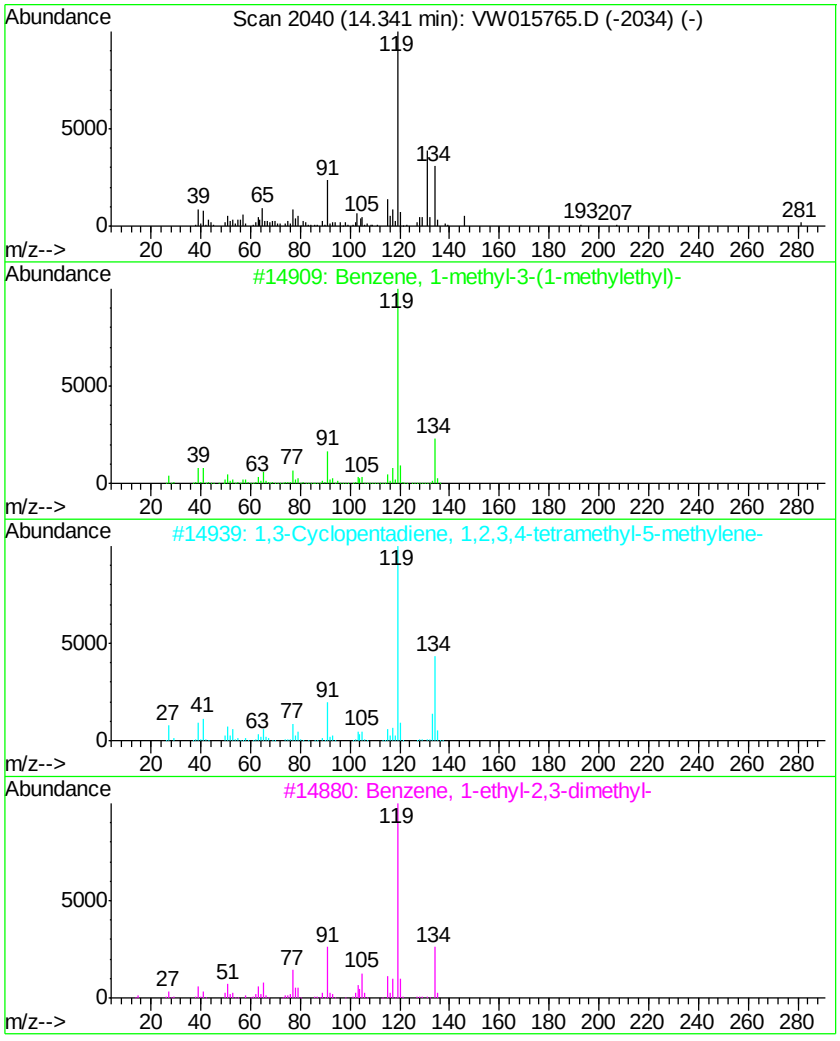
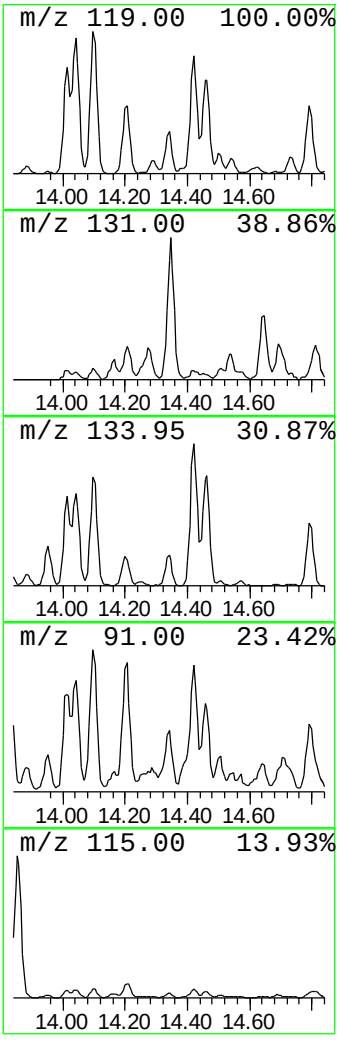
Peak Number 17 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	1.83 ug/L	94301	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	60
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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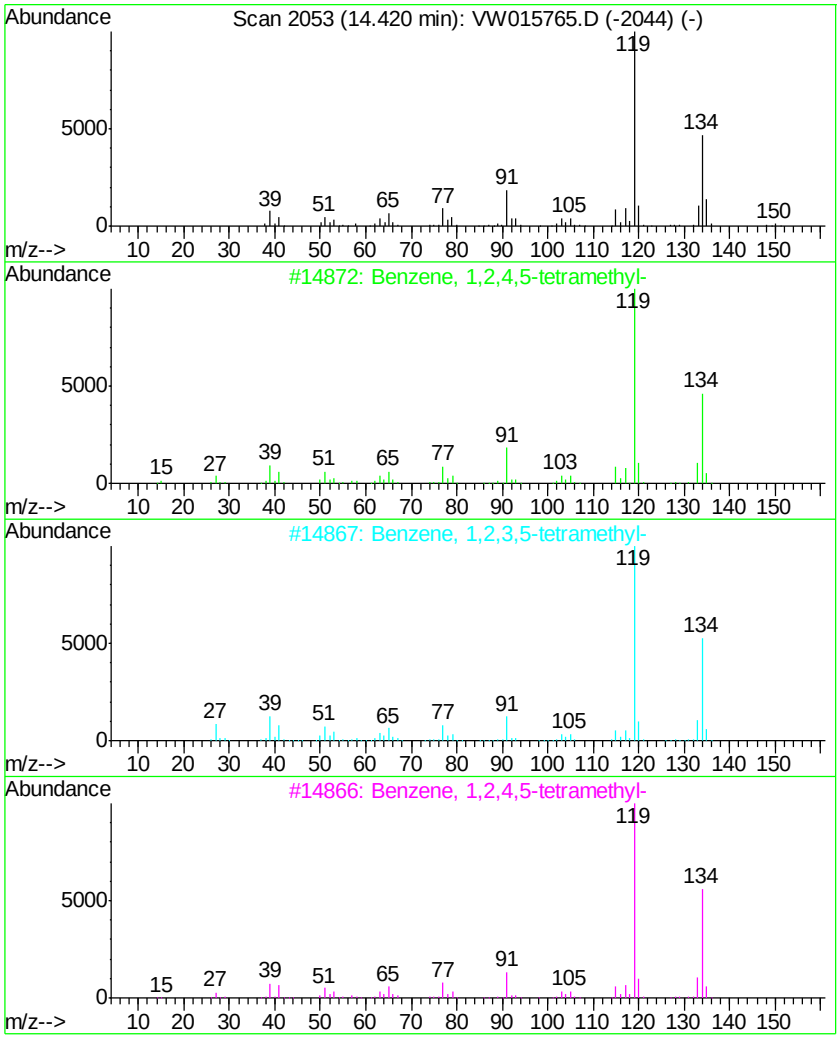
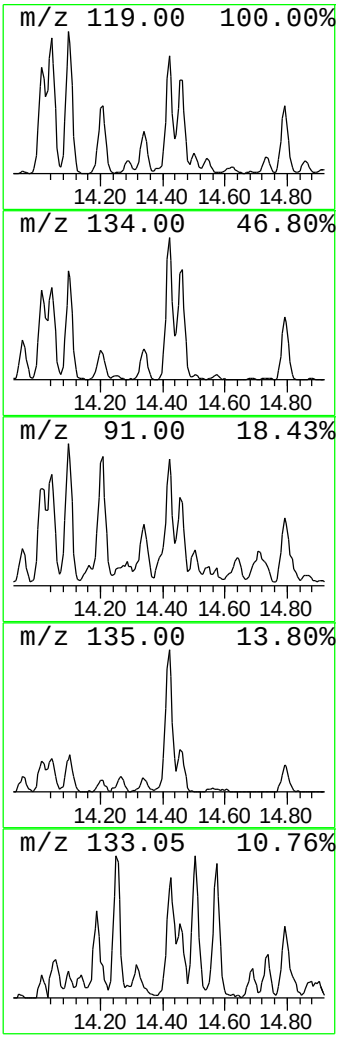
Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	4.11 ug/L	211404	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015765.D
Acq On : 29 Jun 2020 16:21
Operator : SY/VA
Sample : L3131-05
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2M0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, propyl-	12.80	2.4	ug/L	124183	3	13.56	1285930	25.0
Benzene, 1-ethyl-...	12.87	10.9	ug/L	558062	3	13.56	1285930	25.0
Benzene, 1-ethyl-...	12.90	4.5	ug/L	231845	3	13.56	1285930	25.0
Mesitylene	12.94	7.8	ug/L	398726	3	13.56	1285930	25.0
Benzene, 1,2,4-tr...	13.11	3.3	ug/L	169225	3	13.56	1285930	25.0
Benzene, 1,2,3-tr...	13.25	22.5	ug/L	1158610	3	13.56	1285930	25.0
p-Cymene	13.44	2.4	ug/L	125739	3	13.56	1285930	25.0
Benzene, 1-methyl...	13.50	2.0	ug/L	104436	3	13.56	1285930	25.0
Benzene, 1-methyl...	13.75	3.9	ug/L	199707	3	13.56	1285930	25.0
Benzene, 1-ethyl-...	13.79	5.0	ug/L	255652	3	13.56	1285930	25.0
Benzene, (1-methy...	13.95	1.4	ug/L	71376	3	13.56	1285930	25.0
Benzene, 2-ethyl-...	14.01	2.8	ug/L	142627	3	13.56	1285930	25.0
o-Cymene	14.04	2.7	ug/L	139311	3	13.56	1285930	25.0
Benzene, 4-ethyl-...	14.10	3.9	ug/L	198953	3	13.56	1285930	25.0
1,3-Cyclopentadie...	14.34	1.8	ug/L	94301	3	13.56	1285930	25.0
Benzene, 1,2,4,5-...	14.42	4.1	ug/L	211404	3	13.56	1285930	25.0