LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

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	1.989	11	14	26	rVB	9535	20976	1.62%	0.187%
2	2.160	37	42	48	rBV2	7406	15173	1.17%	0.135%
3	2.355	66	74	86	rBV	113777	213204	16.44%	1.900%
4	2.501	95	98	103	rVB	2064	3077	0.24%	0.027%
5	2.891	155	162	180	rVB	74152	191285	14.75%	1.704%
6	4.013	334	346	361	rBV	159248	483999	37.32%	4.312%
7	4.379	395	406	418	rBV	23359	73847	5.69%	0.658%
8	4.915	482	494	514	rVB2	14685	52340	4.04%	0.466%
9	5.787	632	637	647	rVB4	674	2184	0.17%	0.019%
10	5.940	654	662	673	rVB3	4252	12835	0.99%	0.114%
11	6.903	812	820	827	rBV3	965	2745	0.21%	0.024%
12	7.086	838	850	856	rBV	29019	79289	6.11%	0.706%
13	7.647	931	942	956	rBV	222600	542174	41.81%	4.831%
14	7.951	987	992	993	rBV4	626	841	0.06%	0.007%
15	8.153	1022	1025	1030	rBV4	555	922	0.07%	0.008%
16	8.275	1030	1045	1062	rBV2	442486	1296812	100.00%	11.555%
17	8.439	1065	1072	1077	rVB6	1506	3528	0.27%	0.031%
18	8.506	1077	1083	1089	rVB4	1785	3931	0.30%	0.035%
19	8.567	1089	1093	1095	rBV3	599	895	0.07%	0.008%
20	8.695	1107	1114	1121	rBV6	966	1876	0.14%	0.017%
21	8.841	1129	1138	1154	rBV	429435	841912	64.92%	7.501%
22	9.055	1168	1173	1174	rBV3	1155	1411	0.11%	0.013%
23	9.274	1200	1209	1218	rBV	294951	597041	46.04%	5.320%
24	9.616	1259	1265	1270	rVB2	1220	2343	0.18%	0.021%
25	9.750	1282	1287	1295	rBV4	1689	3176	0.24%	0.028%
26	9.957	1315	1321	1326	rBV4	761	1431	0.11%	0.013%
27	10.036	1326	1334	1346	rBV	160187	289299	22.31%	2.578%
28	10.207	1359	1362	1367	rBV3	853	1602	0.12%	0.014%
29	10.323	1373	1381	1397	rBV	639956	1132171	87.30%	10.088%
30	10.494	1403	1409	1416	rVB4	5703	12994	1.00%	0.116%
31	10.579	1416	1423	1432	rBV	101811	174263	13.44%	1.553%
32	10.664	1432	1437	1440	rVV3	8241	14725	1.14%	0.131%
33	10.707	1440	1444	1449	rVV2	11600	20916	1.61%	0.186%
34	10.762	1449	1453	1460	rVB2	4906	8708	0.67%	0.078%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

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	10.835	1460	1465	1467	rBV2	662	1085	0.08%	0.010%
36	10.859	1467	1469	1473	rVB3	1188	1302	0.10%	0.012%
37	10.926	1473	1480	1490	rBV	117592	197463	15.23%	1.759%
38	11.067	1498	1503	1512	rBV	8007	14307	1.10%	0.127%
39	11.146	1512	1516	1517	rBV3	3113	3897	0.30%	0.035%
40	11.176	1518	1521	1526	rVV3	6988	11459	0.88%	0.102%
41	11.231	1526	1530	1536	rVB2	3520	5488	0.42%	0.049%
42	11.439	1554	1564	1572	rVB4	5929	11772	0.91%	0.105%
43	11.506	1572	1575	1580	rBV5	776	1455	0.11%	0.013%
44	11.634	1587	1596	1605	rBV	569271	969800	74.78%	8.641%
45	11.725	1605	1611	1616	rVV4	10064	17536	1.35%	0.156%
46	11.835	1621	1629	1634	rBV	45683	88707	6.84%	0.790%
47	11.981	1648	1653	1654	rBV3	855	1308	0.10%	0.012%
48	12.024	1655	1660	1661	rBV3	2954	4383	0.34%	0.039%
49	12.170	1672	1684	1700	rBV5	12898	47124	3.63%	0.420%
50	12.304	1700	1706	1707	rBV2	3496	5050	0.39%	0.045%
51	12.341	1708	1712	1716	rBV2	11135	17185	1.33%	0.153%
52	12.390	1716	1720	1723	rVB	4835	6463	0.50%	0.058%
53	12.469	1728	1733	1739	rVB2	12200	21716	1.67%	0.193%
54	12.566	1744	1749	1751	rBV5	2052	2870	0.22%	0.026%
55	12.609	1751	1756	1762	rVB2	23714	38507	2.97%	0.343%
56	12.694	1763	1770	1779	rBV	201170	337695	26.04%	3.009%
57	12.804	1779	1788	1793	rVB	41458	77385	5.97%	0.690%
58	12.871	1793	1799	1801	rBV3	6854	12188	0.94%	0.109%
59	12.926	1801	1808	1820	rVB2	74613	171200	13.20%	1.525%
60	13.042	1822	1827	1831	rBV5	3616	6926	0.53%	0.062%
61	13.091	1831	1835	1844	rVB3	13289	29371	2.26%	0.262%
62	13.182	1844	1850	1856	rBV4	9191	21610	1.67%	0.193%
63	13.255	1856	1862	1866	rBV	48841	78854	6.08%	0.703%
64	13.298	1866	1869	1876	rVB2	9408	12116	0.93%	0.108%
65	13.383	1876	1883	1889	rBV2	29417	64942	5.01%	0.579%
66	13.499	1898	1902	1905	rVB2	7332	10114	0.78%	0.090%
67	13.560	1905	1912	1921	rBV	519471	857056	66.09%	7.636%
68	13.652	1923	1927	1931	rVB	11336	15947	1.23%	0.142%
69	13.719	1933	1938	1942	rBV	39788	60693	4.68%	0.541%
70	13.761	1942	1945	1947	rBV	7056	8152	0.63%	0.073%
71	13.798	1947	1951	1952	rBV2	12521	15346	1.18%	0.137%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

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	13.853	1953	1960	1971	rVB	470559	886743	68.38%	7.901%
73	13.950	1971	1976	1981	rBV	29413	43367	3.34%	0.386%
74	14.011	1981	1986	1989	rBV	50163	80815	6.23%	0.720%
75	14.097	1996	2000	2006	rVB	102567	158271	12.20%	1.410%
76	14.164	2006	2011	2013	rBV	17420	28035	2.16%	0.250%
77	14.206	2013	2018	2023	rVV2	55332	94782	7.31%	0.845%
78	14.255	2023	2026	2033	rVB4	9264	18094	1.40%	0.161%
79	14.341	2034	2040	2045	rBV3	17469	33209	2.56%	0.296%
80	14.420	2045	2053	2056	rBV	62930	98671	7.61%	0.879%
81	14.456	2056	2059	2064	rVB	66077	97361	7.51%	0.867%
82	14.505	2064	2067	2070	rVB	6521	7584	0.58%	0.068%
83	14.548	2070	2074	2076	rBV5	4509	6768	0.52%	0.060%
84	14.694	2094	2098	2101	rBV4	6851	13594	1.05%	0.121%
85	14.731	2101	2104	2109	rVB2	11519	16463	1.27%	0.147%
86	14.798	2109	2115	2122	rBV3	45058	97126	7.49%	0.865%
87	14.859	2122	2125	2132	rVB4	3101	6363	0.49%	0.057%
88	14.956	2137	2141	2147	rBV	15602	24798	1.91%	0.221%
89	15.072	2155	2160	2162	rBV4	4721	6983	0.54%	0.062%
90	15.176	2173	2177	2187	rVB7	7726	16611	1.28%	0.148%
91	15.273	2189	2193	2195	rBB5	814	1180	0.09%	0.011%
92	15.316	2197	2200	2201	rBV4	780	778	0.06%	0.007%
93	15.371	2202	2209	2215	rVV	56788	98999	7.63%	0.882%
94	15.438	2215	2220	2226	rVB	9216	14938	1.15%	0.133%
95	15.554	2237	2239	2243	rVB3	965	1122	0.09%	0.010%
96	15.682	2258	2260	2262	rBV3	703	826	0.06%	0.007%
97	15.767	2272	2274	2276	rBV2	935	916	0.07%	0.008%
98	15.852	2284	2288	2295	rVB7	853	1968	0.15%	0.018%
99	16.450	2380	2386	2392	rBV5	2888	7475	0.58%	0.067%
100	16.596	2402	2410	2414	rBV4	3255	7056	0.54%	0.063%

Sum of corrected areas: 11223293

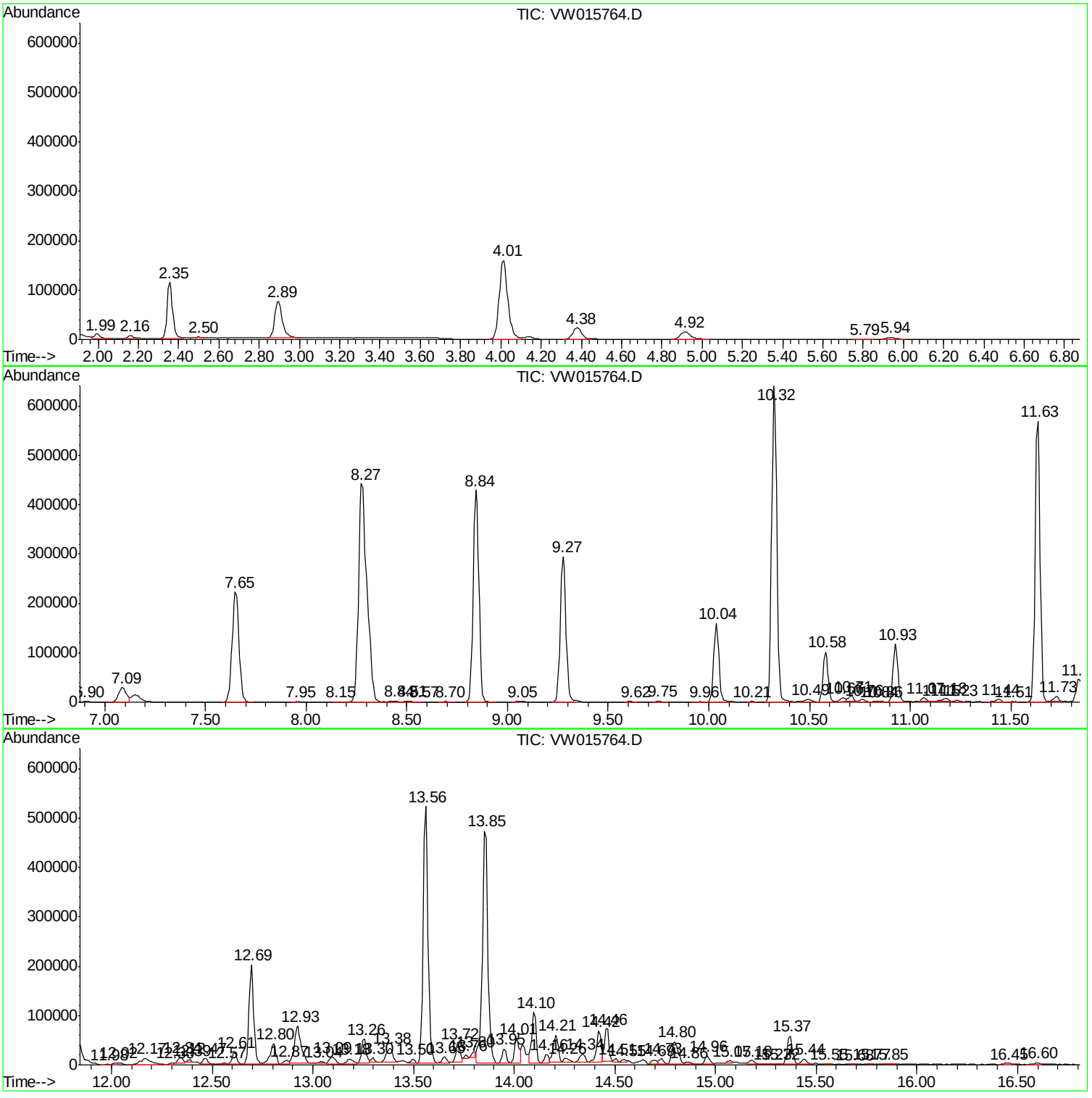
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

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 : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

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

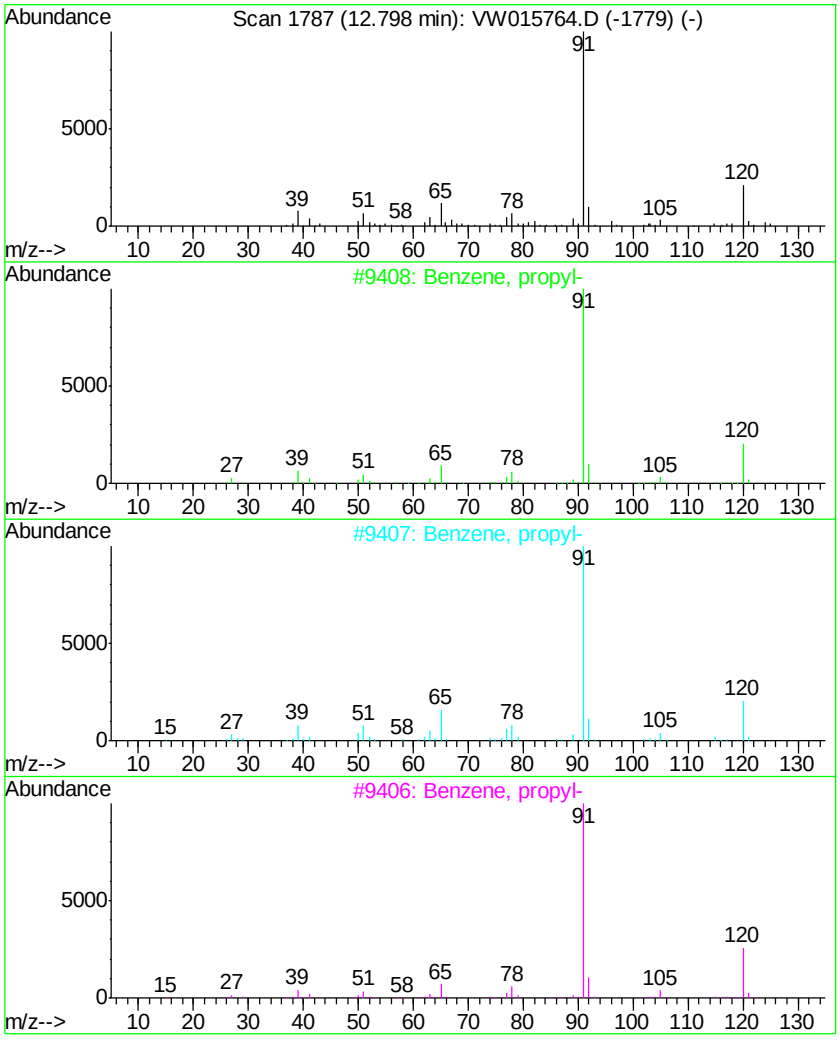
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

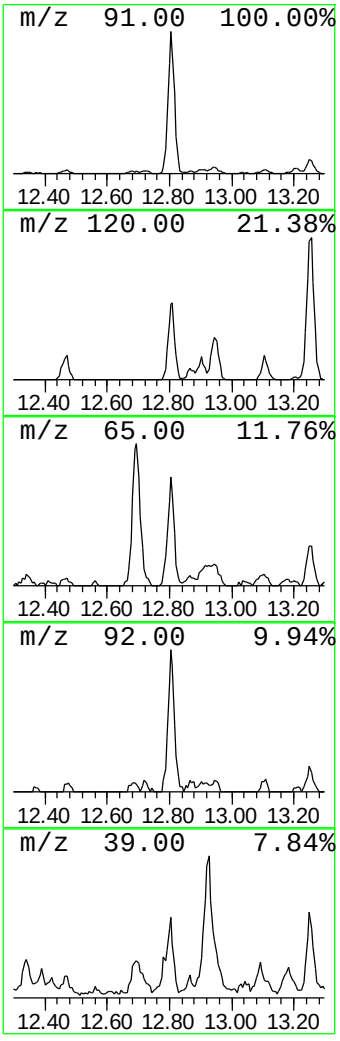
****

Peak Number 2 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.26 ug/L	77385	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	86
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

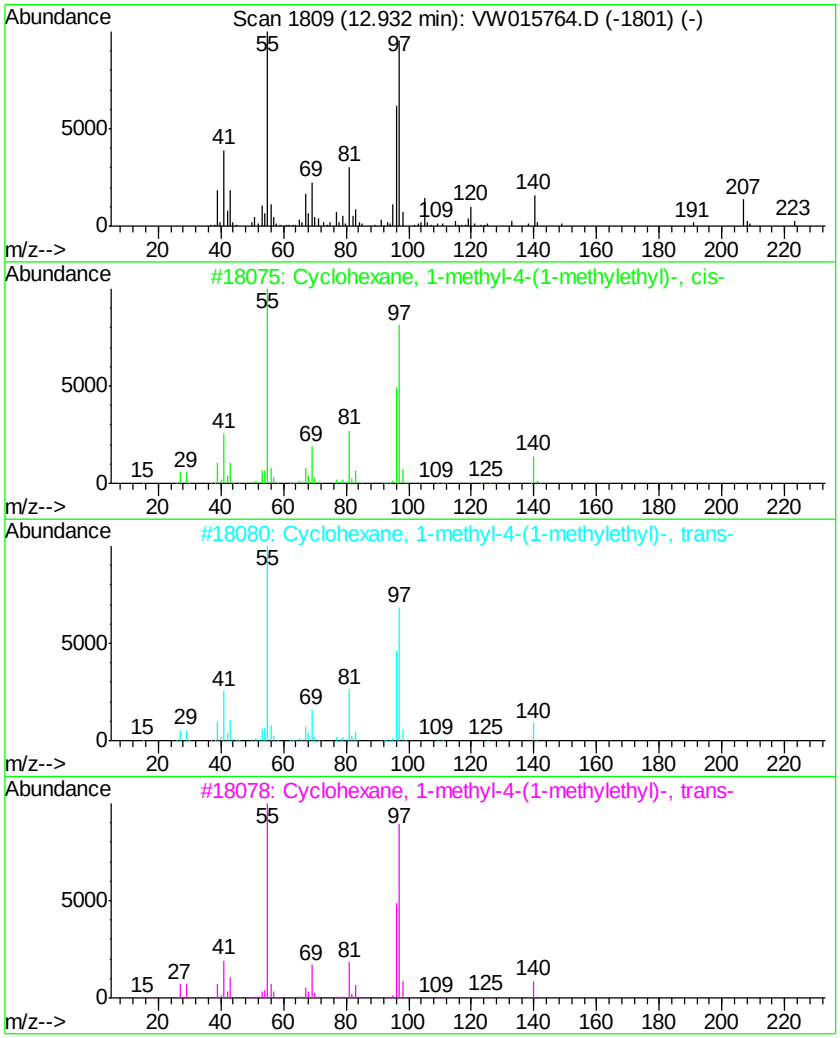
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

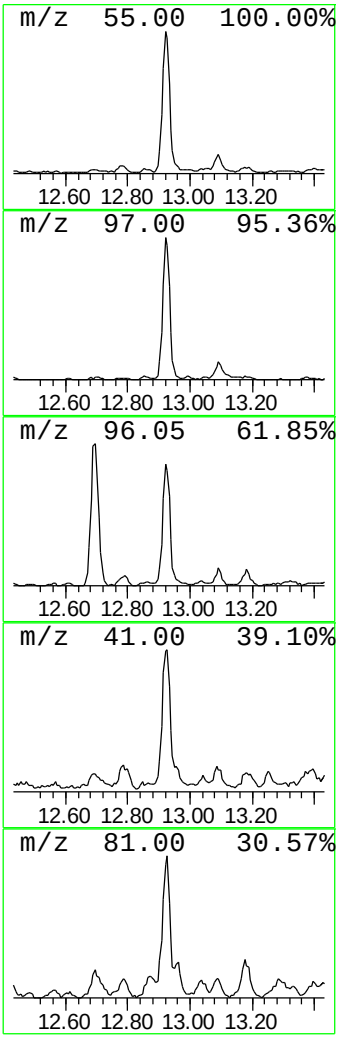
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic12.93 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	4.99 ug/L	171200	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	97
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	94
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	90
4	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	90
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

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

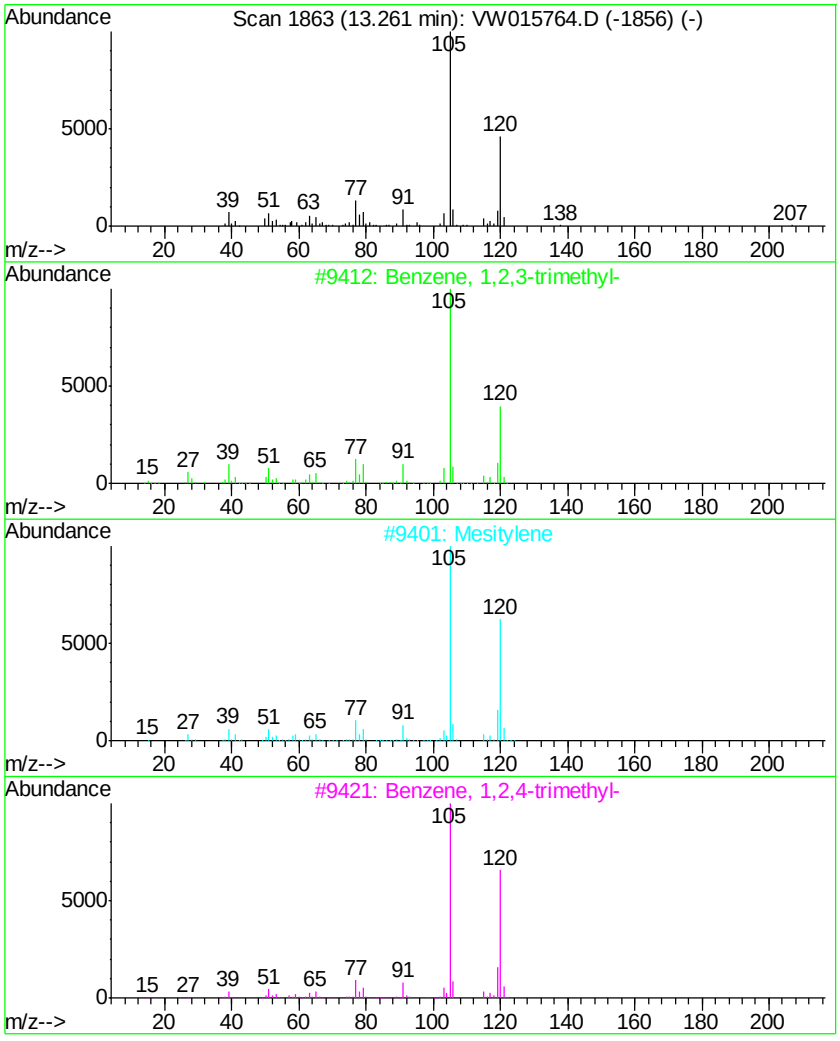
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

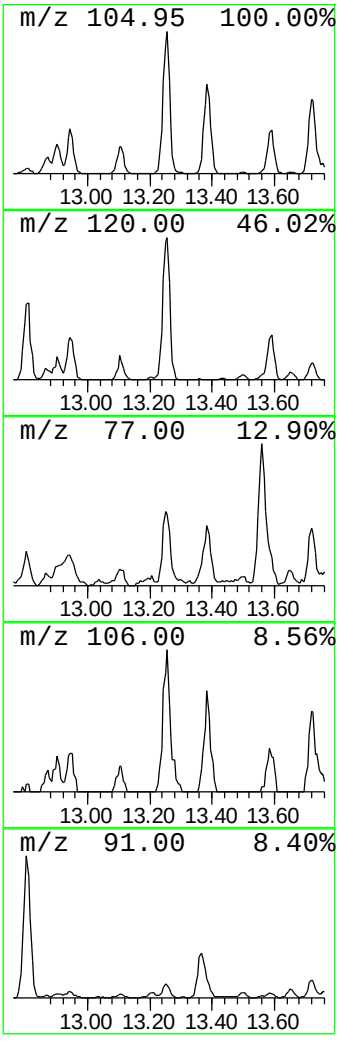
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.30 ug/L	78854	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	93
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

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

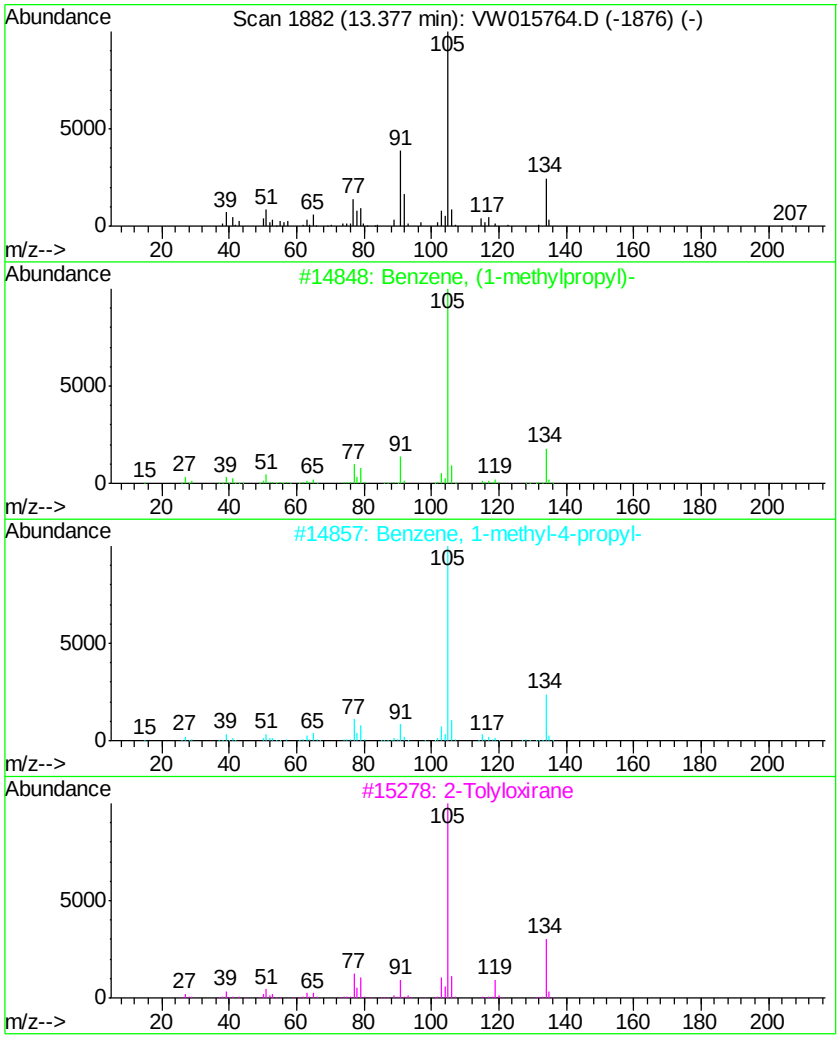
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

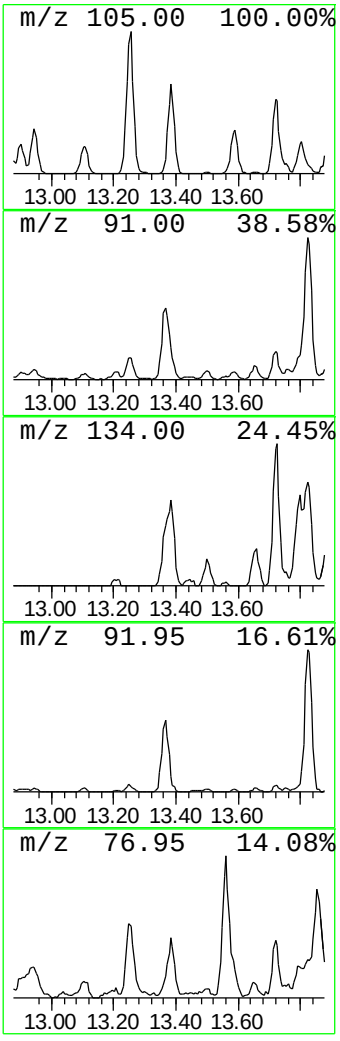
****

Peak Number 5 Benzene, (1-methylpropyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	1.89 ug/L	64942	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	2-Tolyloxirane	134	C9H10O	002783-26-8	90
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

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

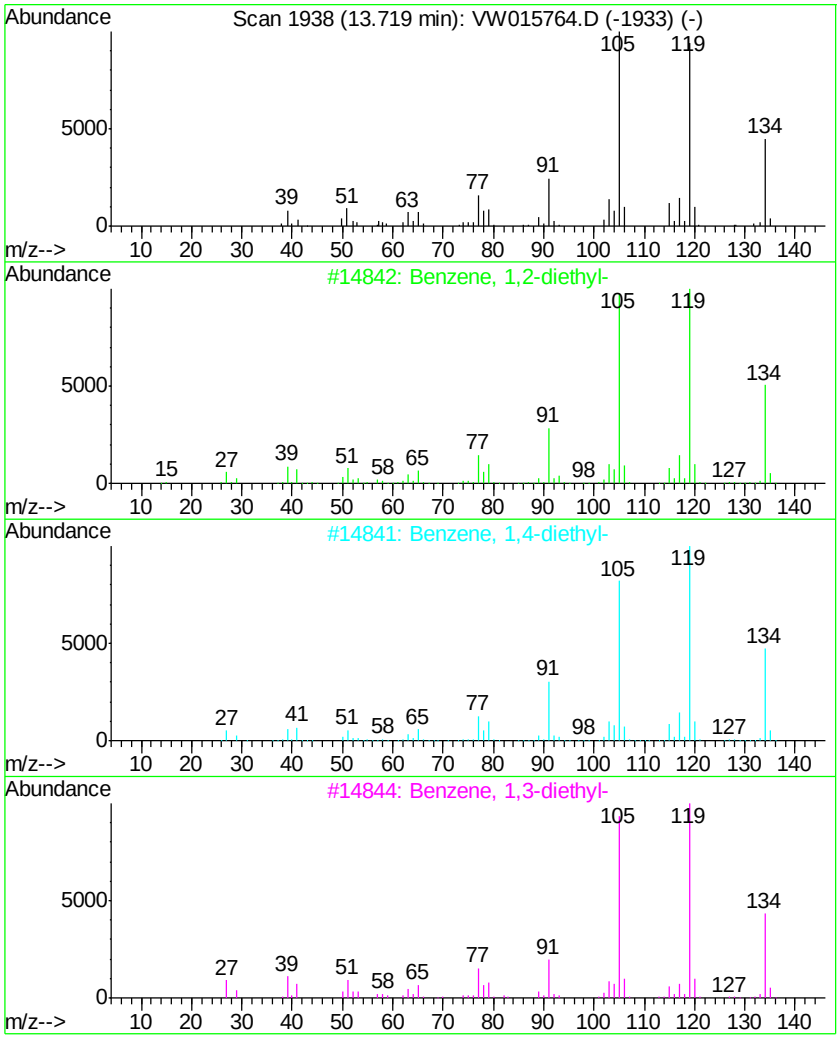
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

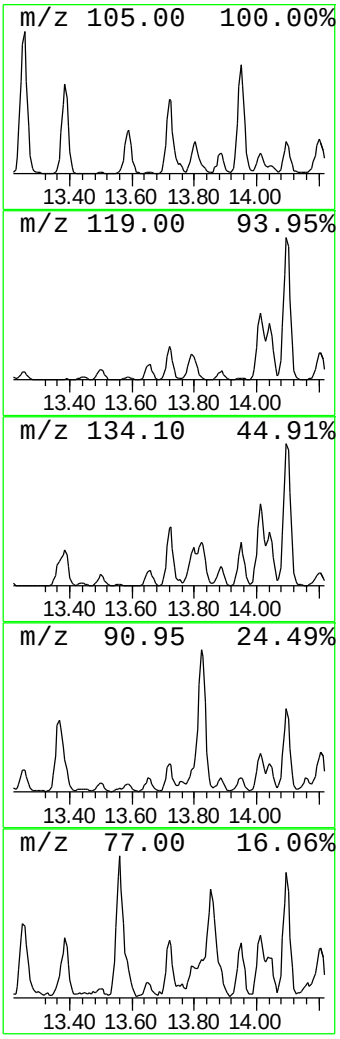
****

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	1.77 ug/L	60693	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

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

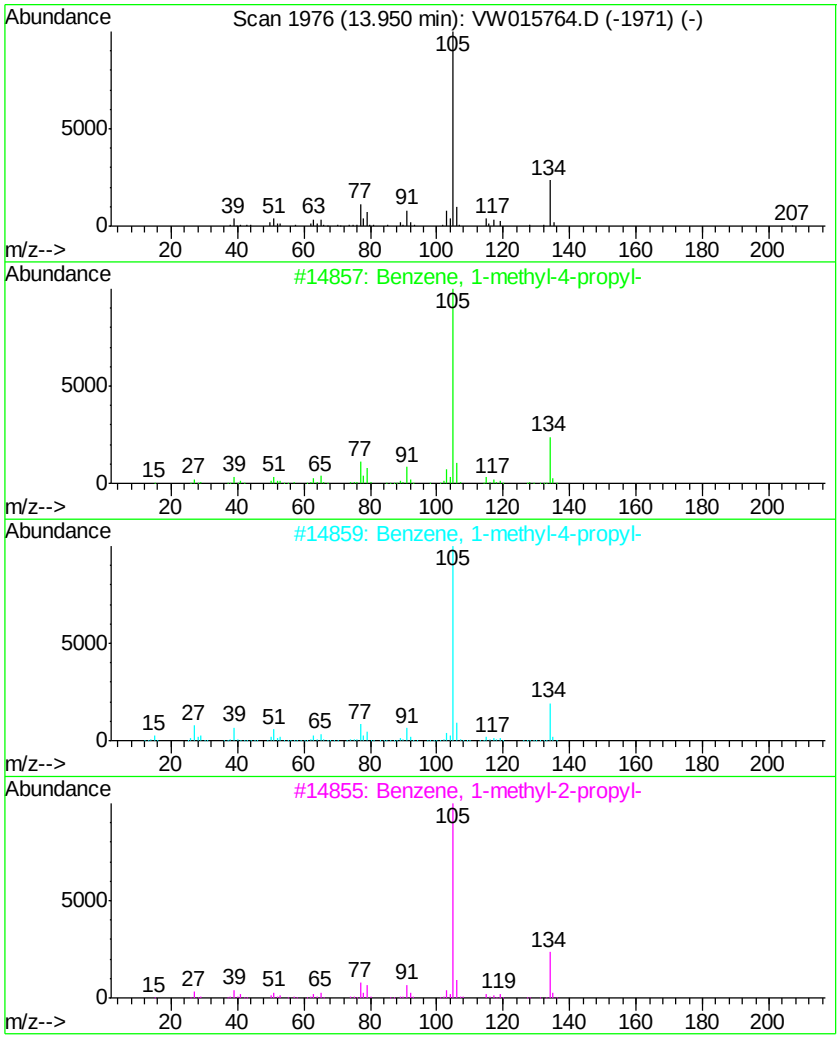
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

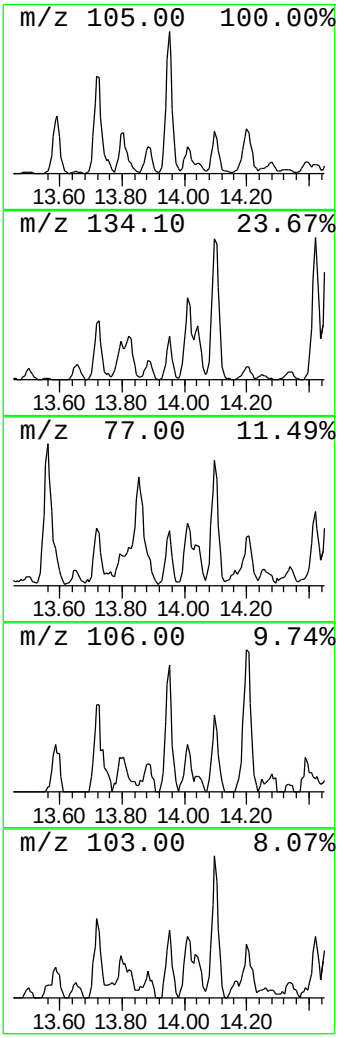
****

Peak Number 7 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	1.27 ug/L	43367	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-methyl-4-propyl-	134	C10H14	001074-55-1	87
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

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

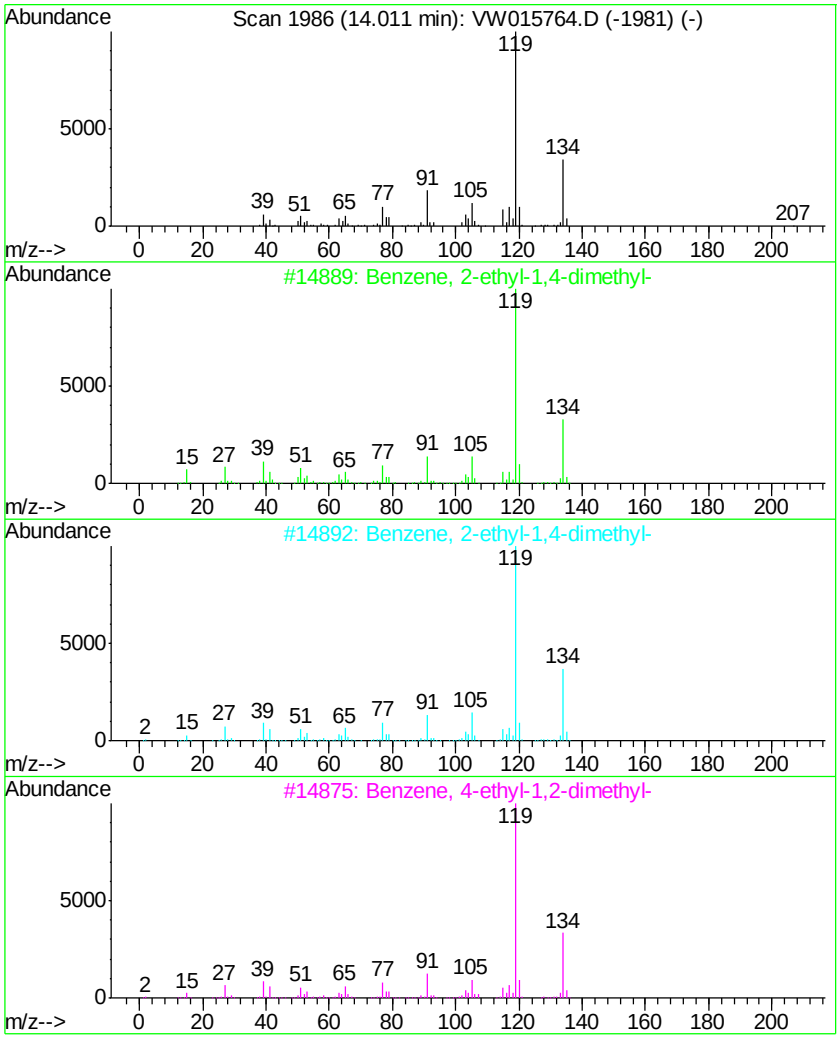
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

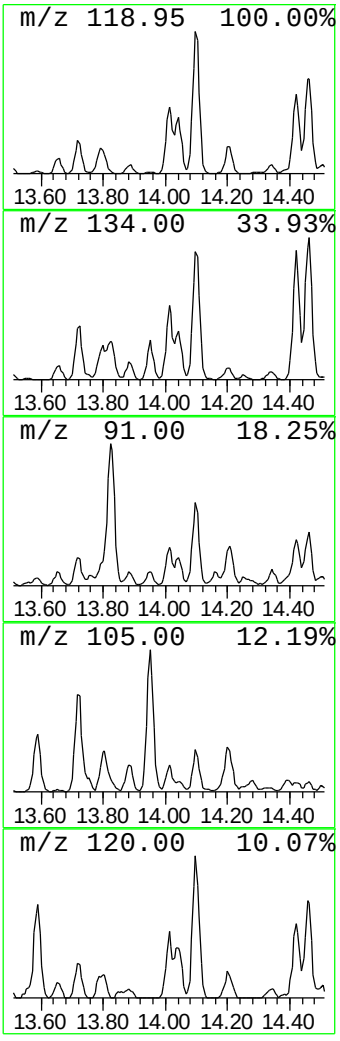
****

Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.36 ug/L	80815	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	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

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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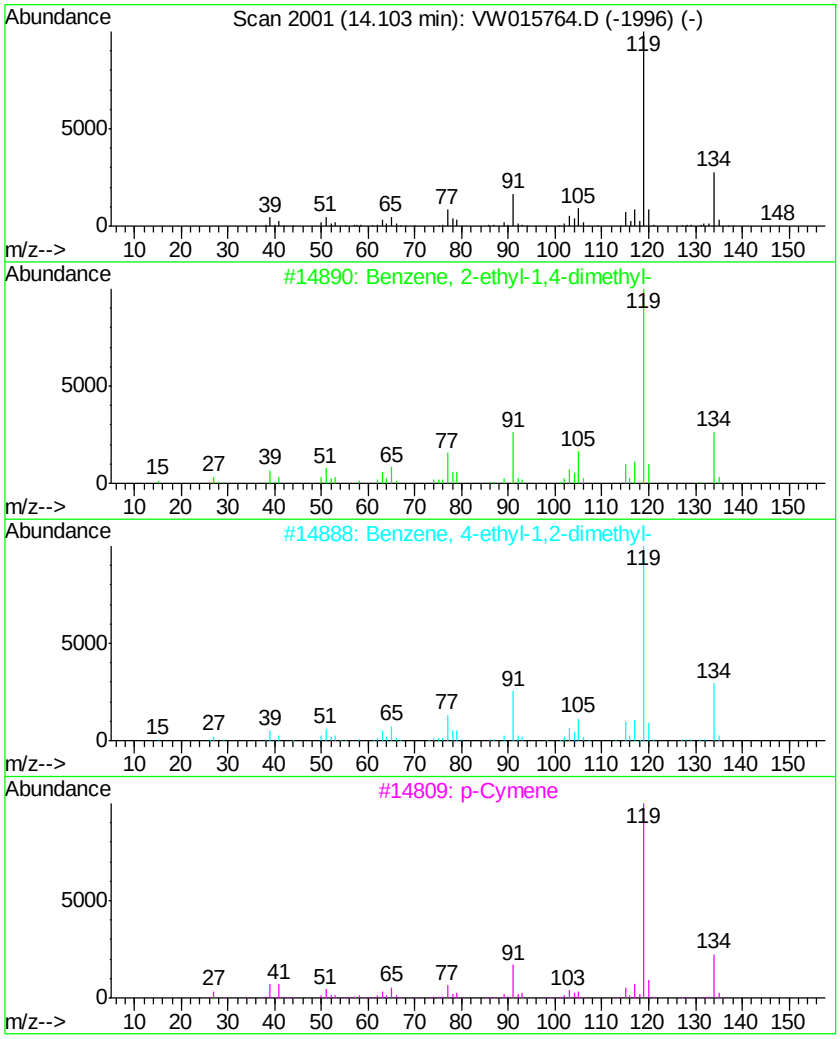
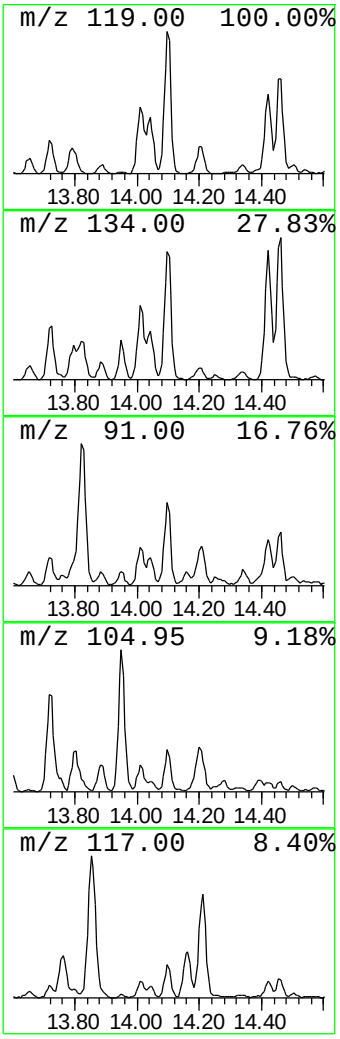
Peak Number 9 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	4.62 ug/L	158271	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	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

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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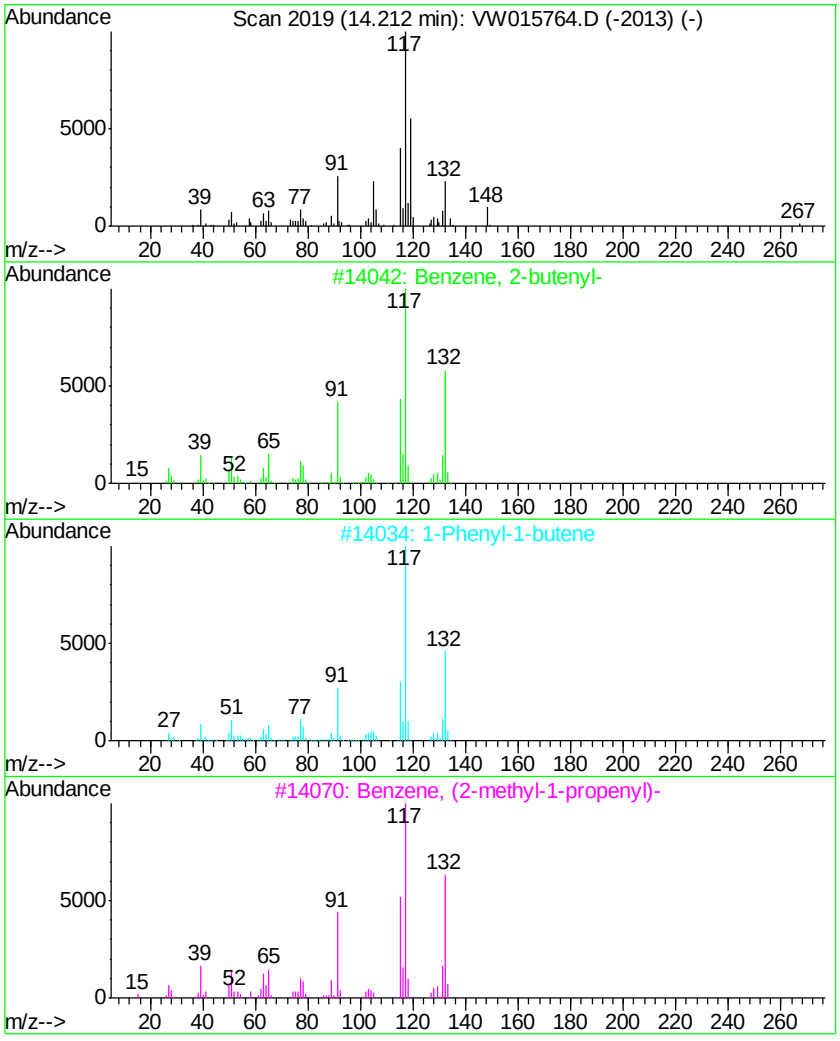
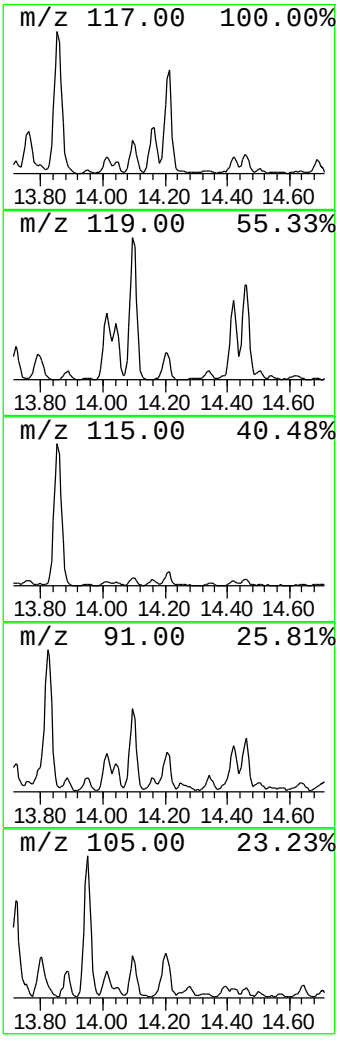
Peak Number 10 Benzene, 2-butenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	2.76 ug/L	94782	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

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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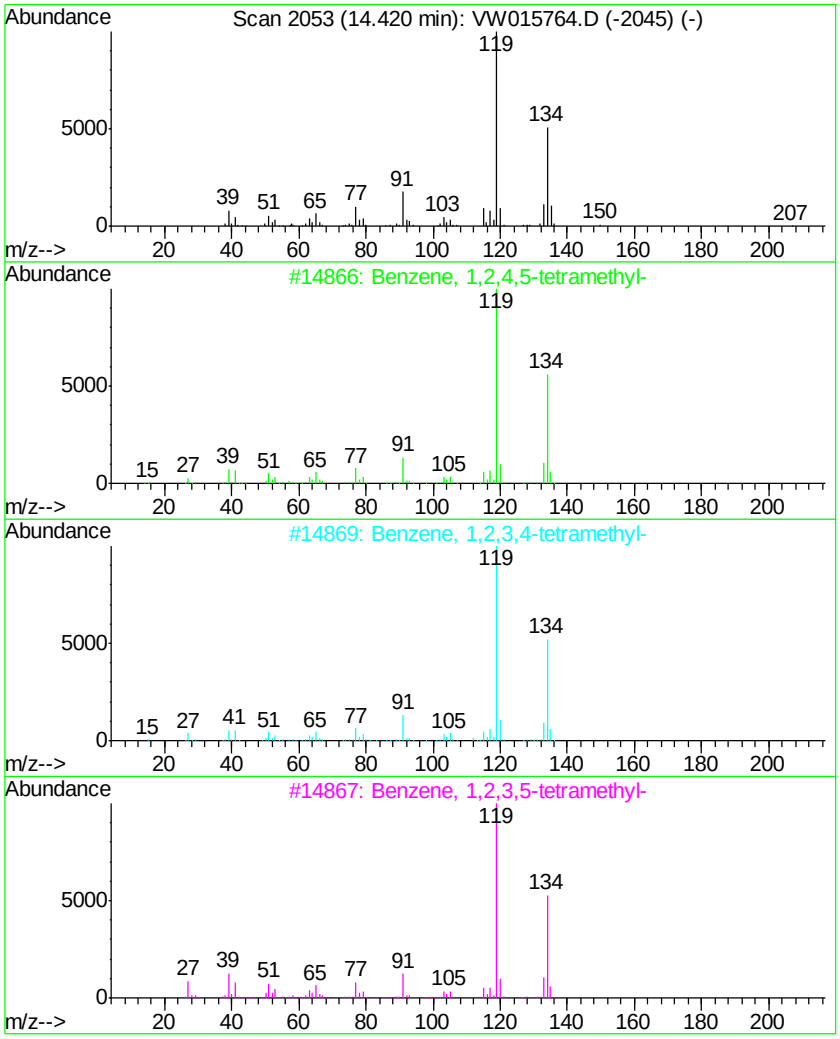
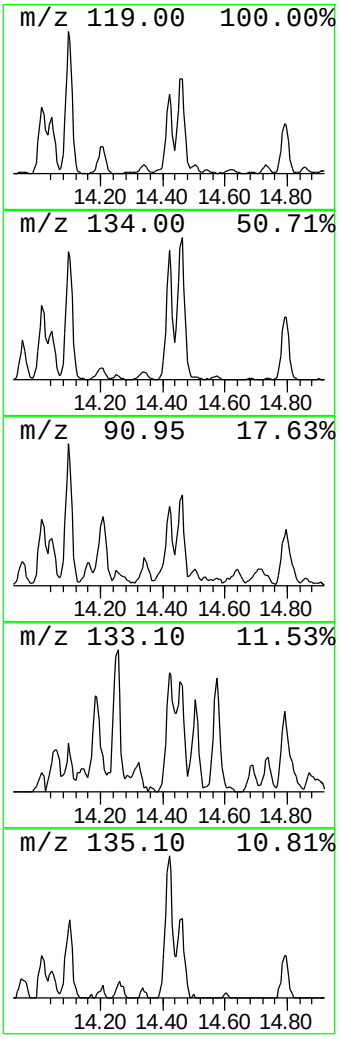
Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.88 ug/L	98671	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	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

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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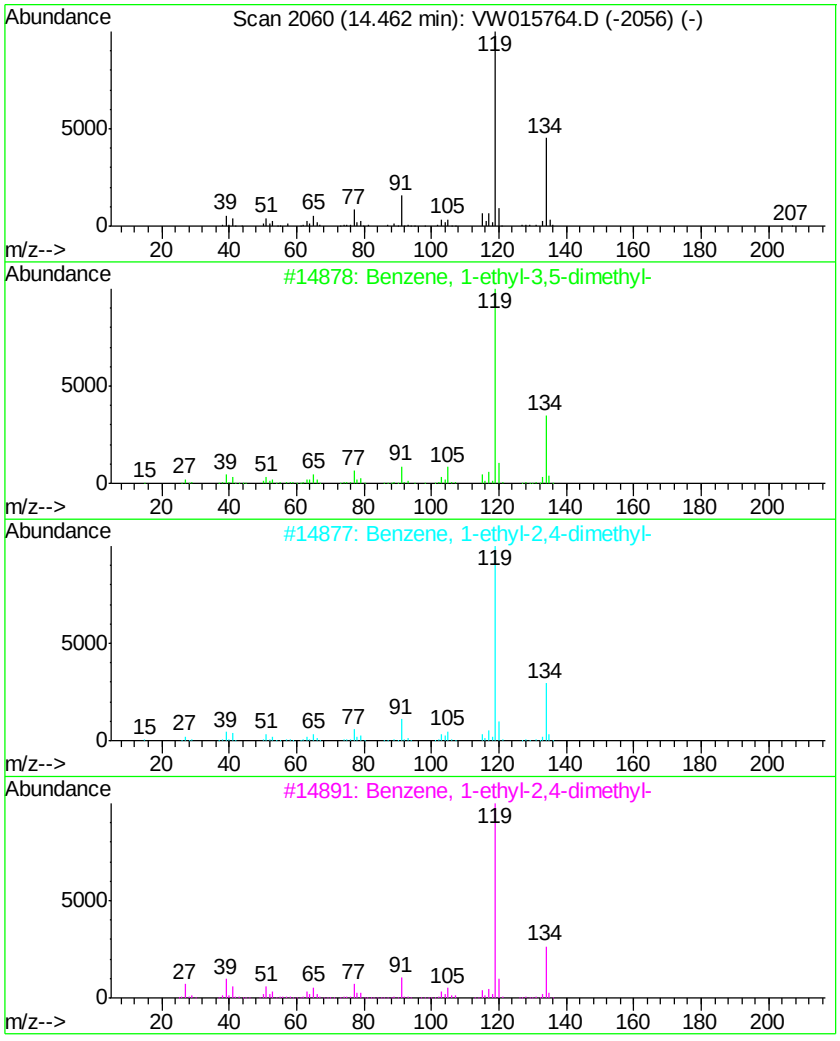
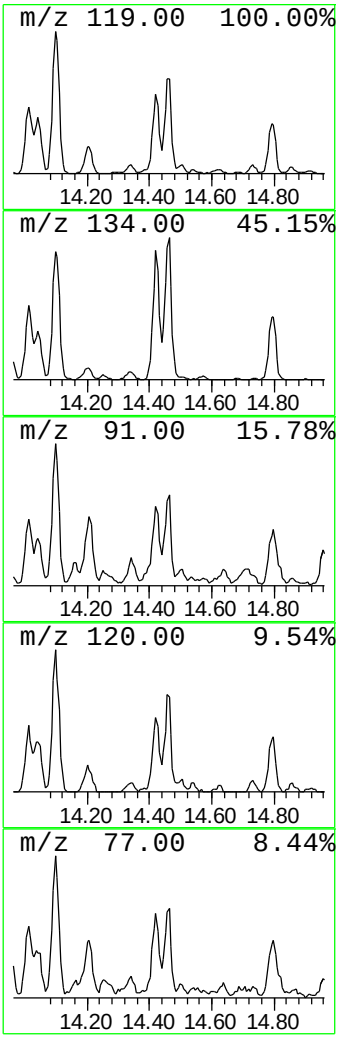
Peak Number 12 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.84 ug/L	97361	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	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

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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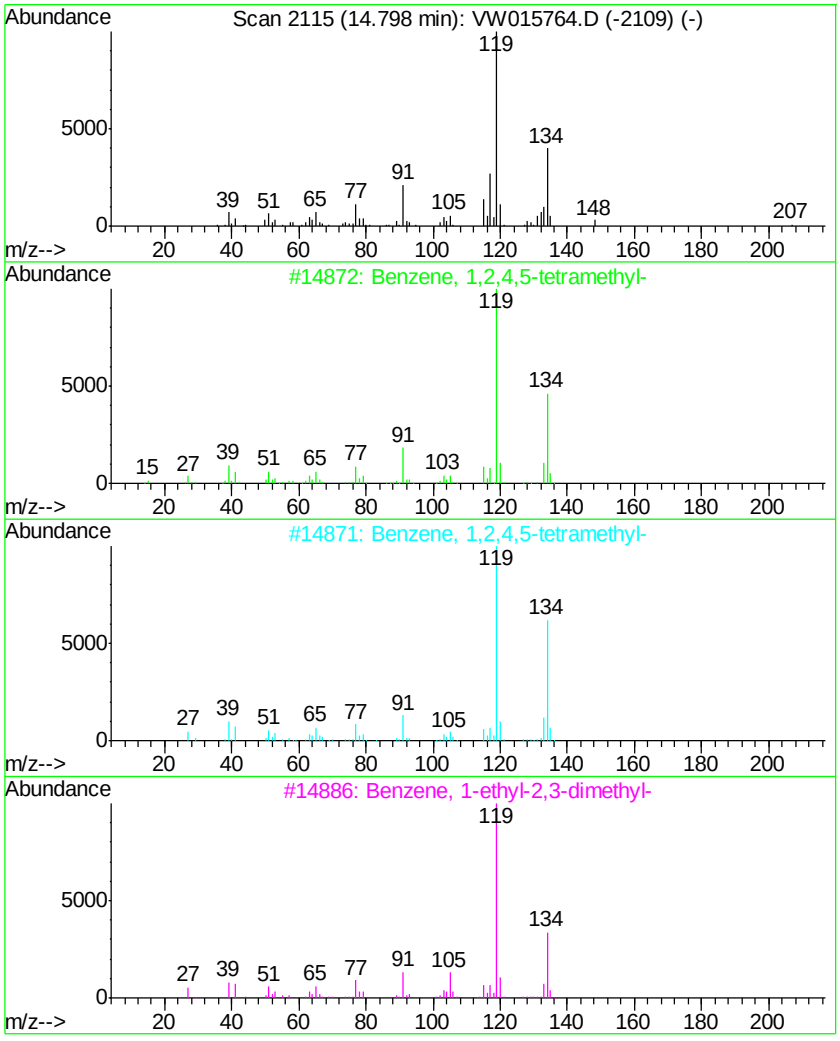
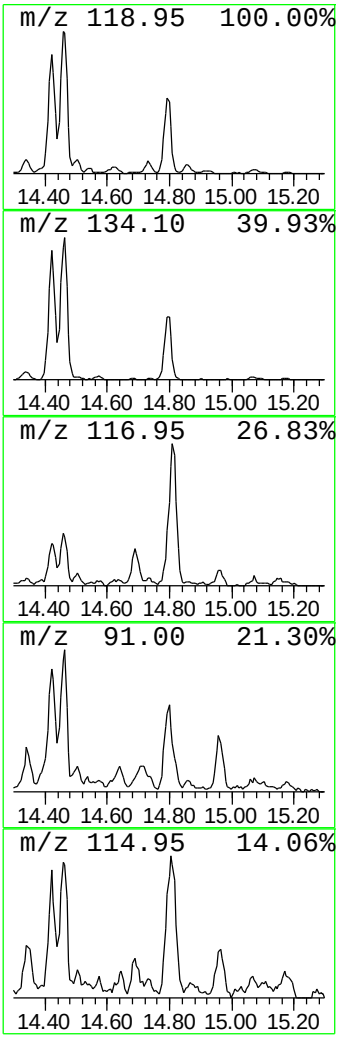
Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.83 ug/L	97126	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	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
Data File : VW015764.D
Acq On : 29 Jun 2020 15:57
Operator : SY/VA
Sample : L3131-02
Misc : 6.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2L7

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	2.3	ug/L	77385	3	13.56	857056	25.0
(DEL) Alkane: Cyc...	12.93	5.0	ug/L	171200	3	13.56	857056	25.0
Benzene, 1,2,3-tr...	13.26	2.3	ug/L	78854	3	13.56	857056	25.0
Benzene, (1-methy...	13.38	1.9	ug/L	64942	3	13.56	857056	25.0
Benzene, 1,2-diet...	13.72	1.8	ug/L	60693	3	13.56	857056	25.0
Benzene, 1-methyl...	13.95	1.3	ug/L	43367	3	13.56	857056	25.0
Benzene, 2-ethyl-...	14.01	2.4	ug/L	80815	3	13.56	857056	25.0
o-Cymene	14.10	4.6	ug/L	158271	3	13.56	857056	25.0
Benzene, 2-butenyl-	14.21	2.8	ug/L	94782	3	13.56	857056	25.0
Benzene, 1,2,4,5-...	14.42	2.9	ug/L	98671	3	13.56	857056	25.0
Benzene, 1-ethyl-...	14.46	2.8	ug/L	97361	3	13.56	857056	25.0
Benzene, 1,2,3,4-...	14.80	2.8	ug/L	97126	3	13.56	857056	25.0