LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
Data File : VW017009.D
Acq On : 28 Oct 2020 13:22
Operator : SY/VA
Sample : L4502-19
Misc : 5.94G/10ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

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\SOM2WLM102220S.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	12	14	30	rVB	6892	14254	0.03%	0.021%
2	2.154	37	41	44	rBV	1553	2106	0.00%	0.003%
3	2.355	68	74	85	rVB	105062	209918	0.43%	0.314%
4	2.495	92	97	105	rBV3	4548	10846	0.02%	0.016%
5	2.892	155	162	177	rVB	71843	179113	0.37%	0.268%
6	3.385	239	243	244	rBV2	600	849	0.00%	0.001%
7	3.891	319	326	327	rBV3	1111	1397	0.00%	0.002%
8	3.928	330	332	335	rVB2	791	746	0.00%	0.001%
9	4.025	335	348	362	rBV2	179515	595419	1.22%	0.892%
10	4.385	397	407	422	rBV	10605	34435	0.07%	0.052%
11	4.928	484	496	507	rBV3	9605	36900	0.08%	0.055%
12	5.147	528	532	533	rVV3	356	377	0.00%	0.001%
13	5.428	572	578	579	rBV3	953	1457	0.00%	0.002%
14	5.793	629	638	649	rVB4	3249	10421	0.02%	0.016%
15	5.940	653	662	663	rBV3	2546	4437	0.01%	0.007%
16	6.720	788	790	794	rVB2	418	442	0.00%	0.001%
17	6.897	811	819	820	rBV2	1942	2680	0.01%	0.004%
18	7.080	840	849	855	rBV	32452	90968	0.19%	0.136%
19	7.311	885	887	891	rBV	363	449	0.00%	0.001%
20	7.555	924	927	930	rVB5	619	832	0.00%	0.001%
21	7.653	930	943	956	rBV	250397	611647	1.25%	0.916%
22	7.952	985	992	1001	rVB2	2279	5270	0.01%	0.008%
23	8.031	1001	1005	1009	rBV5	532	831	0.00%	0.001%
24	8.147	1022	1024	1025	rBV	713	539	0.00%	0.001%
25	8.281	1034	1046	1063	rBV2	509507	1580540	3.23%	2.367%
26	8.470	1075	1077	1081	rVB2	405	494	0.00%	0.001%
27	8.555	1086	1091	1097	rBV4	1535	3825	0.01%	0.006%
28	8.634	1100	1104	1107	rVB4	376	593	0.00%	0.001%
29	8.695	1110	1114	1122	rVB6	1712	3362	0.01%	0.005%
30	8.848	1130	1139	1154	rBV	491967	964334	1.97%	1.444%
31	9.092	1167	1179	1199	rBV	3528688	7187889	14.69%	10.762%
32	9.281	1201	1210	1218	rBV	307376	624412	1.28%	0.935%
33	9.415	1227	1232	1239	rVB4	3073	6766	0.01%	0.010%
34	9.524	1245	1250	1252	rVB3	291	441	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
Data File : VW017009.D
Acq On : 28 Oct 2020 13:22
Operator : SY/VA
Sample : L4502-19
Misc : 5.94G/10ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

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\SOM2WLM102220S.M
Title : VOC Analysis

35	9.659	1267	1272	1273	rBV3	1000	1133	0.00%	0.002%
36	9.762	1284	1289	1295	rBV5	900	1616	0.00%	0.002%
37	9.896	1306	1311	1317	rVV4	2134	4010	0.01%	0.006%
38	9.969	1321	1323	1325	rVV3	509	583	0.00%	0.001%
39	10.037	1327	1334	1348	rVV	172974	305884	0.63%	0.458%
40	10.134	1348	1350	1354	rVB4	771	687	0.00%	0.001%
41	10.213	1357	1363	1367	rBV2	3579	7085	0.01%	0.011%
42	10.250	1367	1369	1373	rVB4	1316	1662	0.00%	0.002%
43	10.329	1373	1382	1389	rBV	722240	1273181	2.60%	1.906%
44	10.390	1389	1392	1401	rVB2	6208	10728	0.02%	0.016%
45	10.500	1406	1410	1414	rVB6	1486	2755	0.01%	0.004%
46	10.579	1416	1423	1430	rBV	103766	180260	0.37%	0.270%
47	10.707	1439	1444	1450	rVB2	19946	33681	0.07%	0.050%
48	10.860	1461	1469	1470	rBV	43714291	48926739	100.00%	73.258%
49	11.067	1499	1503	1511	rVB2	22103	41823	0.09%	0.063%
50	11.439	1560	1564	1570	rVB2	9339	15739	0.03%	0.024%
51	11.634	1588	1596	1606	rBV	591406	994317	2.03%	1.489%
52	11.731	1609	1612	1617	rVV2	4280	6440	0.01%	0.010%
53	11.774	1617	1619	1621	rVV2	954	771	0.00%	0.001%
54	11.841	1625	1630	1637	rVB2	9270	17279	0.04%	0.026%
55	12.170	1678	1684	1693	rBV3	5181	10869	0.02%	0.016%
56	12.341	1707	1712	1723	rVB4	6240	10652	0.02%	0.016%
57	12.469	1728	1733	1737	rVB3	2118	3221	0.01%	0.005%
58	12.609	1750	1756	1763	rVB2	21216	35389	0.07%	0.053%
59	12.695	1763	1770	1777	rBV	210658	342269	0.70%	0.512%
60	12.749	1777	1779	1780	rVB2	551	400	0.00%	0.001%
61	12.804	1785	1788	1793	rVB2	3925	6012	0.01%	0.009%
62	12.871	1793	1799	1802	rBV2	10288	18268	0.04%	0.027%
63	12.938	1806	1810	1818	rVB4	15825	28800	0.06%	0.043%
64	13.036	1821	1826	1830	rBV3	3048	4489	0.01%	0.007%
65	13.103	1832	1837	1842	rVB	5848	9231	0.02%	0.014%
66	13.201	1849	1853	1855	rBV4	1402	1884	0.00%	0.003%
67	13.249	1855	1861	1867	rBV	30842	50551	0.10%	0.076%
68	13.390	1875	1884	1889	rBV4	10729	33524	0.07%	0.050%
69	13.444	1889	1893	1897	rVV2	5336	8181	0.02%	0.012%
70	13.499	1897	1902	1905	rVV2	7709	11010	0.02%	0.016%
71	13.560	1905	1912	1923	rVV	424028	713821	1.46%	1.069%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
Data File : VW017009.D
Acq On : 28 Oct 2020 13:22
Operator : SY/VA
Sample : L4502-19
Misc : 5.94G/10ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

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\SOM2WLM102220S.M
Title : VOC Analysis

72	13.652	1923	1927	1932	rVB4	2898	4848	0.01%	0.007%
73	13.749	1933	1943	1946	rBV	63580	114480	0.23%	0.171%
74	13.798	1946	1951	1954	rVV3	70298	142734	0.29%	0.214%
75	13.853	1955	1960	1971	rVV	394634	691647	1.41%	1.036%
76	13.950	1971	1976	1981	rVB	25945	39614	0.08%	0.059%
77	14.011	1981	1986	1988	rBV	28233	42777	0.09%	0.064%
78	14.042	1988	1991	1996	rVV2	38410	67148	0.14%	0.101%
79	14.097	1996	2000	2006	rVB	52174	83184	0.17%	0.125%
80	14.207	2011	2018	2022	rVB3	10878	23006	0.05%	0.034%
81	14.249	2022	2025	2034	rVB3	4938	10127	0.02%	0.015%
82	14.341	2034	2040	2046	rVB2	16911	30376	0.06%	0.045%
83	14.420	2048	2053	2056	rBV	37103	59245	0.12%	0.089%
84	14.456	2056	2059	2065	rVB	52896	75192	0.15%	0.113%
85	14.505	2065	2067	2068	rBV	1860	1523	0.00%	0.002%
86	14.572	2075	2078	2083	rVB2	4169	5544	0.01%	0.008%
87	14.639	2085	2089	2093	rVV5	3567	6003	0.01%	0.009%
88	14.688	2093	2097	2101	rVV4	9135	15700	0.03%	0.024%
89	14.725	2101	2103	2108	rVB6	2347	3788	0.01%	0.006%
90	14.792	2108	2114	2123	rBV2	18063	38583	0.08%	0.058%
91	14.865	2123	2126	2127	rBV3	919	1025	0.00%	0.002%
92	14.963	2138	2142	2144	rBV4	1132	1909	0.00%	0.003%
93	15.060	2155	2158	2162	rBV5	2160	3271	0.01%	0.005%
94	15.170	2173	2176	2177	rBV2	2268	2169	0.00%	0.003%
95	15.310	2194	2199	2200	rBV3	701	896	0.00%	0.001%
96	15.371	2204	2209	2214	rVV2	3429	6395	0.01%	0.010%
97	15.438	2216	2220	2226	rVB2	6099	10027	0.02%	0.015%
98	15.688	2259	2261	2264	rVB3	992	786	0.00%	0.001%
99	15.895	2293	2295	2297	rBV3	754	476	0.00%	0.001%
100	16.590	2408	2409	2413	rBV3	762	722	0.00%	0.001%

Sum of corrected areas: 66787128

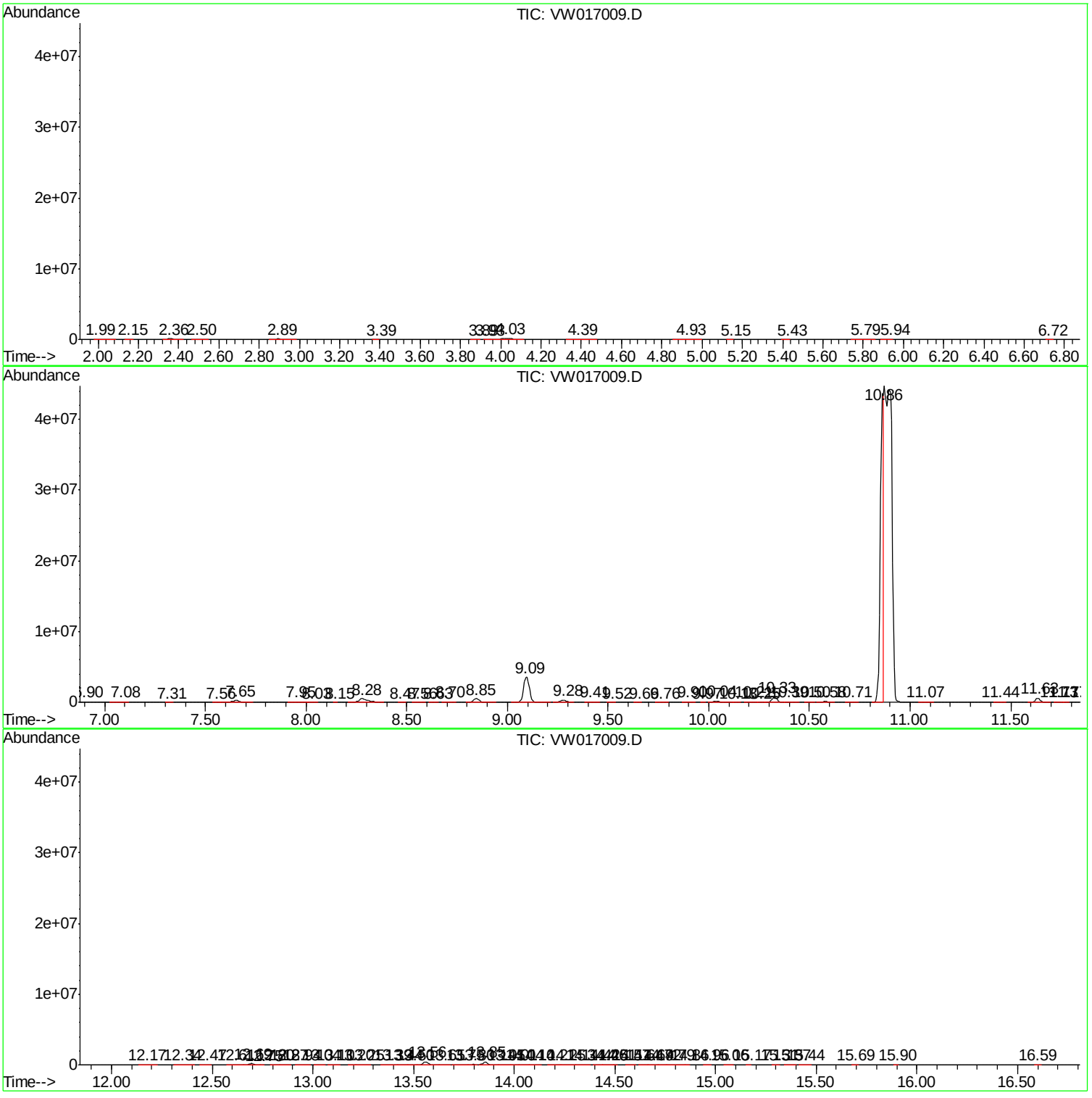
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102820\
Data File : VW017009.D
Acq On : 28 Oct 2020 13:22
Operator : SY/VA
Sample : L4502-19
Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102820\
Data File : VW017009.D
Acq On : 28 Oct 2020 13:22
Operator : SY/VA
Sample : L4502-19
Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

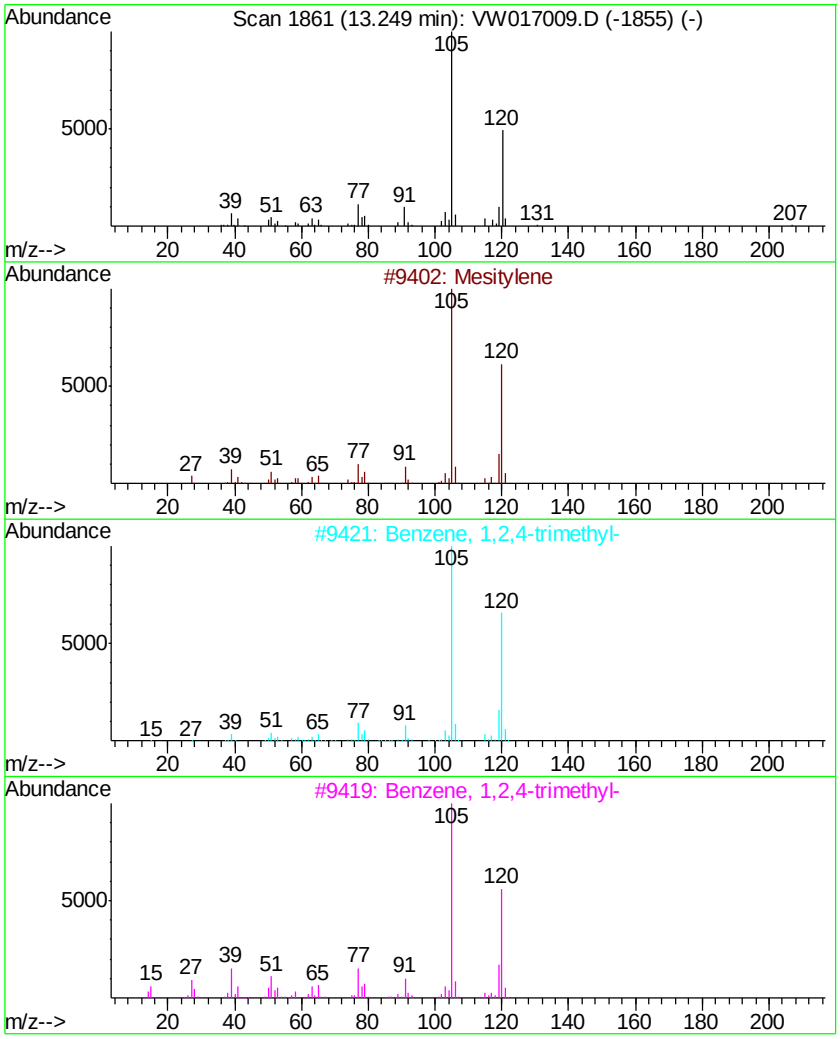
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

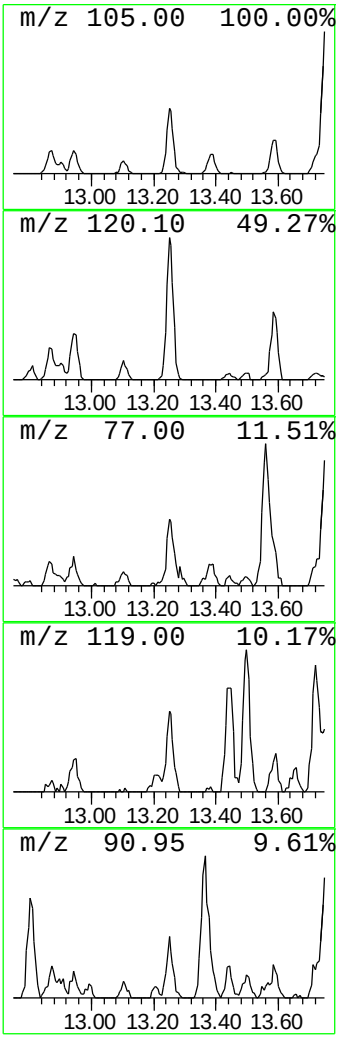
****

Peak Number 2 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	1.77 ug/L	50551	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102820\
Data File : VW017009.D
Acq On : 28 Oct 2020 13:22
Operator : SY/VA
Sample : L4502-19
Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

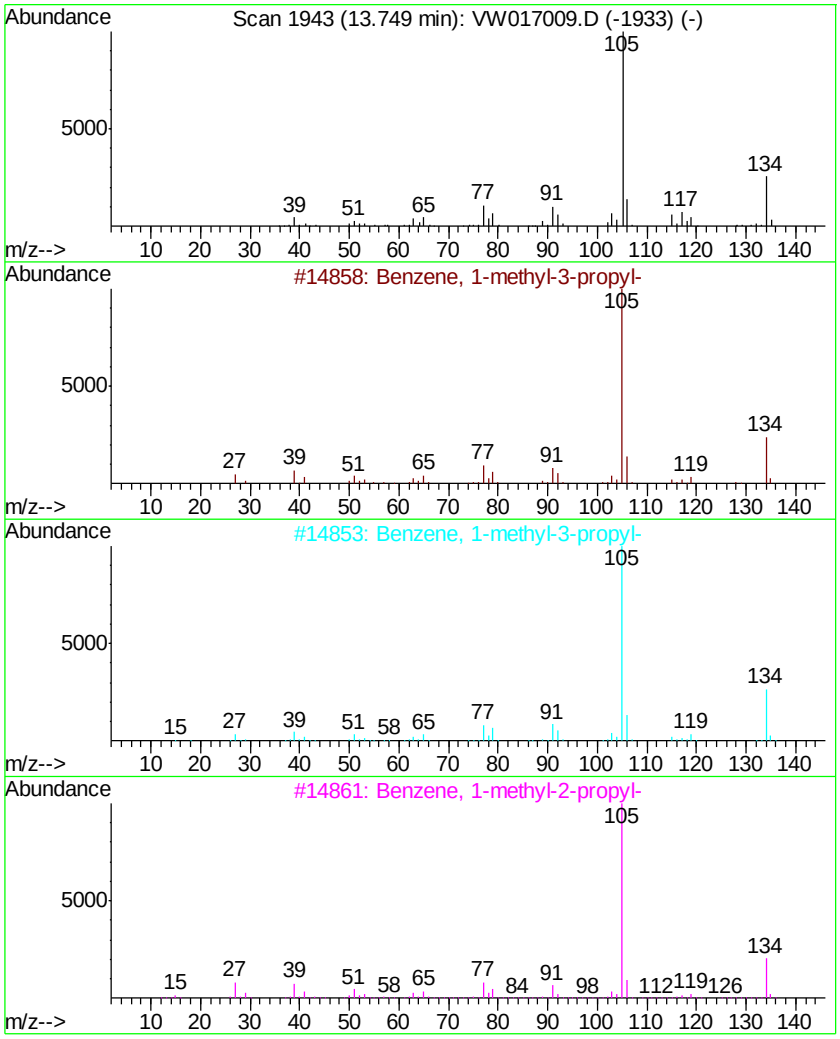
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

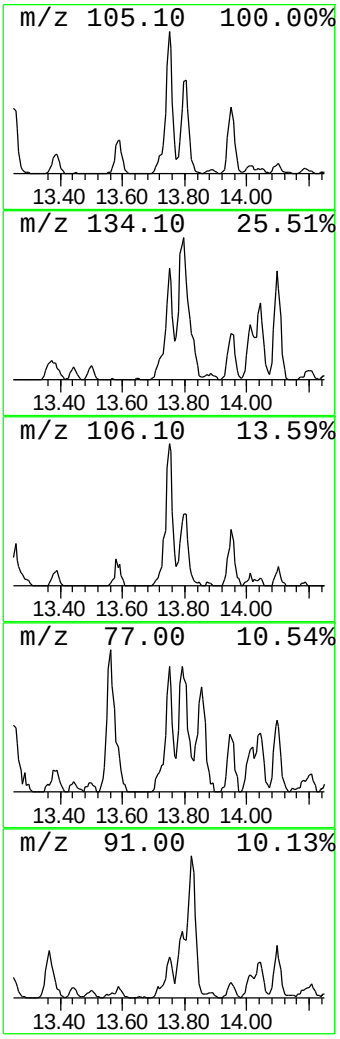
****

Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	4.01 ug/L	114480	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102820\
Data File : VW017009.D
Acq On : 28 Oct 2020 13:22
Operator : SY/VA
Sample : L4502-19
Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

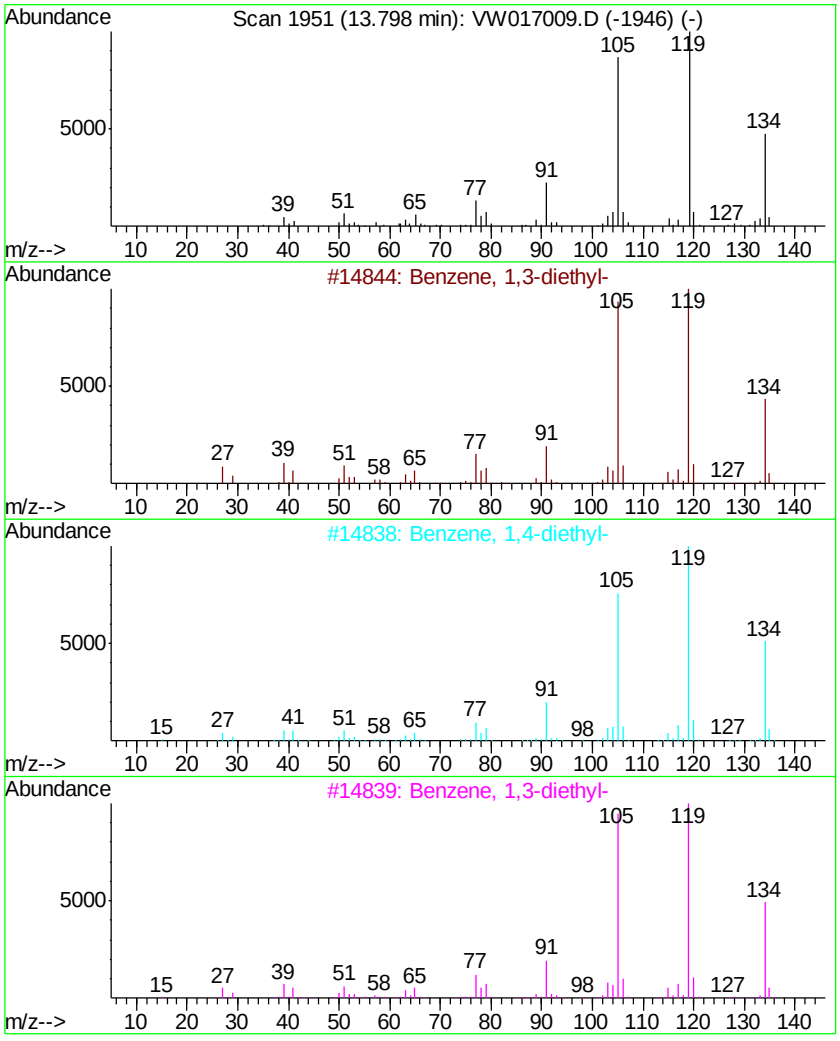
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

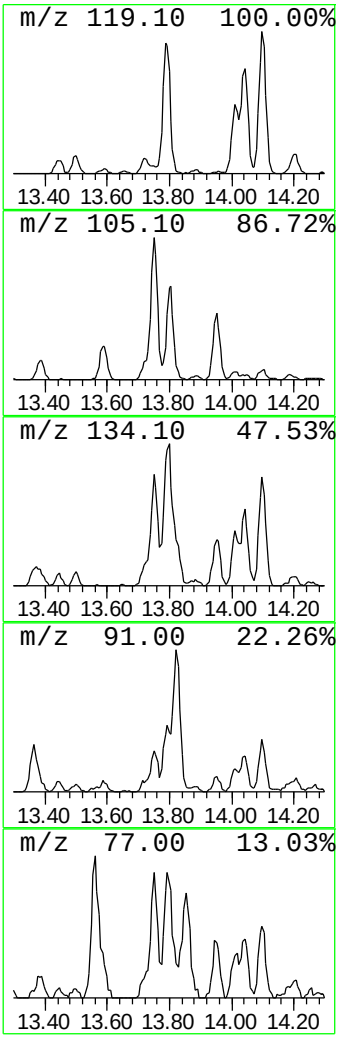
****

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	5.00 ug/L	142734	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
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\VW102820\
Data File : VW017009.D
Acq On : 28 Oct 2020 13:22
Operator : SY/VA
Sample : L4502-19
Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

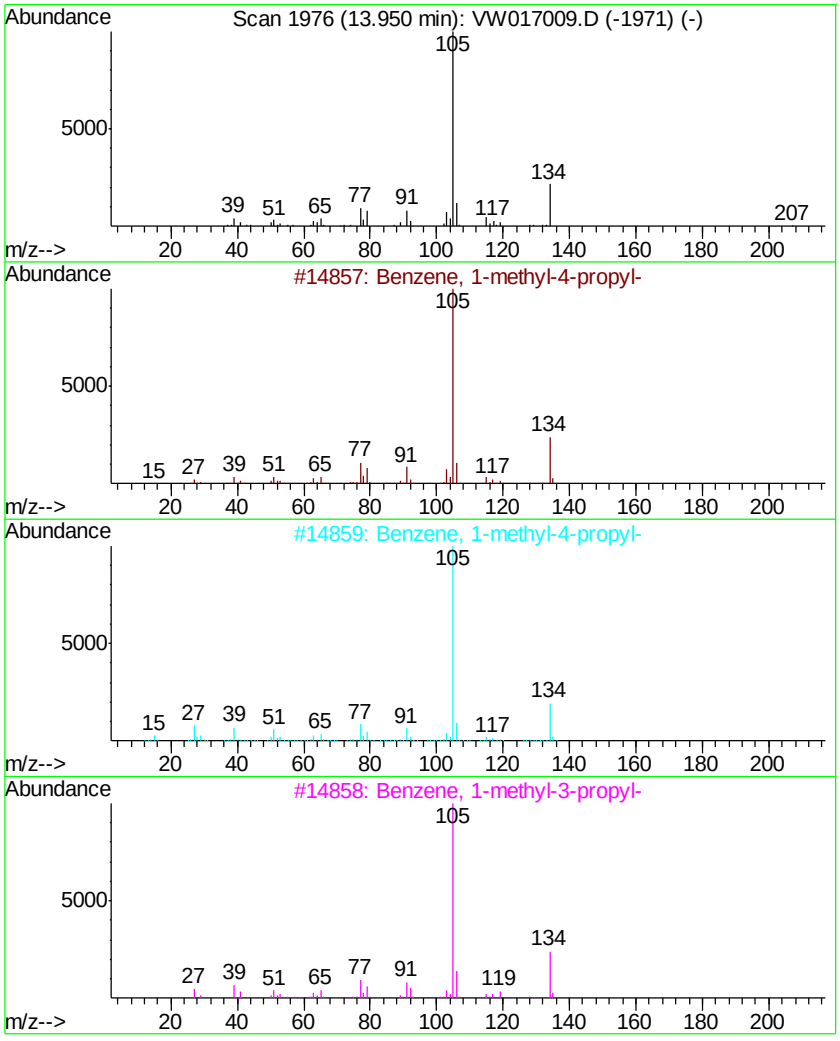
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

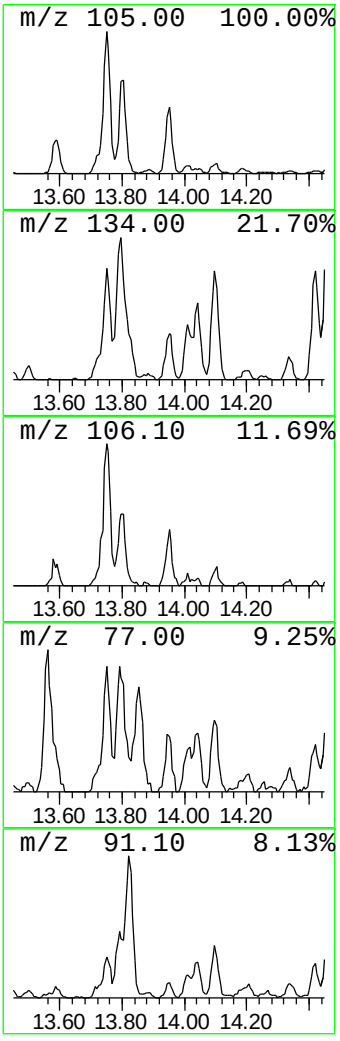
****

Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	1.39 ug/L	39614	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	93
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102820\
Data File : VW017009.D
Acq On : 28 Oct 2020 13:22
Operator : SY/VA
Sample : L4502-19
Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

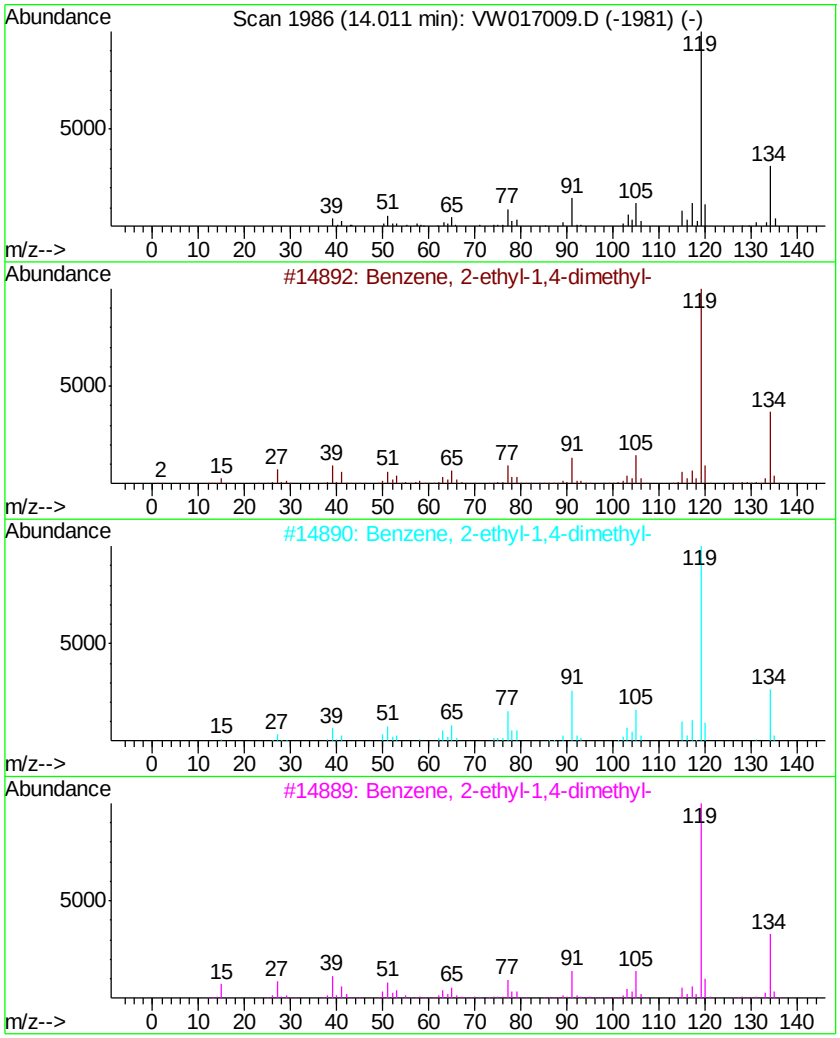
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

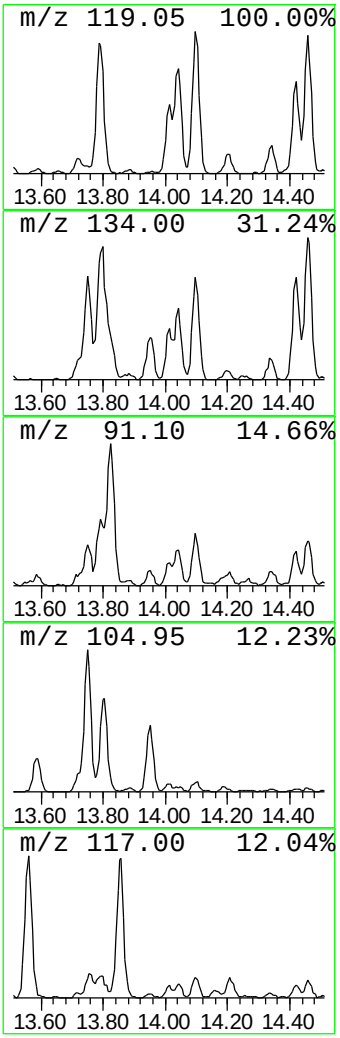
****

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	1.50 ug/L	42777	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	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102820\
Data File : VW017009.D
Acq On : 28 Oct 2020 13:22
Operator : SY/VA
Sample : L4502-19
Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

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

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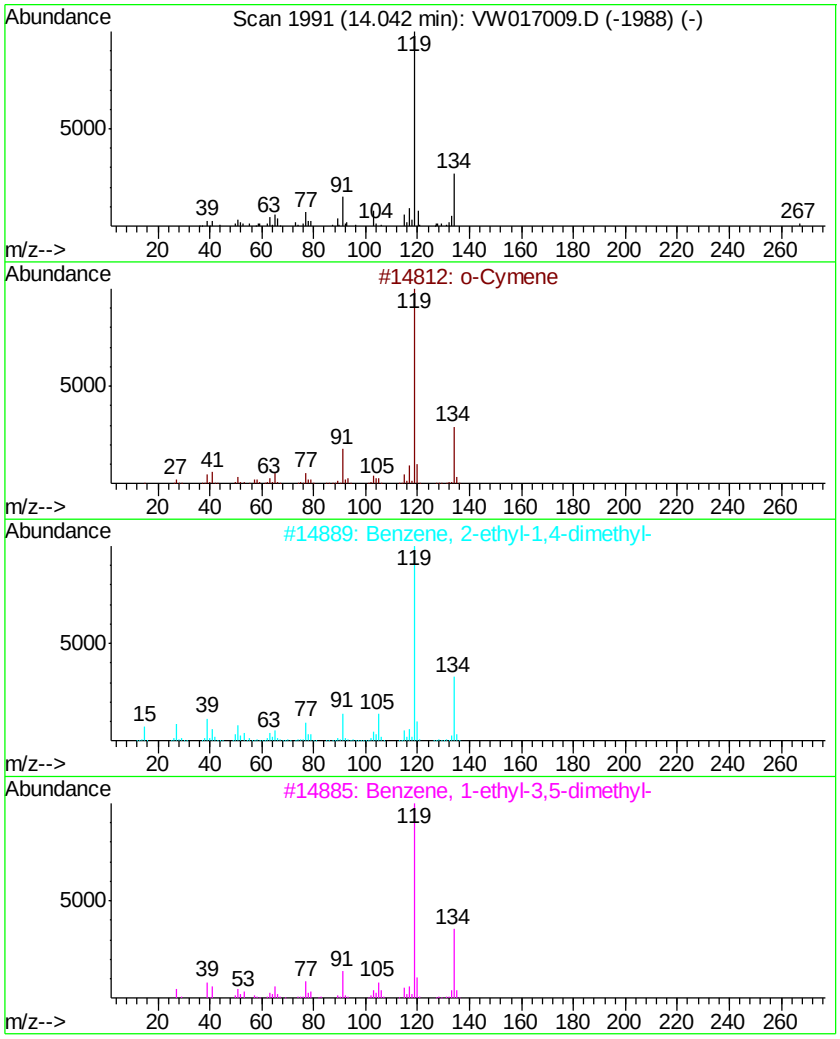
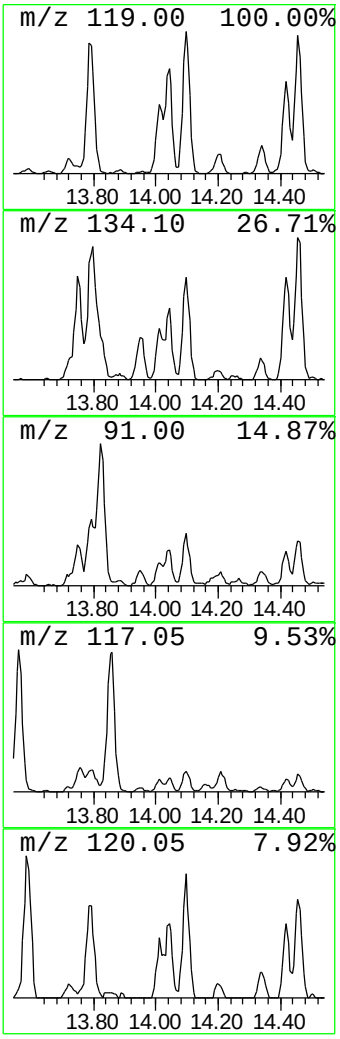
Peak Number 7 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.35 ug/L	67148	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	87
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102820\
Data File : VW017009.D
Acq On : 28 Oct 2020 13:22
Operator : SY/VA
Sample : L4502-19
Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

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

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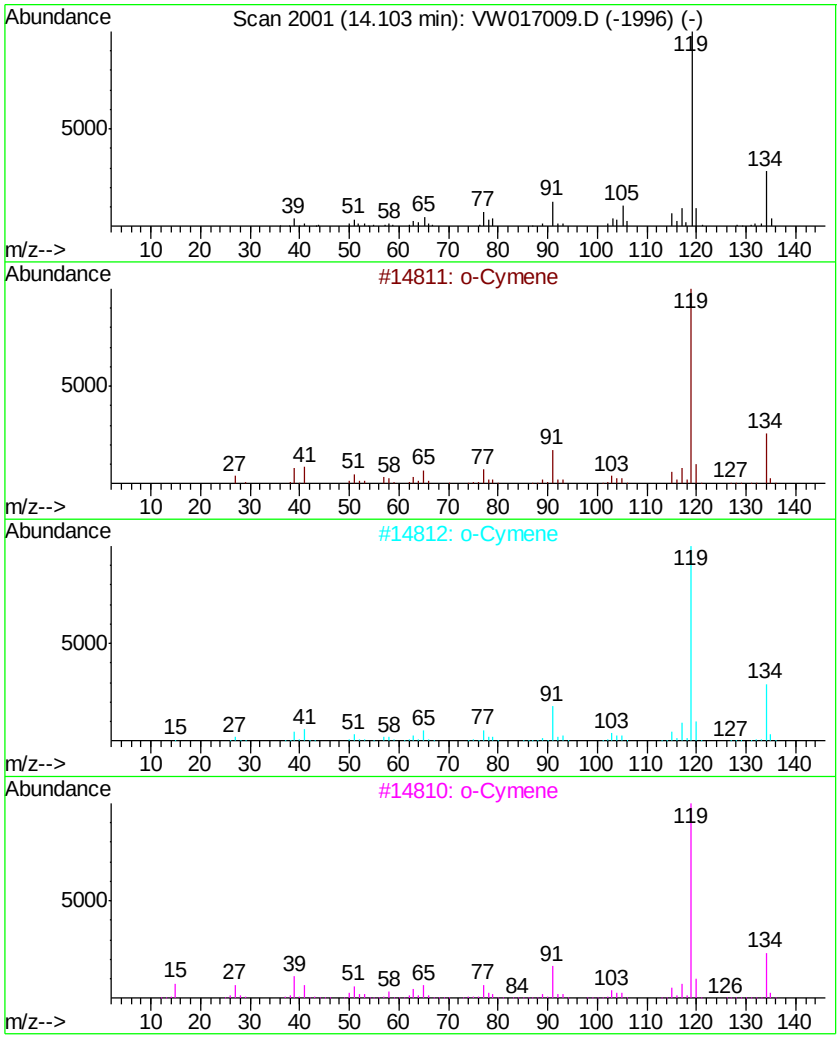
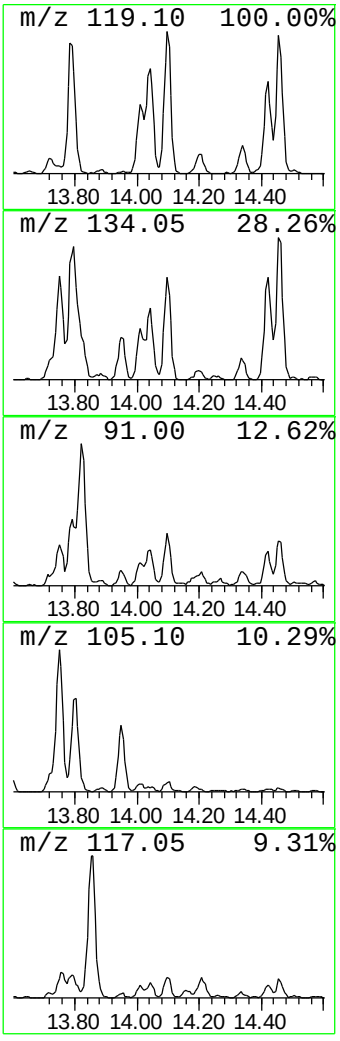
Peak Number 8 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.91 ug/L	83184	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102820\
Data File : VW017009.D
Acq On : 28 Oct 2020 13:22
Operator : SY/VA
Sample : L4502-19
Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

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

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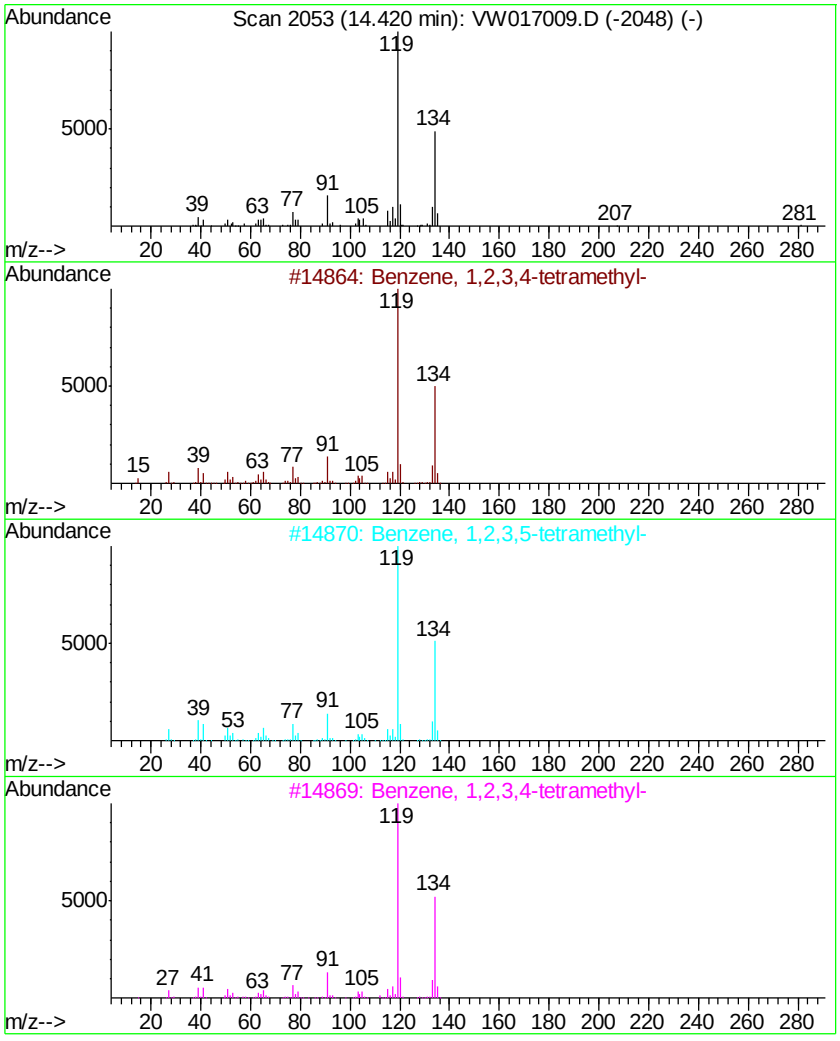
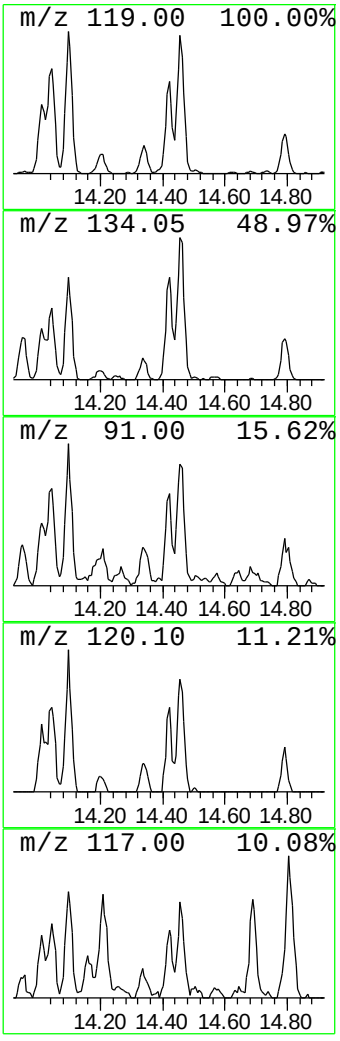
Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.07 ug/L	59245	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102820\
Data File : VW017009.D
Acq On : 28 Oct 2020 13:22
Operator : SY/VA
Sample : L4502-19
Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

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

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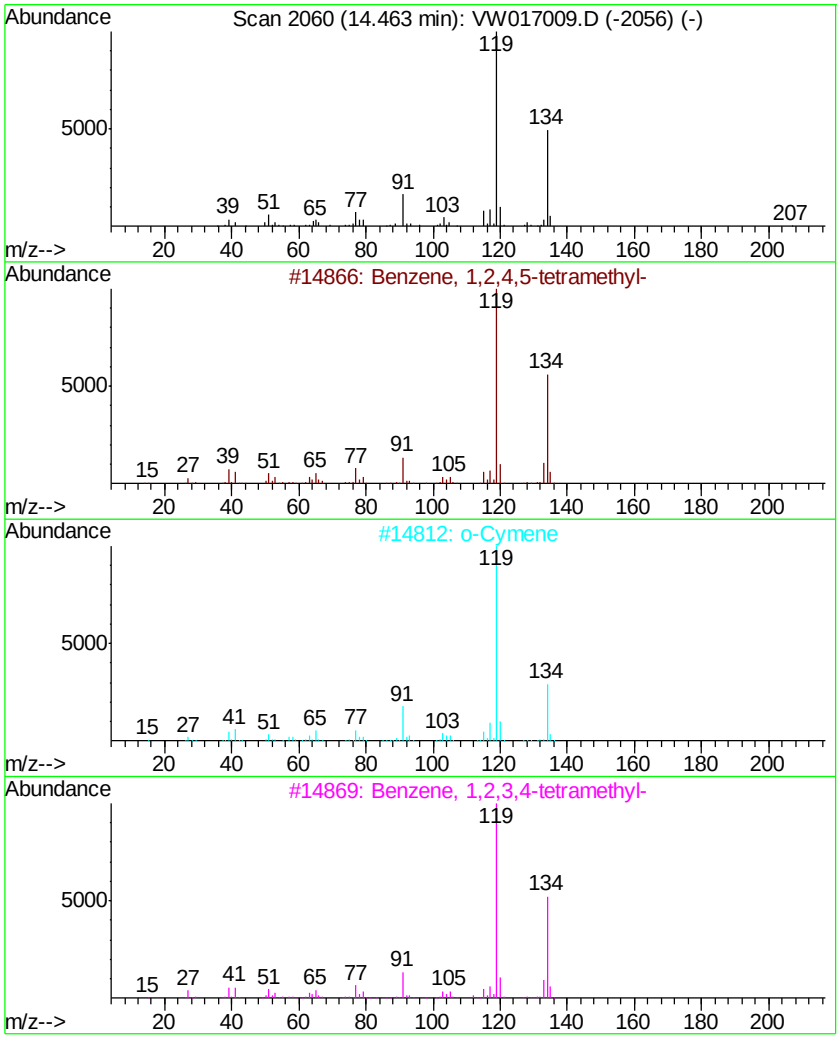
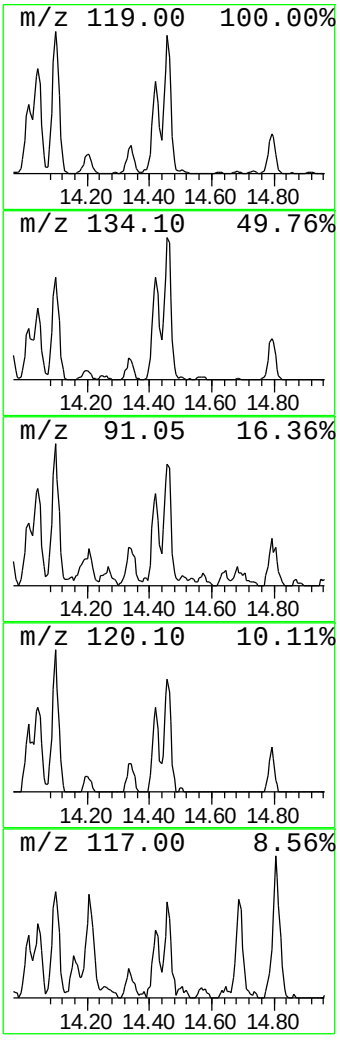
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.63 ug/L	75192	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	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102820\
Data File : VW017009.D
Acq On : 28 Oct 2020 13:22
Operator : SY/VA
Sample : L4502-19
Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

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

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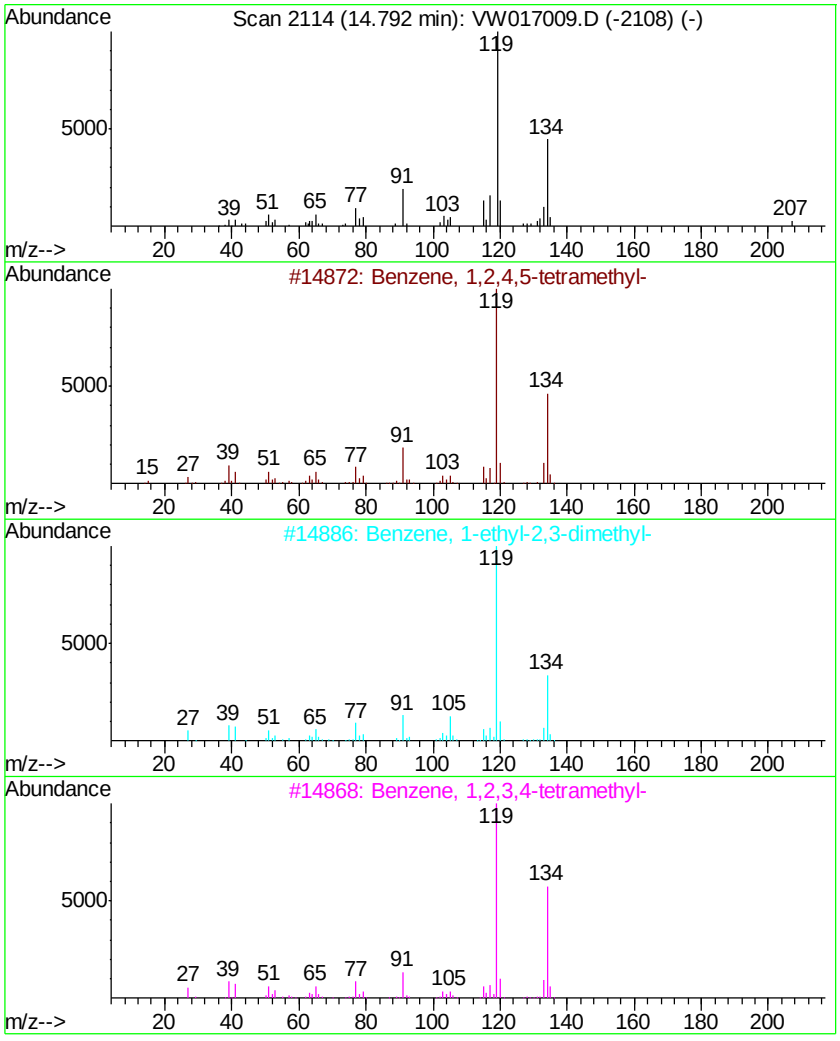
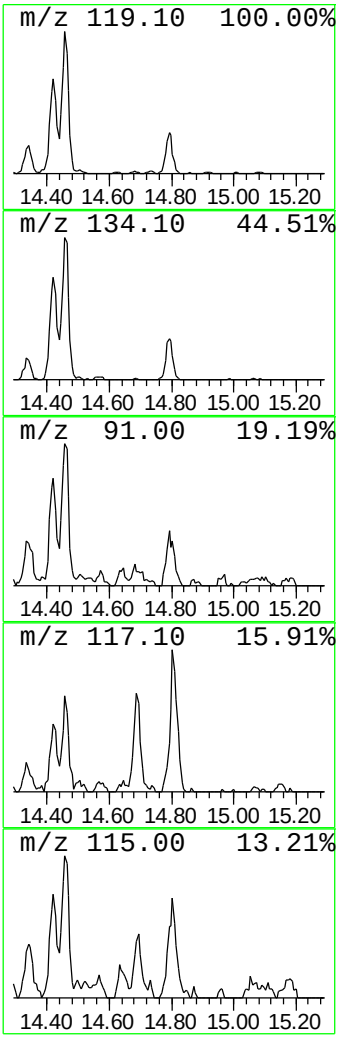
Peak Number 11 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	1.35 ug/L	38583	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-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102820\
Data File : VW017009.D
Acq On : 28 Oct 2020 13:22
Operator : SY/VA
Sample : L4502-19
Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.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
Mesitylene	13.25	1.8	ug/L	50551	3	13.56	713821	25.0
Benzene, 1-methyl...	13.75	4.0	ug/L	114480	3	13.56	713821	25.0
Benzene, 1,3-diet...	13.80	5.0	ug/L	142734	3	13.56	713821	25.0
Benzene, 1-methyl...	13.95	1.4	ug/L	39614	3	13.56	713821	25.0
Benzene, 2-ethyl-...	14.01	1.5	ug/L	42777	3	13.56	713821	25.0
o-Cymene	14.04	2.4	ug/L	67148	3	13.56	713821	25.0
Benzene, 1-ethyl-...	14.10	2.9	ug/L	83184	3	13.56	713821	25.0
Benzene, 1,2,3,4-...	14.42	2.1	ug/L	59245	3	13.56	713821	25.0
Benzene, 1,2,4,5-...	14.46	2.6	ug/L	75192	3	13.56	713821	25.0
Benzene, 1-ethyl-...	14.79	1.4	ug/L	38583	3	13.56	713821	25.0