LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101419\
Data File : VV013151.D
Acq On : 14 Oct 2019 19:17
Operator : SY/MD
Sample : K5191-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6L1

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_V\METHOD\SOMVLM101119WMA.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	1.225	39	42	48	rVB	12824	9317	0.40%	0.037%
2	1.319	63	71	93	rVB	271513	294206	12.49%	1.178%
3	1.582	146	153	169	rVB	252914	291234	12.36%	1.166%
4	2.126	313	322	333	rBV	497588	688664	29.24%	2.756%
5	2.534	437	449	468	rBV	181327	301709	12.81%	1.208%
6	2.730	507	510	515	rBV5	520	520	0.02%	0.002%
7	2.772	521	523	525	rBV2	804	526	0.02%	0.002%
8	2.795	527	530	534	rVB5	1558	1442	0.06%	0.006%
9	2.868	551	553	556	rVV2	720	398	0.02%	0.002%
10	2.881	556	557	562	rVB2	1042	480	0.02%	0.002%
11	3.061	611	613	615	rBV2	704	369	0.02%	0.001%
12	3.158	639	643	646	rBV4	966	914	0.04%	0.004%
13	3.232	662	666	670	rBV5	579	649	0.03%	0.003%
14	3.335	695	698	705	rVB5	741	681	0.03%	0.003%
15	3.405	715	720	727	rVB4	670	775	0.03%	0.003%
16	3.473	734	741	742	rBV4	643	678	0.03%	0.003%
17	3.695	806	810	813	rBV2	607	610	0.03%	0.002%
18	3.807	830	845	859	rVB10	3938	10161	0.43%	0.041%
19	3.881	863	868	870	rBV4	744	650	0.03%	0.003%
20	3.965	880	894	941	rBV	132052	640604	27.20%	2.564%
21	4.399	1011	1029	1055	rBV2	362351	975045	41.40%	3.903%
22	4.724	1117	1130	1144	rBV6	6080	14071	0.60%	0.056%
23	4.884	1177	1180	1183	rVB3	623	424	0.02%	0.002%
24	4.949	1196	1200	1207	rVB4	1351	1442	0.06%	0.006%
25	5.093	1227	1245	1282	rBV2	944311	2355456	100.00%	9.428%
26	5.364	1325	1329	1334	rVB4	1463	1862	0.08%	0.007%
27	5.437	1348	1352	1354	rBV5	551	500	0.02%	0.002%
28	5.499	1369	1371	1374	rVB	1028	638	0.03%	0.003%
29	5.531	1374	1381	1385	rBV8	2212	3164	0.13%	0.013%
30	5.589	1393	1399	1400	rBV4	1057	1037	0.04%	0.004%
31	5.663	1407	1422	1455	rBV	858936	1715086	72.81%	6.864%
32	5.865	1483	1485	1489	rBV3	1095	986	0.04%	0.004%
33	5.946	1496	1510	1533	rBV3	200882	425229	18.05%	1.702%
34	6.116	1547	1563	1593	rBV	562652	1169757	49.66%	4.682%

LSC Area Percent Report

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Instrument : MSVOA_V
ClientSampleId : BF6L1

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Title : VOC Analysis

35	6.370	1639	1642	1646	rVB4	632	462	0.02%	0.002%
36	6.399	1649	1651	1656	rVV4	995	883	0.04%	0.004%
37	6.505	1680	1684	1688	rVB4	953	759	0.03%	0.003%
38	6.547	1693	1697	1698	rBV2	647	481	0.02%	0.002%
39	6.656	1728	1731	1734	rVV3	1397	1129	0.05%	0.005%
40	6.675	1735	1737	1742	rVB5	1208	1052	0.04%	0.004%
41	6.724	1751	1752	1758	rVB3	733	520	0.02%	0.002%
42	6.749	1758	1760	1765	rVB3	814	552	0.02%	0.002%
43	6.814	1769	1780	1783	rBV6	2642	3905	0.17%	0.016%
44	6.962	1823	1826	1830	rVB3	778	802	0.03%	0.003%
45	7.029	1835	1847	1869	rBV	275760	491634	20.87%	1.968%
46	7.277	1915	1924	1936	rBV3	24764	53463	2.27%	0.214%
47	7.357	1937	1949	1965	rBV	1025214	1759313	74.69%	7.042%
48	7.605	2022	2026	2029	rBV4	1281	1106	0.05%	0.004%
49	7.662	2033	2044	2067	rVV	189647	333258	14.15%	1.334%
50	7.884	2110	2113	2115	rBV4	1548	1020	0.04%	0.004%
51	8.019	2145	2155	2165	rVB3	21176	37247	1.58%	0.149%
52	8.061	2165	2168	2172	rVB4	514	398	0.02%	0.002%
53	8.135	2178	2191	2237	rBV2	571238	1326773	56.33%	5.310%
54	8.608	2332	2338	2343	rBV8	1186	1913	0.08%	0.008%
55	8.704	2362	2368	2376	rBV7	3660	5670	0.24%	0.023%
56	8.765	2384	2387	2389	rBV3	802	428	0.02%	0.002%
57	8.826	2400	2406	2413	rBV7	3575	5497	0.23%	0.022%
58	8.894	2414	2427	2451	rBV	1249491	2053906	87.20%	8.221%
59	9.051	2466	2476	2498	rBV	191944	312910	13.28%	1.252%
60	9.183	2509	2517	2528	rVB	50094	78521	3.33%	0.314%
61	9.412	2583	2588	2589	rBV5	825	521	0.02%	0.002%
62	9.511	2616	2619	2624	rBV5	3228	2614	0.11%	0.010%
63	9.585	2630	2642	2659	rBV	444893	702765	29.84%	2.813%
64	9.752	2689	2694	2702	rVB6	10226	14826	0.63%	0.059%
65	9.971	2750	2762	2773	rBV	26850	45290	1.92%	0.181%
66	10.055	2783	2788	2794	rVB7	3607	4528	0.19%	0.018%
67	10.257	2835	2851	2871	rBV	540287	863398	36.66%	3.456%
68	10.395	2885	2894	2909	rBV	54985	90638	3.85%	0.363%
69	10.511	2915	2930	2940	rBV	80707	172261	7.31%	0.689%
70	10.579	2943	2951	2961	rVV	161558	233821	9.93%	0.936%
71	10.740	2993	3001	3005	rBV2	33580	49006	2.08%	0.196%

LSC Area Percent Report

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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6L1

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_V\METHOD\SOMVLM101119WMA.M
Title : VOC Analysis

72	10.778	3006	3013	3035	rVB	171083	275060	11.68%	1.101%
73	11.084	3101	3108	3117	rBV3	21870	38517	1.64%	0.154%
74	11.289	3162	3172	3189	rBV	1276797	1955104	83.00%	7.825%
75	11.379	3190	3200	3217	rVB	360018	567735	24.10%	2.272%
76	11.572	3249	3260	3270	rBV2	183900	338002	14.35%	1.353%
77	11.669	3279	3290	3315	rVB	1238614	2177825	92.46%	8.717%
78	11.862	3345	3350	3364	rVB	33802	56116	2.38%	0.225%
79	11.955	3371	3379	3383	rBV	27851	40471	1.72%	0.162%
80	12.058	3403	3411	3418	rBV	90452	135291	5.74%	0.541%
81	12.157	3433	3442	3464	rBV2	96129	193337	8.21%	0.774%
82	12.302	3476	3487	3494	rBV2	11435	25322	1.08%	0.101%
83	12.357	3498	3504	3514	rVB3	40387	64503	2.74%	0.258%
84	12.431	3516	3527	3528	rVV5	27629	41179	1.75%	0.165%
85	12.456	3530	3535	3543	rVV	78211	114258	4.85%	0.457%
86	12.508	3543	3551	3568	rVB	135387	213956	9.08%	0.856%
87	12.768	3625	3632	3647	rVB	65333	105936	4.50%	0.424%
88	12.926	3672	3681	3696	rVB2	252714	392311	16.66%	1.570%
89	13.093	3724	3733	3755	rVB3	53905	108681	4.61%	0.435%
90	13.209	3761	3769	3777	rBV5	27751	43807	1.86%	0.175%
91	13.315	3794	3802	3808	rBV3	40893	64464	2.74%	0.258%
92	13.755	3931	3939	3949	rBV8	14792	30196	1.28%	0.121%
93	13.813	3952	3957	3968	rVB5	14315	20537	0.87%	0.082%
94	13.955	3993	4001	4016	rVB3	30881	55506	2.36%	0.222%
95	14.138	4049	4058	4070	rBV4	26858	57547	2.44%	0.230%
96	14.276	4097	4101	4112	rVB4	12136	17715	0.75%	0.071%
97	14.341	4114	4121	4132	rVB4	20953	37573	1.60%	0.150%
98	14.678	4221	4226	4236	rVB	18619	25047	1.06%	0.100%
99	14.862	4274	4283	4298	rVB	120429	198981	8.45%	0.796%
100	15.858	4585	4593	4600	rBV3	16559	27355	1.16%	0.109%

Sum of corrected areas: 24984886

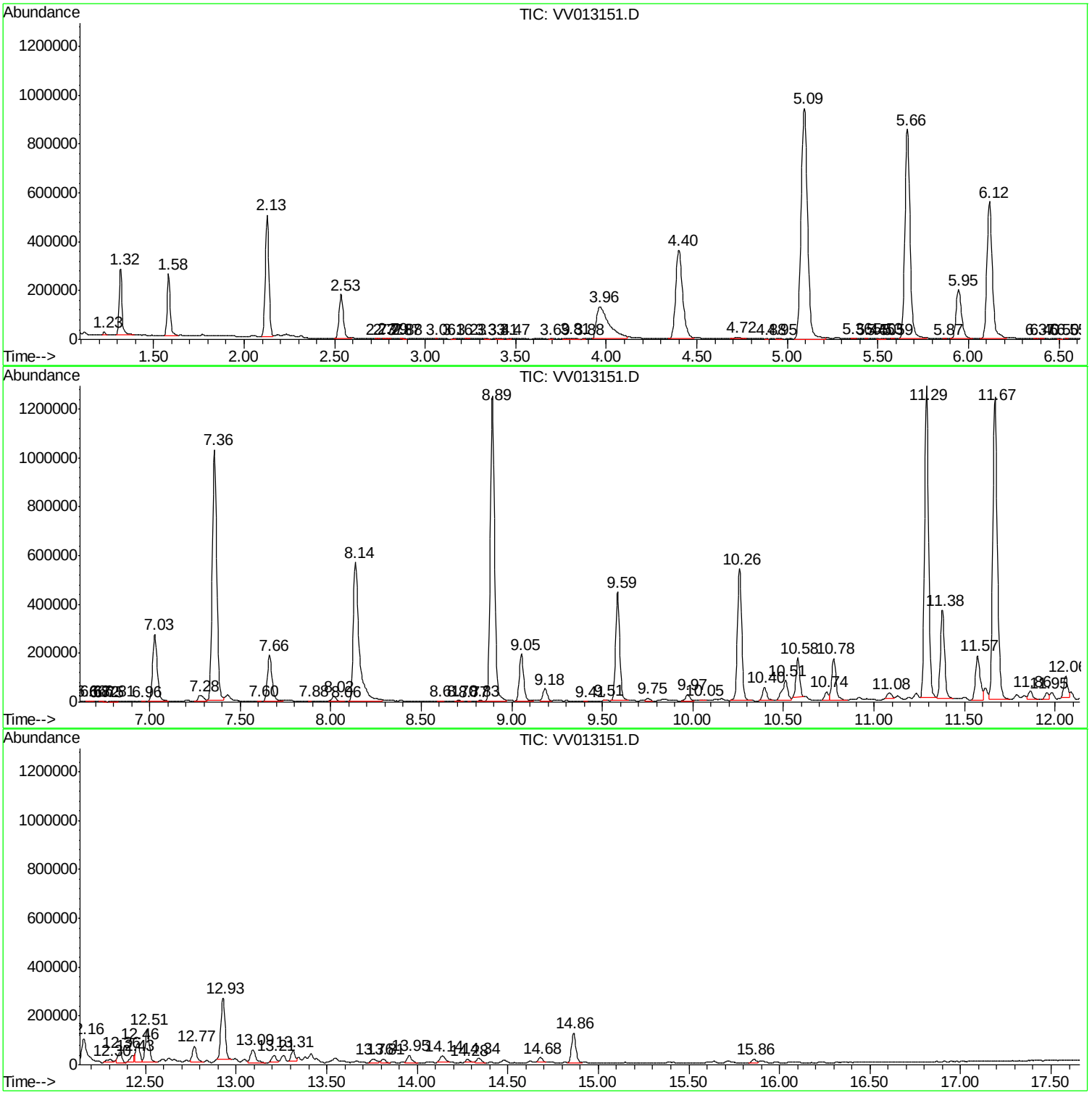
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101419\
Data File : VV013151.D
Acq On : 14 Oct 2019 19:17
Operator : SY/MD
Sample : K5191-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6L1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101419\
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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6L1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

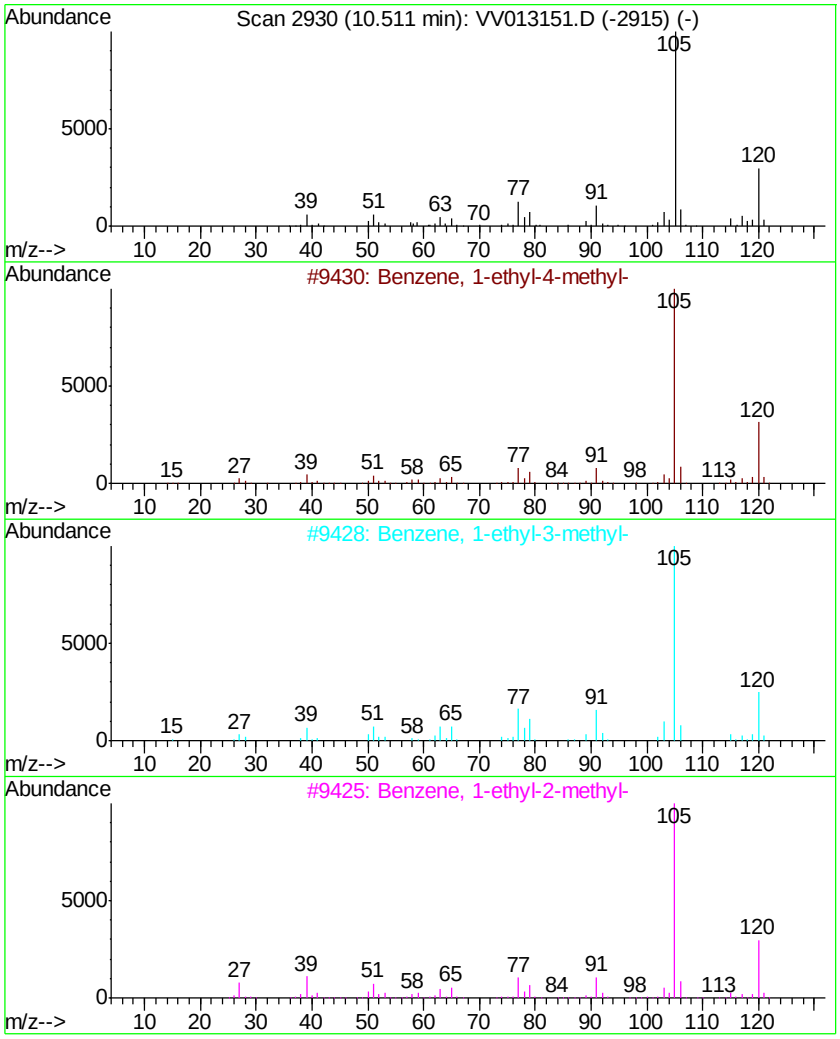
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

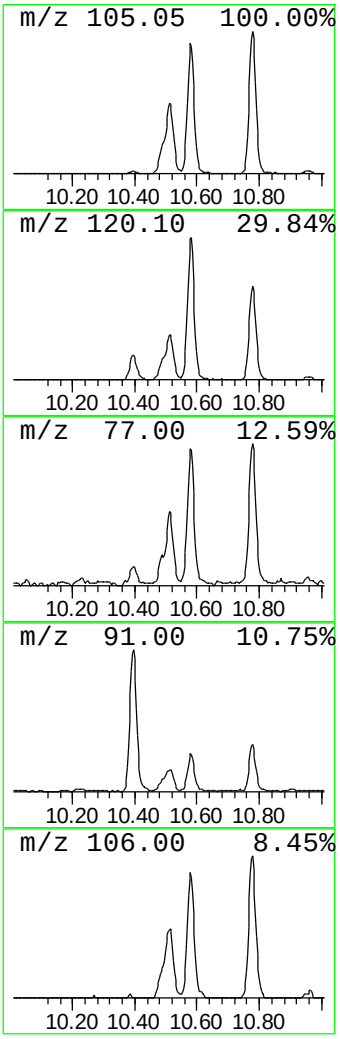
****

Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	4.41 ug/L	172261	1,4-Dichlorobenzene-d4	11.29

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-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101419\
Data File : VV013151.D
Acq On : 14 Oct 2019 19:17
Operator : SY/MD
Sample : K5191-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6L1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

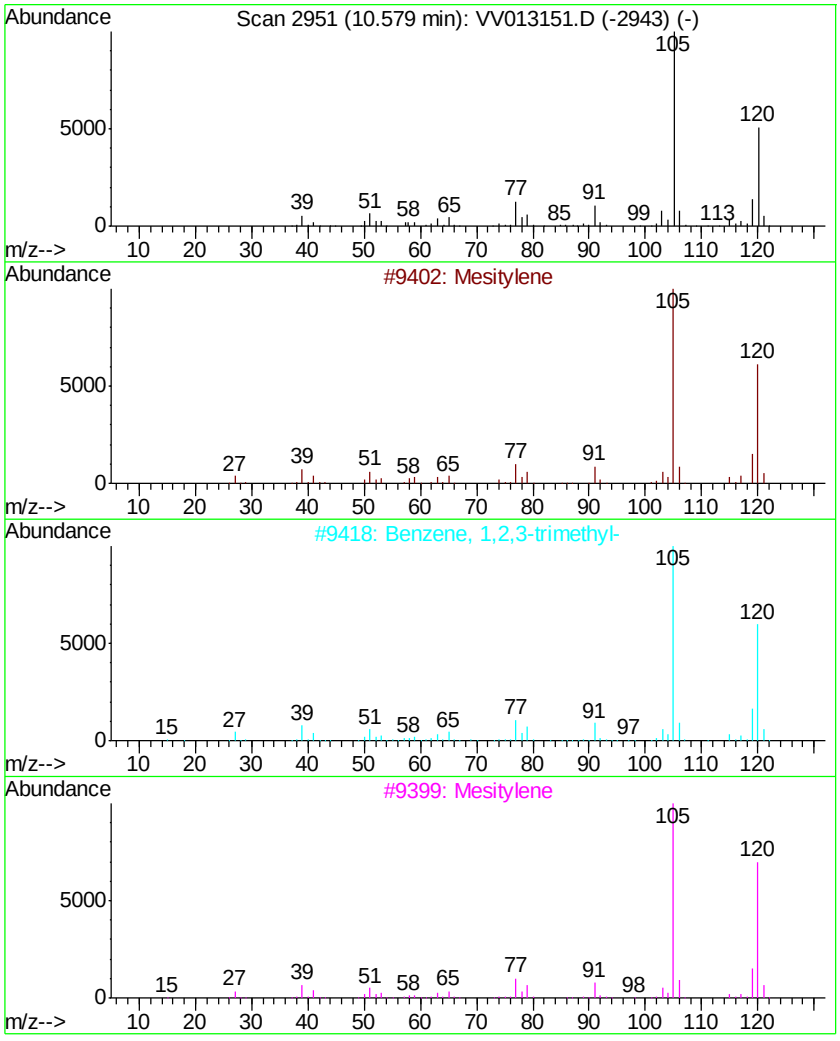
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

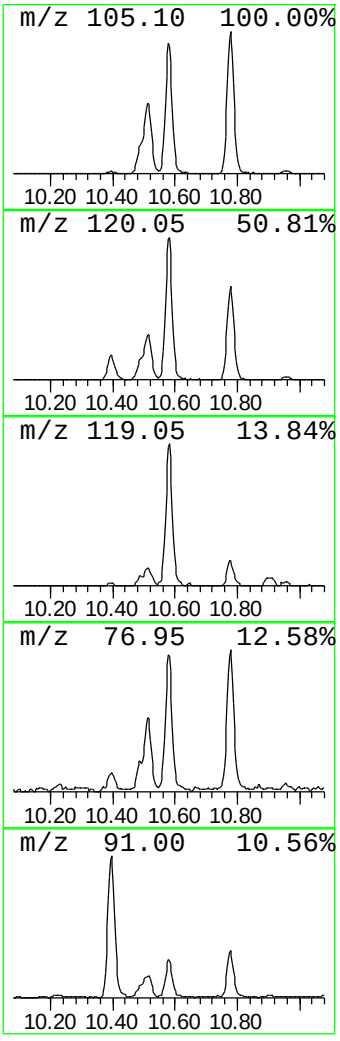
****

Peak Number 3 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	5.98 ug/L	233821	1,4-Dichlorobenzene-d4	11.29

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	97
3	Mesitylene	120	C9H12	000108-67-8	97
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5	Mesitylene	120	C9H12	000108-67-8	95





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ClientSampleId : BF6L1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

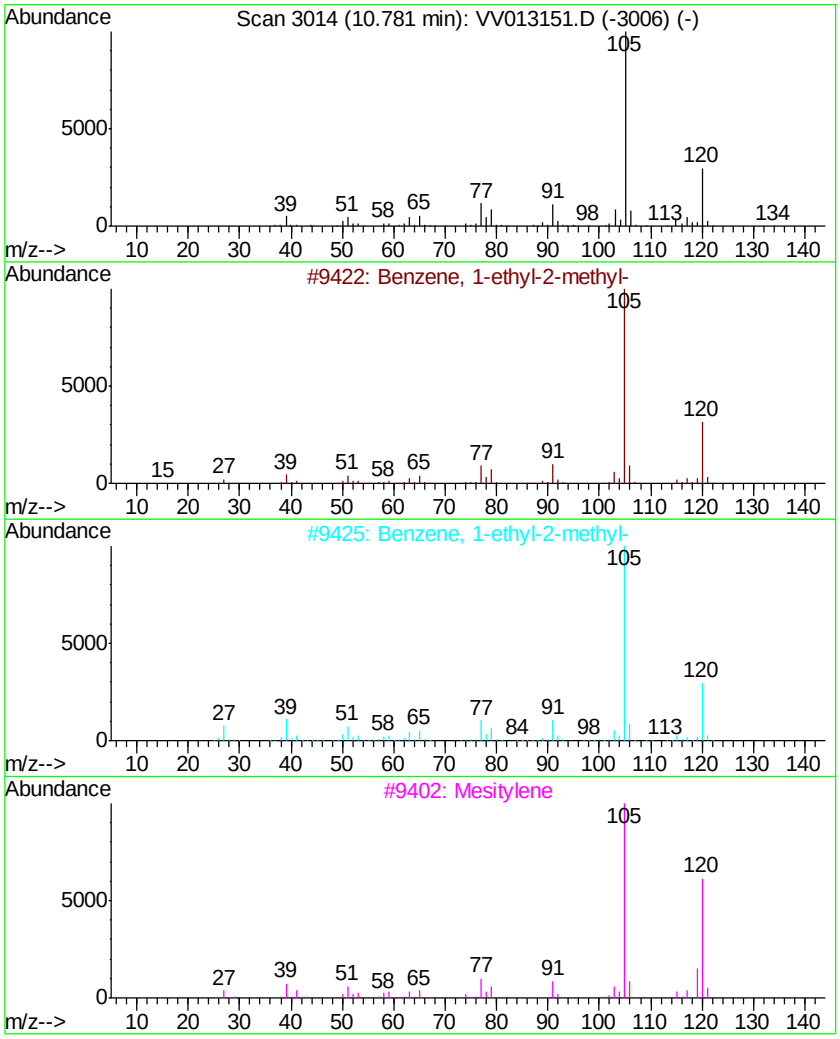
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

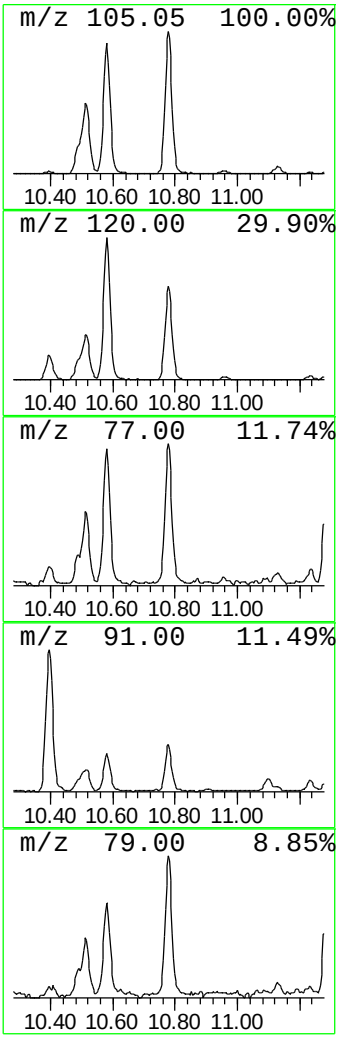
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	7.03 ug/L	275060	1,4-Dichlorobenzene-d4	11.29

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	93
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Instrument : MSVOA_V
ClientSampleId : BF6L1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

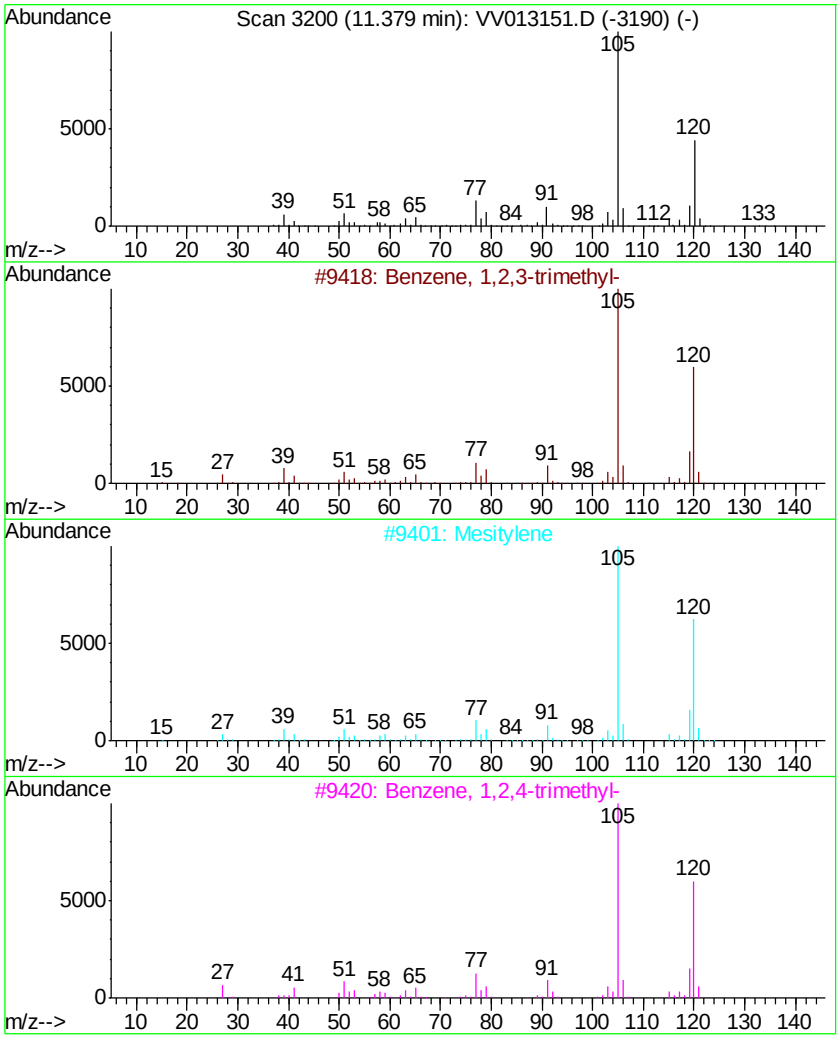
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

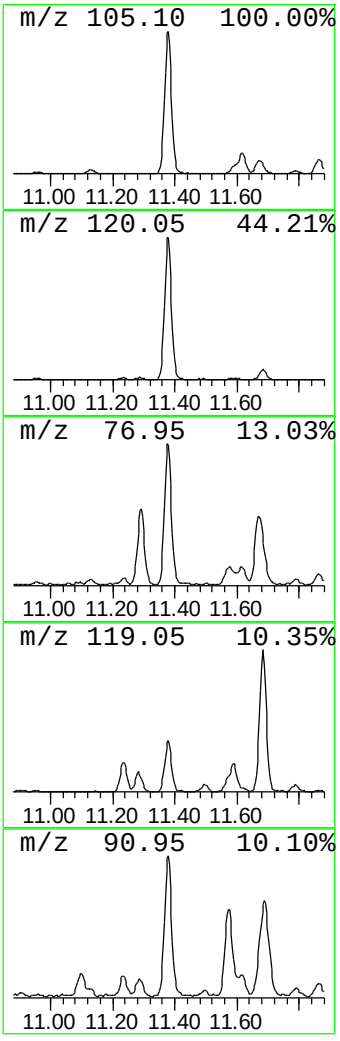
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	14.52 ug/L	567735	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6L1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

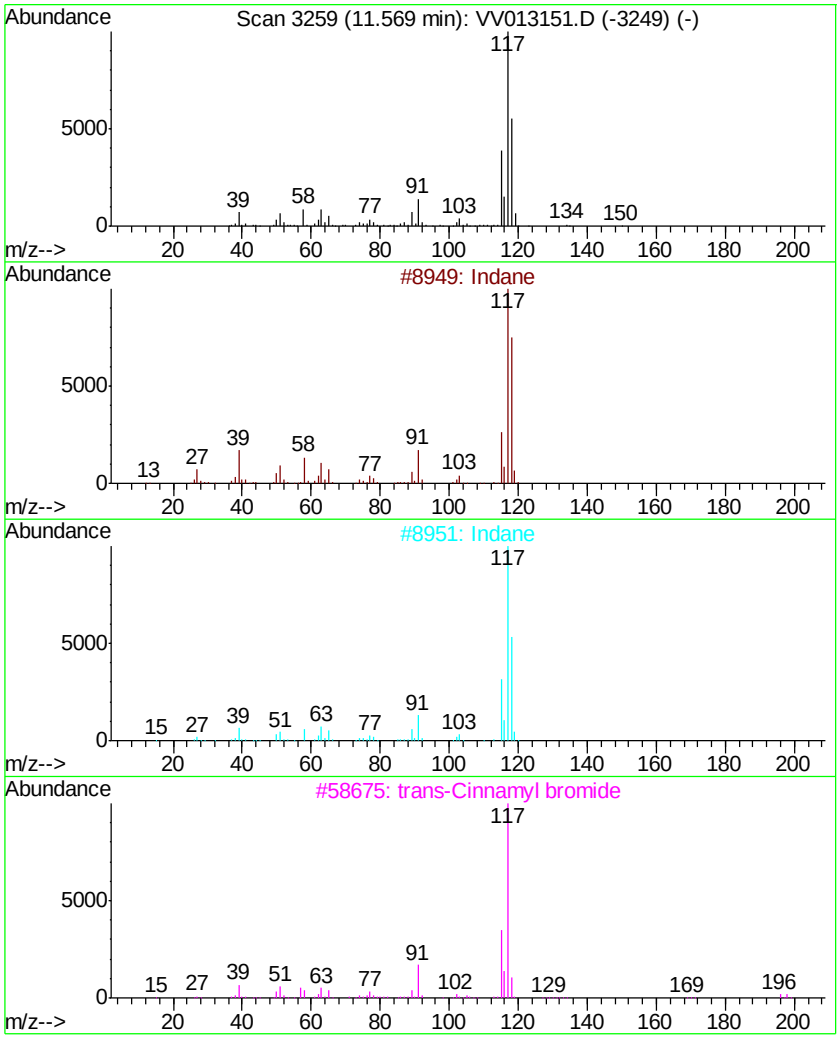
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

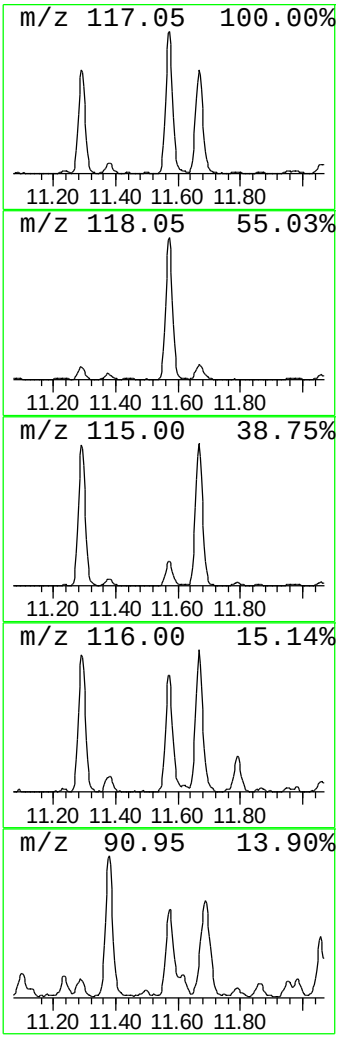
****

Peak Number 6 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	8.64 ug/L	338002	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	94
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	62
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101419\
Data File : VV013151.D
Acq On : 14 Oct 2019 19:17
Operator : SY/MD
Sample : K5191-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6L1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

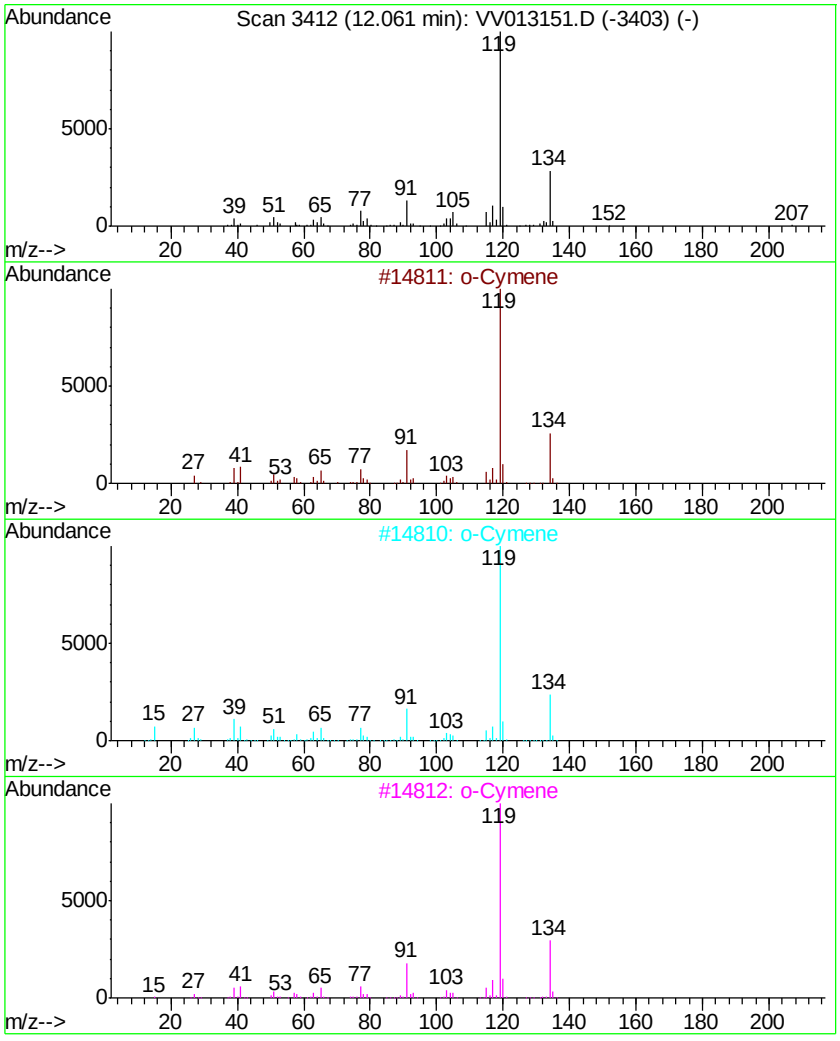
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

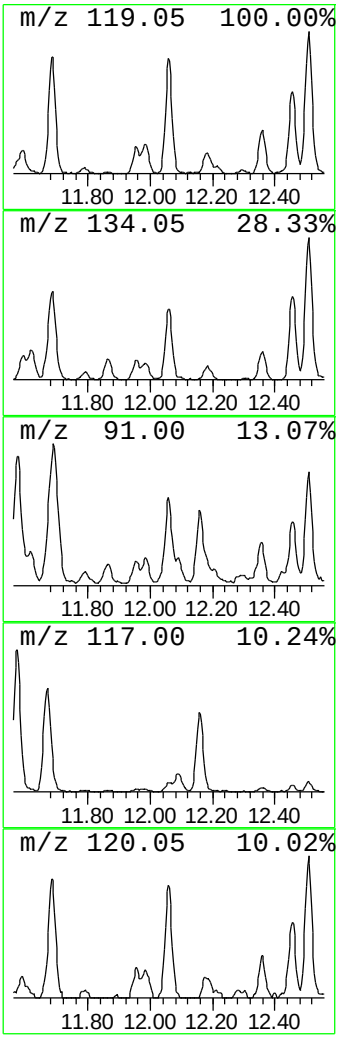
****

Peak Number 7 o-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	3.46 ug/L	135291	1,4-Dichlorobenzene-d4	11.29

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	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	p-Cymene	134	C10H14	000099-87-6	94





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Data File : VV013151.D
Acq On : 14 Oct 2019 19:17
Operator : SY/MD
Sample : K5191-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6L1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

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

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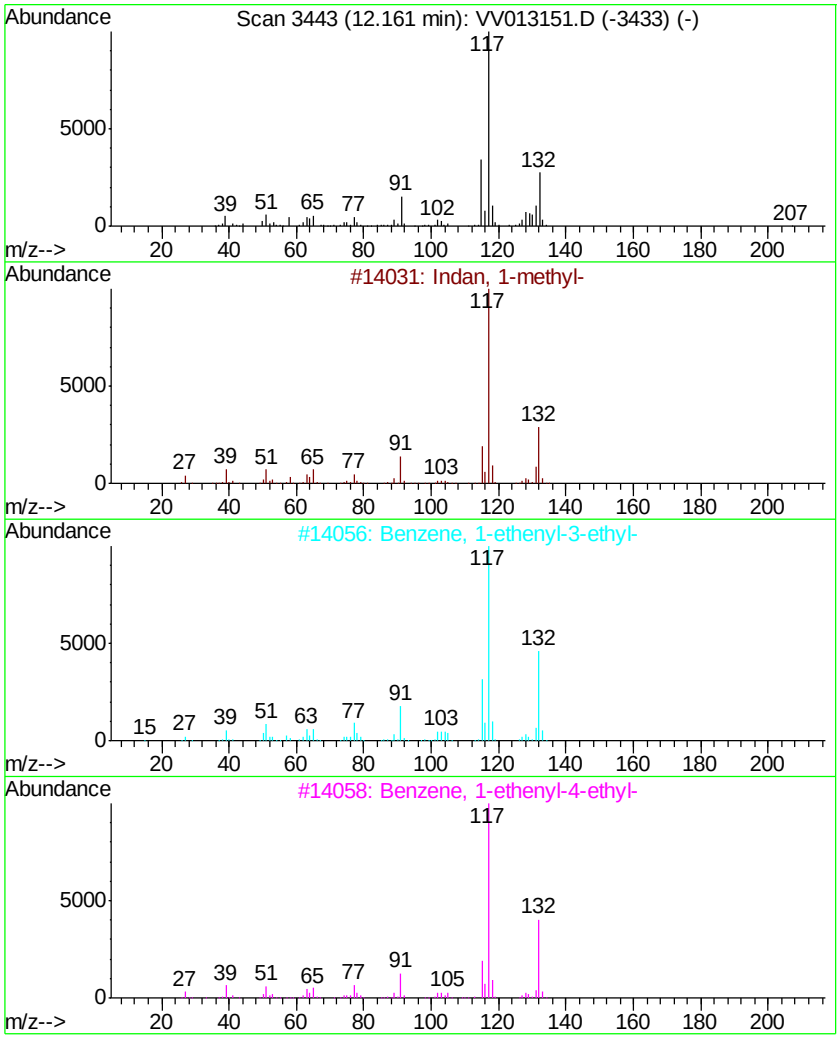
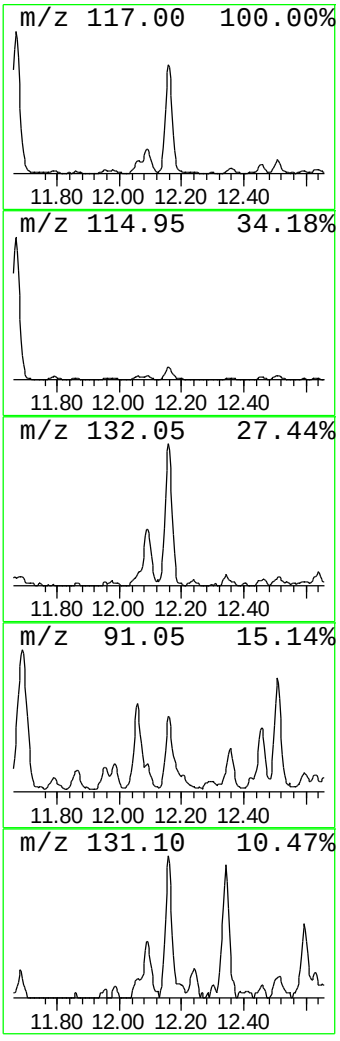
Peak Number 8 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	4.94 ug/L	193337	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101419\
Data File : VV013151.D
Acq On : 14 Oct 2019 19:17
Operator : SY/MD
Sample : K5191-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6L1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

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

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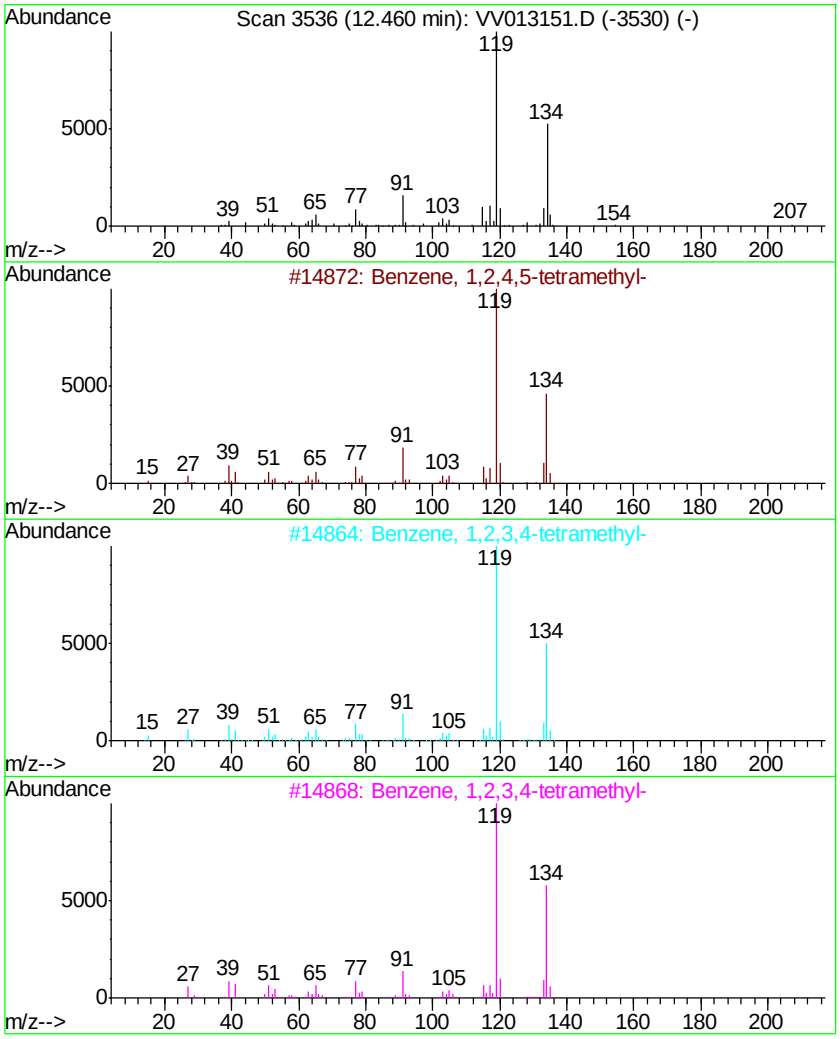
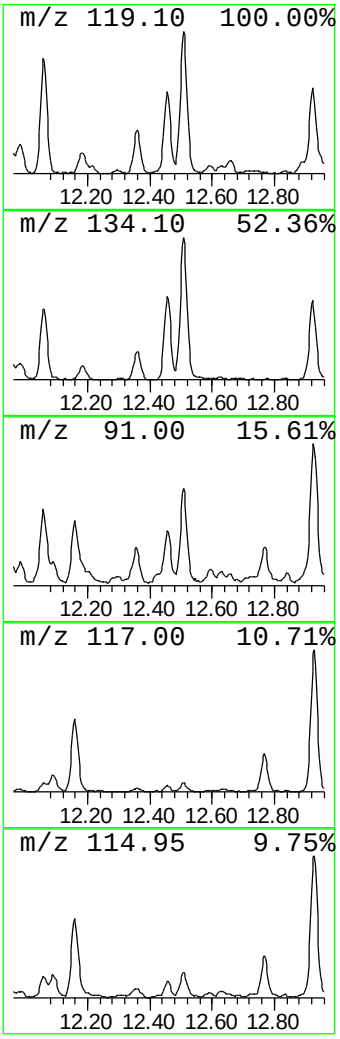
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.92 ug/L	114258	1,4-Dichlorobenzene-d4	11.29

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101419\
Data File : VV013151.D
Acq On : 14 Oct 2019 19:17
Operator : SY/MD
Sample : K5191-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6L1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

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

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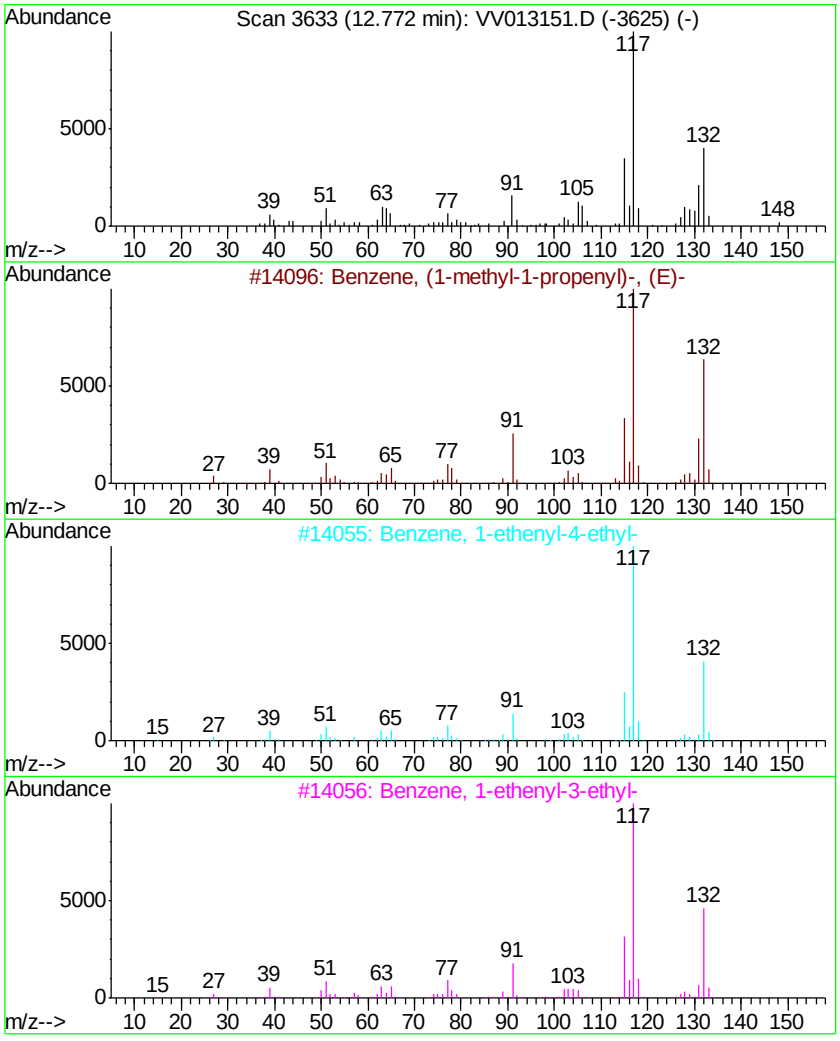
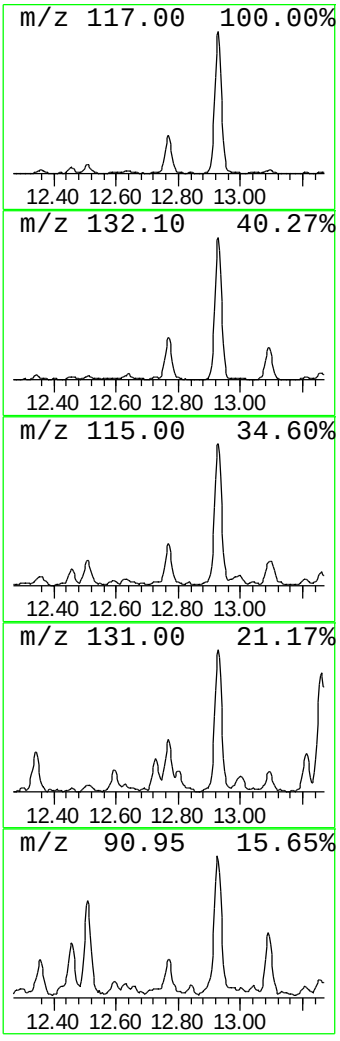
Peak Number 11 Benzene, (1-methyl-1-propen... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	2.71 ug/L	105936	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	74
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101419\
Data File : VV013151.D
Acq On : 14 Oct 2019 19:17
Operator : SY/MD
Sample : K5191-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6L1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

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

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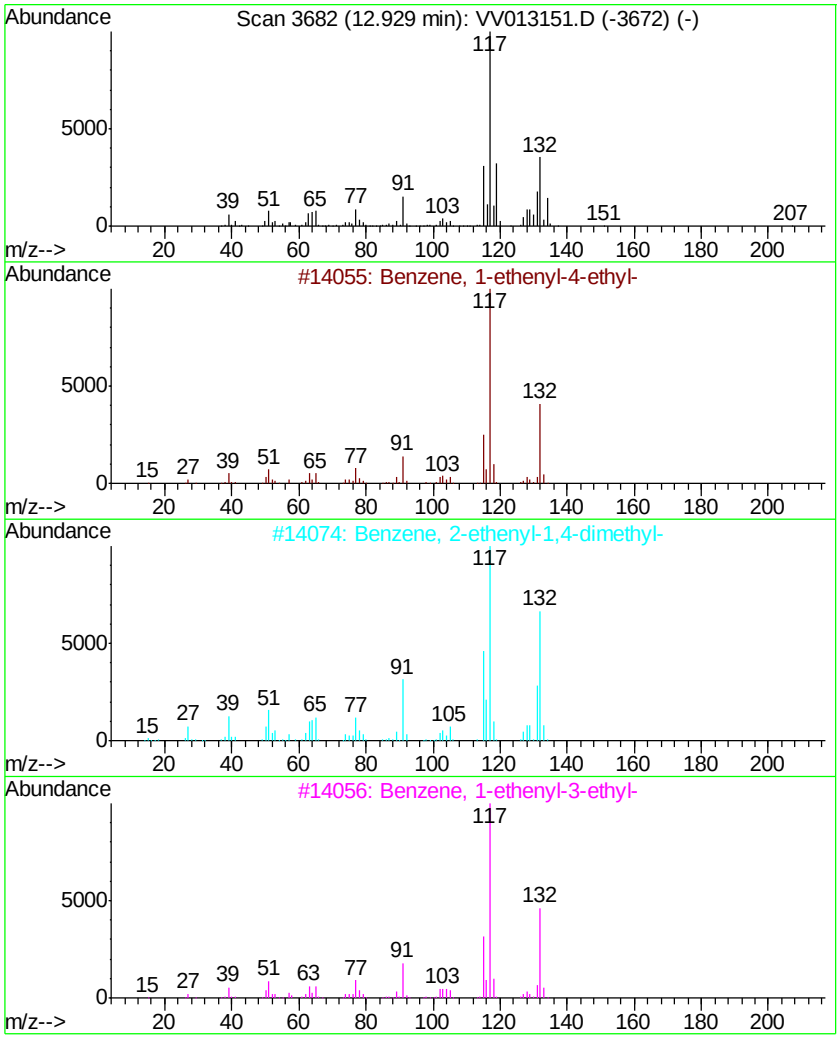
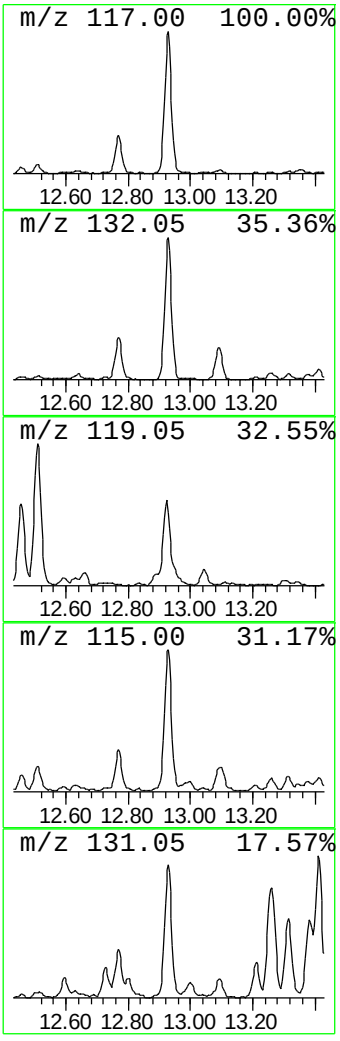
Peak Number 12 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	10.03 ug/L	392311	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101419\
Data File : VV013151.D
Acq On : 14 Oct 2019 19:17
Operator : SY/MD
Sample : K5191-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6L1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

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

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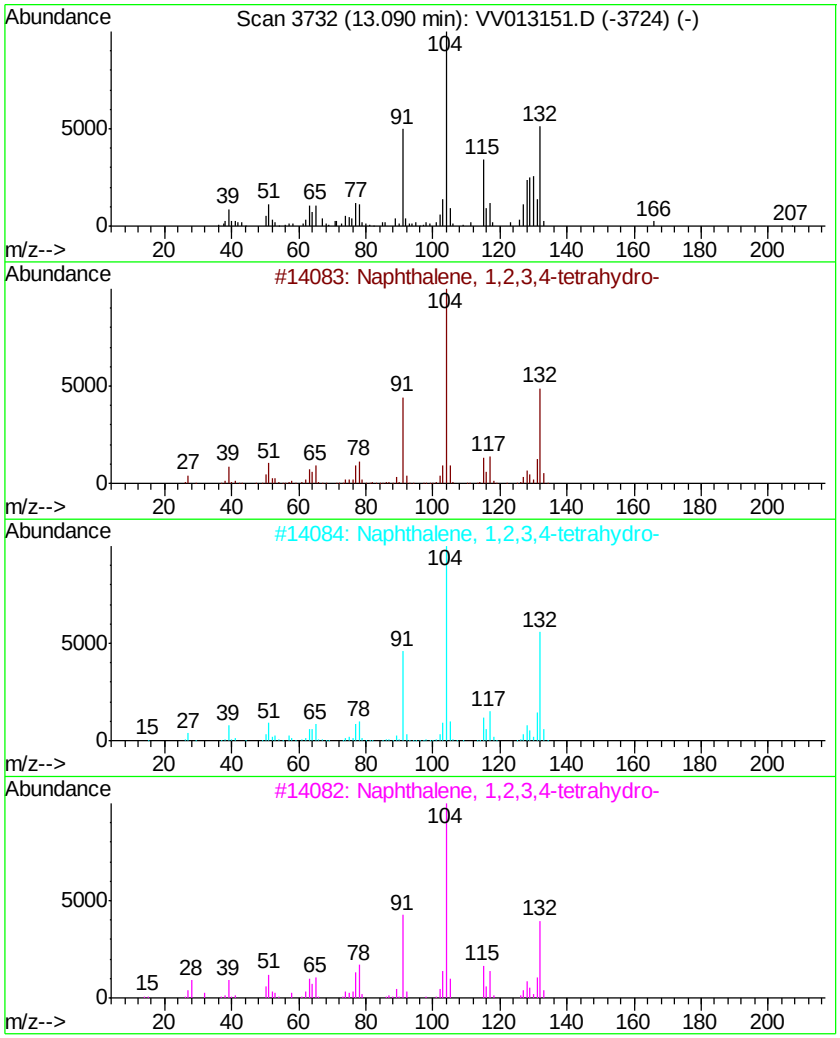
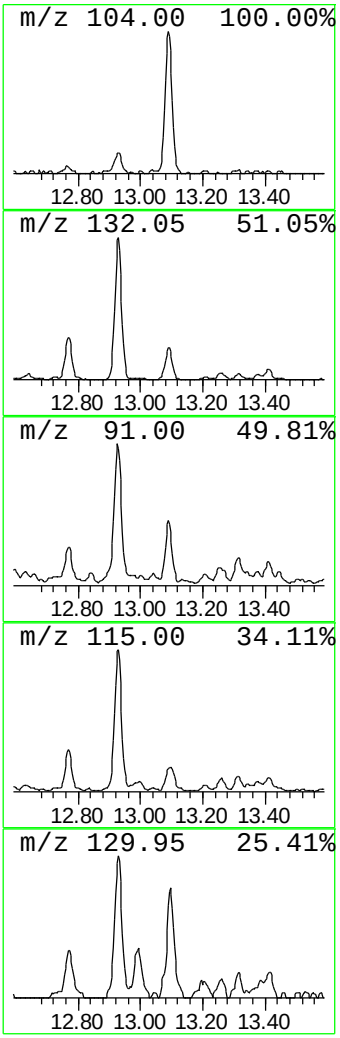
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.78 ug/L	108681	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	83
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	83
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	83
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	83
5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101419\
Data File : VV013151.D
Acq On : 14 Oct 2019 19:17
Operator : SY/MD
Sample : K5191-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6L1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

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

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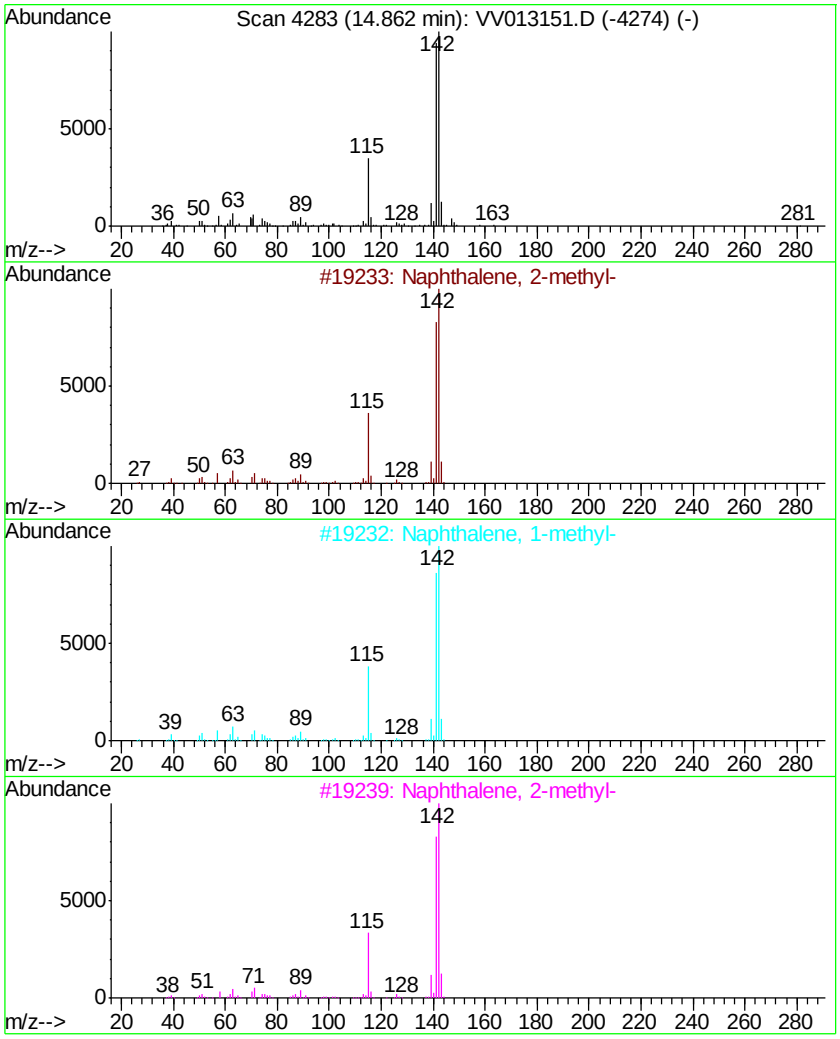
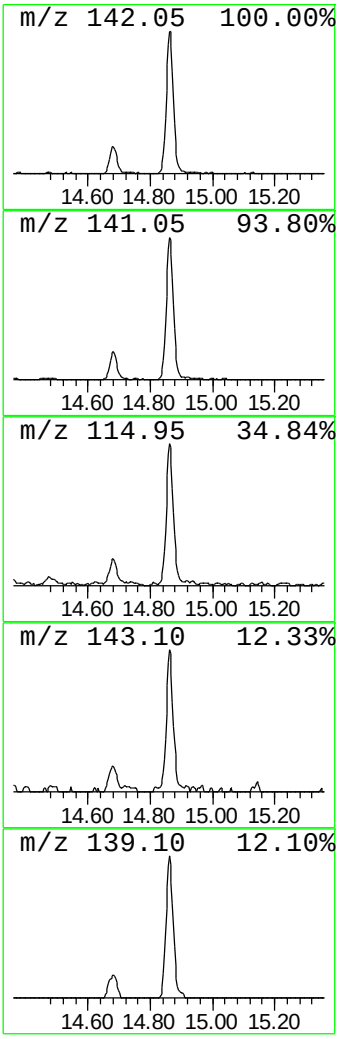
Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	5.09 ug/L	198981	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101419\
Data File : VV013151.D
Acq On : 14 Oct 2019 19:17
Operator : SY/MD
Sample : K5191-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6L1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.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, 1-ethyl-...	10.51	4.4	ug/L	172261	3	11.29	1955100	50.0
Mesitylene	10.58	6.0	ug/L	233821	3	11.29	1955100	50.0
Benzene, 1-ethyl-...	10.78	7.0	ug/L	275060	3	11.29	1955100	50.0
Benzene, 1,2,3-tr...	11.38	14.5	ug/L	567735	3	11.29	1955100	50.0
Indane	11.57	8.6	ug/L	338002	3	11.29	1955100	50.0
o-Cymene	12.06	3.5	ug/L	135291	3	11.29	1955100	50.0
Indan, 1-methyl-	12.16	4.9	ug/L	193337	3	11.29	1955100	50.0
Benzene, 1,2,4,5-...	12.46	2.9	ug/L	114258	3	11.29	1955100	50.0
Benzene, (1-methy...	12.77	2.7	ug/L	105936	3	11.29	1955100	50.0
Benzene, 1-etheny...	12.93	10.0	ug/L	392311	3	11.29	1955100	50.0
Naphthalene, 1,2,...	13.09	2.8	ug/L	108681	3	11.29	1955100	50.0
Naphthalene, 1-me...	14.86	5.1	ug/L	198981	3	11.29	1955100	50.0