LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

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_U\METHOD\SOMULM042719WMA.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	1.180	25	28	36	rVB2	15225	13728	0.02%	0.005%
2	1.395	88	95	108	rBV	434313	484579	0.53%	0.163%
3	1.678	176	183	194	rBV	343508	459576	0.51%	0.154%
4	2.264	355	365	377	rVB	767288	1167679	1.28%	0.392%
5	2.582	459	464	469	rBV4	2123	2596	0.00%	0.001%
6	2.630	476	479	482	rBV4	1594	1304	0.00%	0.000%
7	2.733	509	511	517	rVB5	2774	2512	0.00%	0.001%
8	2.762	517	520	526	rVB3	2066	1678	0.00%	0.001%
9	2.791	526	529	533	rBV2	2328	2078	0.00%	0.001%
10	2.900	559	563	568	rBV4	1287	1359	0.00%	0.000%
11	2.926	568	571	577	rVB3	2013	2002	0.00%	0.001%
12	3.038	601	606	608	rBV3	1380	1358	0.00%	0.000%
13	3.260	671	675	682	rVB5	1611	1531	0.00%	0.001%
14	3.575	768	773	776	rVV3	1927	1730	0.00%	0.001%
15	3.662	795	800	803	rBV4	1390	1436	0.00%	0.000%
16	4.006	902	907	911	rVB3	2412	2004	0.00%	0.001%
17	4.193	950	965	1018	rBV2	271367	1071632	1.18%	0.360%
18	4.643	1087	1105	1125	rBV	537076	1301291	1.43%	0.437%
19	4.871	1170	1176	1179	rBV5	2381	3081	0.00%	0.001%
20	4.890	1180	1182	1186	rVV4	2852	2291	0.00%	0.001%
21	5.054	1226	1233	1237	rBV6	1738	1970	0.00%	0.001%
22	5.334	1294	1320	1330	rBV2	1167789	3416027	3.76%	1.147%
23	5.604	1401	1404	1406	rBV4	2267	1625	0.00%	0.001%
24	5.698	1429	1433	1435	rBV3	1832	1399	0.00%	0.000%
25	5.881	1475	1490	1517	rBV	1182408	2442188	2.69%	0.820%
26	6.177	1568	1582	1594	rBV	16576	41772	0.05%	0.014%
27	6.257	1603	1607	1613	rVB7	2597	2775	0.00%	0.001%
28	6.324	1613	1628	1648	rBV	766444	1581587	1.74%	0.531%
29	6.595	1710	1712	1714	rBV2	2326	1232	0.00%	0.000%
30	6.833	1782	1786	1789	rBV3	1882	1604	0.00%	0.001%
31	6.919	1810	1813	1817	rVB3	1979	1483	0.00%	0.000%
32	7.038	1847	1850	1854	rVB3	2006	1438	0.00%	0.000%
33	7.061	1854	1857	1858	rBV3	2207	1312	0.00%	0.000%
34	7.170	1886	1891	1892	rBV2	4202	3707	0.00%	0.001%

LSC Area Percent Report

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Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

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_U\METHOD\SOMULM042719WMA.M
Title : VOC Analysis

35	7.225	1897	1908	1931	rVV	393567	733579	0.81%	0.246%
36	7.366	1949	1952	1959	rVB9	3288	3279	0.00%	0.001%
37	7.414	1964	1967	1968	rBV2	3189	1574	0.00%	0.001%
38	7.562	1988	2013	2024	rBV	1398365	2535298	2.79%	0.851%
39	7.633	2024	2035	2071	rVB	2586103	4777190	5.26%	1.604%
40	7.849	2094	2102	2119	rVB	257241	439317	0.48%	0.148%
41	8.225	2213	2219	2225	rBV7	5262	6290	0.01%	0.002%
42	8.318	2237	2248	2286	rBV	1163627	2378691	2.62%	0.799%
43	8.746	2374	2381	2391	rBV	7434	12439	0.01%	0.004%
44	8.816	2395	2403	2406	rBV7	7013	10593	0.01%	0.004%
45	8.906	2425	2431	2440	rVB2	20429	30787	0.03%	0.010%
46	9.029	2456	2469	2475	rBV3	22358	43991	0.05%	0.015%
47	9.086	2476	2487	2513	rVV	1707357	2955751	3.25%	0.993%
48	9.247	2526	2537	2555	rBV	454427	779232	0.86%	0.262%
49	9.369	2563	2575	2590	rBV	3853639	6538559	7.20%	2.196%
50	9.540	2622	2628	2642	rVB4	34610	68679	0.08%	0.023%
51	9.781	2691	2703	2737	rVB4	2587766	5390504	5.93%	1.810%
52	9.948	2750	2755	2765	rVB2	50868	75363	0.08%	0.025%
53	10.164	2814	2822	2831	rBV	34092	57184	0.06%	0.019%
54	10.430	2894	2905	2918	rBV	1014105	1719279	1.89%	0.577%
55	10.585	2944	2953	2965	rBV	102590	172468	0.19%	0.058%
56	10.678	2972	2982	2998	rBV2	658174	1464409	1.61%	0.492%
57	10.768	2999	3010	3017	rVV	905182	1518380	1.67%	0.510%
58	10.810	3018	3023	3039	rVB2	406465	573932	0.63%	0.193%
59	10.971	3063	3073	3075	rBV	235827	313012	0.34%	0.105%
60	11.144	3110	3127	3139	rBV	2699384	4250724	4.68%	1.427%
61	11.212	3139	3148	3157	rVV	1522752	2311256	2.54%	0.776%
62	11.263	3157	3164	3178	rVB	524434	799237	0.88%	0.268%
63	11.398	3196	3206	3221	rBV	1055988	1815047	2.00%	0.610%
64	11.479	3222	3231	3243	rVV	1804200	2832989	3.12%	0.951%
65	11.569	3250	3259	3268	rBV	833472	1246069	1.37%	0.418%
66	11.623	3270	3276	3292	rVB	319318	508768	0.56%	0.171%
67	11.762	3310	3319	3328	rBV2	475000	827987	0.91%	0.278%
68	11.858	3339	3349	3366	rVB2	1616154	2909326	3.20%	0.977%
69	11.977	3374	3386	3396	rBV	11332125	17722247	19.50%	5.951%
70	12.144	3432	3438	3441	rBV	120162	153147	0.17%	0.051%
71	12.221	3455	3462	3464	rBV3	178724	223458	0.25%	0.075%

LSC Area Percent Report

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Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

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_U\METHOD\SOMULM042719WMA.M
Title : VOC Analysis

72	12.424	3518	3525	3535	rVB	429057	669366	0.74%	0.225%
73	12.482	3538	3543	3548	rBV3	97071	133528	0.15%	0.045%
74	12.594	3570	3578	3587	rBV2	337765	628693	0.69%	0.211%
75	12.646	3588	3594	3600	rVV2	273846	366094	0.40%	0.123%
76	12.697	3600	3610	3629	rVV3	1217515	2511065	2.76%	0.843%
77	12.819	3642	3648	3660	rBV3	314097	498270	0.55%	0.167%
78	12.961	3685	3692	3706	rVB2	251449	381642	0.42%	0.128%
79	13.118	3733	3741	3750	rBV2	1259813	1833531	2.02%	0.616%
80	13.180	3751	3760	3773	rVB	2848335	4347746	4.78%	1.460%
81	13.286	3782	3793	3811	rBV	3272043	5473261	6.02%	1.838%
82	13.742	3921	3935	3959	rVV2	52288979	90872453	100.00%	30.516%
83	13.855	3962	3970	3992	rVB	1422557	2519761	2.77%	0.846%
84	14.138	4051	4058	4065	rBV2	466716	668800	0.74%	0.225%
85	14.334	4111	4119	4128	rBV2	587320	1010631	1.11%	0.339%
86	14.871	4275	4286	4312	rVB	25877414	40911473	45.02%	13.738%
87	15.057	4332	4344	4362	rBV	13222035	21351979	23.50%	7.170%
88	15.601	4504	4513	4524	rVB	2174523	3330019	3.66%	1.118%
89	15.794	4566	4573	4580	rBV	1073983	1514551	1.67%	0.509%
90	15.906	4597	4608	4623	rBV	4983911	8630024	9.50%	2.898%
91	16.054	4644	4654	4660	rBV	5152134	7916367	8.71%	2.658%
92	16.093	4661	4666	4682	rVB	2868502	4199725	4.62%	1.410%
93	16.183	4686	4694	4706	rVB	1052027	1647531	1.81%	0.553%
94	16.279	4708	4724	4736	rBV	1613063	3693216	4.06%	1.240%
95	16.424	4762	4769	4783	rVB	767997	1171485	1.29%	0.393%
96	16.517	4788	4798	4817	rBV2	3132305	5568882	6.13%	1.870%
97	16.732	4857	4865	4871	rBV	884723	1431857	1.58%	0.481%
98	17.015	4946	4953	4977	rVB3	868298	2232702	2.46%	0.750%
99	17.160	4991	4998	5008	rVB	763111	1168536	1.29%	0.392%
100	17.221	5010	5017	5029	rVV2	571965	878268	0.97%	0.295%

Sum of corrected areas: 297787055

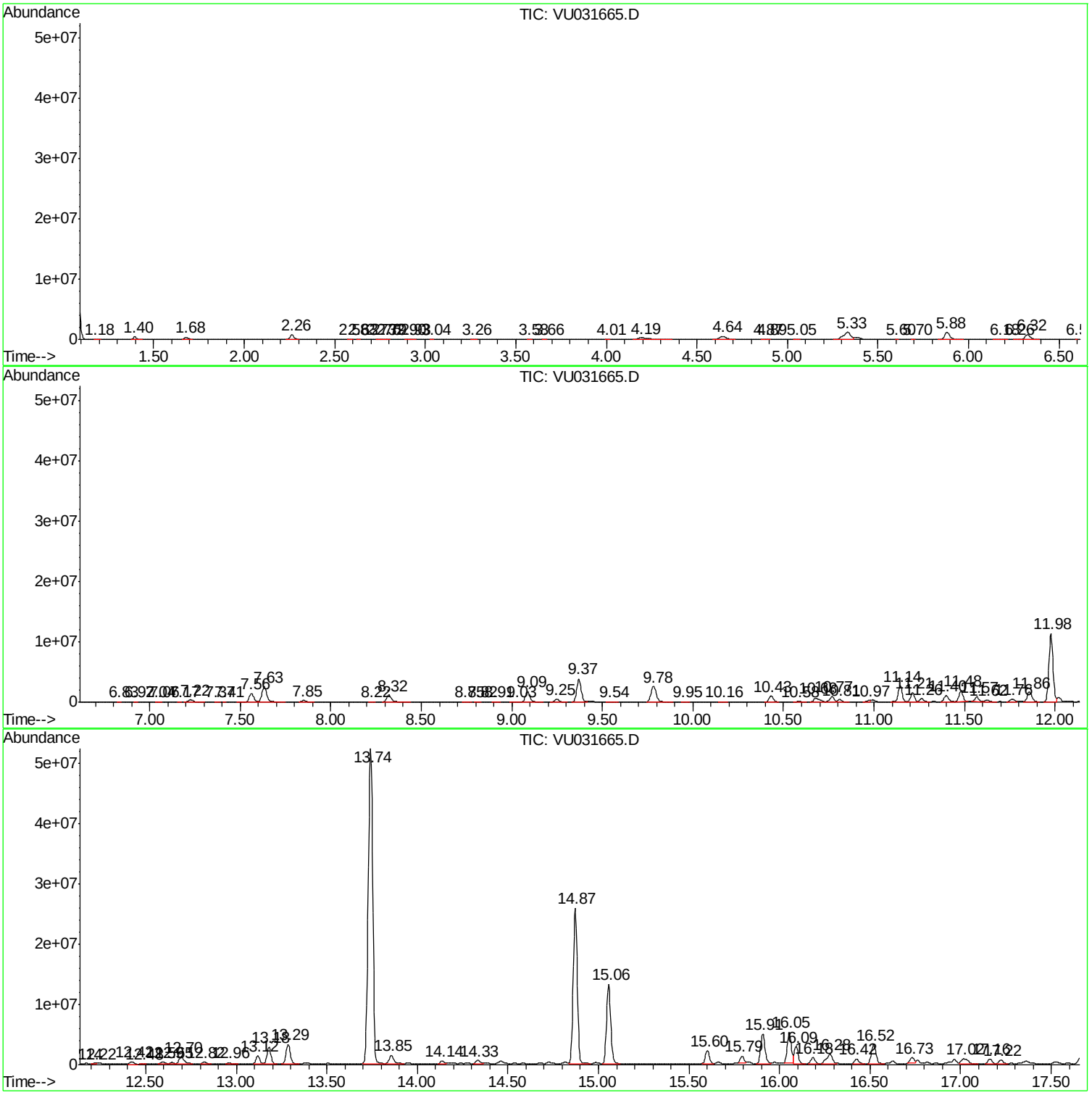
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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_U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
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ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

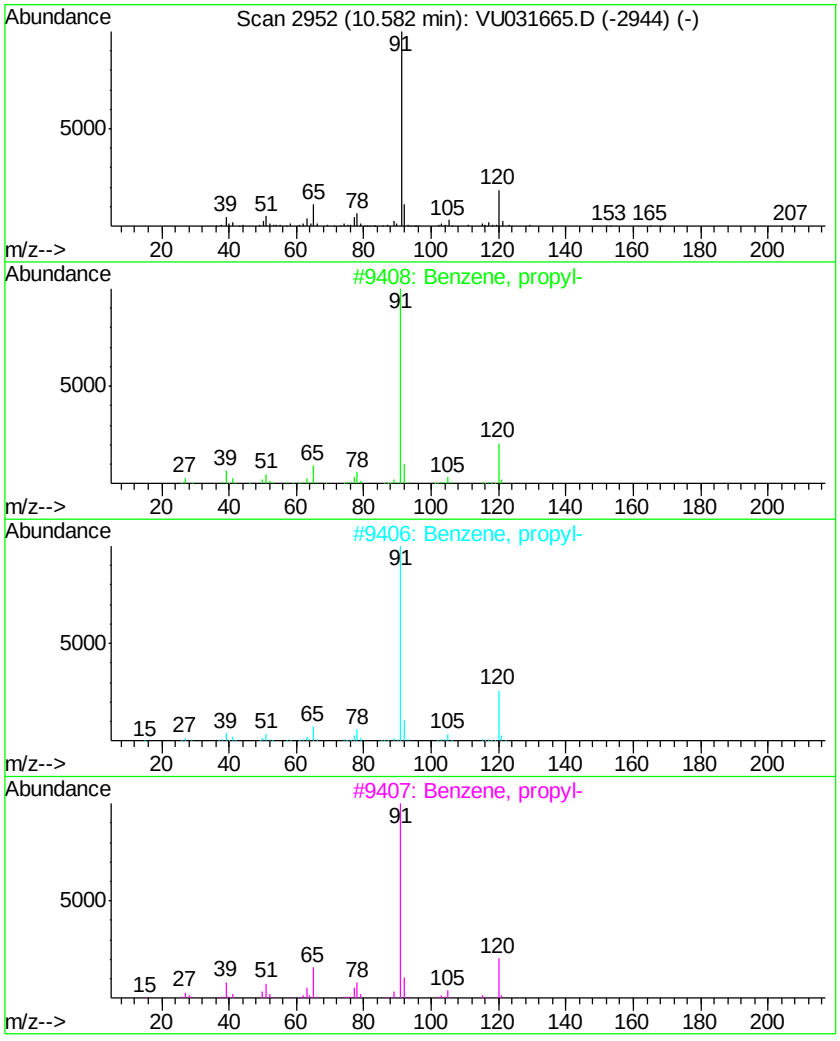
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

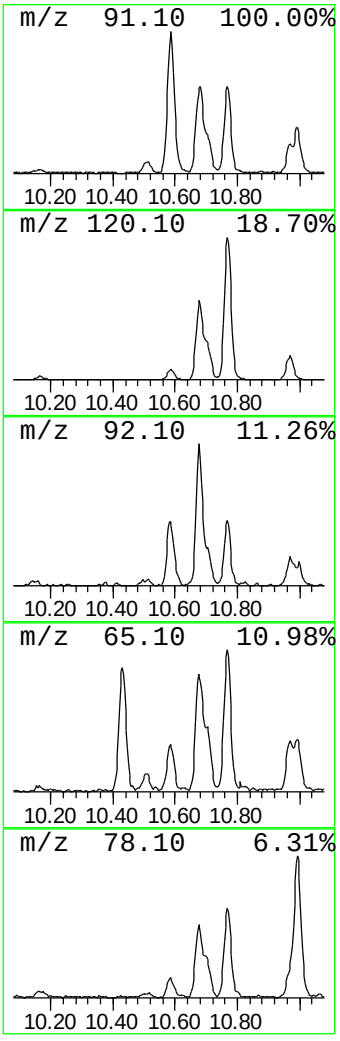
****

Peak Number 2 Benzene, propyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	3.04 ug/L	172468	1,4-Dichlorobenzene-d4	11.48

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	81
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
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Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

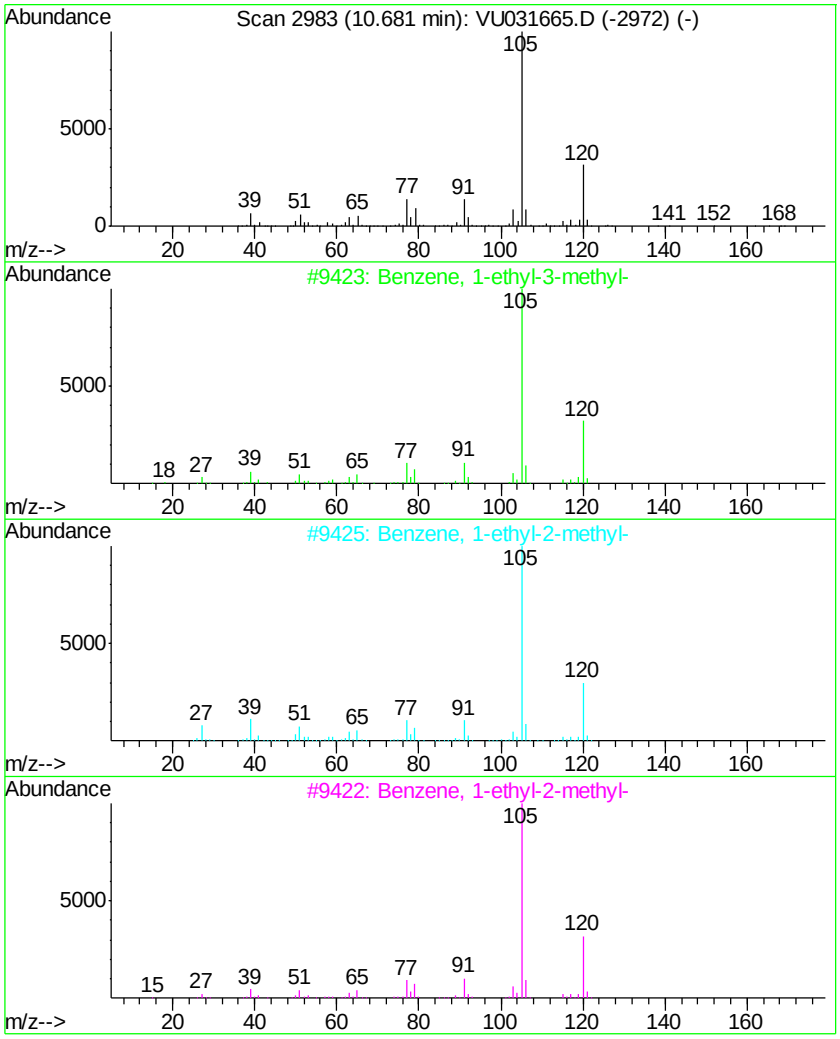
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

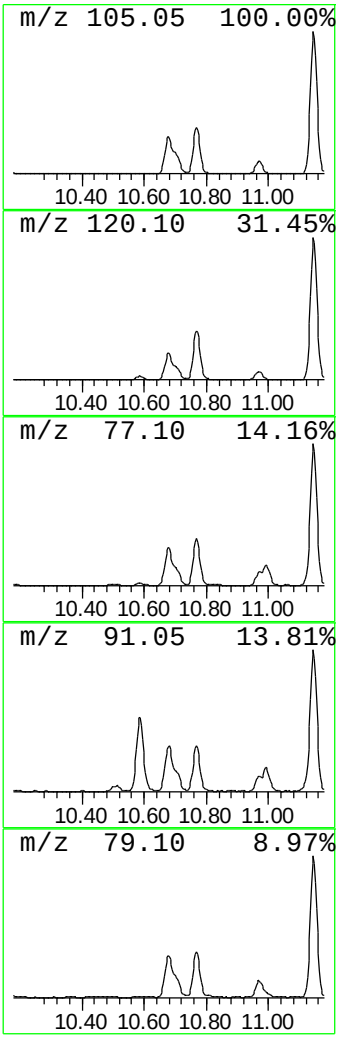
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	25.85 ug/L	1464410	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
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Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

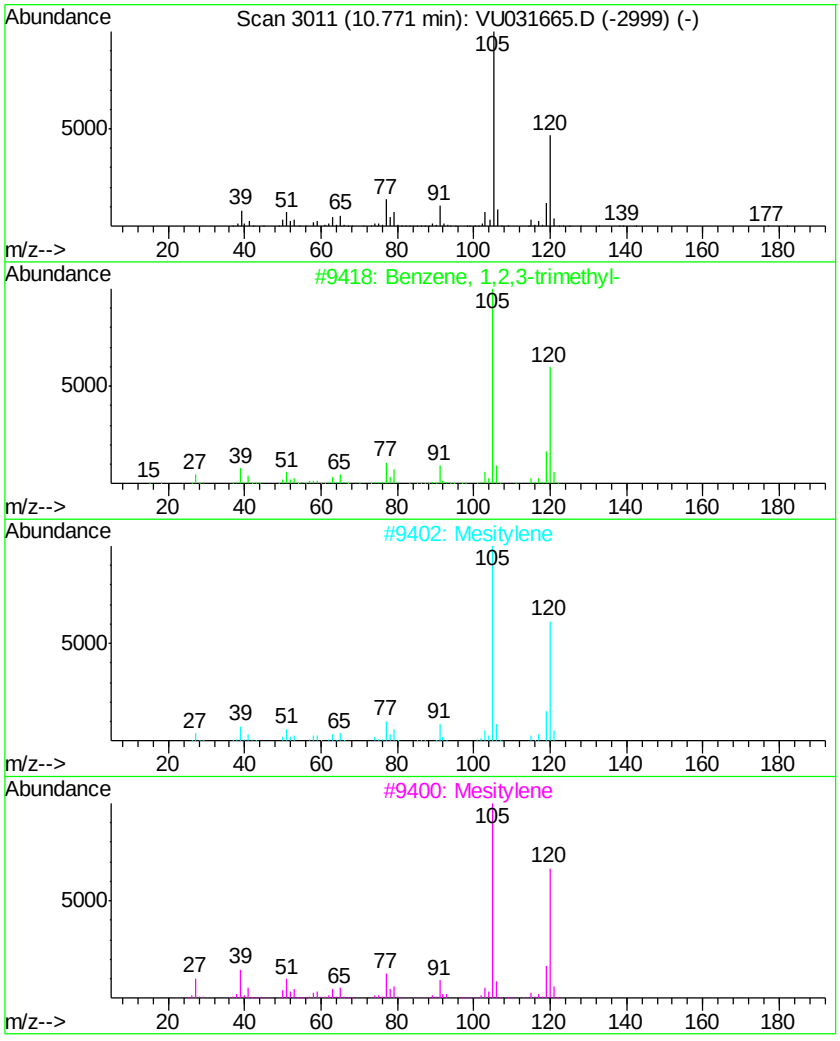
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

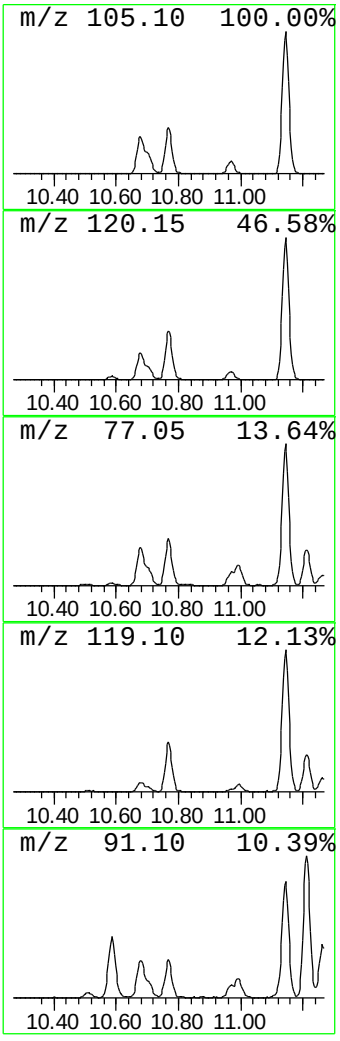
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	26.80 ug/L	1518380	1,4-Dichlorobenzene-d4	11.48

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	97
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5	Mesitylene	120	C9H12	000108-67-8	94





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Operator : JC/SP
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Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

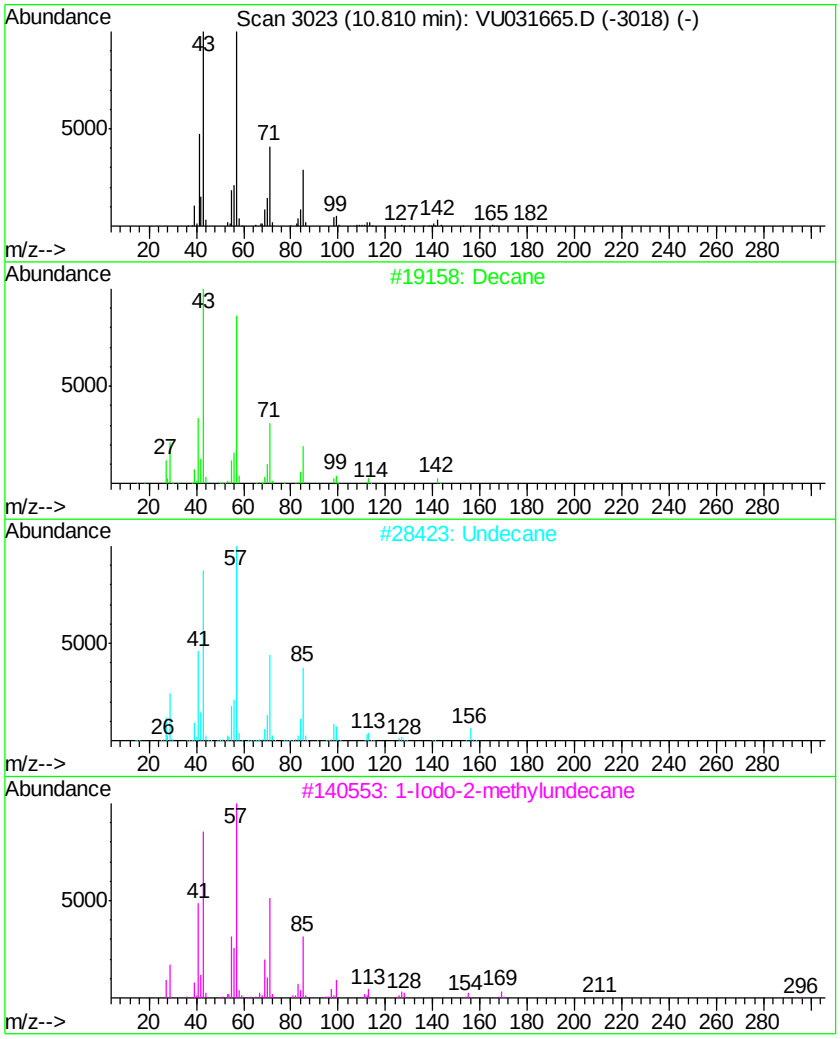
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

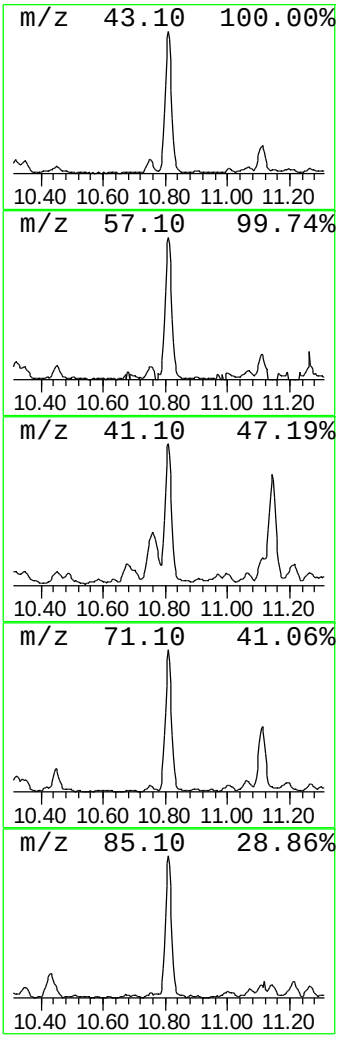
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	10.13 ug/L	573932	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Undecane	156	C11H24	001120-21-4	90
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
4	Nonane	128	C9H20	000111-84-2	80
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
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ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

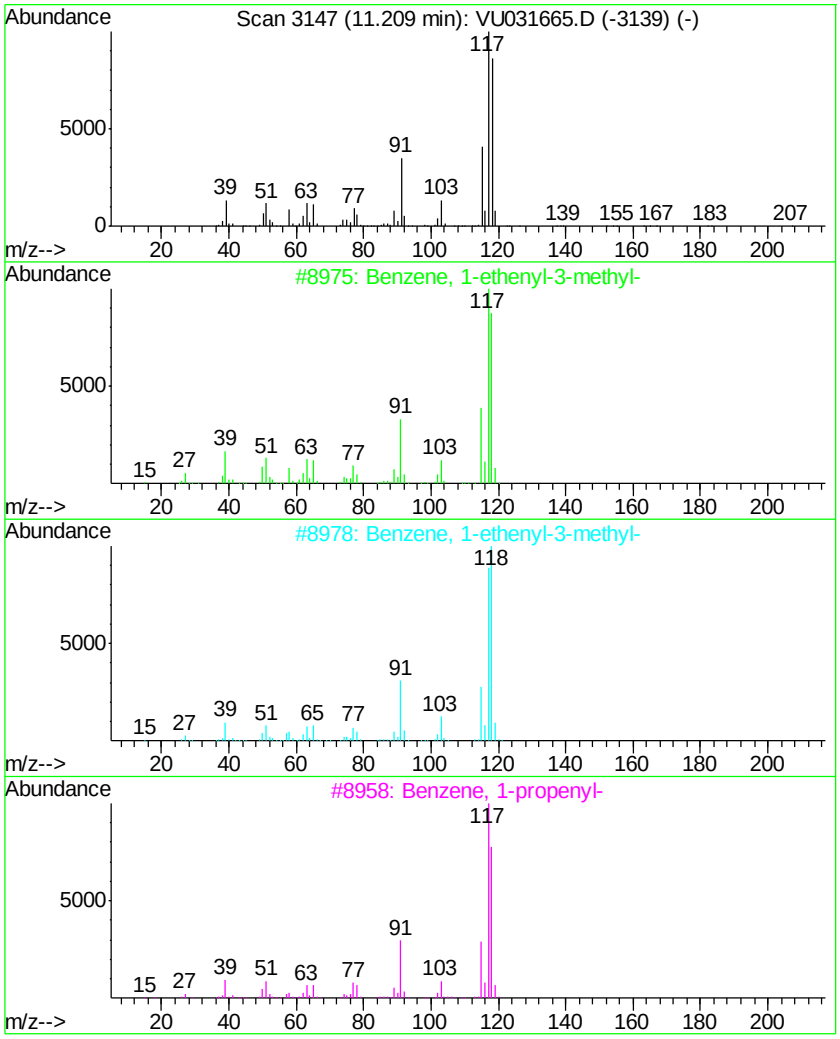
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

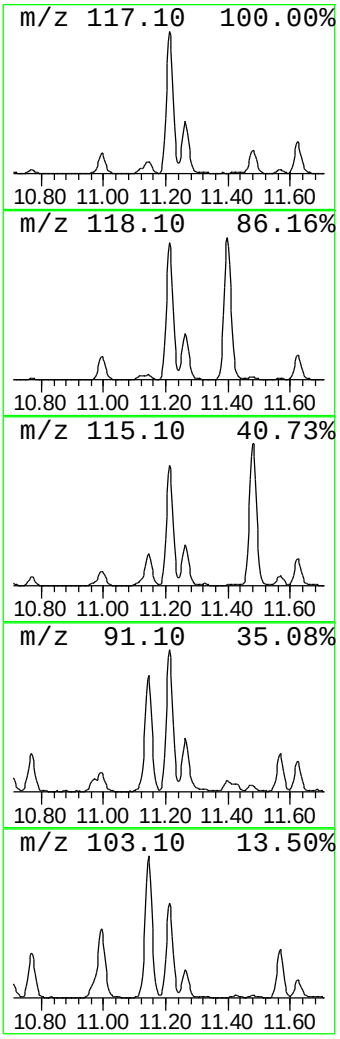
****

Peak Number 8 Benzene, 1-ethenyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	40.79 ug/L	2311260	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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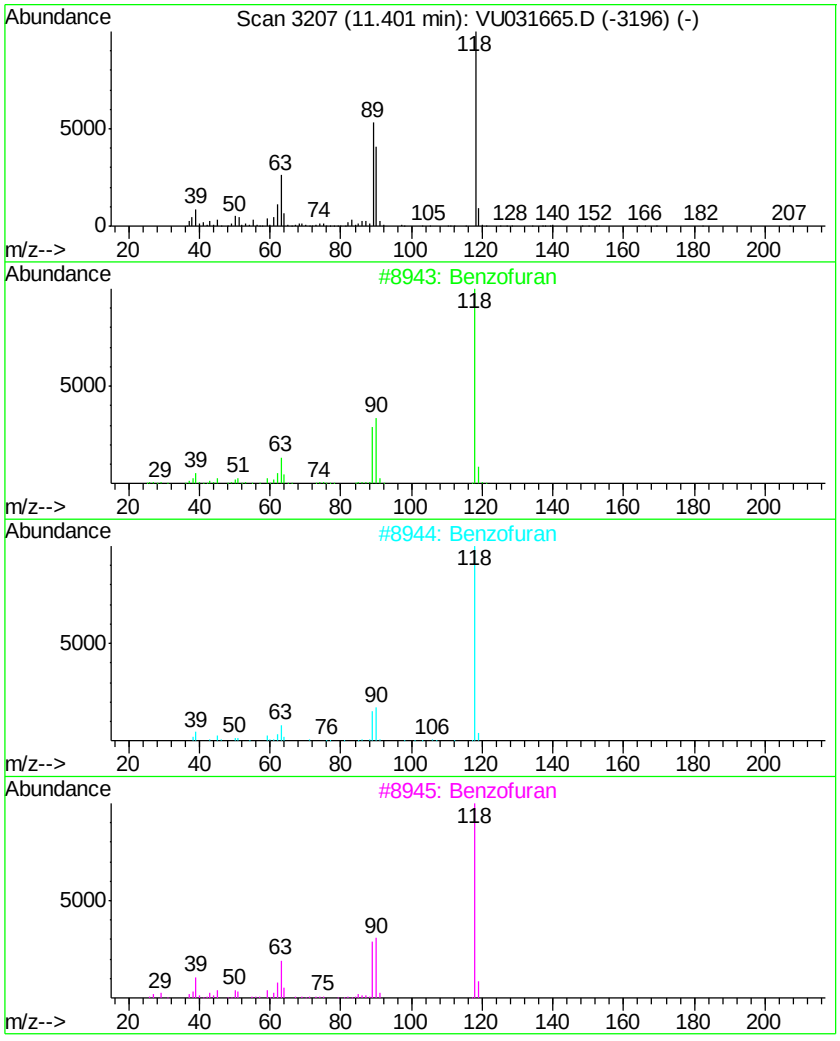
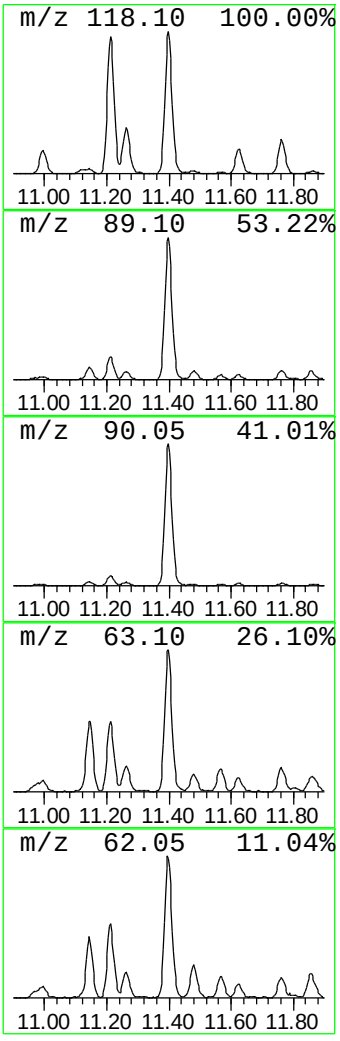
Peak Number 10 Benzofuran Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	32.03 ug/L	1815050	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	93
2	Benzofuran	118	C8H6O	000271-89-6	90
3	Benzofuran	118	C8H6O	000271-89-6	90
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87
5	3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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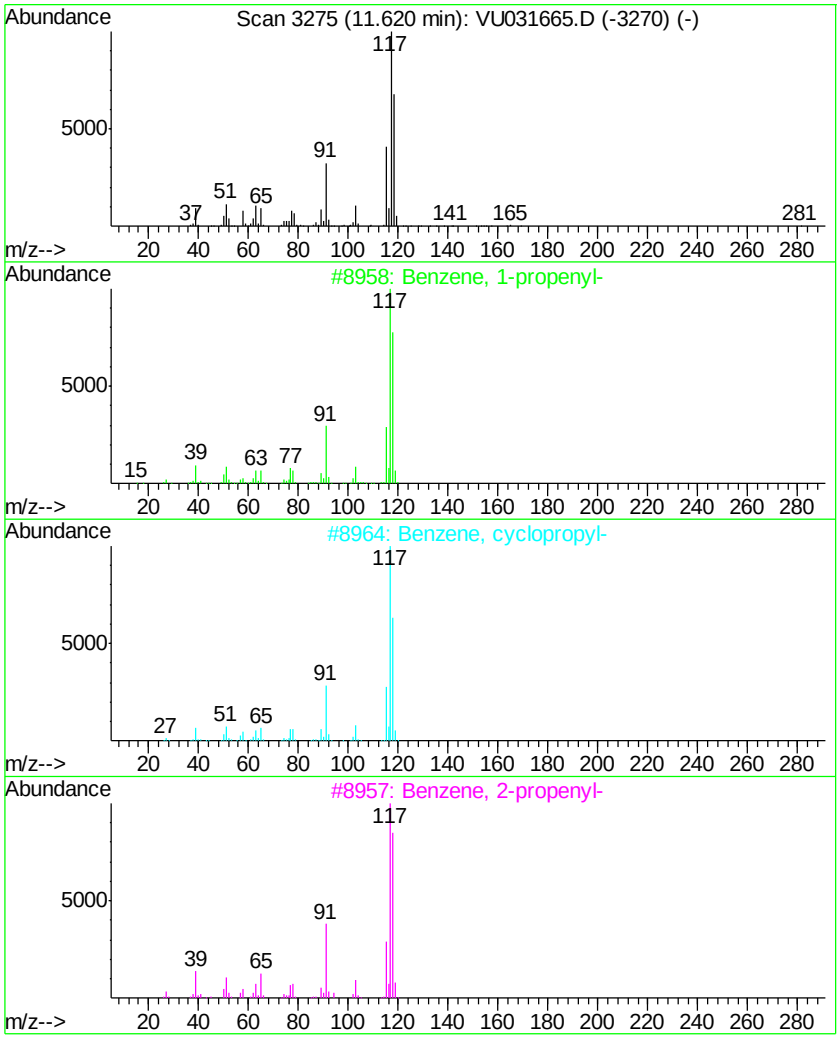
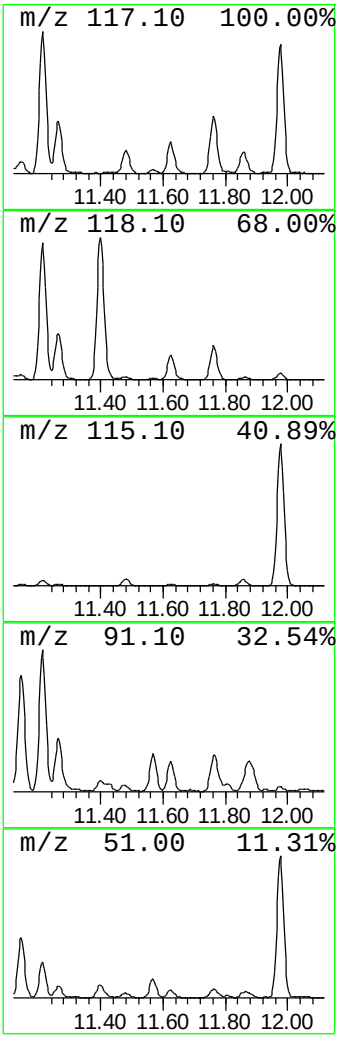
Peak Number 12 Benzene, 1-propenyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	8.98 ug/L	508768	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93





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Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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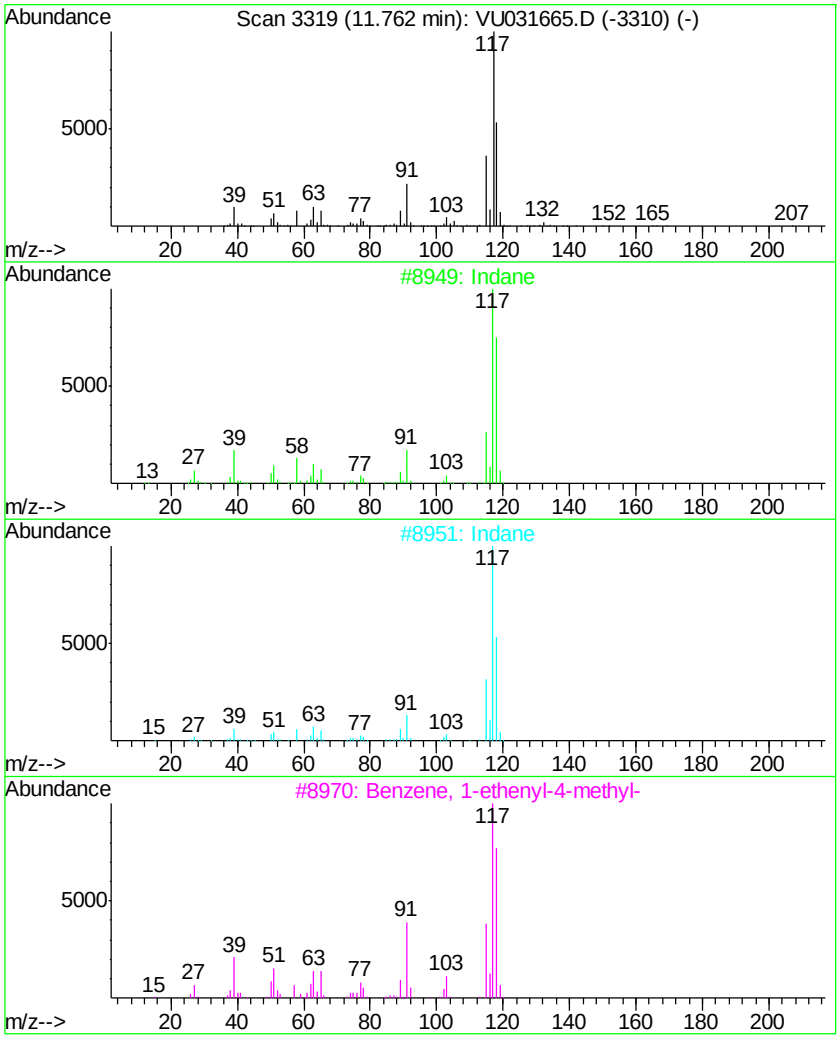
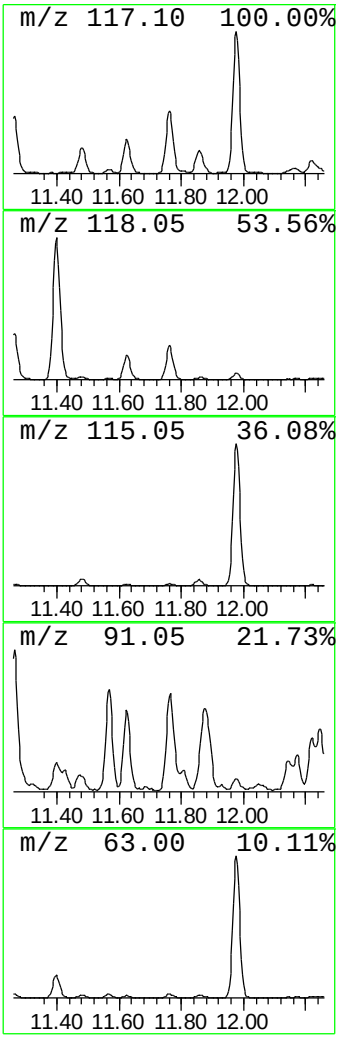
Peak Number 13 Indane Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	14.61 ug/L	827987	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	68





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Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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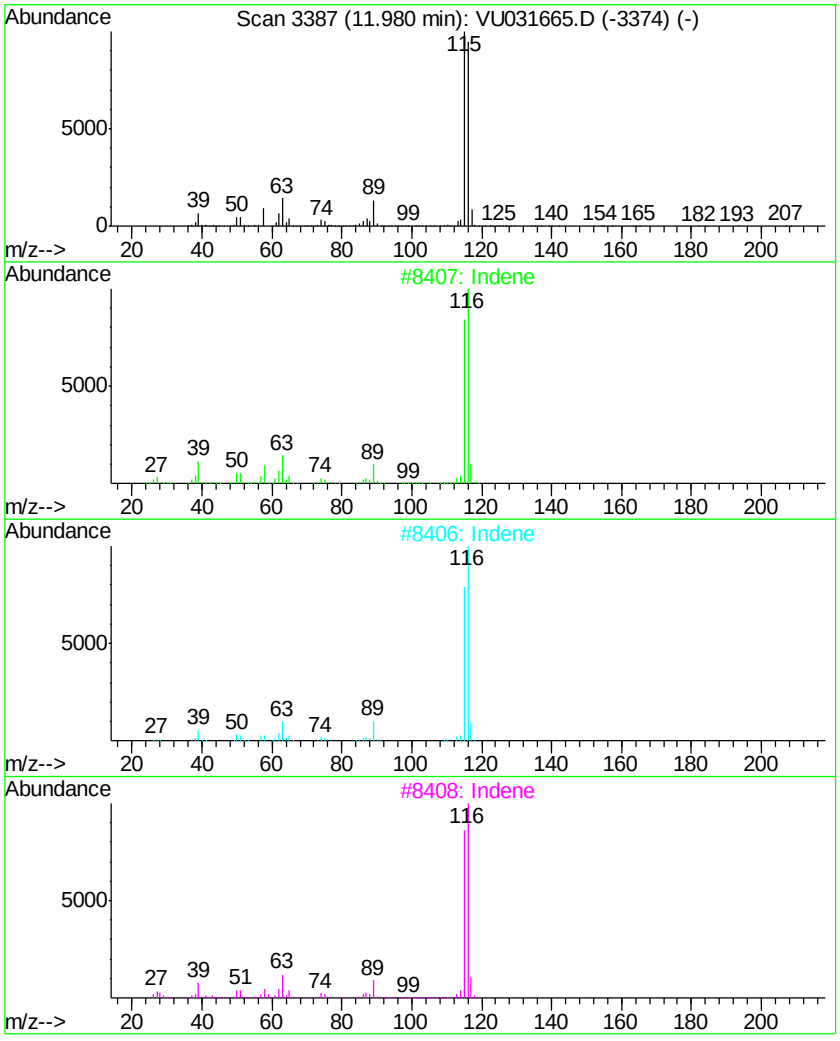
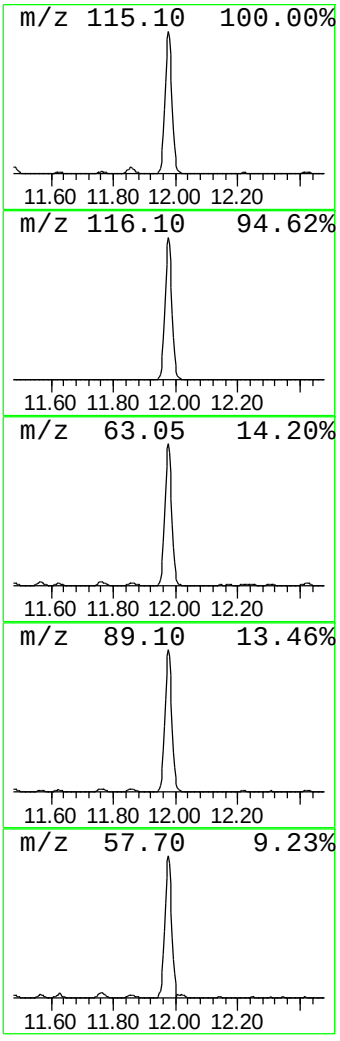
Peak Number 14 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	312.78 ug/L	17722200	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	95
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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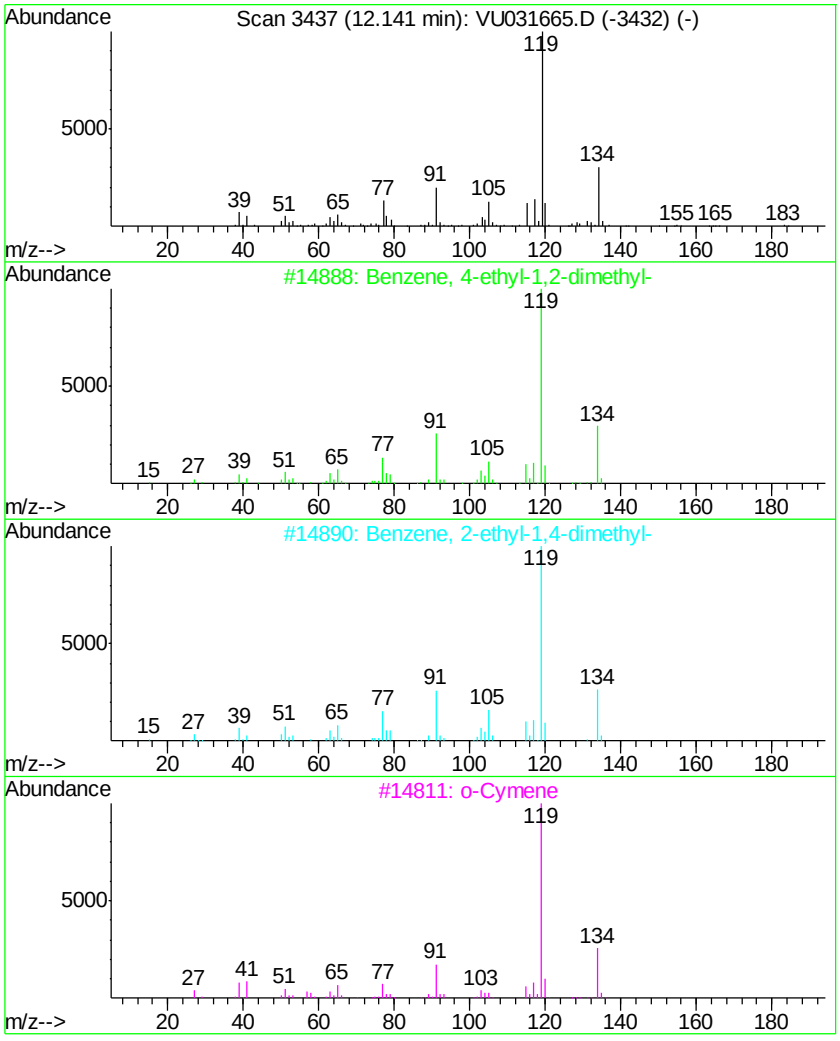
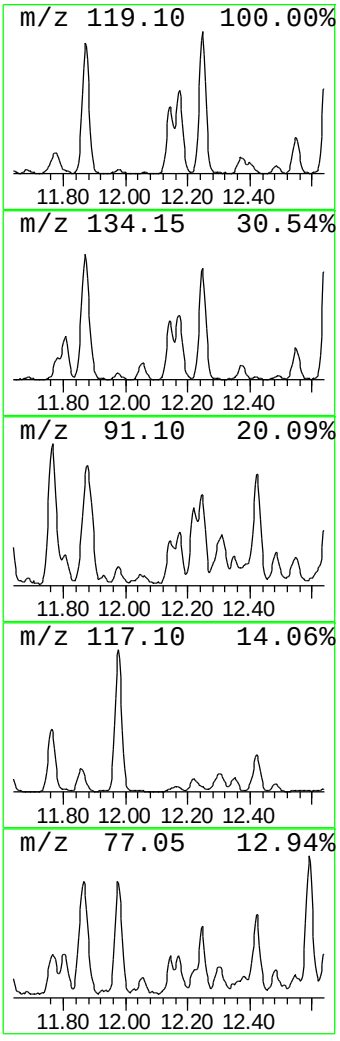
Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.70 ug/L	153147	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	o-Cymene	134	C10H14	000527-84-4	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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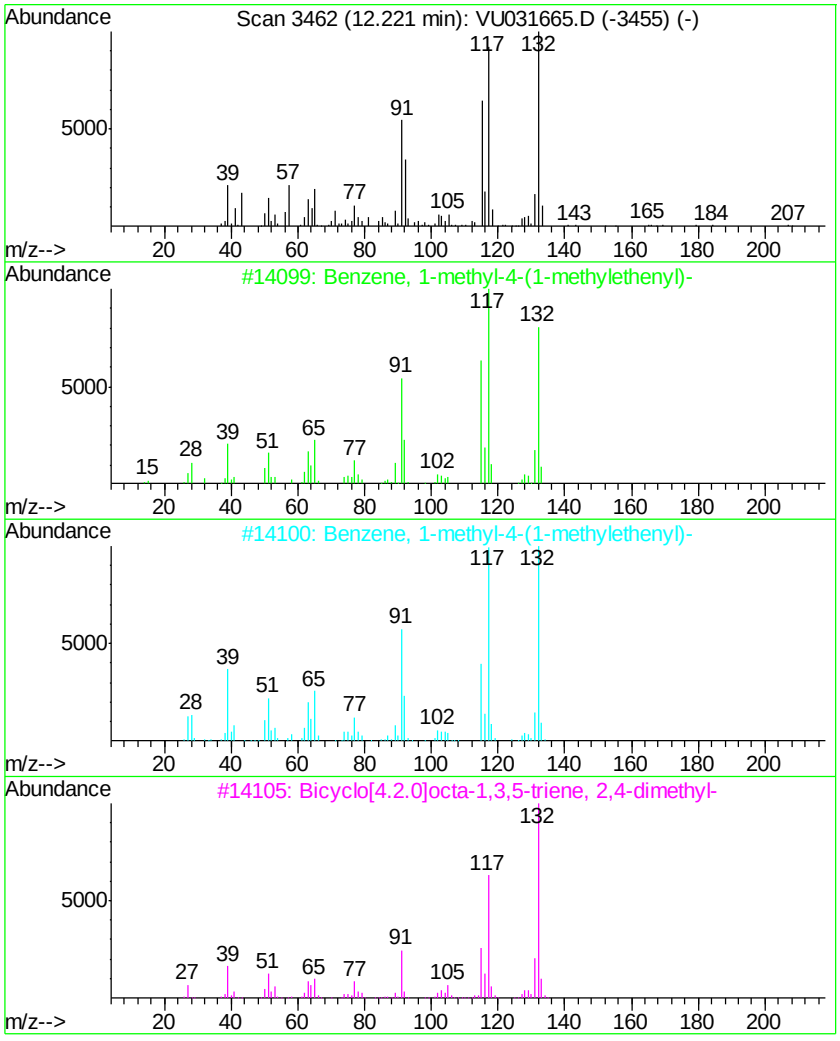
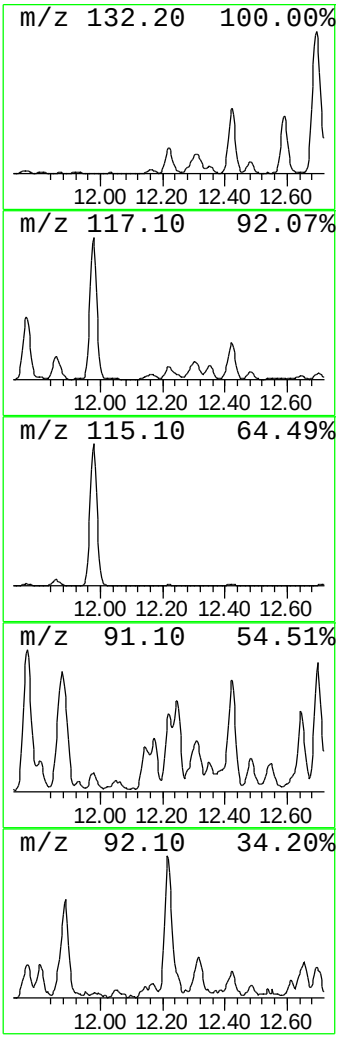
Peak Number 16 Benzene, 1-methyl-4-(1-meth... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	3.94 ug/L	223458	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	96
2	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	87
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	87
4	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	83
5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	81





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Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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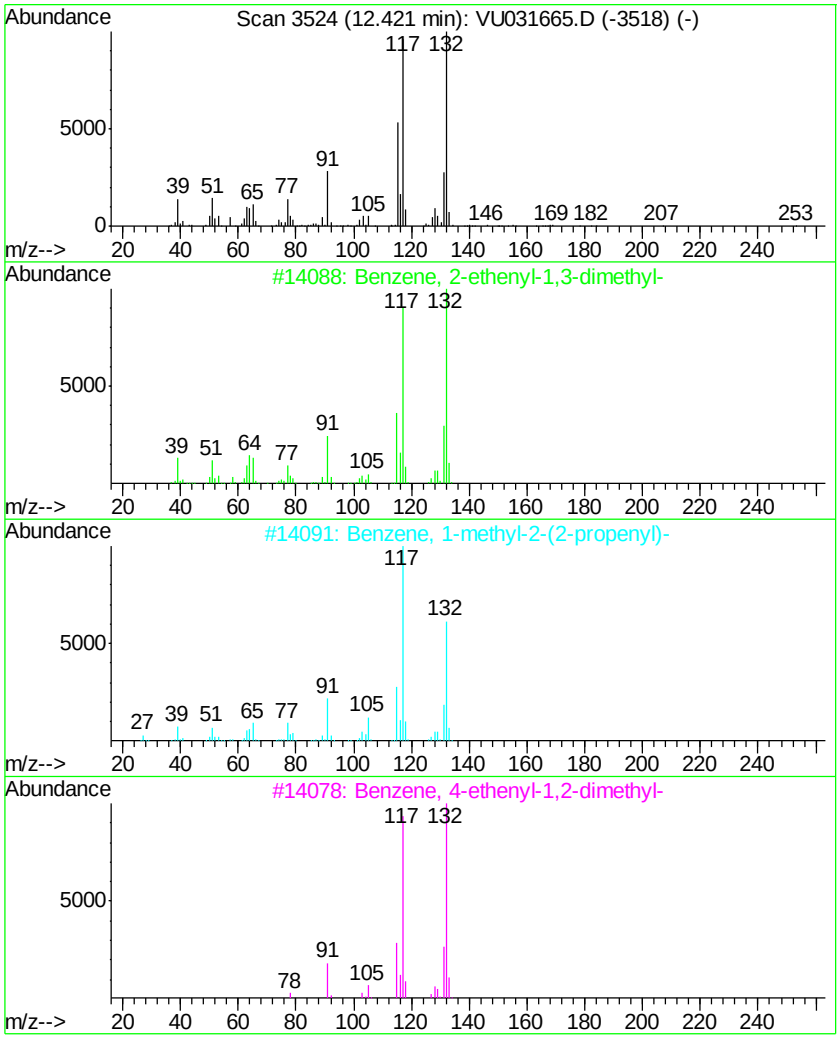
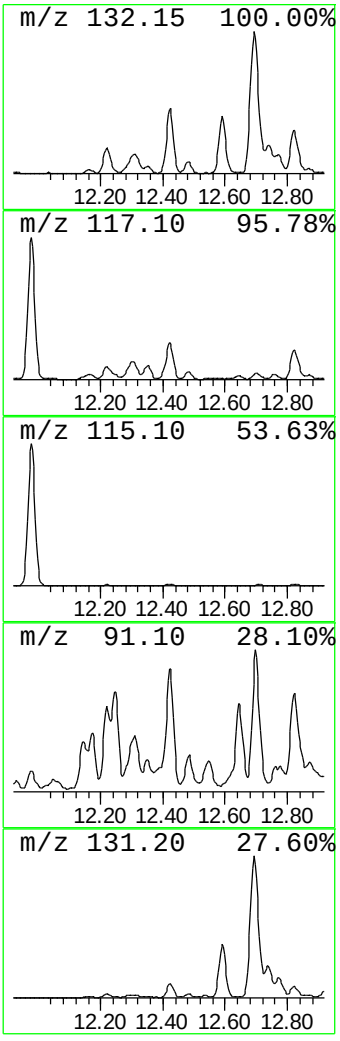
Peak Number 17 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	11.81 ug/L	669366	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
3	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	87
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	87
5	o-Isopropenyltoluene	132	C10H12	007399-49-7	87





Library Search Compound Report

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Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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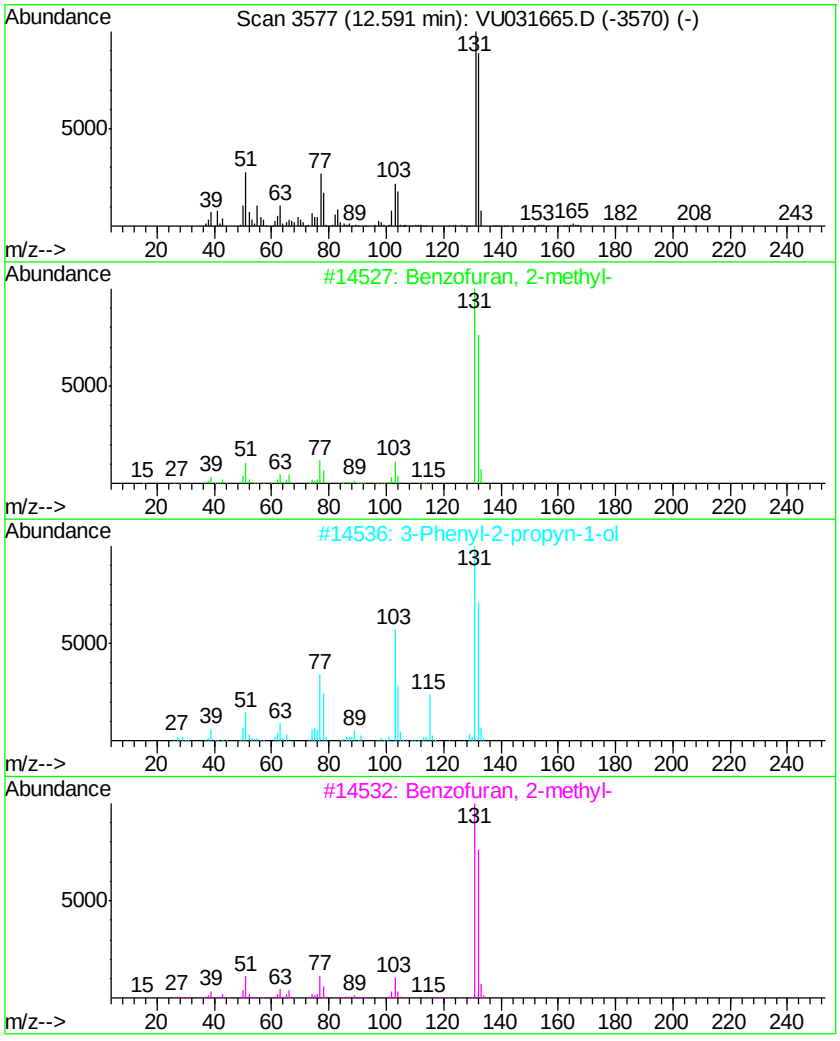
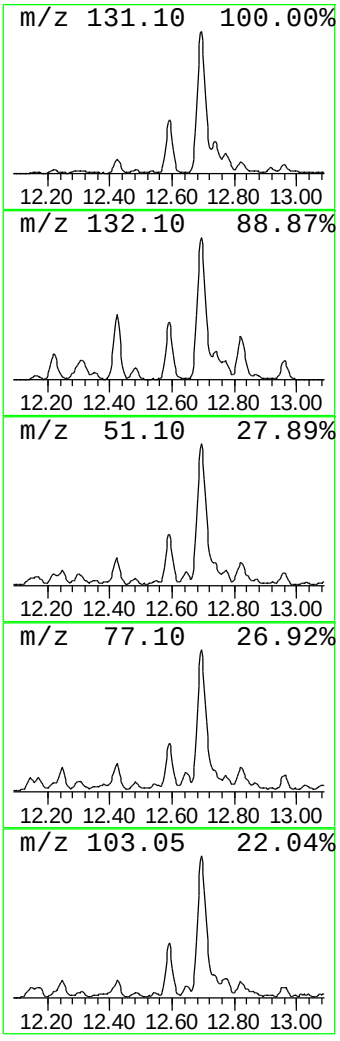
Peak Number 18 Benzofuran, 2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	11.10 ug/L	628693	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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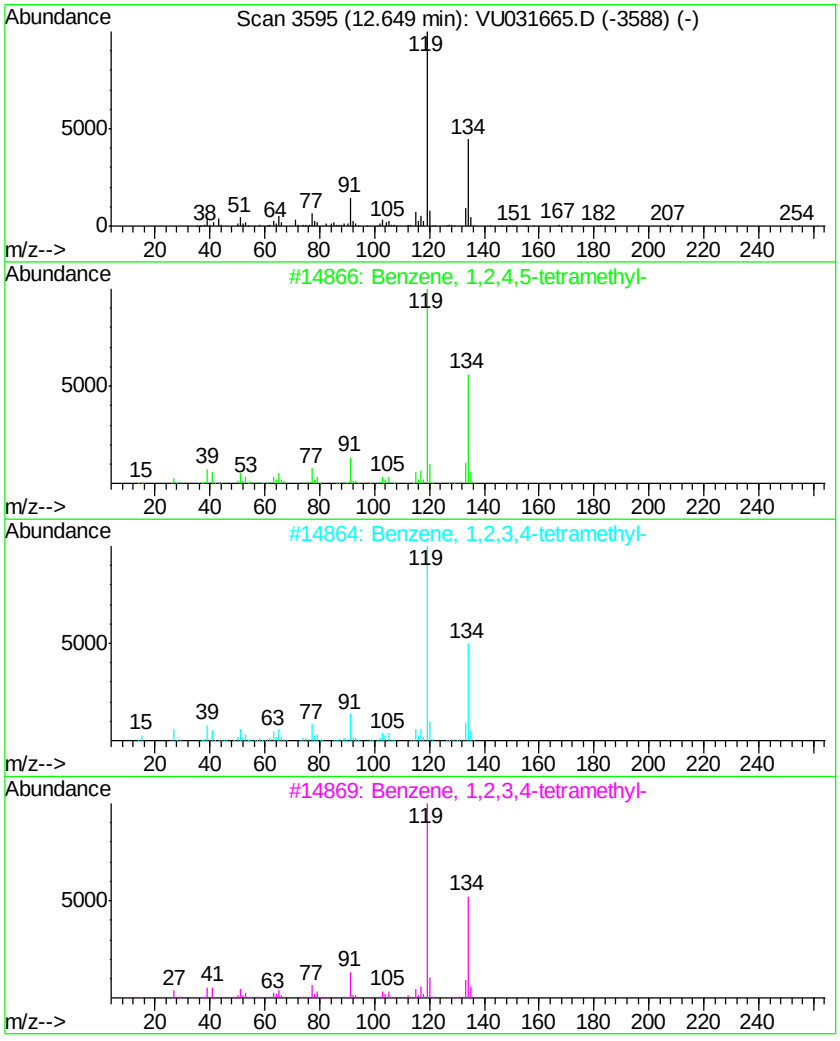
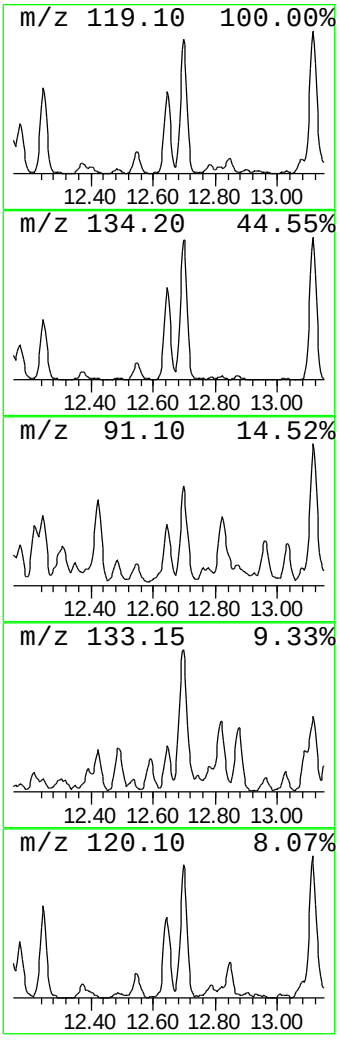
Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	6.46 ug/L	366094	1,4-Dichlorobenzene-d4	11.48

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	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	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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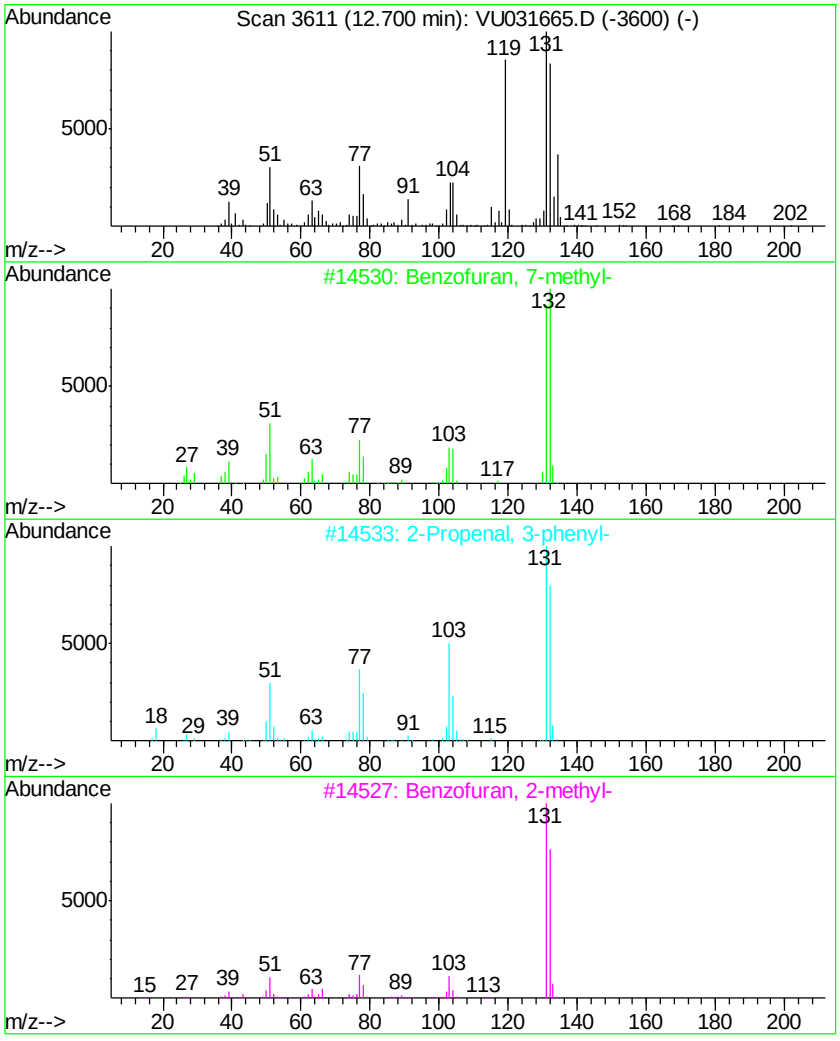
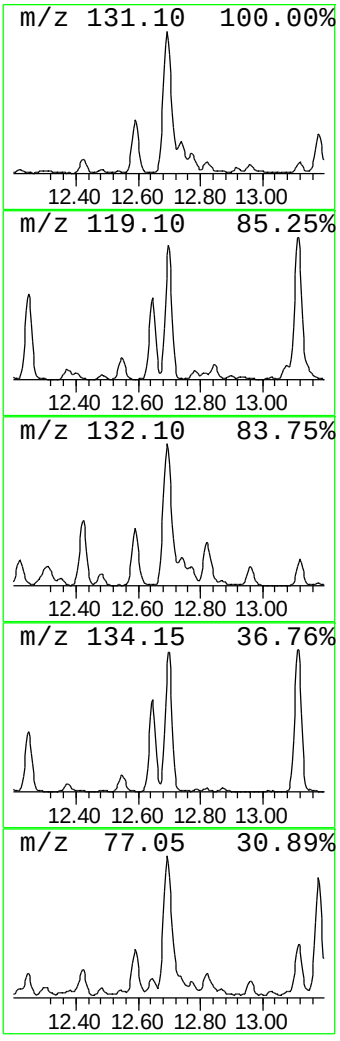
Peak Number 20 Benzofuran, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	44.32 ug/L	2511070	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	95
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	83
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	83
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	64
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	64





Library Search Compound Report

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Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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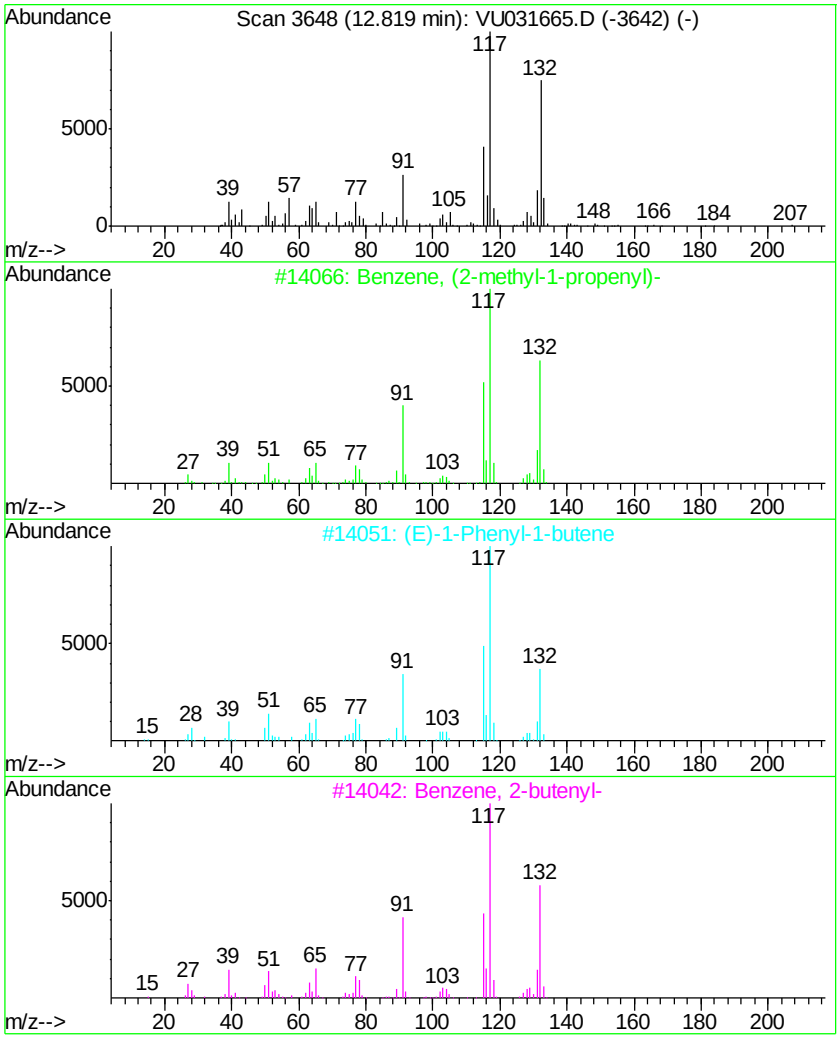
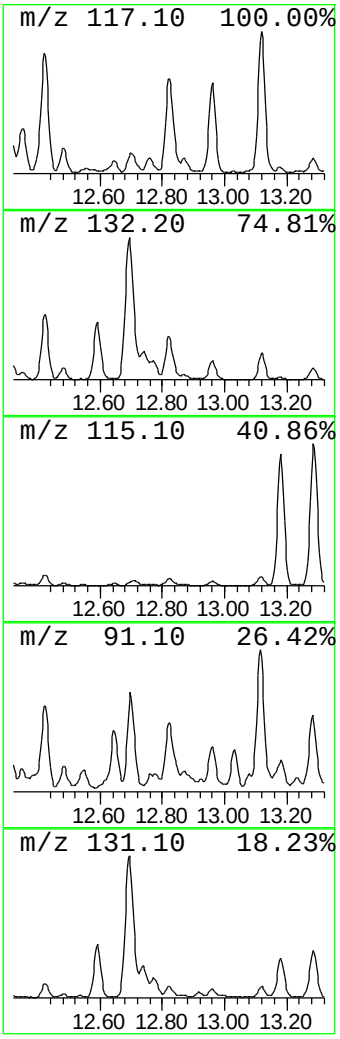
Peak Number 21 Benzene, (2-methyl-1-propen... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	8.79 ug/L	498270	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	94
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

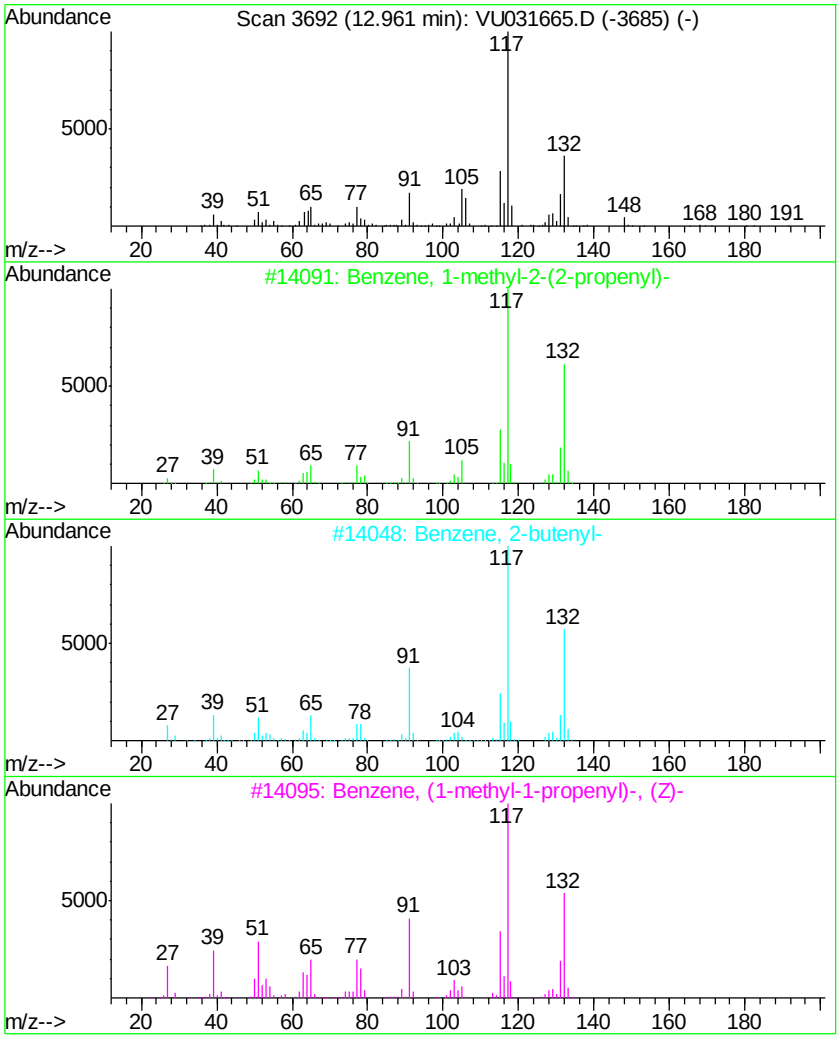
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

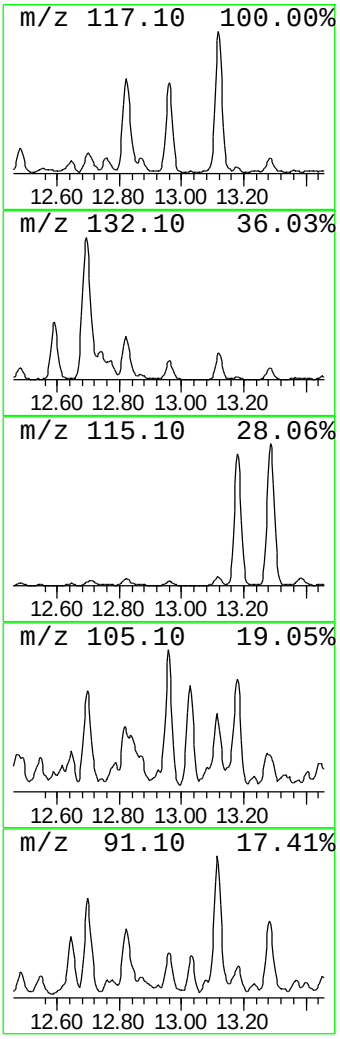
****

Peak Number 22 Benzene, 1-methyl-2-(2-prop... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	6.74 ug/L	381642	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	81
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	81
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	81





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Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

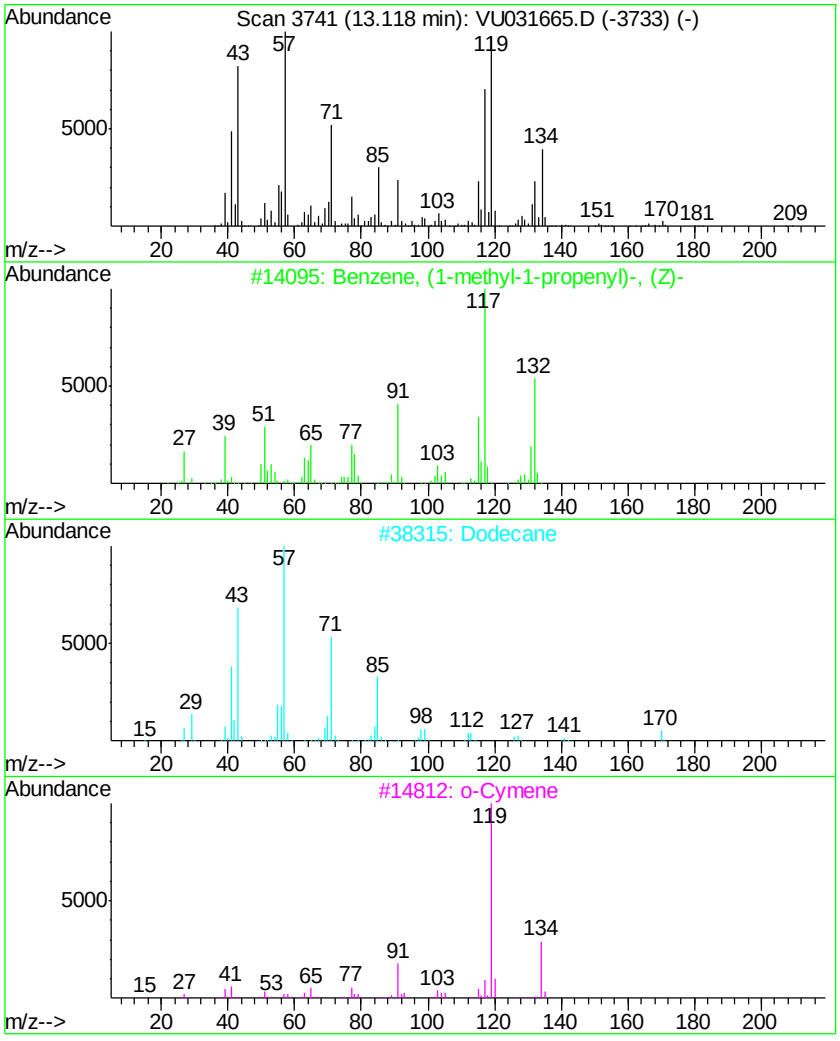
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

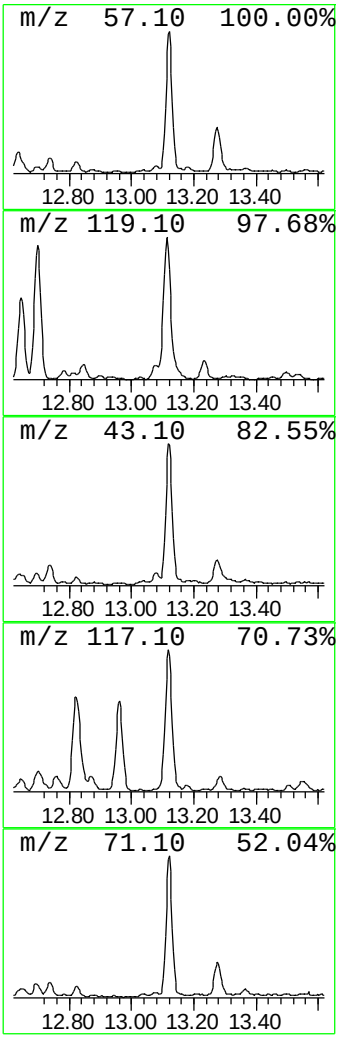
****

Peak Number 23 Benzene, (1-methyl-1-propen... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	32.36 ug/L	1833530	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
2	Dodecane	170	C12H26	000112-40-3	53
3	o-Cymene	134	C10H14	000527-84-4	46
4	o-Cymene	134	C10H14	000527-84-4	46
5	o-Cymene	134	C10H14	000527-84-4	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

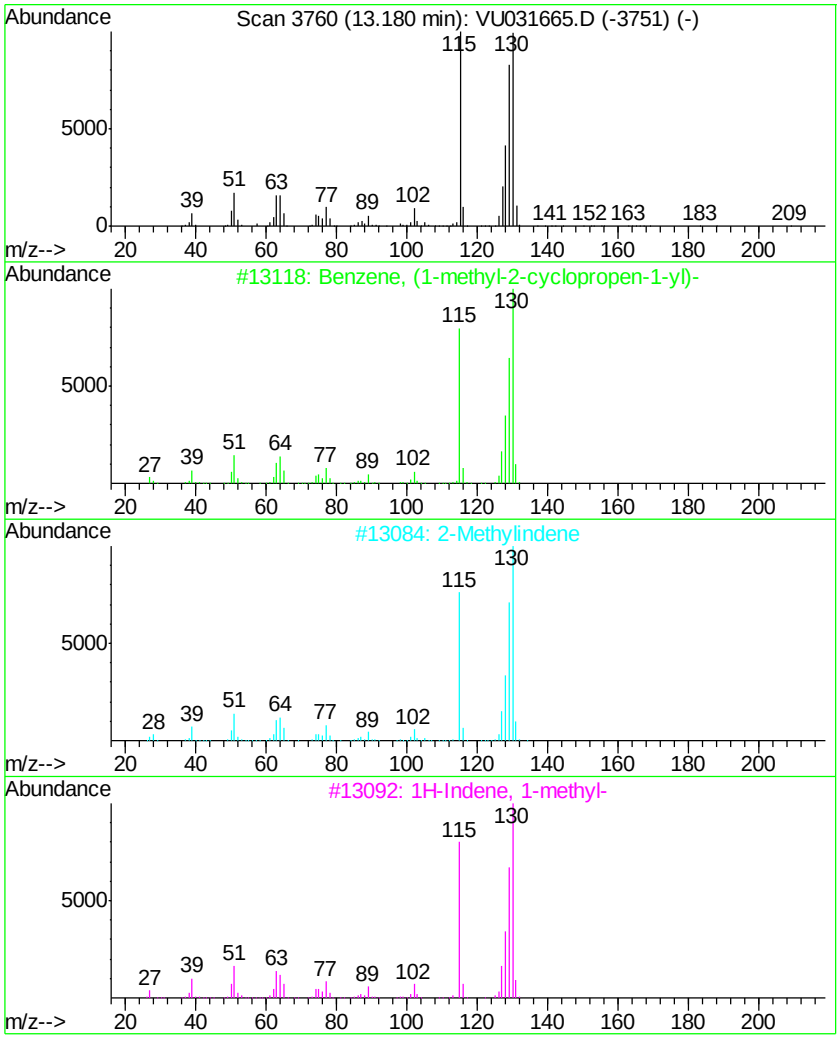
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

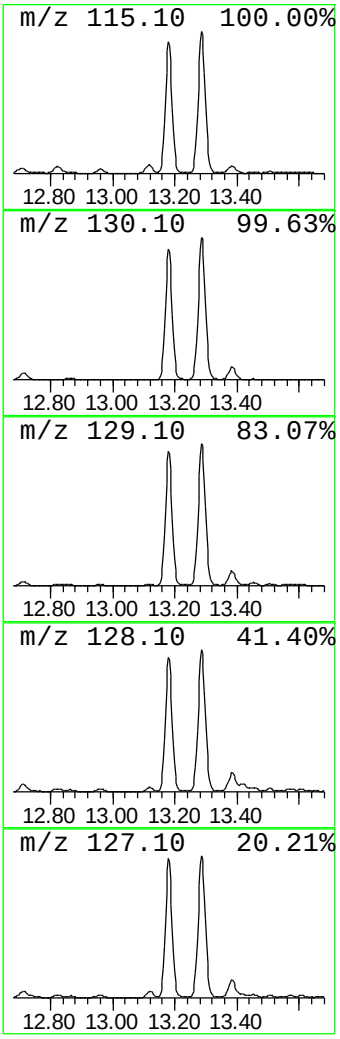
****

Peak Number 24 Benzene, (1-methyl-2-cyclop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	76.73 ug/L	4347750	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2	2-Methylindene	130	C10H10	002177-47-1	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	Cyclopropa[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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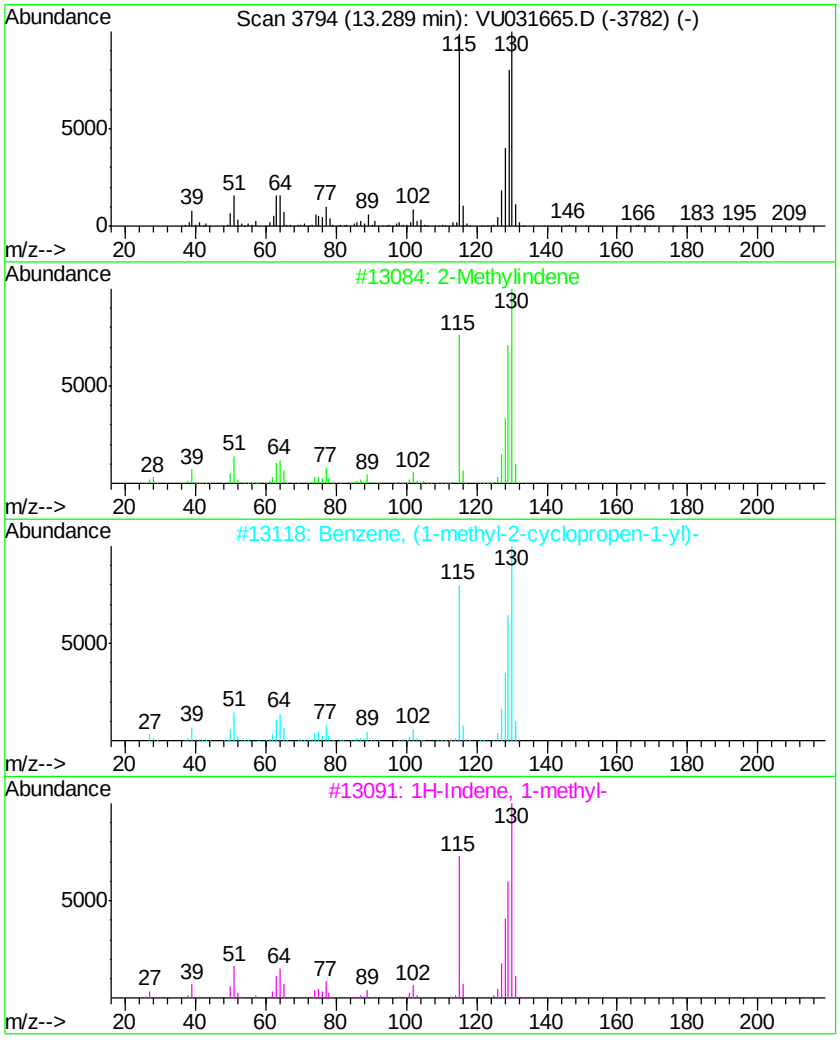
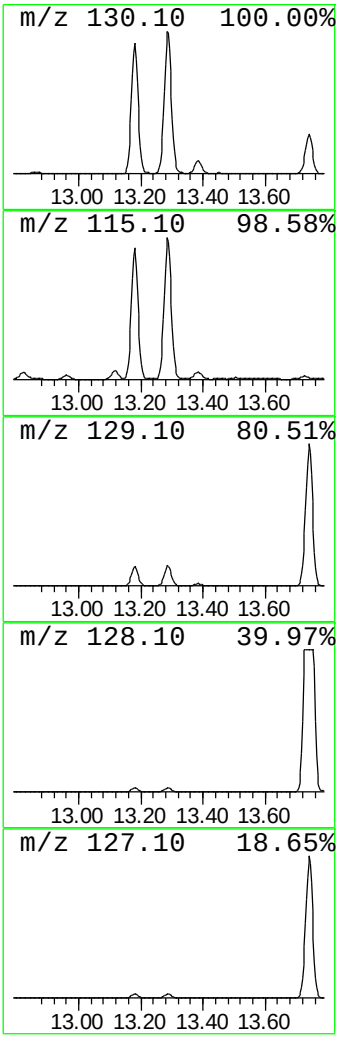
Peak Number 25 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	96.60 ug/L	5473260	1,4-Dichlorobenzene-d4	11.48

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





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Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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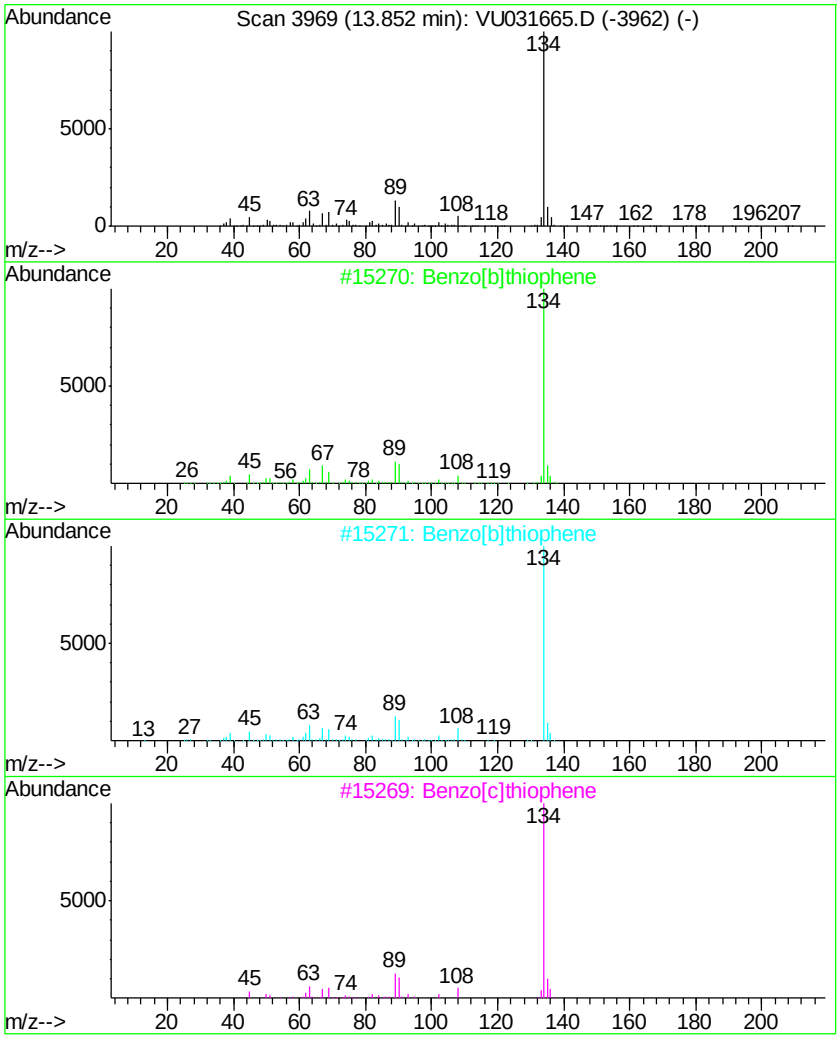
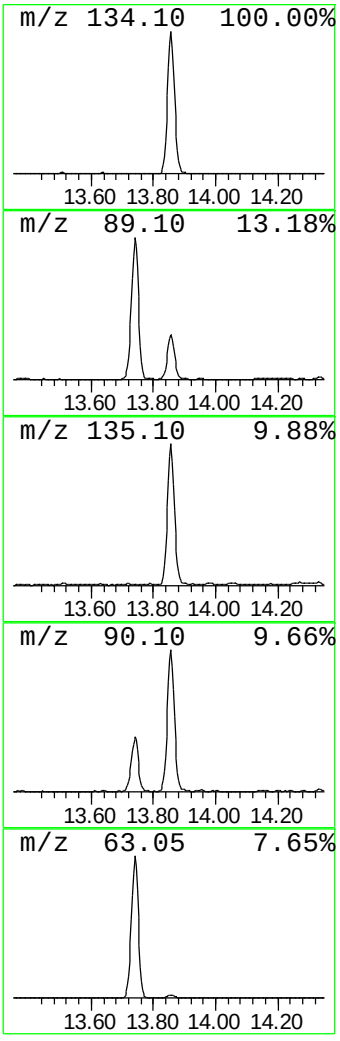
Peak Number 27 Benzo[b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	44.47 ug/L	2519760	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

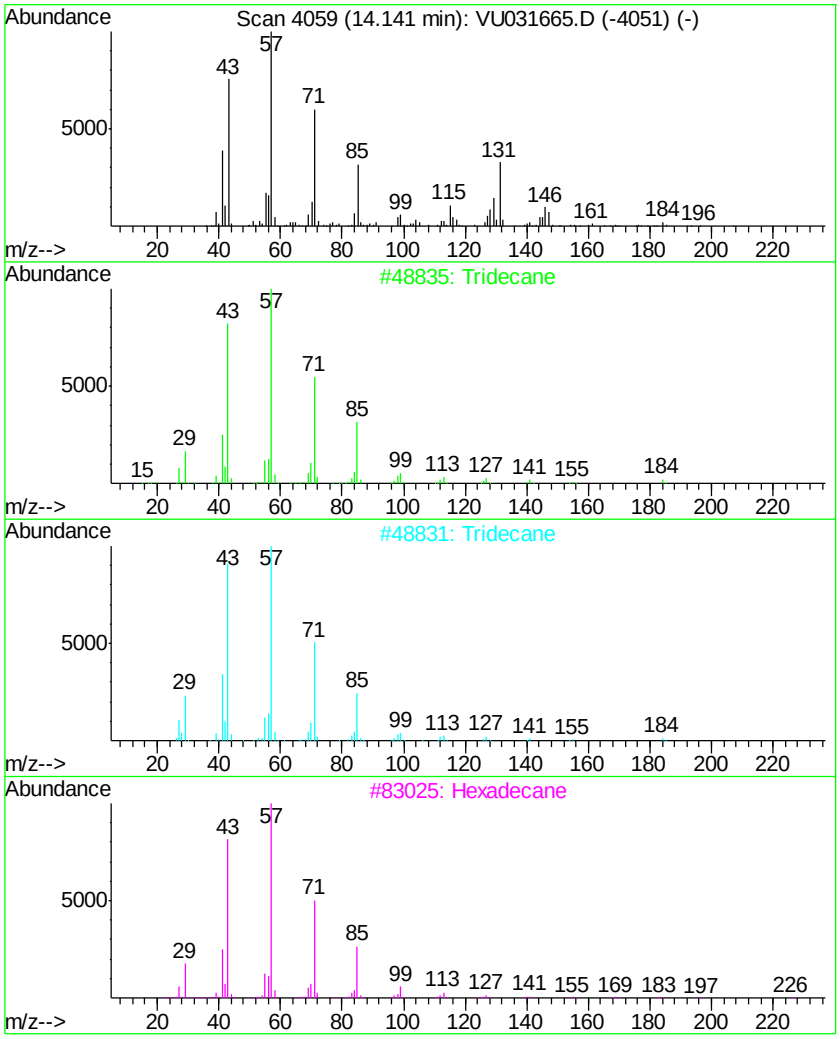
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

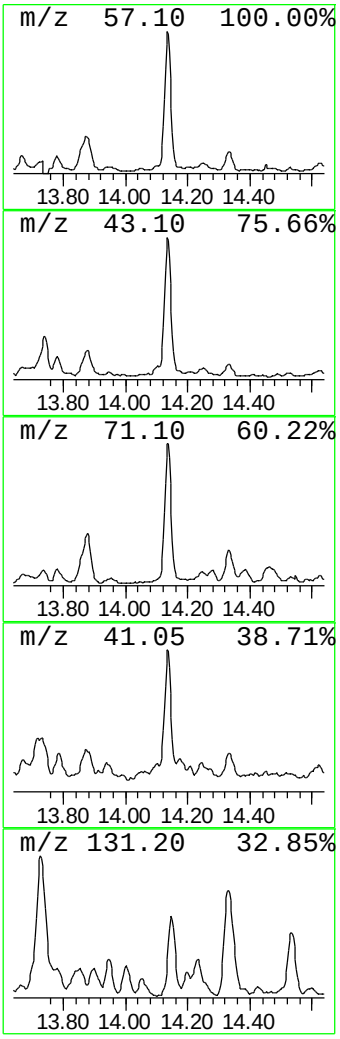
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	11.80 ug/L	668800	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	78
2	Tridecane	184	C13H28	000629-50-5	60
3	Hexadecane	226	C16H34	000544-76-3	49
4	Hexadecane	226	C16H34	000544-76-3	49
5	Dodecane	170	C12H26	000112-40-3	49





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Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

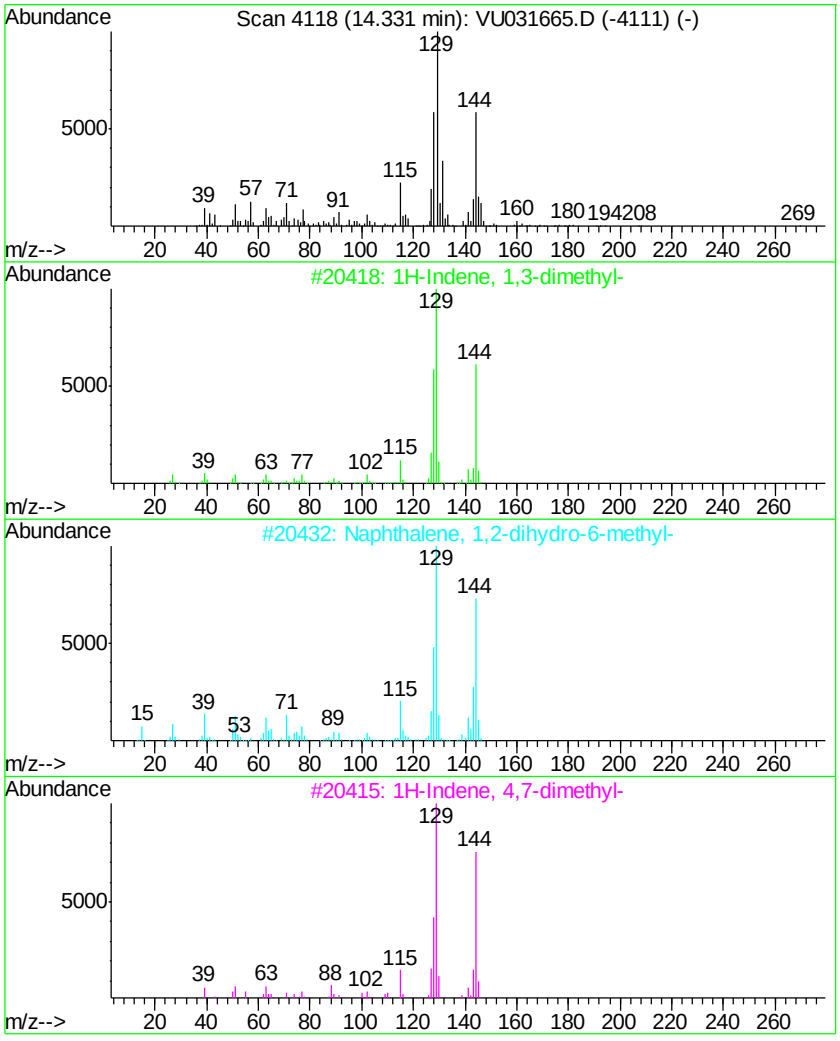
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

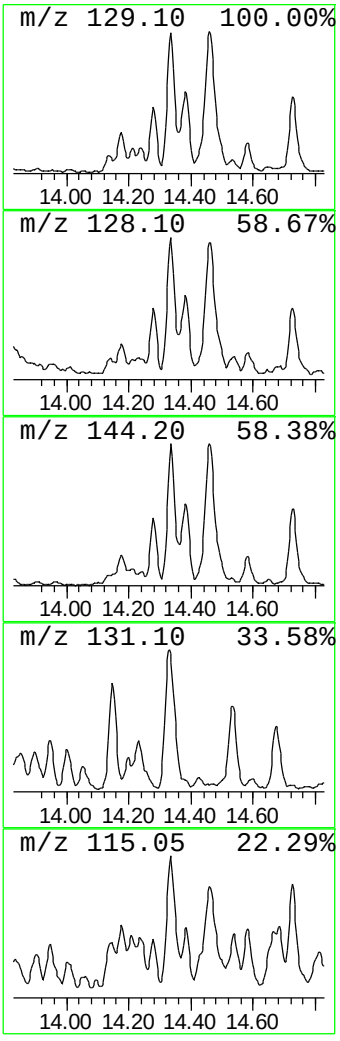
****

Peak Number 29 1H-Indene, 1,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	17.84 ug/L	1010630	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
2	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	90
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	87
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	87
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	81





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Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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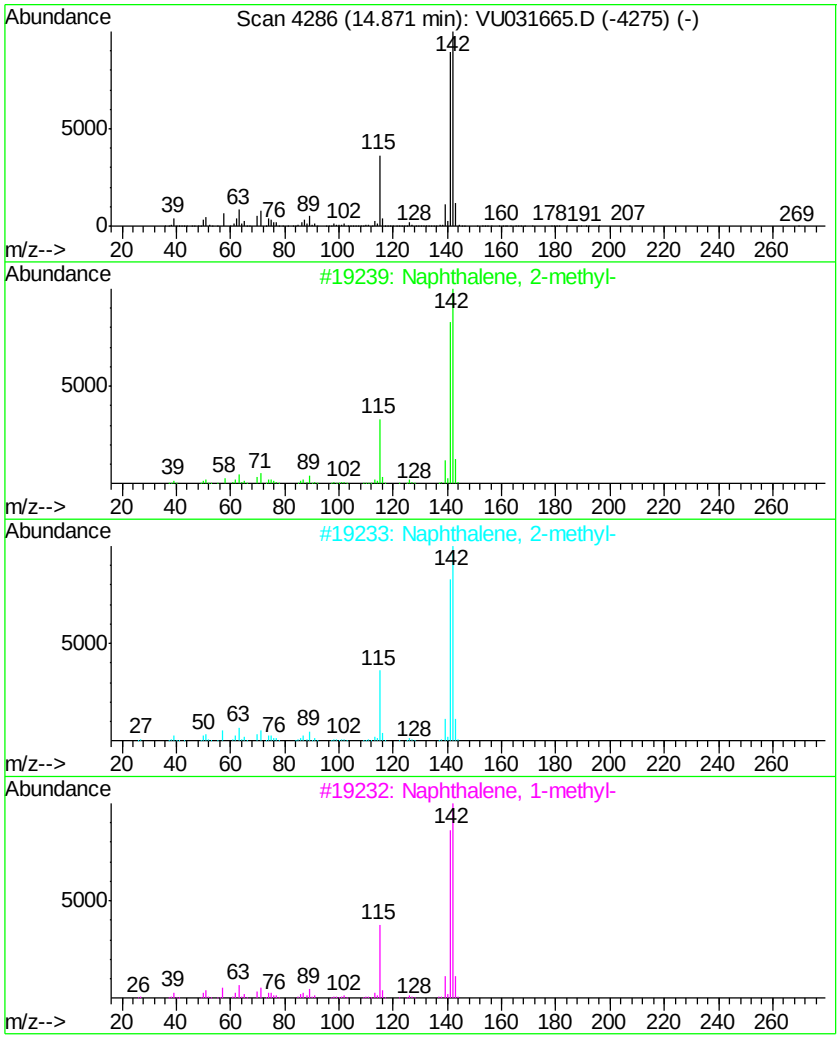
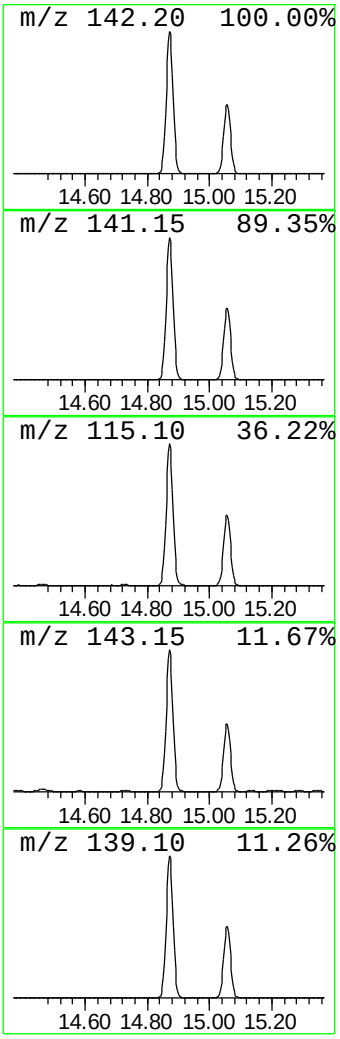
Peak Number 30 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	722.06 ug/L	40911500	1,4-Dichlorobenzene-d4	11.48

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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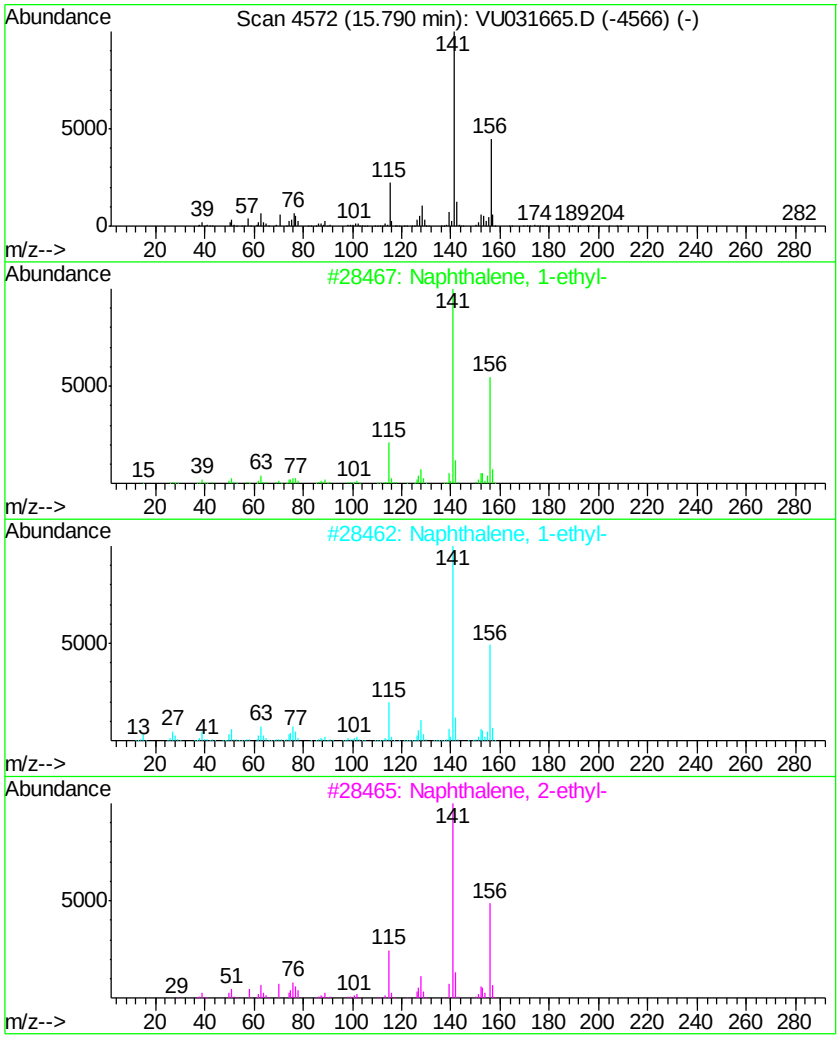
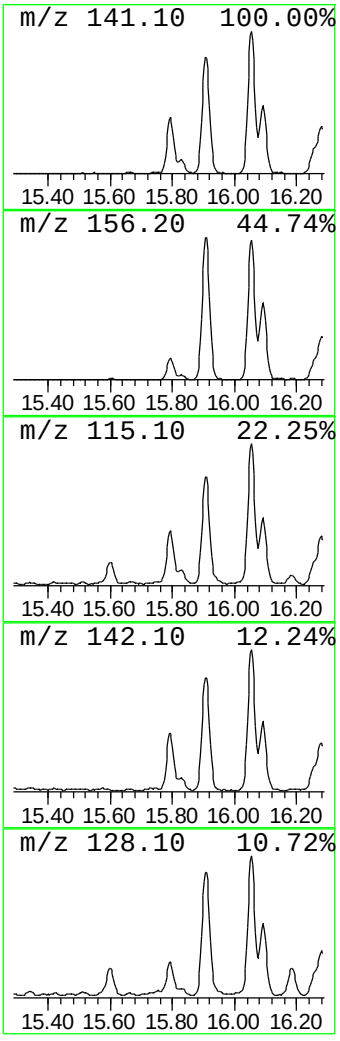
Peak Number 33 Naphthalene, 1-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	26.73 ug/L	1514550	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95





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Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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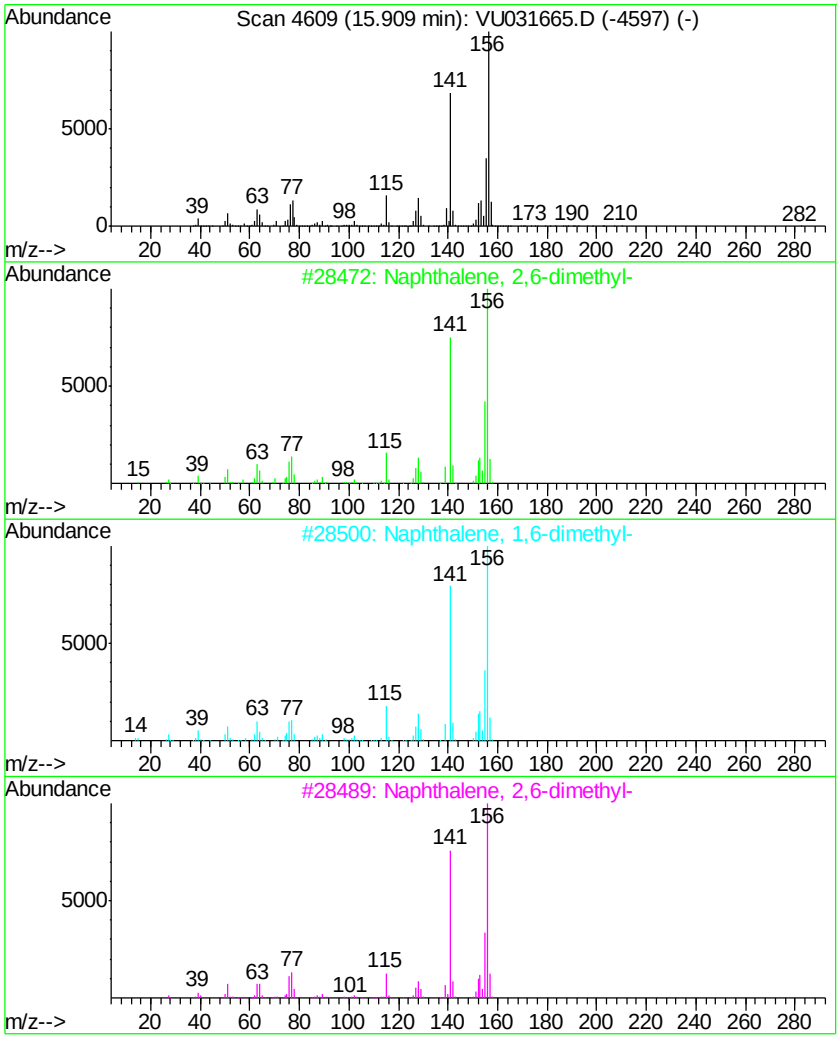
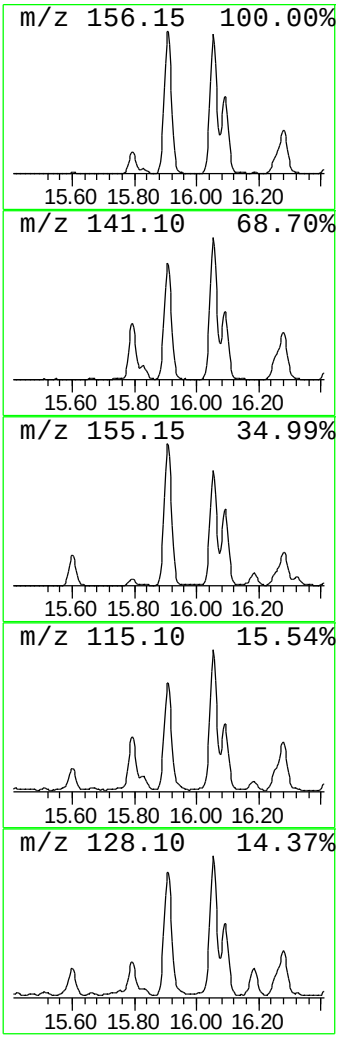
Peak Number 34 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	152.31 ug/L	8630020	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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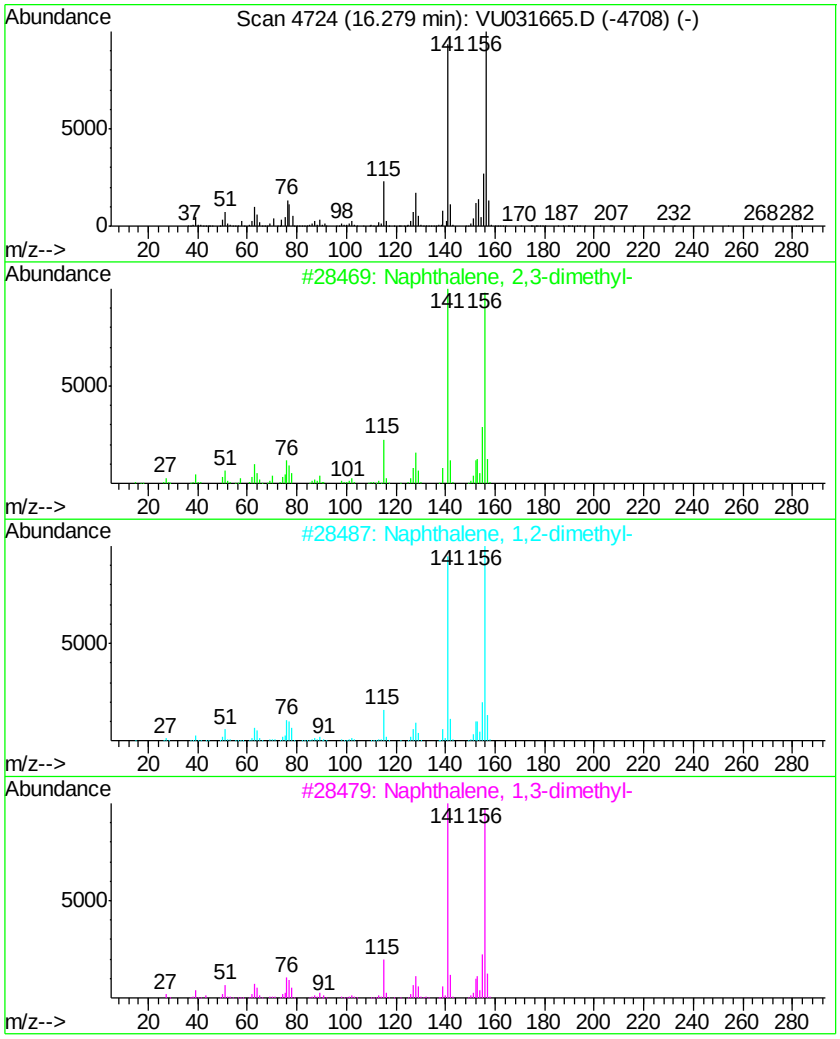
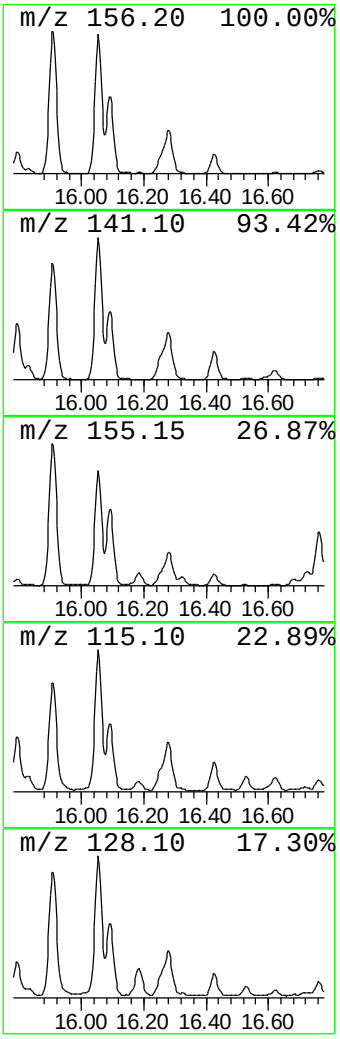
Peak Number 38 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	65.18 ug/L	3693220	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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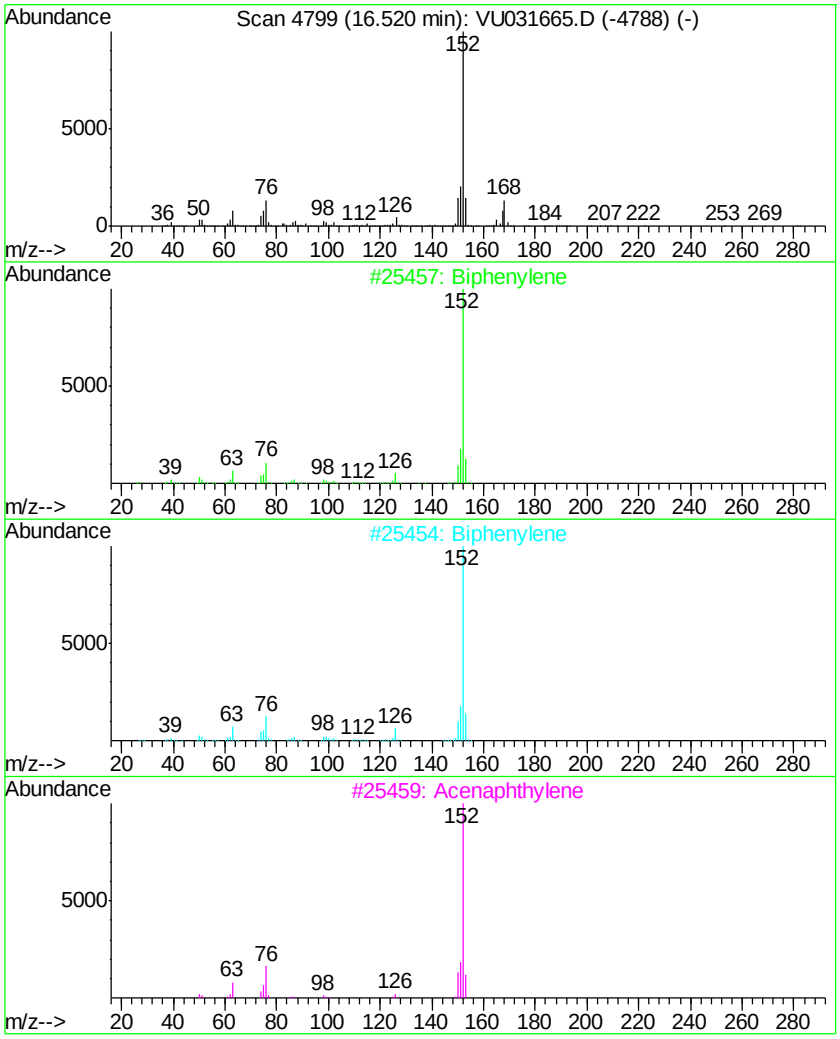
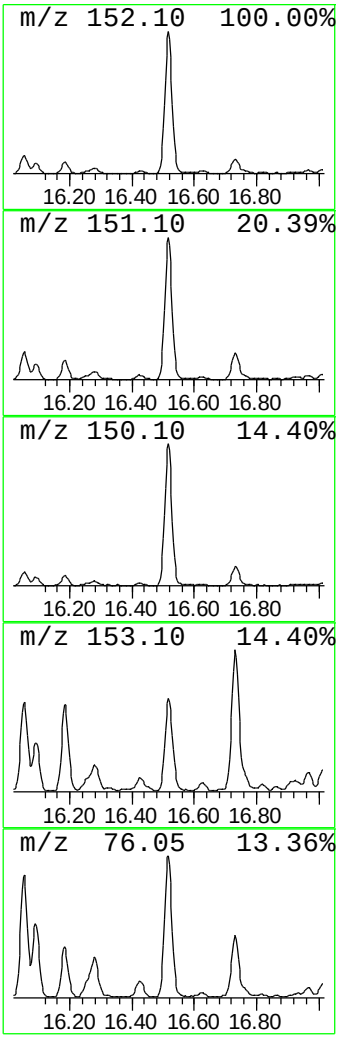
Peak Number 40 Biphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	98.29 ug/L	5568880	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	93
2	Biphenylene	152	C12H8	000259-79-0	90
3	Acenaphthylene	152	C12H8	000208-96-8	76
4	Acenaphthylene	152	C12H8	000208-96-8	74
5	Acenaphthylene	152	C12H8	000208-96-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

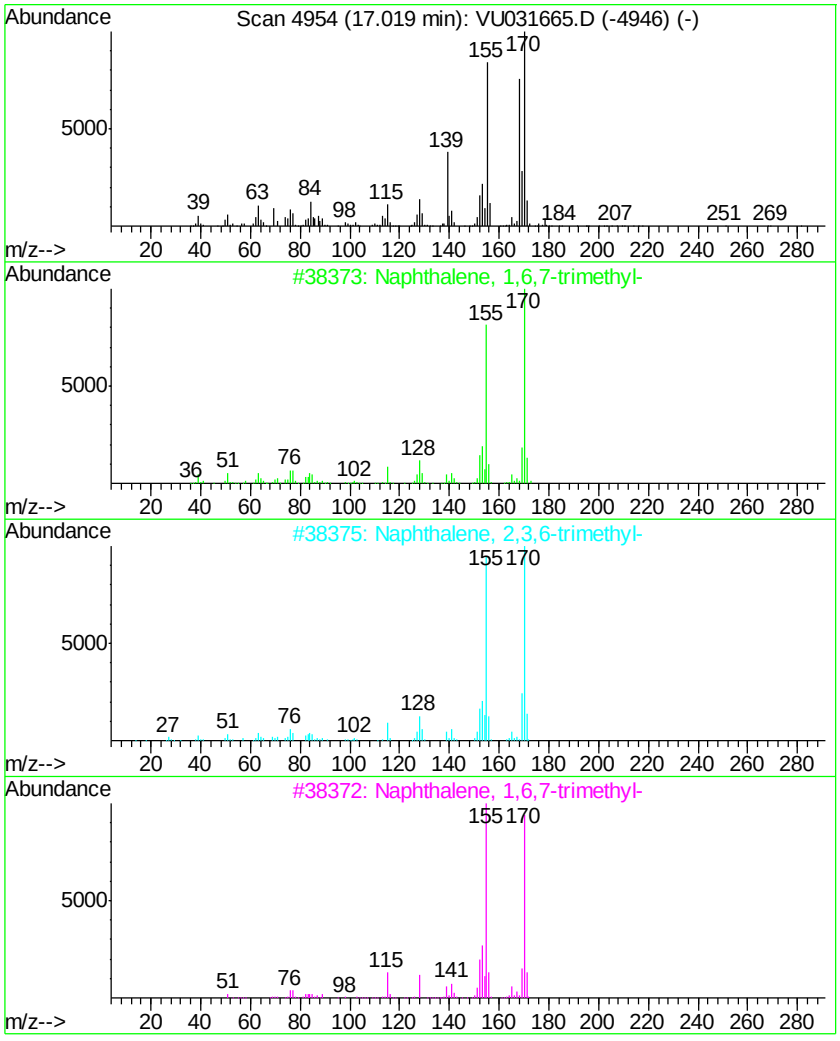
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

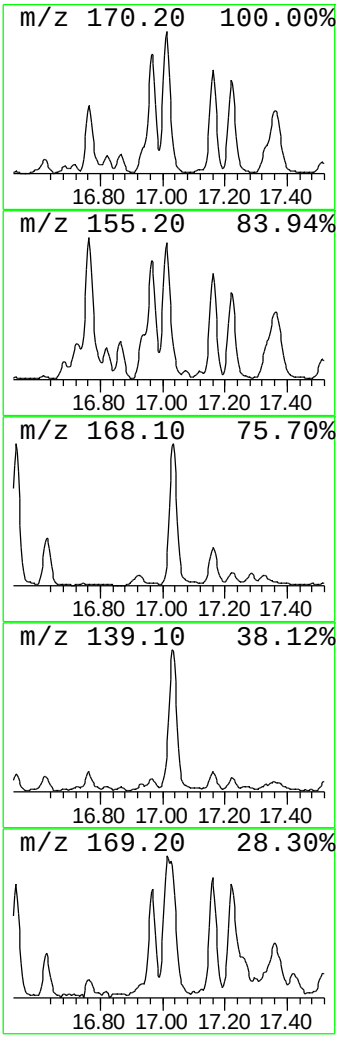
****

Peak Number 42 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	39.41 ug/L	2232700	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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-	10.58	3.0	ug/L	172468	3	11.48	2832990	50.0
Benzene, 1-ethyl-...	10.68	25.9	ug/L	1464410	3	11.48	2832990	50.0
Benzene, 1,2,3-tr...	10.77	26.8	ug/L	1518380	3	11.48	2832990	50.0
(DEL) Alkane: Str...	10.81	10.1	ug/L	573932	3	11.48	2832990	50.0
Benzene, 1-etheny...	11.21	40.8	ug/L	2311260	3	11.48	2832990	50.0
Benzofuran	11.40	32.0	ug/L	1815050	3	11.48	2832990	50.0
Benzene, 1-propenyl-	11.62	9.0	ug/L	508768	3	11.48	2832990	50.0
Indane	11.76	14.6	ug/L	827987	3	11.48	2832990	50.0
Indene	11.98	312.8	ug/L	17722200	3	11.48	2832990	50.0
Benzene, 4-ethyl-...	12.14	2.7	ug/L	153147	3	11.48	2832990	50.0
Benzene, 1-methyl...	12.22	3.9	ug/L	223458	3	11.48	2832990	50.0
Benzene, 2-etheny...	12.42	11.8	ug/L	669366	3	11.48	2832990	50.0
Benzofuran, 2-met...	12.59	11.1	ug/L	628693	3	11.48	2832990	50.0
Benzene, 1,2,4,5-...	12.65	6.5	ug/L	366094	3	11.48	2832990	50.0
Benzofuran, 7-met...	12.70	44.3	ug/L	2511070	3	11.48	2832990	50.0
Benzene, (2-methy...	12.82	8.8	ug/L	498270	3	11.48	2832990	50.0
Benzene, 1-methyl...	12.96	6.7	ug/L	381642	3	11.48	2832990	50.0
Benzene, (1-methy...	13.12	32.4	ug/L	1833530	3	11.48	2832990	50.0
Benzene, (1-methy...	13.18	76.7	ug/L	4347750	3	11.48	2832990	50.0
2-Methylindene	13.29	96.6	ug/L	5473260	3	11.48	2832990	50.0
Benzo[b]thiophene	13.85	44.5	ug/L	2519760	3	11.48	2832990	50.0
(DEL) Alkane: Str...	14.14	11.8	ug/L	668800	3	11.48	2832990	50.0
1H-Indene, 1,3-di...	14.33	17.8	ug/L	1010630	3	11.48	2832990	50.0
Naphthalene, 1-me...	14.87	722.1	ug/L	40911500	3	11.48	2832990	50.0
Naphthalene, 1-et...	15.79	26.7	ug/L	1514550	3	11.48	2832990	50.0
Naphthalene, 2,6-...	15.91	152.3	ug/L	8630020	3	11.48	2832990	50.0
Naphthalene, 2,3-...	16.28	65.2	ug/L	3693220	3	11.48	2832990	50.0
Biphenylene	16.52	98.3	ug/L	5568880	3	11.48	2832990	50.0
Naphthalene, 1,6,...	17.02	39.4	ug/L	2232700	3	11.48	2832990	50.0