LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU043019\
Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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	1.177	24	27	34	rVB2	15853	13939	0.01%	0.004%
2	1.396	88	95	109	rBV	437077	491103	0.49%	0.149%
3	1.678	176	183	193	rBV	364153	455847	0.45%	0.138%
4	2.264	355	365	378	rVB	767153	1171175	1.16%	0.356%
5	2.424	412	415	418	rBV4	1520	1038	0.00%	0.000%
6	2.482	430	433	437	rVV4	1775	1310	0.00%	0.000%
7	2.701	494	501	507	rVB8	4129	5233	0.01%	0.002%
8	2.768	517	522	526	rVB5	1856	1883	0.00%	0.001%
9	2.846	544	546	552	rVB5	2288	1739	0.00%	0.001%
10	2.971	583	585	592	rVB3	1269	1209	0.00%	0.000%
11	3.138	633	637	640	rBV3	1036	1058	0.00%	0.000%
12	3.293	682	685	688	rVV4	1569	1304	0.00%	0.000%
13	3.360	703	706	711	rBV3	1448	1210	0.00%	0.000%
14	3.399	712	718	721	rVV5	1412	1560	0.00%	0.000%
15	3.457	733	736	741	rVV5	1458	1109	0.00%	0.000%
16	3.492	743	747	752	rBV6	1161	1268	0.00%	0.000%
17	3.588	773	777	782	rBV4	1396	1350	0.00%	0.000%
18	3.887	864	870	874	rBV4	1404	1705	0.00%	0.001%
19	4.193	948	965	997	rBV	303855	1039075	1.03%	0.316%
20	4.640	1087	1104	1130	rBV	544654	1314790	1.31%	0.399%
21	4.881	1176	1179	1186	rVB7	2249	2619	0.00%	0.001%
22	4.981	1202	1210	1217	rBV7	2491	4129	0.00%	0.001%
23	5.334	1294	1320	1331	rBV2	1175548	3469782	3.45%	1.054%
24	5.617	1402	1408	1410	rBV5	3516	3944	0.00%	0.001%
25	5.778	1454	1458	1467	rVB10	3424	4735	0.00%	0.001%
26	5.881	1475	1490	1527	rBV	1194700	2467399	2.45%	0.750%
27	6.177	1571	1582	1594	rBV9	18231	44316	0.04%	0.013%
28	6.325	1614	1628	1651	rBV	774028	1600424	1.59%	0.486%
29	6.550	1695	1698	1701	rVB4	2072	1103	0.00%	0.000%
30	6.575	1701	1706	1711	rBV6	1308	1174	0.00%	0.000%
31	6.608	1711	1716	1719	rBV5	1488	1514	0.00%	0.000%
32	6.627	1719	1722	1724	rBV4	1530	1036	0.00%	0.000%
33	6.698	1739	1744	1747	rVB5	2036	1617	0.00%	0.000%
34	6.723	1747	1752	1756	rBV6	2292	2396	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU043019\
Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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	7.038	1844	1850	1852	rBV5	1587	1305	0.00%	0.000%
36	7.103	1862	1870	1871	rBV5	1312	1658	0.00%	0.001%
37	7.177	1885	1893	1896	rBV7	4761	5866	0.01%	0.002%
38	7.225	1896	1908	1938	rVV	397983	757803	0.75%	0.230%
39	7.460	1979	1981	1985	rVB5	2464	1385	0.00%	0.000%
40	7.562	1996	2013	2024	rBV	1434590	2544585	2.53%	0.773%
41	7.633	2025	2035	2070	rVB	2133868	3902197	3.88%	1.185%
42	7.849	2093	2102	2116	rVB	257336	438369	0.44%	0.133%
43	8.218	2210	2217	2220	rBV7	2816	3407	0.00%	0.001%
44	8.318	2236	2248	2286	rBV	1208264	2397895	2.38%	0.728%
45	8.537	2310	2316	2328	rBV7	10761	19099	0.02%	0.006%
46	8.601	2330	2336	2344	rBV6	10322	14802	0.01%	0.004%
47	8.906	2424	2431	2440	rVB2	20085	33745	0.03%	0.010%
48	9.029	2464	2469	2475	rVB5	14669	19295	0.02%	0.006%
49	9.087	2475	2487	2522	rBV	1707809	2994867	2.98%	0.910%
50	9.247	2526	2537	2559	rBV	448791	775951	0.77%	0.236%
51	9.369	2562	2575	2591	rBV	3916485	6643107	6.61%	2.018%
52	9.543	2620	2629	2649	rVB6	37476	82909	0.08%	0.025%
53	9.781	2691	2703	2739	rVB4	2672725	5596958	5.57%	1.700%
54	9.948	2750	2755	2765	rVB3	49572	68781	0.07%	0.021%
55	10.431	2894	2905	2918	rBV	1045489	1743548	1.73%	0.530%
56	10.585	2945	2953	2963	rBV	107621	167160	0.17%	0.051%
57	10.678	2972	2982	2998	rBV	722456	1594837	1.59%	0.484%
58	10.768	2999	3010	3017	rVV	990348	1659940	1.65%	0.504%
59	10.810	3018	3023	3038	rVB	416158	590963	0.59%	0.180%
60	10.971	3064	3073	3074	rBV2	247032	280996	0.28%	0.085%
61	11.144	3110	3127	3139	rBV	2945788	4712379	4.69%	1.431%
62	11.212	3139	3148	3157	rVV	1704608	2591449	2.58%	0.787%
63	11.260	3157	3163	3176	rVB	589564	902872	0.90%	0.274%
64	11.398	3195	3206	3221	rBV	1166112	2020212	2.01%	0.614%
65	11.479	3222	3231	3243	rVV	1810661	2825565	2.81%	0.858%
66	11.566	3250	3258	3267	rBV	930520	1380473	1.37%	0.419%
67	11.623	3270	3276	3292	rVB	348677	554896	0.55%	0.169%
68	11.762	3310	3319	3328	rBV	549521	931503	0.93%	0.283%
69	11.858	3339	3349	3366	rVB2	1648243	2957100	2.94%	0.898%
70	11.977	3374	3386	3396	rBV	12585656	19733092	19.62%	5.994%
71	12.144	3431	3438	3441	rBV2	157651	213219	0.21%	0.065%

LSC Area Percent Report

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Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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	12.218	3455	3461	3465	rBV2	210843	304339	0.30%	0.092%
73	12.421	3518	3524	3535	rVB	507016	768763	0.76%	0.234%
74	12.591	3570	3577	3587	rBV3	378402	685564	0.68%	0.208%
75	12.643	3589	3593	3600	rVV2	300680	377851	0.38%	0.115%
76	12.694	3600	3609	3629	rVV3	1390513	2829730	2.81%	0.860%
77	12.820	3642	3648	3659	rBV3	358132	535846	0.53%	0.163%
78	12.958	3685	3691	3705	rVB2	284388	429625	0.43%	0.131%
79	13.119	3733	3741	3750	rBV2	1402386	2049256	2.04%	0.622%
80	13.180	3751	3760	3773	rVB	3315776	4992554	4.96%	1.517%
81	13.286	3782	3793	3811	rBV	3733927	6246881	6.21%	1.898%
82	13.742	3921	3935	3958	rVV2	57103227	100561113	100.00%	30.547%
83	13.855	3962	3970	3992	rVB	1621472	2830803	2.82%	0.860%
84	14.135	4051	4057	4065	rBV2	554769	794228	0.79%	0.241%
85	14.334	4110	4119	4128	rBV2	698277	1263474	1.26%	0.384%
86	14.871	4275	4286	4312	rVB	30243490	47834825	47.57%	14.531%
87	15.054	4332	4343	4361	rBV	15583914	24641110	24.50%	7.485%
88	15.601	4504	4513	4524	rVB	2496078	3845455	3.82%	1.168%
89	15.794	4566	4573	4580	rBV	1069768	1475339	1.47%	0.448%
90	15.906	4597	4608	4623	rBV	5617008	9790224	9.74%	2.974%
91	16.054	4644	4654	4660	rBV	5914037	9130150	9.08%	2.773%
92	16.089	4661	4665	4681	rVB	3215286	4624045	4.60%	1.405%
93	16.183	4686	4694	4706	rVB	1230956	1929869	1.92%	0.586%
94	16.279	4708	4724	4746	rVB	1795826	4424677	4.40%	1.344%
95	16.424	4762	4769	4783	rVB	913053	1372598	1.36%	0.417%
96	16.517	4788	4798	4816	rVB2	3699988	6595917	6.56%	2.004%
97	16.733	4858	4865	4870	rBV	668612	952962	0.95%	0.289%
98	17.025	4946	4956	4976	rVB3	987602	2564069	2.55%	0.779%
99	17.160	4991	4998	5008	rVB	770662	1195705	1.19%	0.363%
100	17.221	5010	5017	5028	rVB	571031	874729	0.87%	0.266%

Sum of corrected areas: 329200982

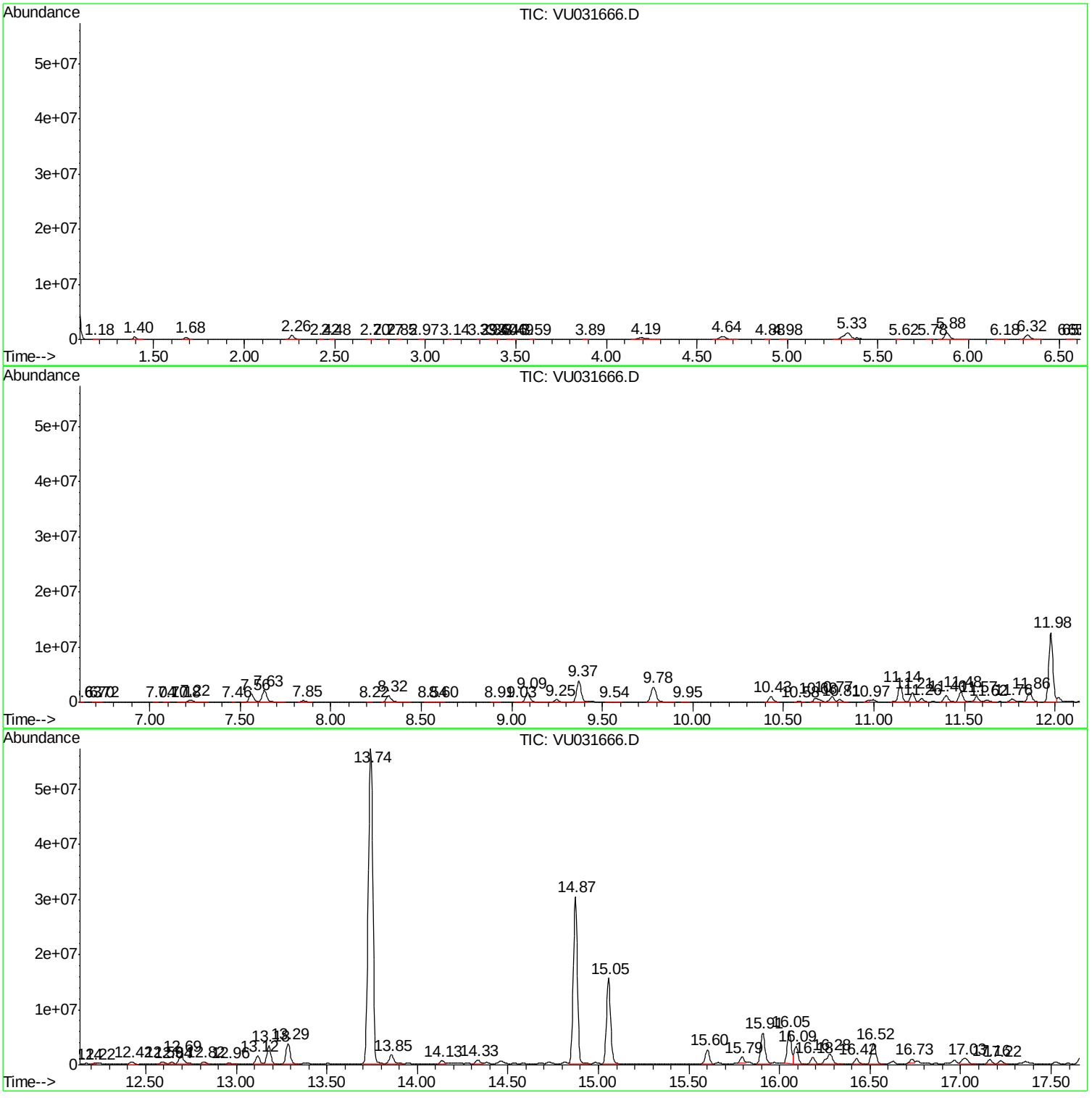
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU043019\
Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU043019\
Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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

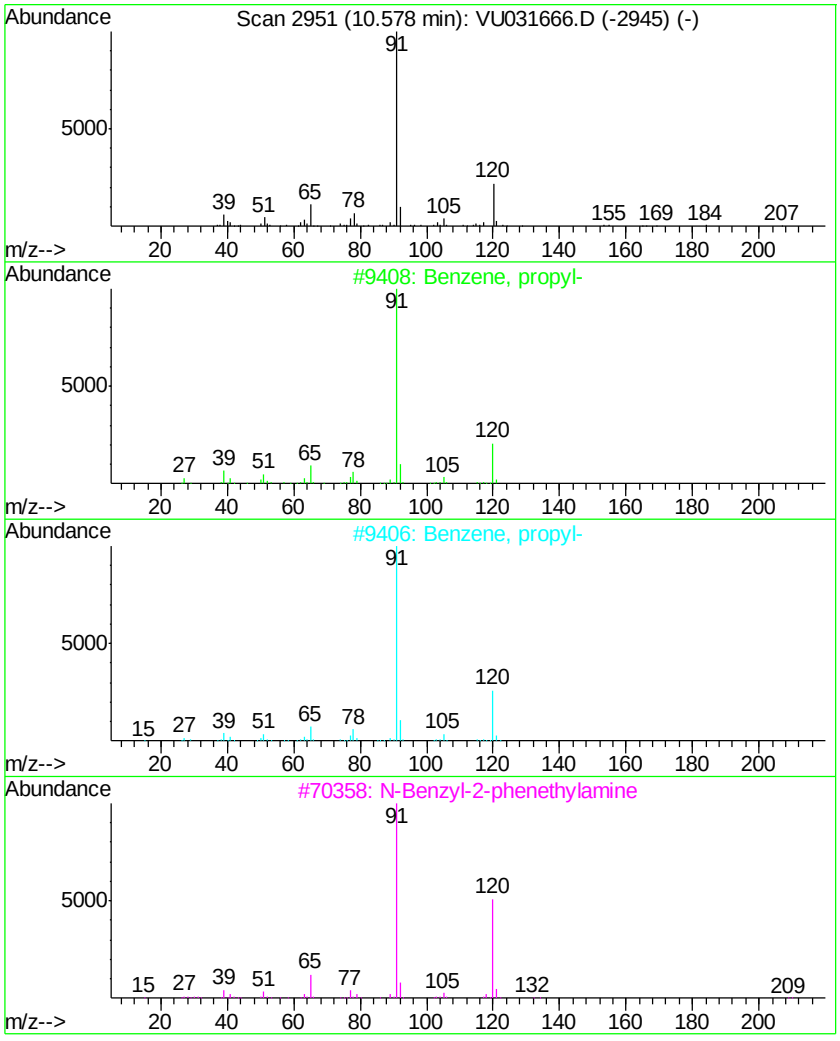
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

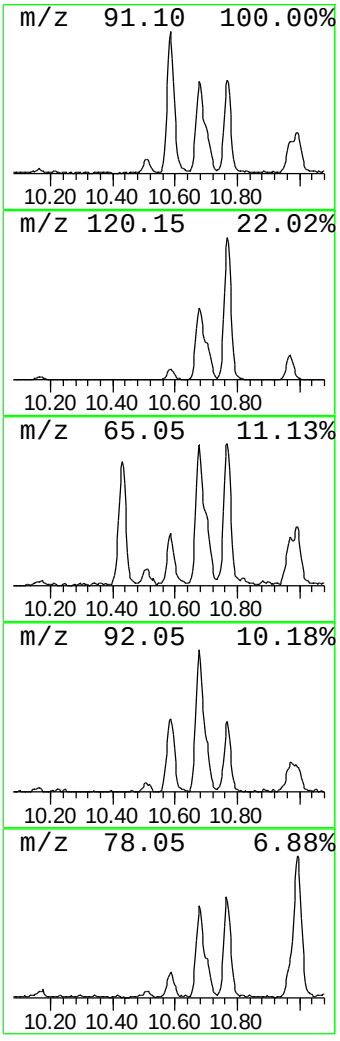
****

Peak Number 2 Benzene, propyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.96 ug/L	167160	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	87
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	64





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU043019\
Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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

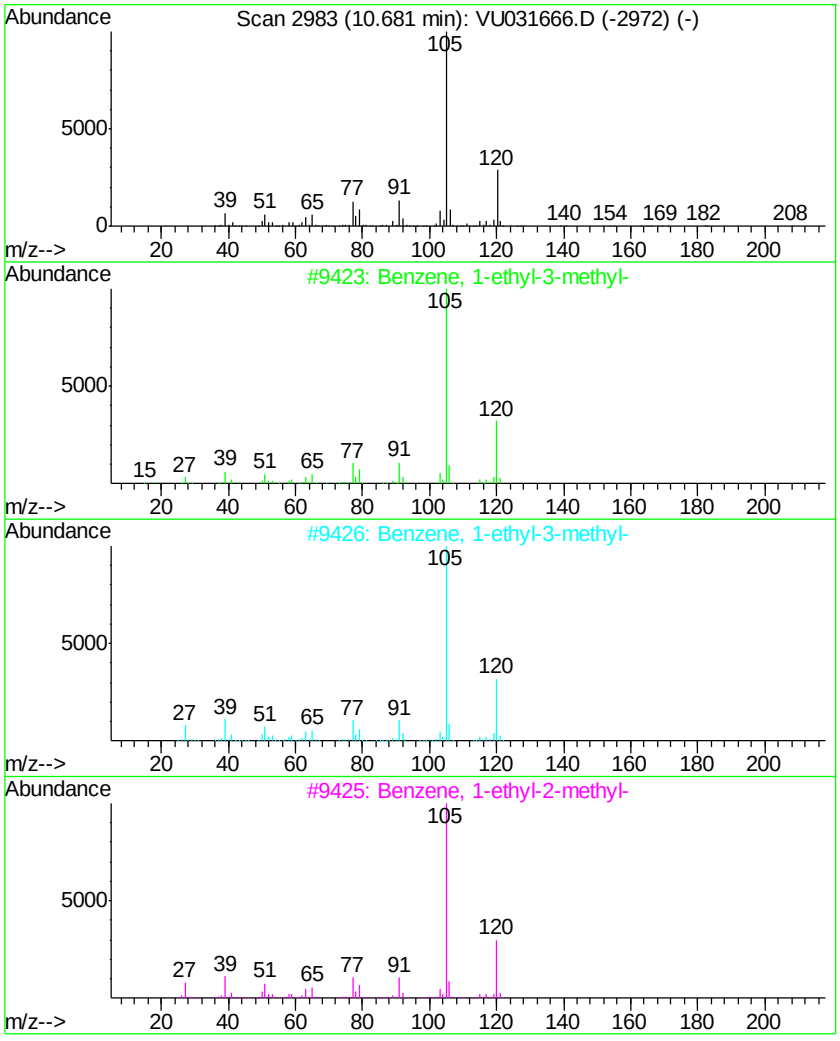
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

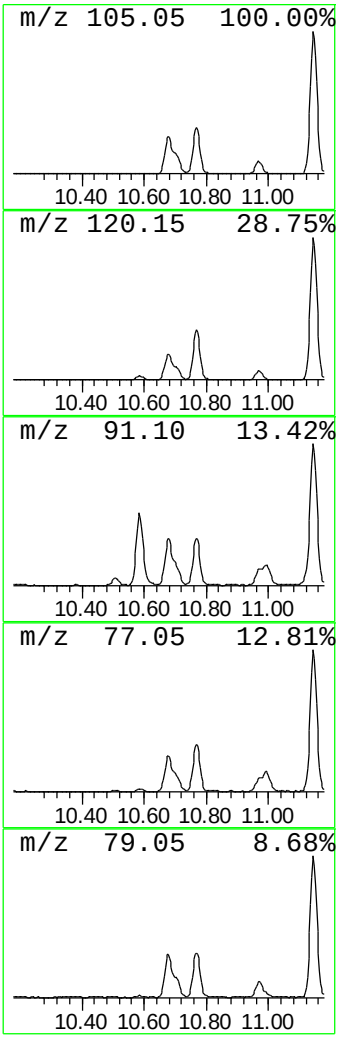
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	28.22 ug/L	1594840	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	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU043019\
Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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

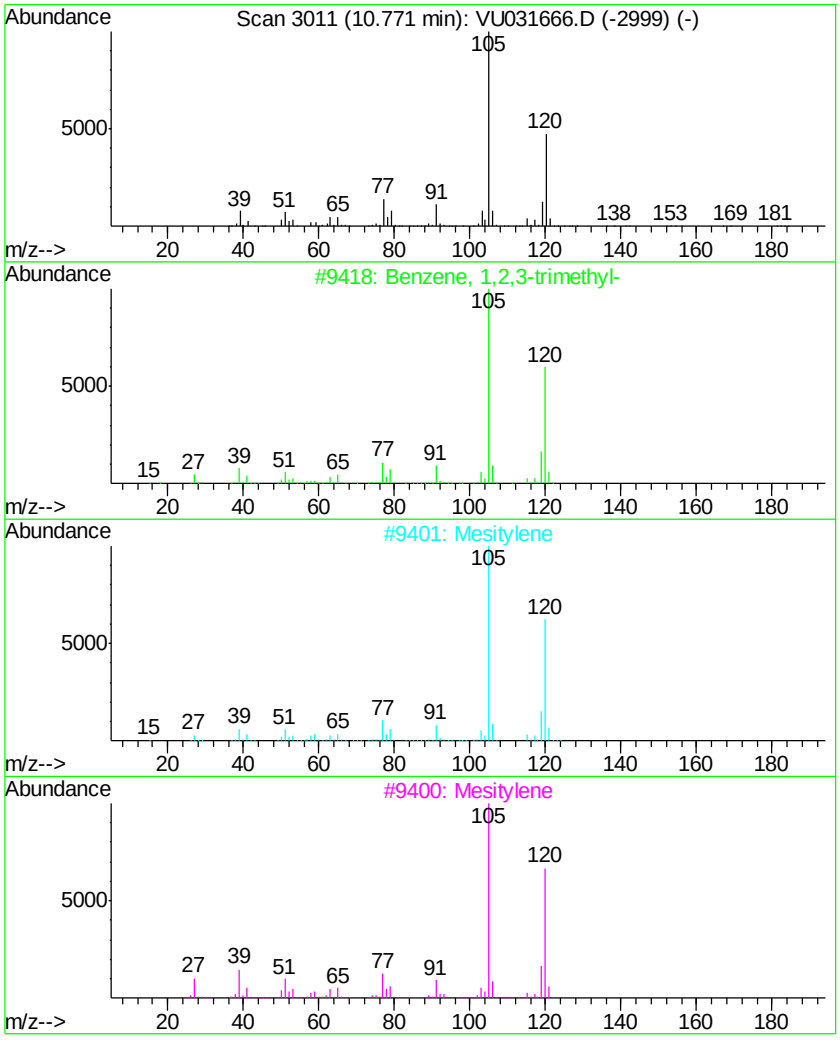
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

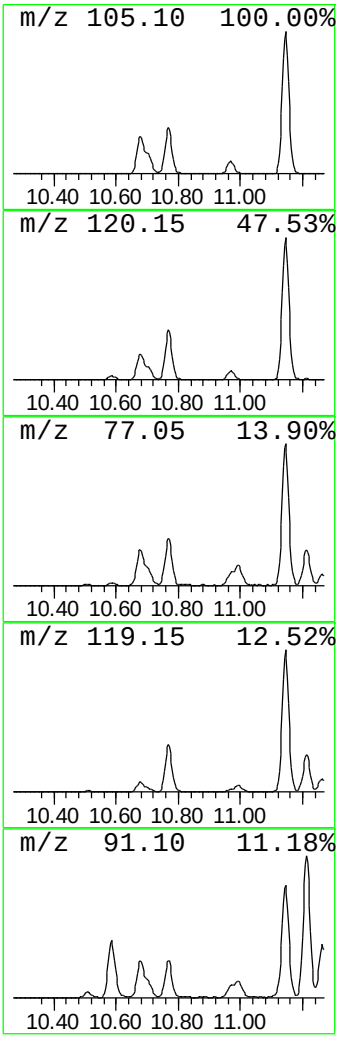
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	29.37 ug/L	1659940	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	95
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





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU043019\
Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

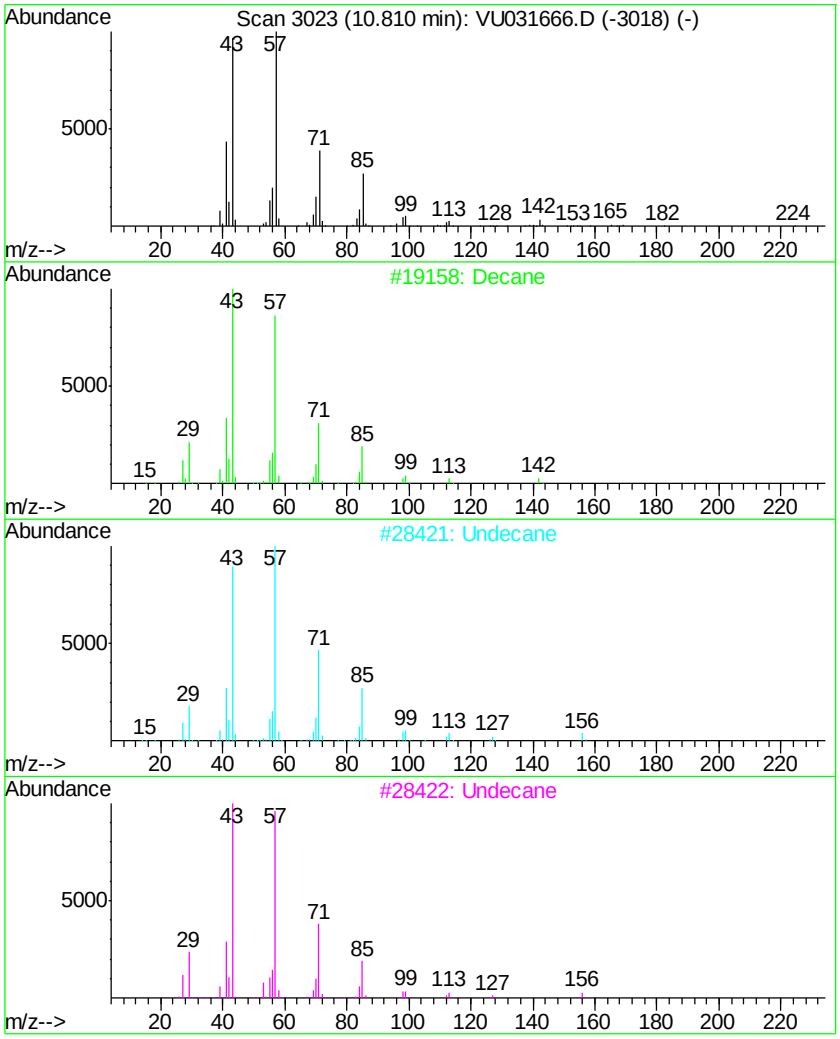
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

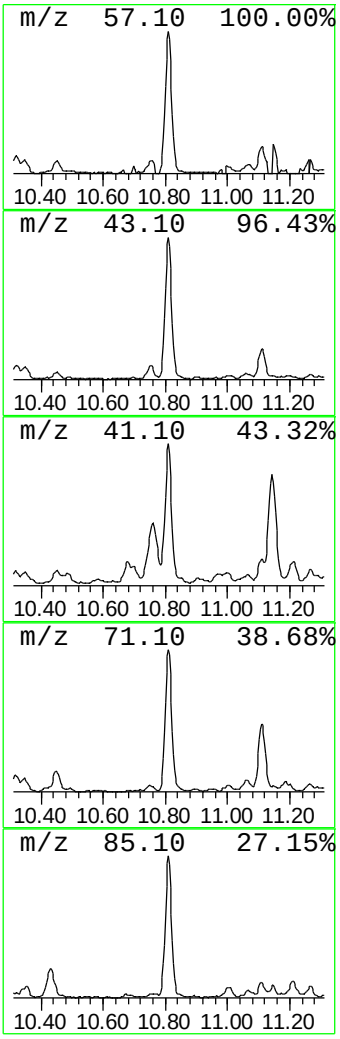
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	10.46 ug/L	590963	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Undecane	156	C11H24	001120-21-4	83
3	Undecane	156	C11H24	001120-21-4	78
4	Octane	114	C8H18	000111-65-9	72
5	Nonane	128	C9H20	000111-84-2	72





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU043019\
Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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

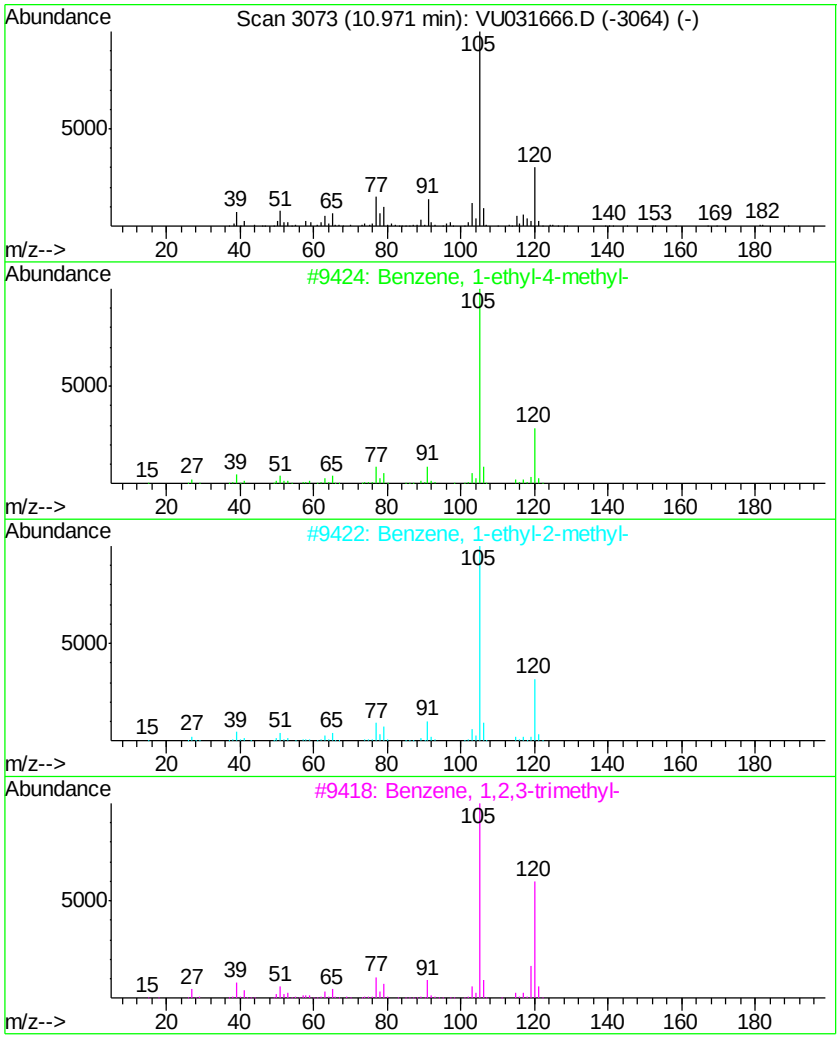
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

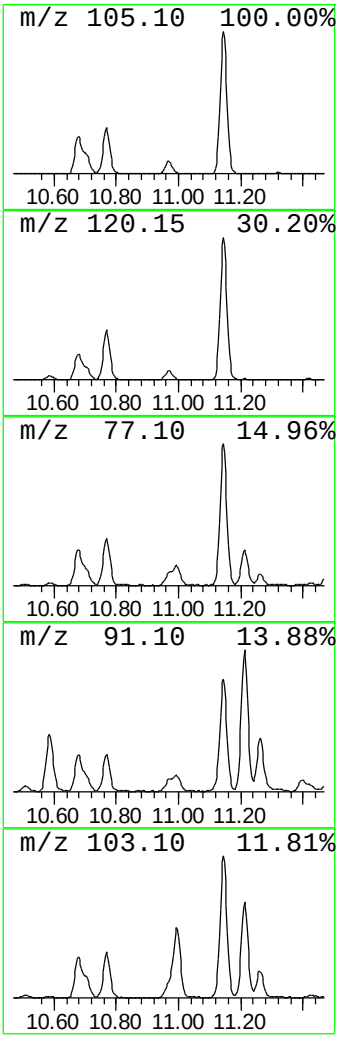
****

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	4.97 ug/L	280996	1,4-Dichlorobenzene-d4	11.48

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-2-methyl-	120	C9H12	000611-14-3	90
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Mesitylene	120	C9H12	000108-67-8	87





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU043019\
Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

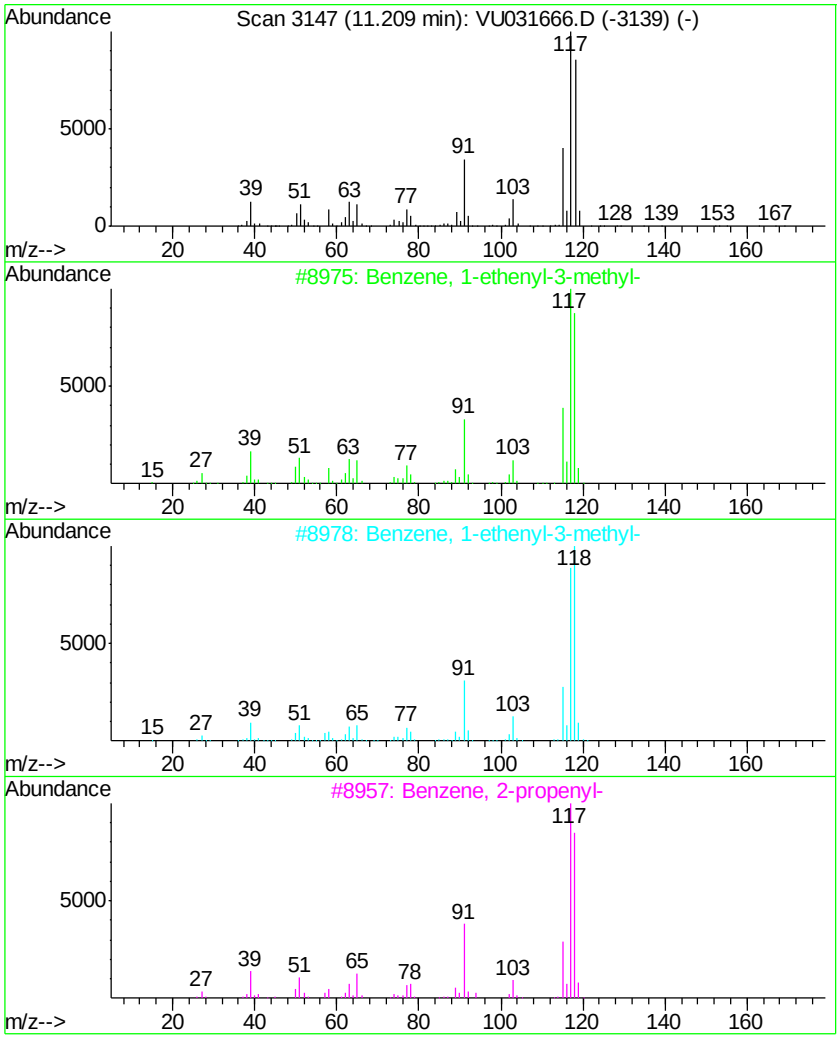
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

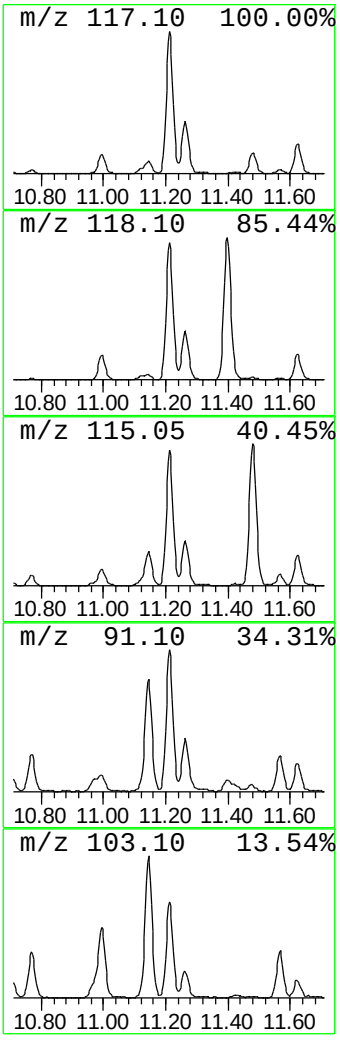
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	45.86 ug/L	2591450	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, 2-propenyl-	118	C9H10	000300-57-2	95
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94





Library Search Compound Report

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Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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

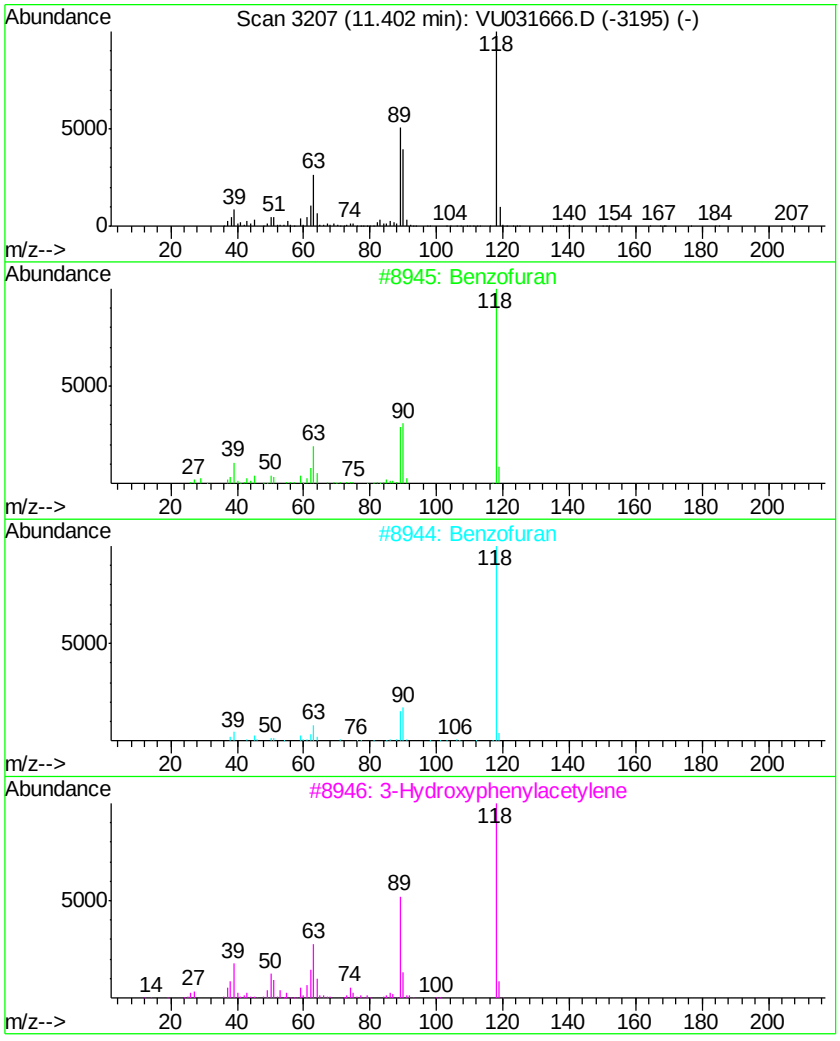
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

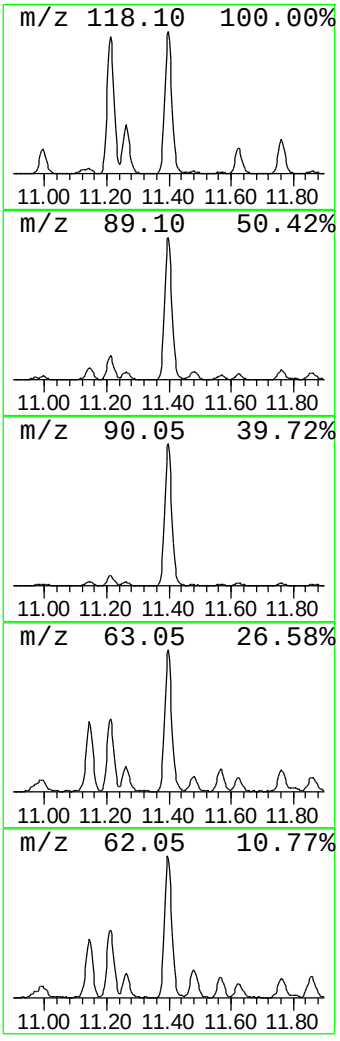
****

Peak Number 10 Benzofuran Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	35.75 ug/L	2020210	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	95
2	Benzofuran	118	C8H6O	000271-89-6	87
3	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	83
4	Benzofuran	118	C8H6O	000271-89-6	83
5	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	50





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Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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

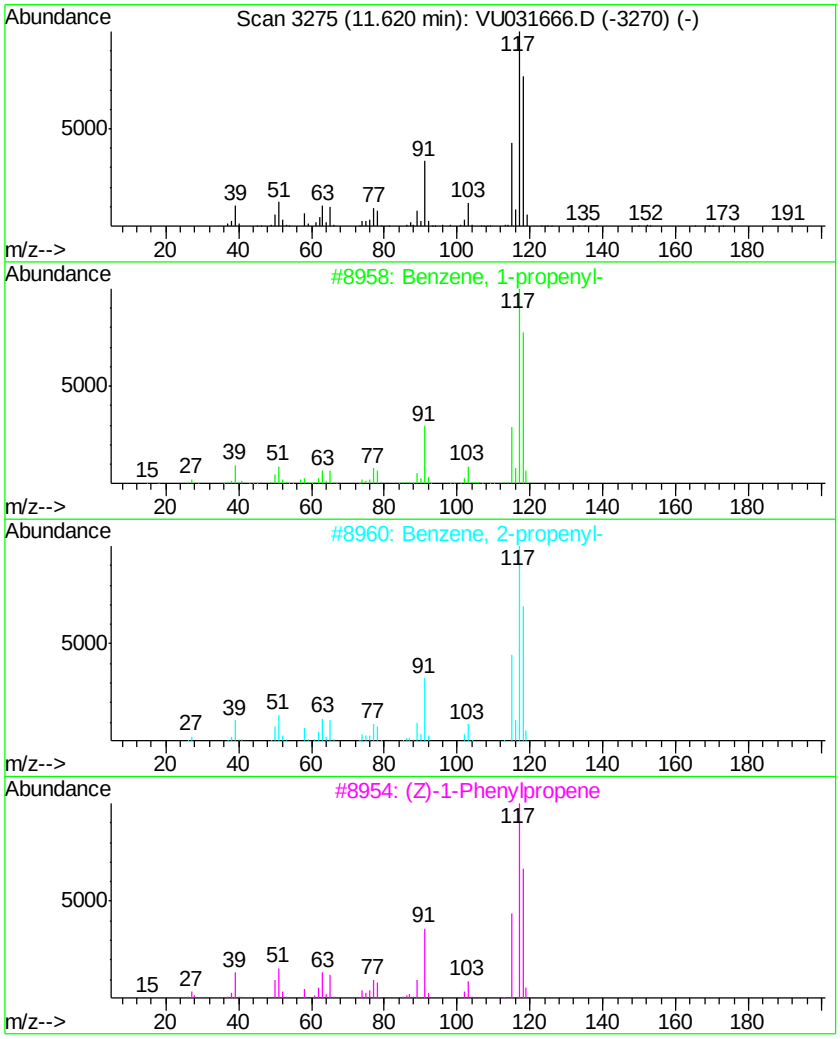
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

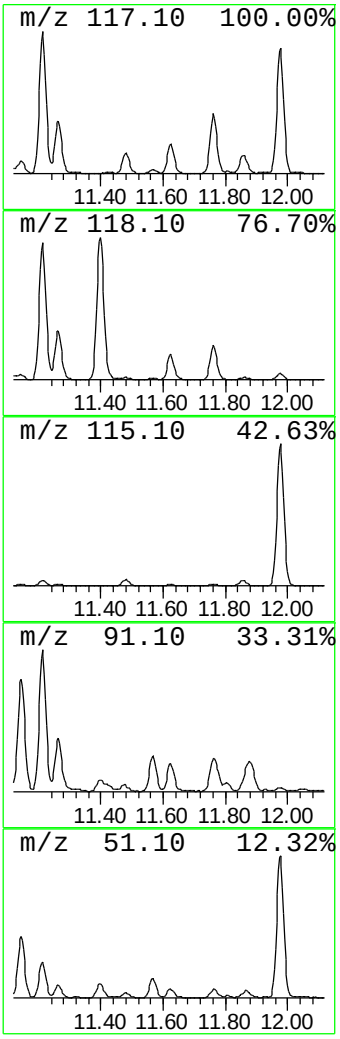
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	9.82 ug/L	554896	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, 2-propenyl-	118	C9H10	000300-57-2	95
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	95
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94





Library Search Compound Report

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Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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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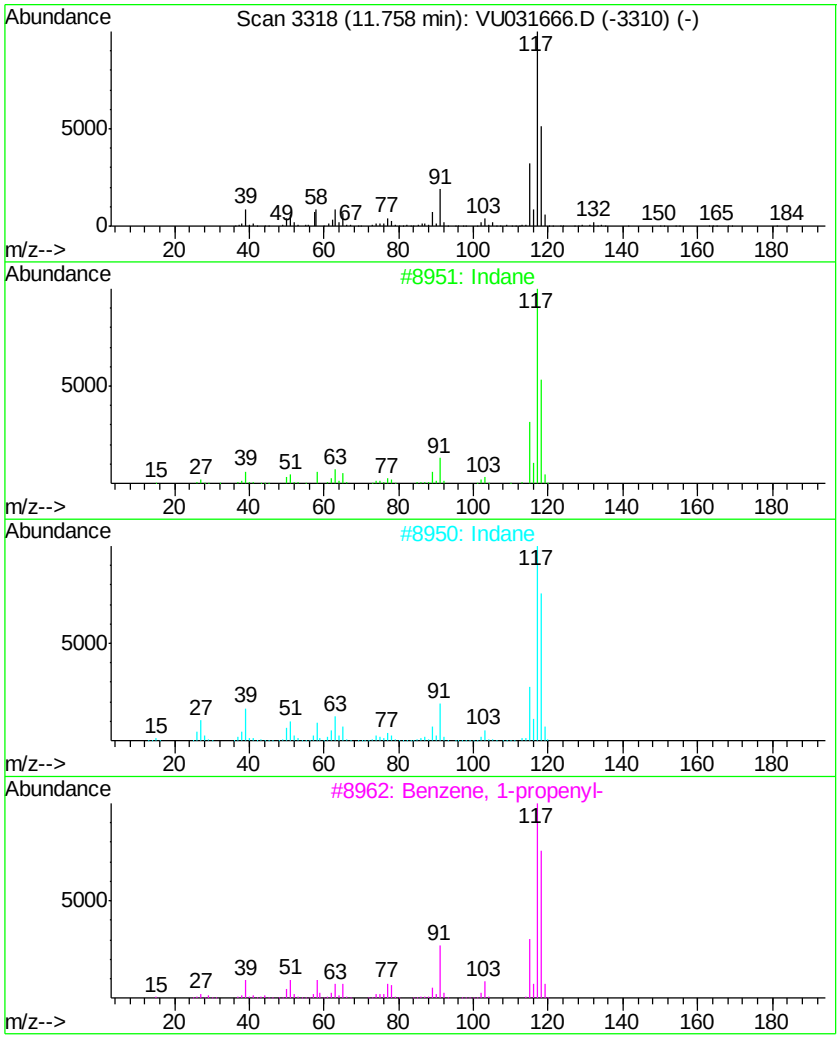
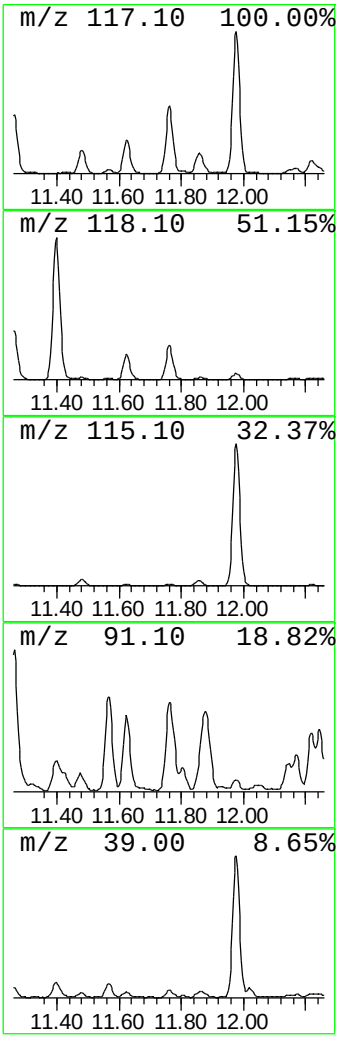
Peak Number 13 Indane Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	16.48 ug/L	931503	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	81
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	78





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Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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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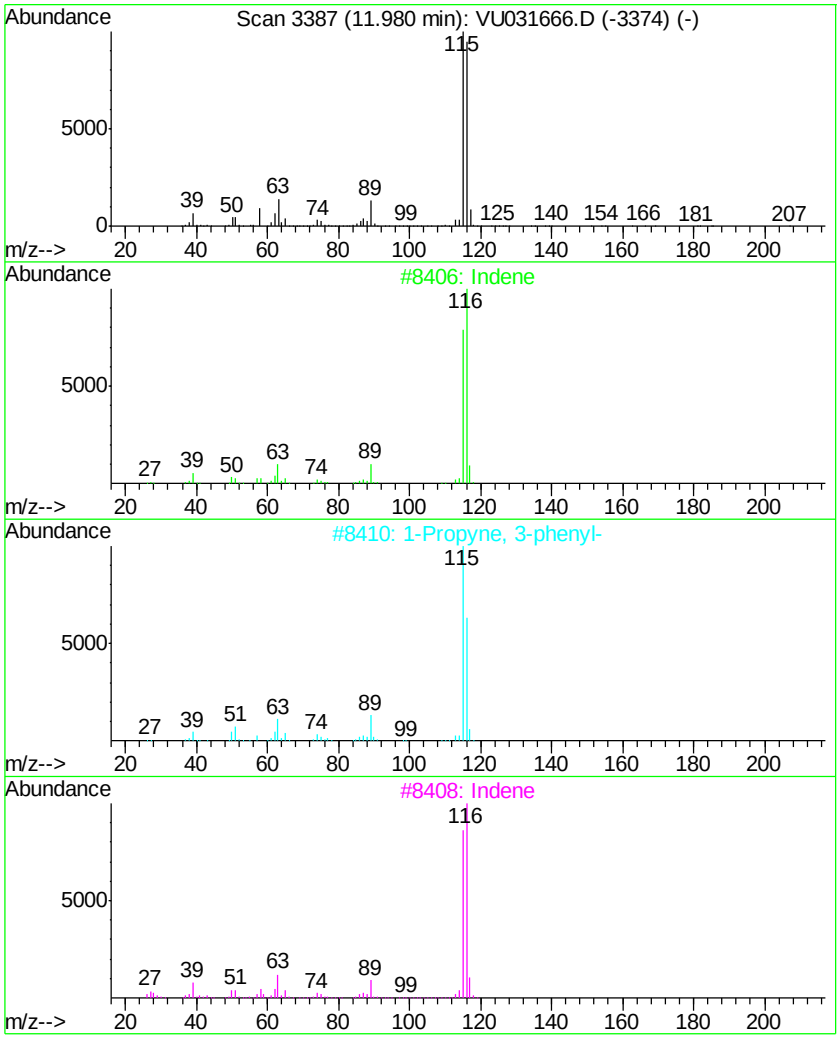
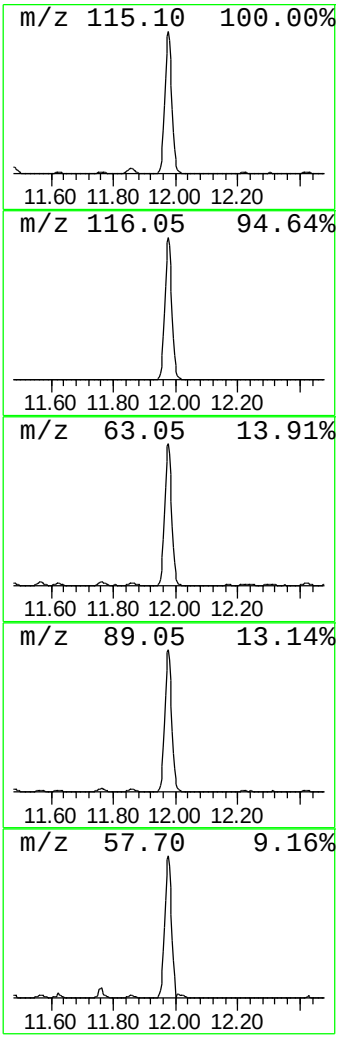
Peak Number 14 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	349.19 ug/L	19733100	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	95
3	Indene	116	C9H8	000095-13-6	95
4	Indene	116	C9H8	000095-13-6	94
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	94





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Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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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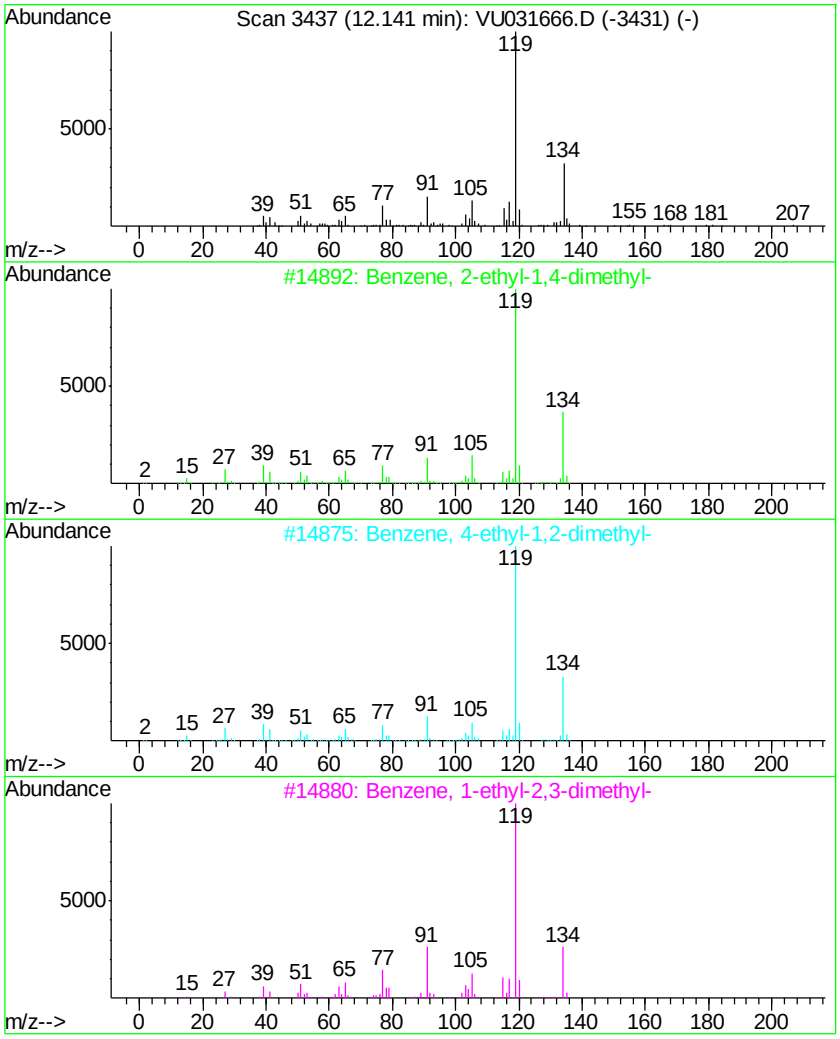
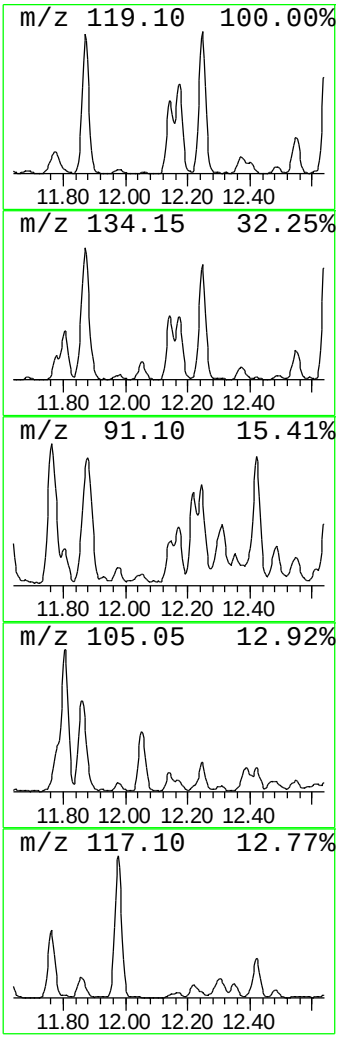
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.77 ug/L	213219	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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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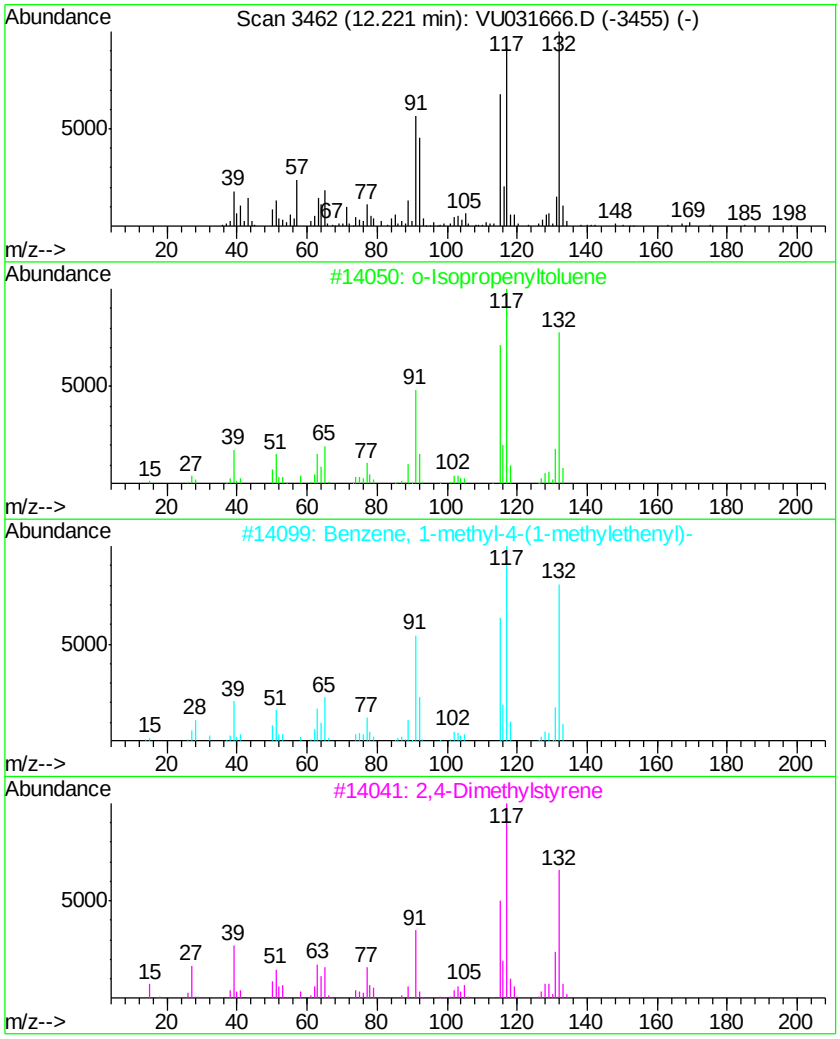
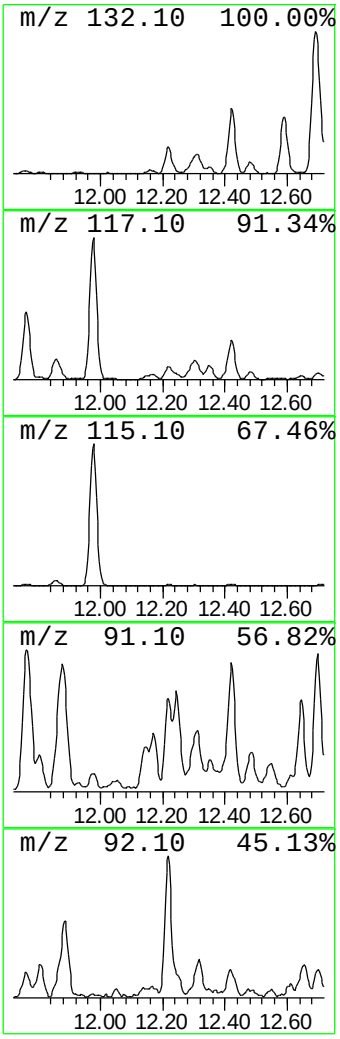
Peak Number 16 o-Isopropenyltoluene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	5.39 ug/L	304339	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Isopropenyltoluene	132	C10H12	007399-49-7	80
2	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	80
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	72
4	5,8-Dimethylenebicyclo[2.2.2]oct...	132	C10H12	1000210-64-8	72
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	70





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Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

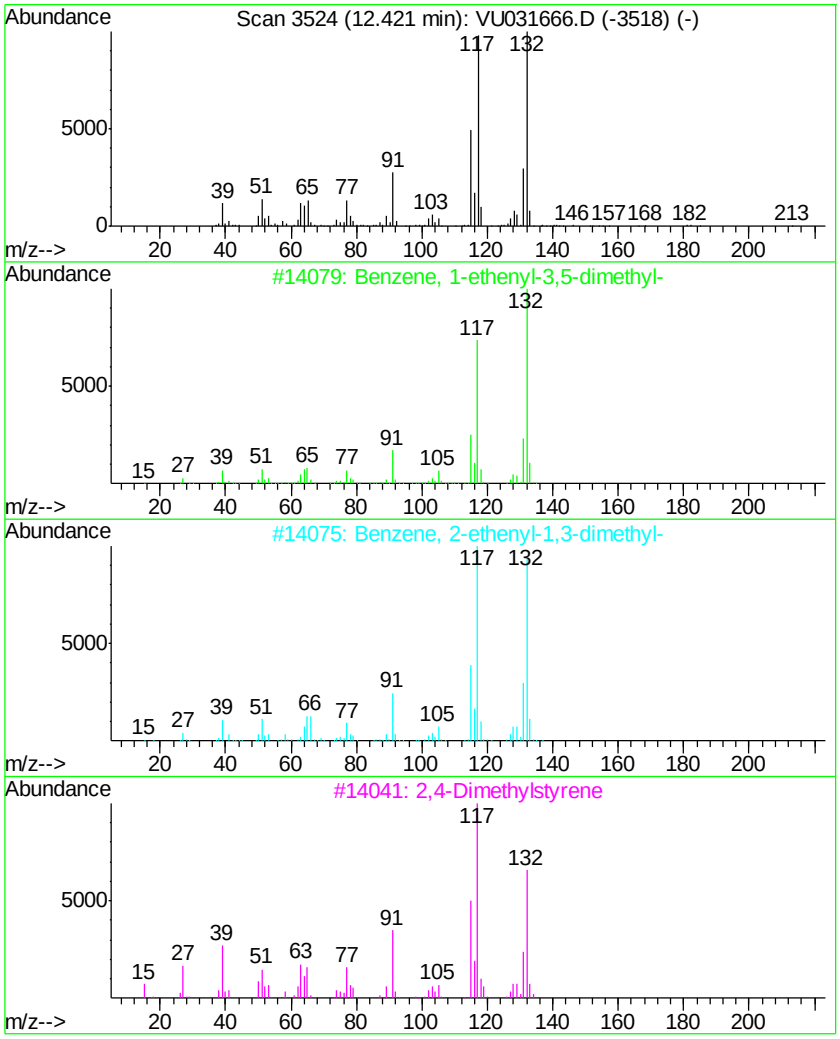
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

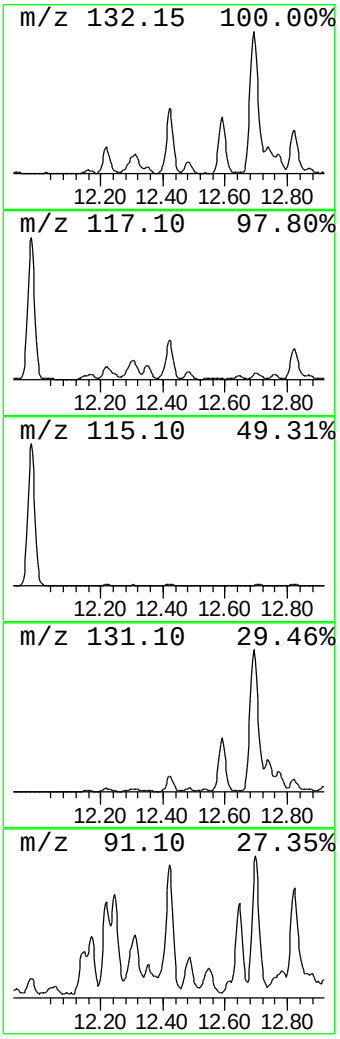
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	13.60 ug/L	768763	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	93
5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	93





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Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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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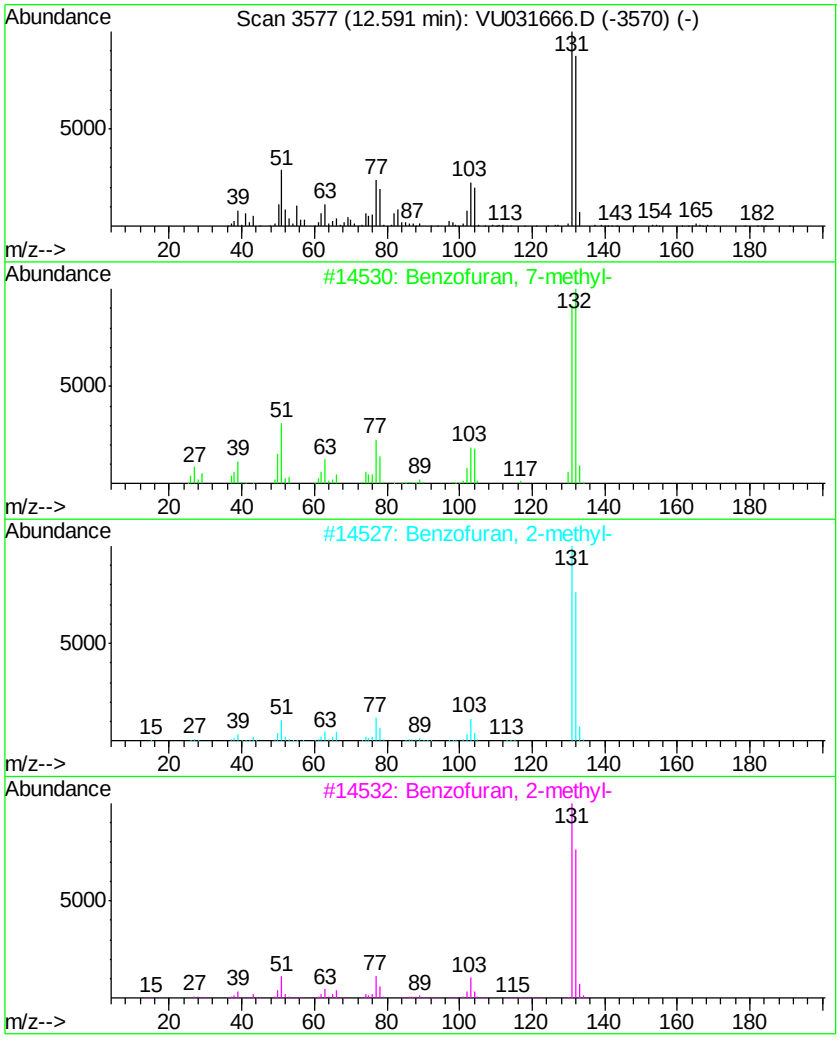
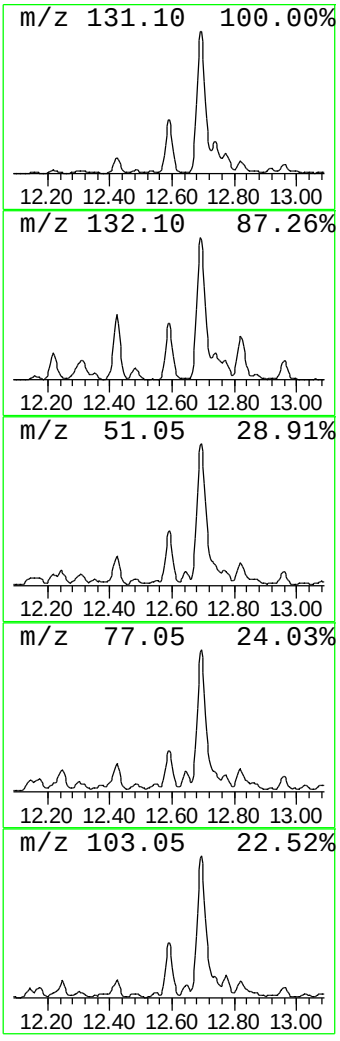
Peak Number 18 Benzofuran, 7-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	12.13 ug/L	685564	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91





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Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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

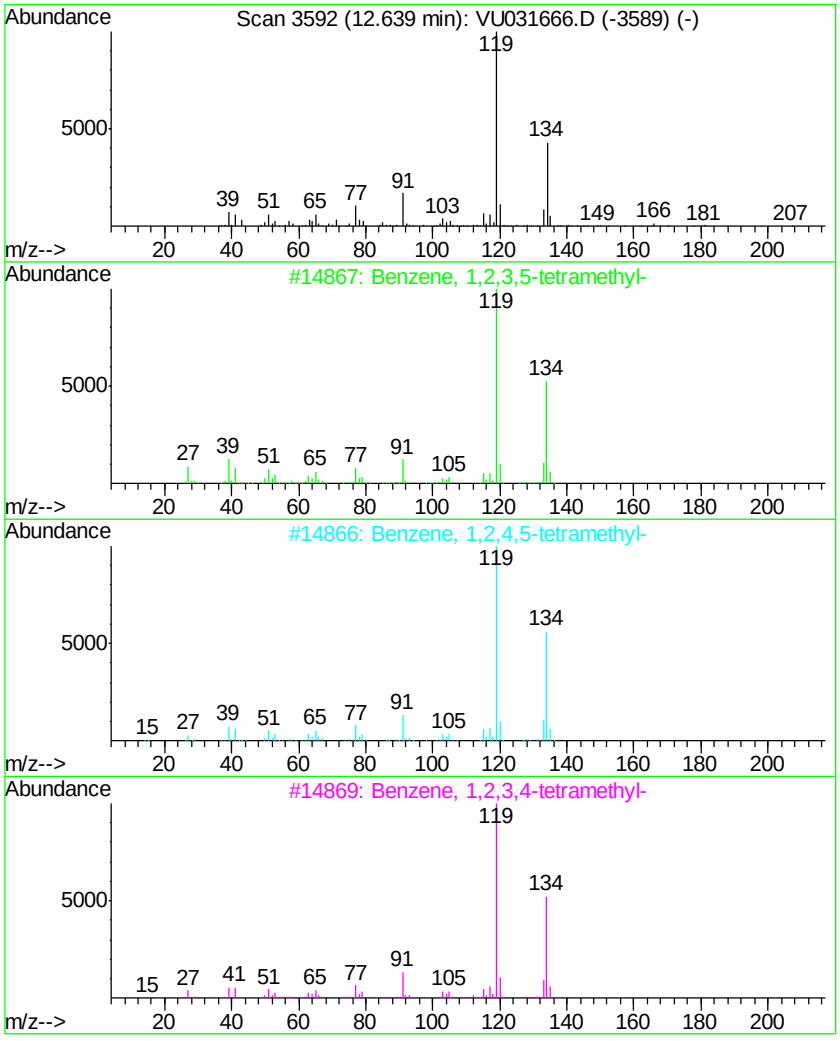
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

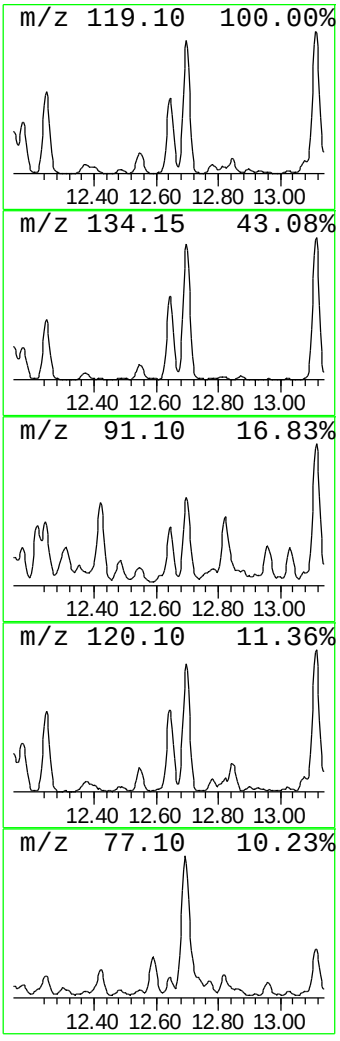
****

Peak Number 19 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	6.69 ug/L	377851	1,4-Dichlorobenzene-d4	11.48

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





Library Search Compound Report

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Data File : VU031666.D
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Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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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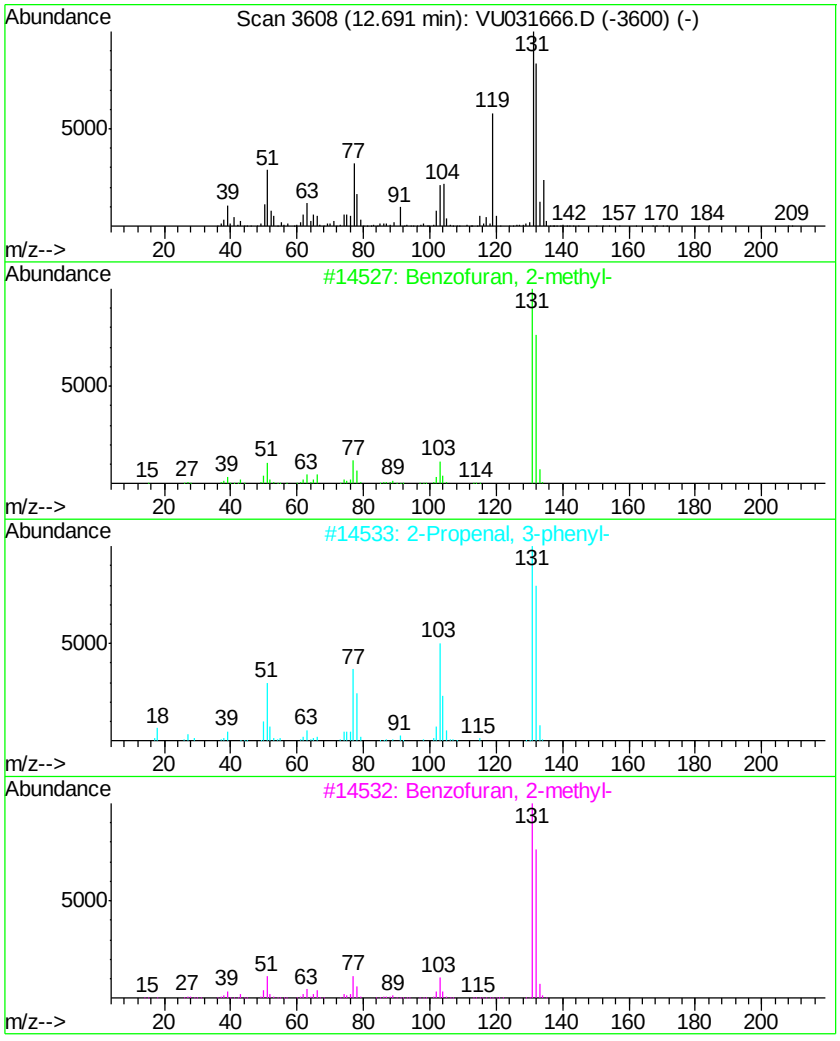
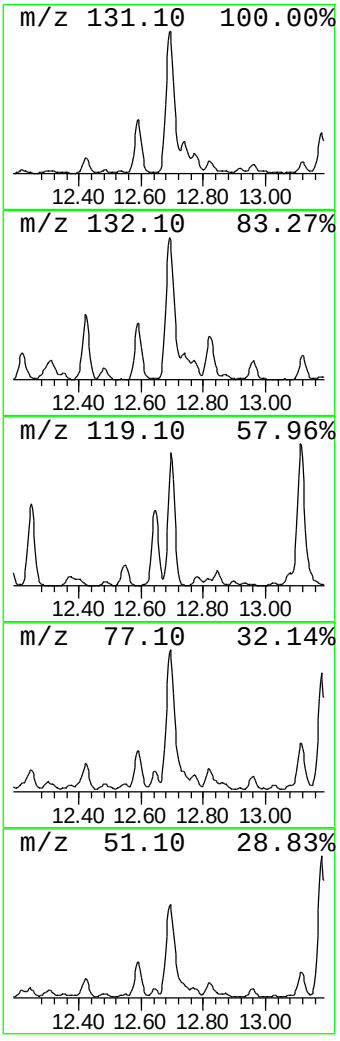
Peak Number 20 Benzofuran, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	50.07 ug/L	2829730	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	86
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	76
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	76
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	70





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU043019\
Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

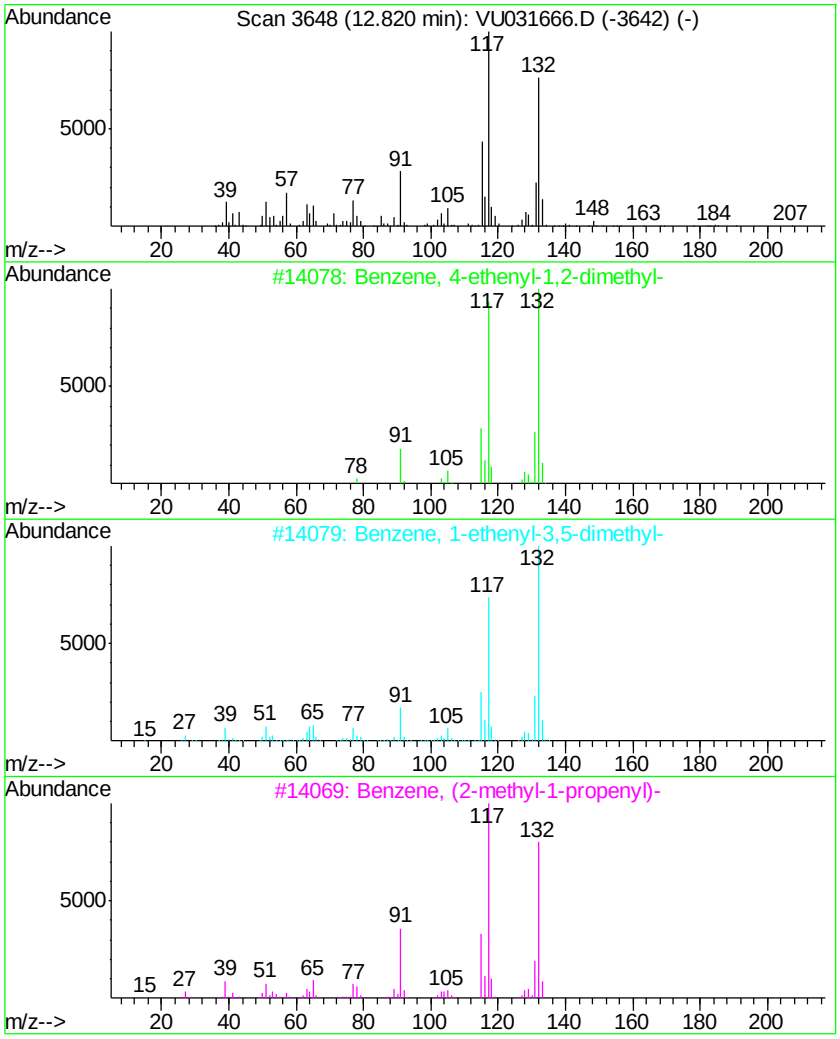
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

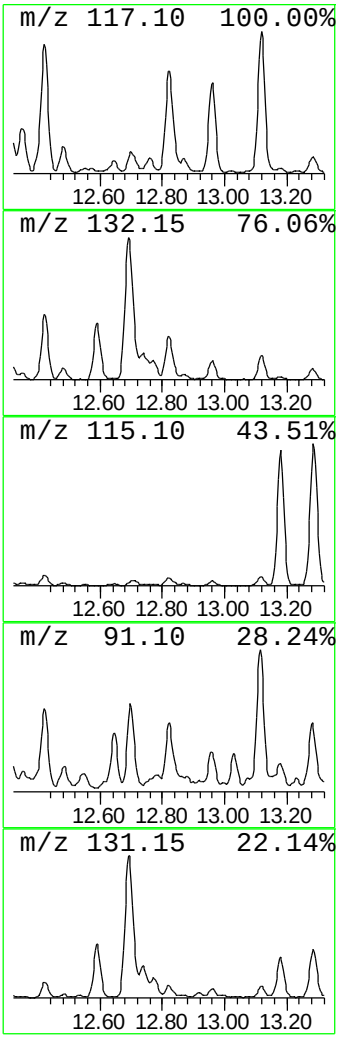
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	9.48 ug/L	535846	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	96
2	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	94





Library Search Compound Report

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Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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

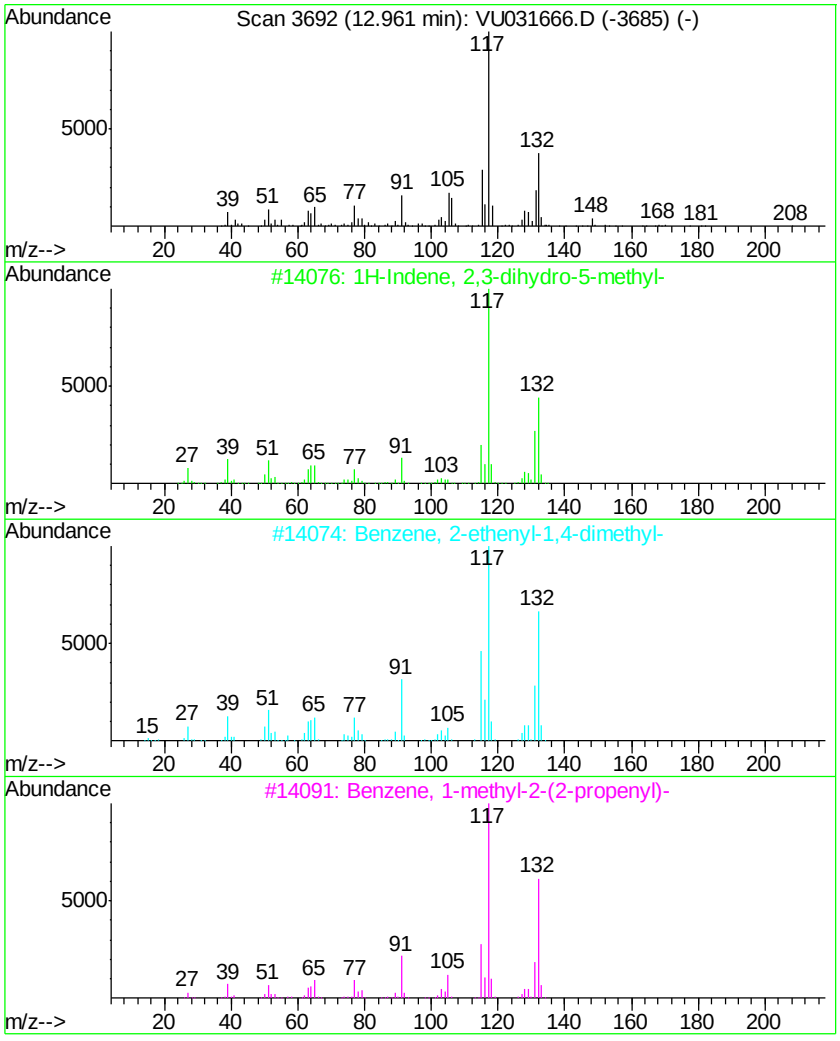
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

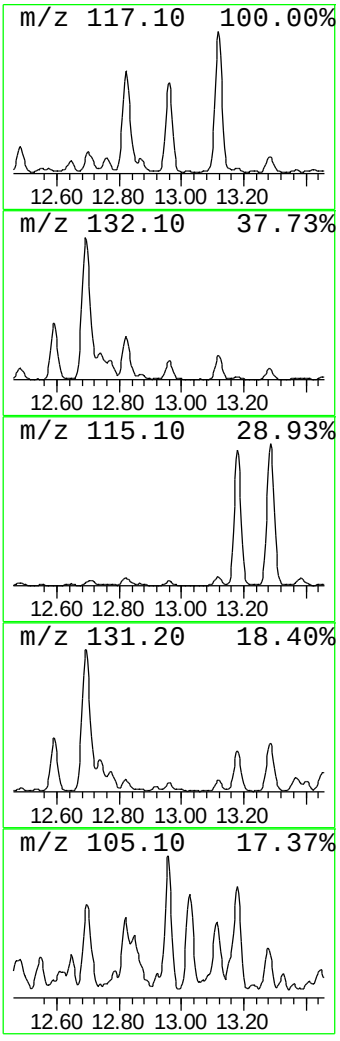
****

Peak Number 22 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	7.60 ug/L	429625	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81





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Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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

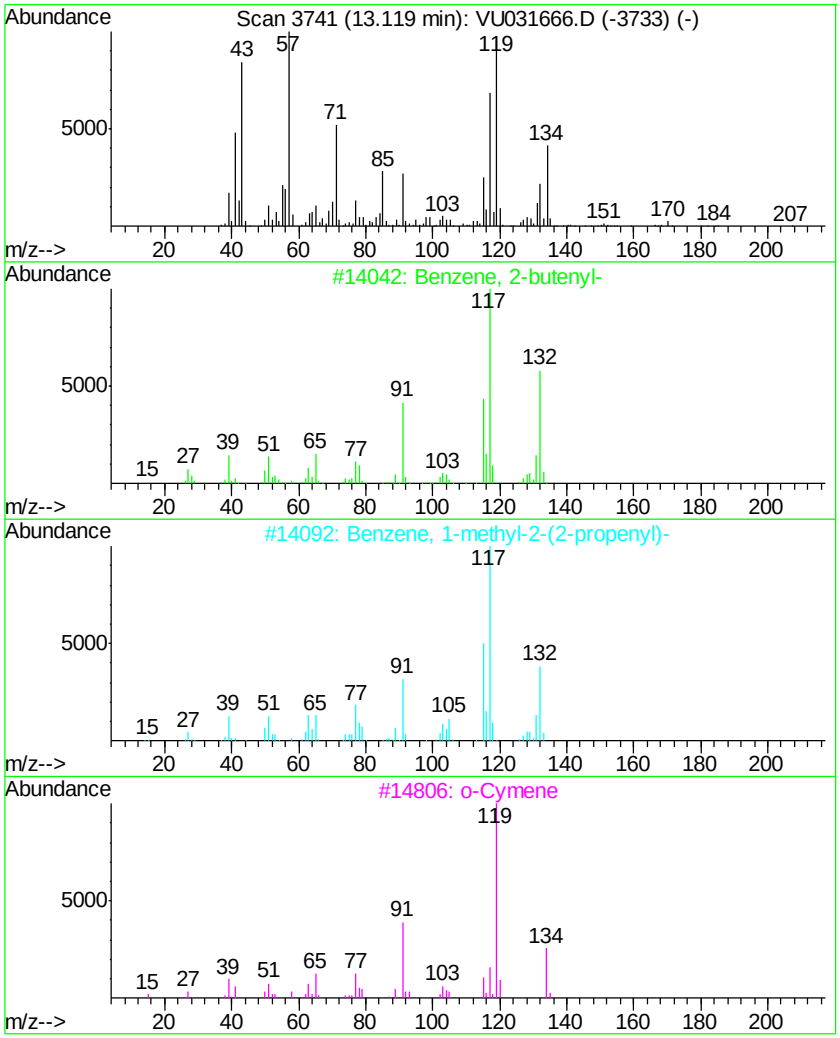
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

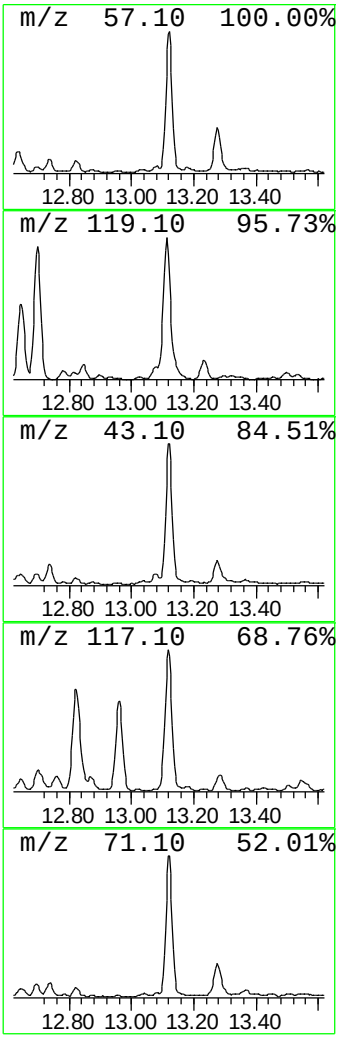
****

Peak Number 23 Benzene, 2-butenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	36.26 ug/L	2049260	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	56
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	47
3	o-Cymene	134	C10H14	000527-84-4	46
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46





Library Search Compound Report

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Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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

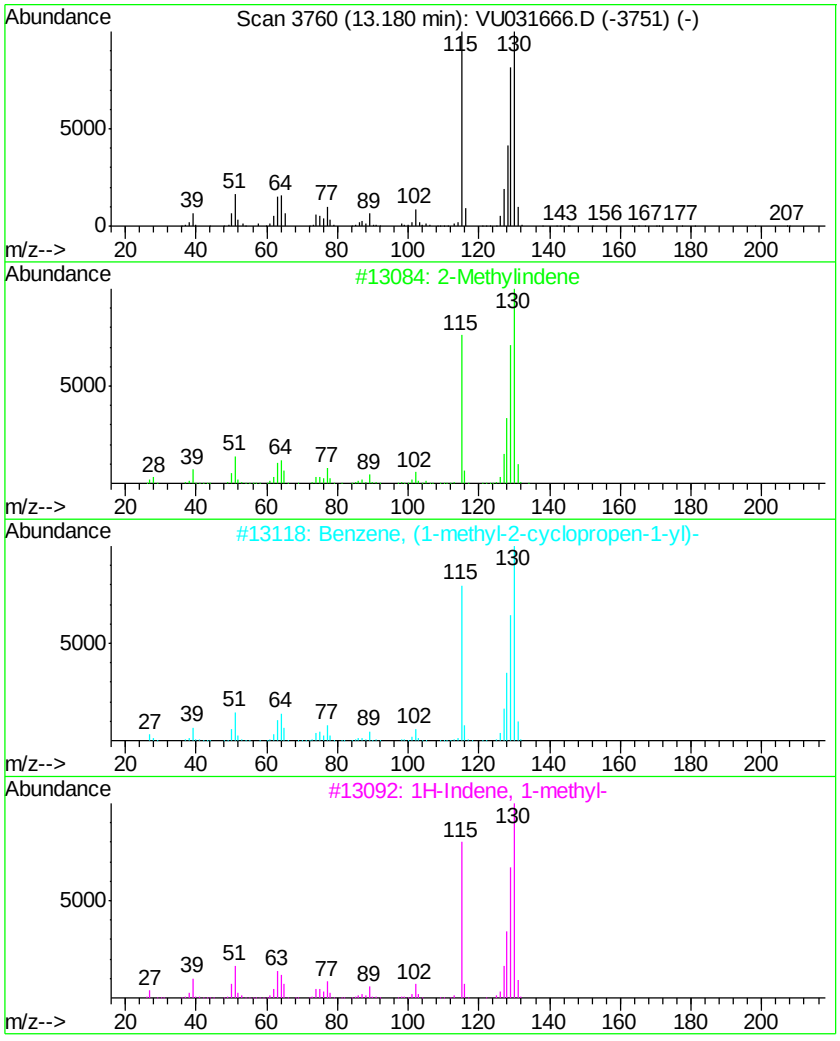
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

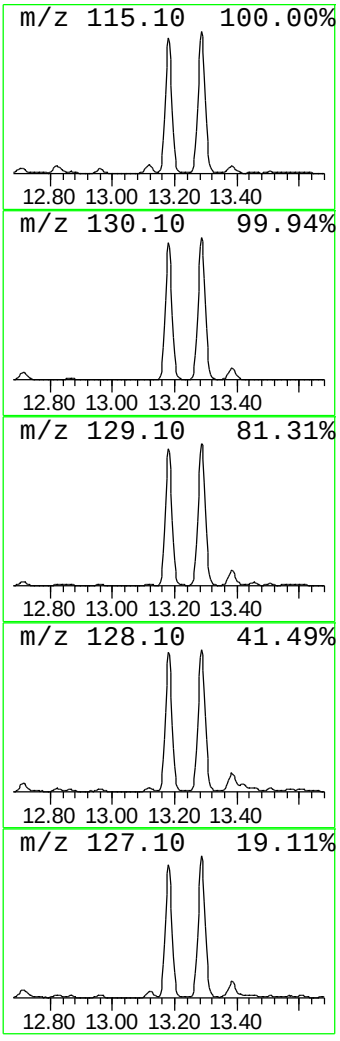
****

Peak Number 24 2-Methylindene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	88.35 ug/L	4992550	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	94
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94





Library Search Compound Report

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Data File : VU031666.D
Acq On : 01 May 2019 04:31
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Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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

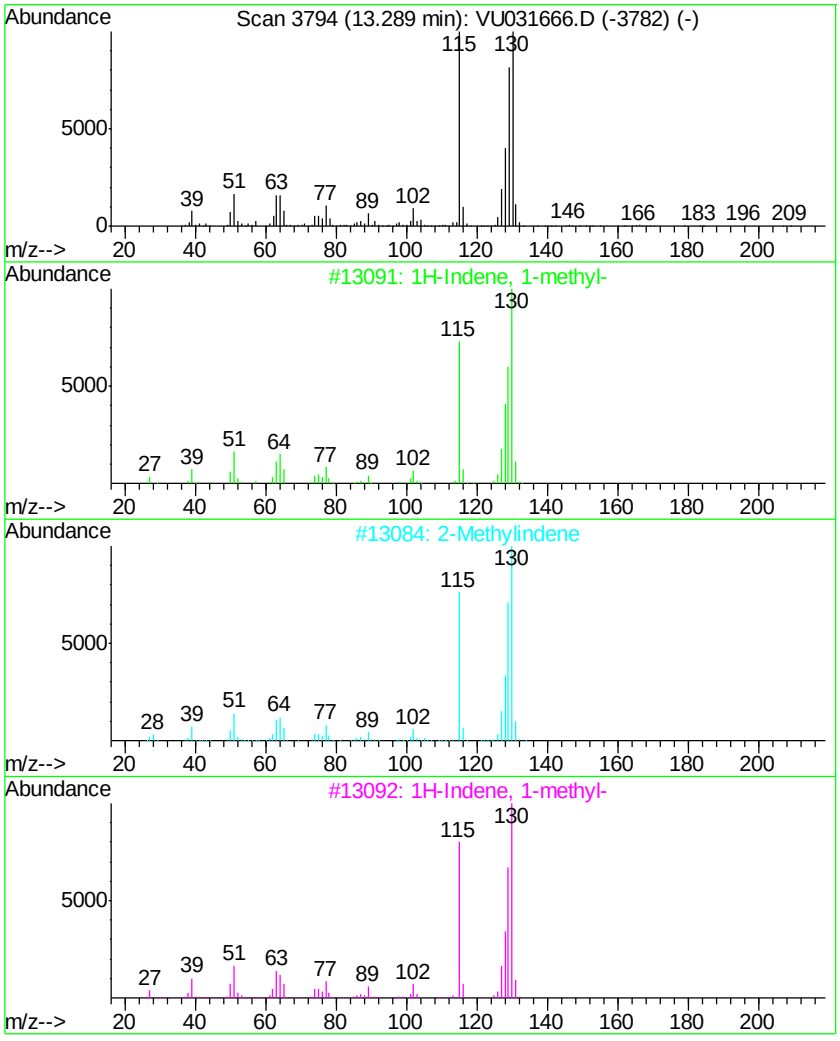
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

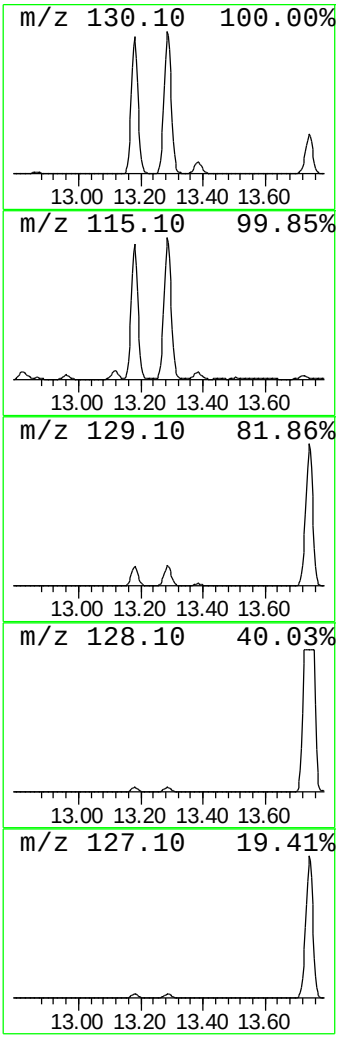
****

Peak Number 25 1H-Indene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	110.54 ug/L	6246880	1,4-Dichlorobenzene-d4	11.48

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





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Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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

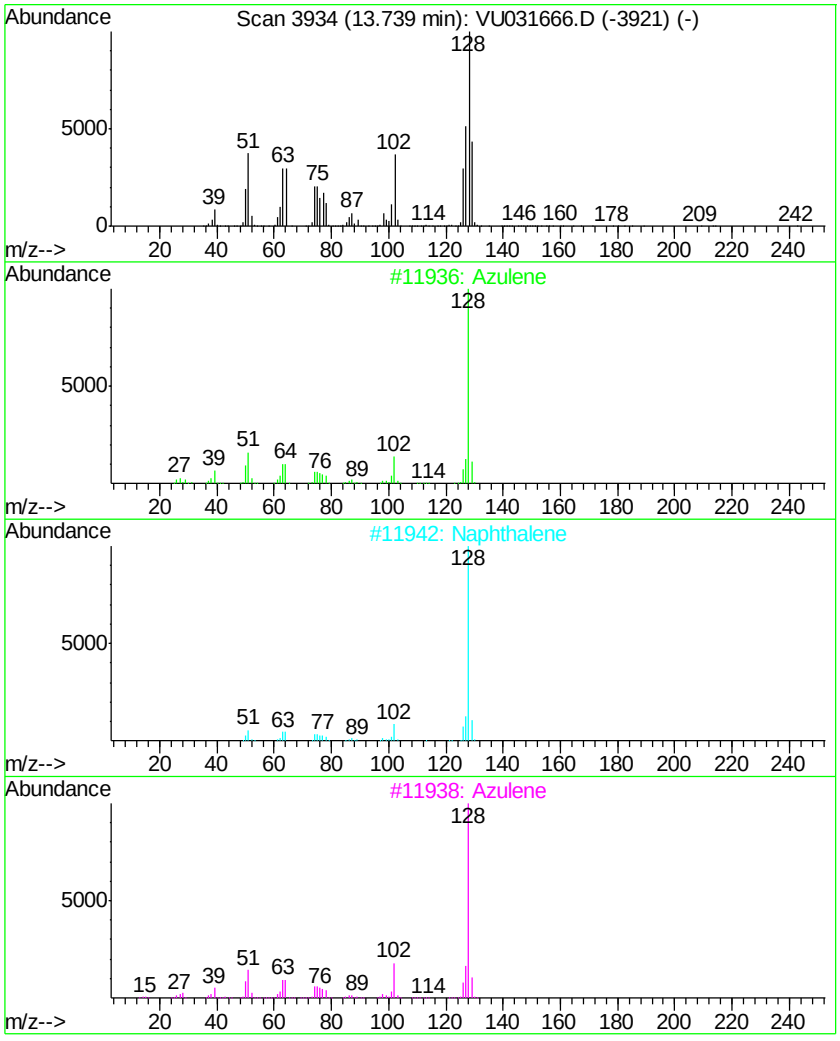
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

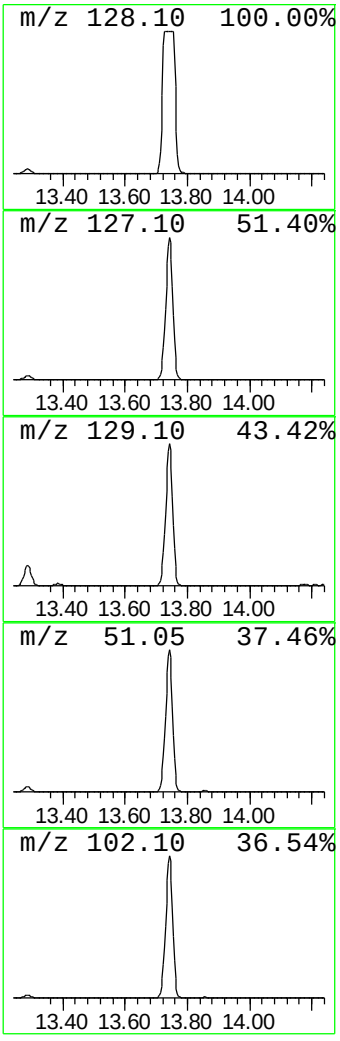
****

Peak Number 26 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	1779.49 ug/L	100561000	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	95
2	Naphthalene	128	C10H8	000091-20-3	95
3	Azulene	128	C10H8	000275-51-4	89
4	Naphthalene	128	C10H8	000091-20-3	70
5	Azulene	128	C10H8	000275-51-4	68





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Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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

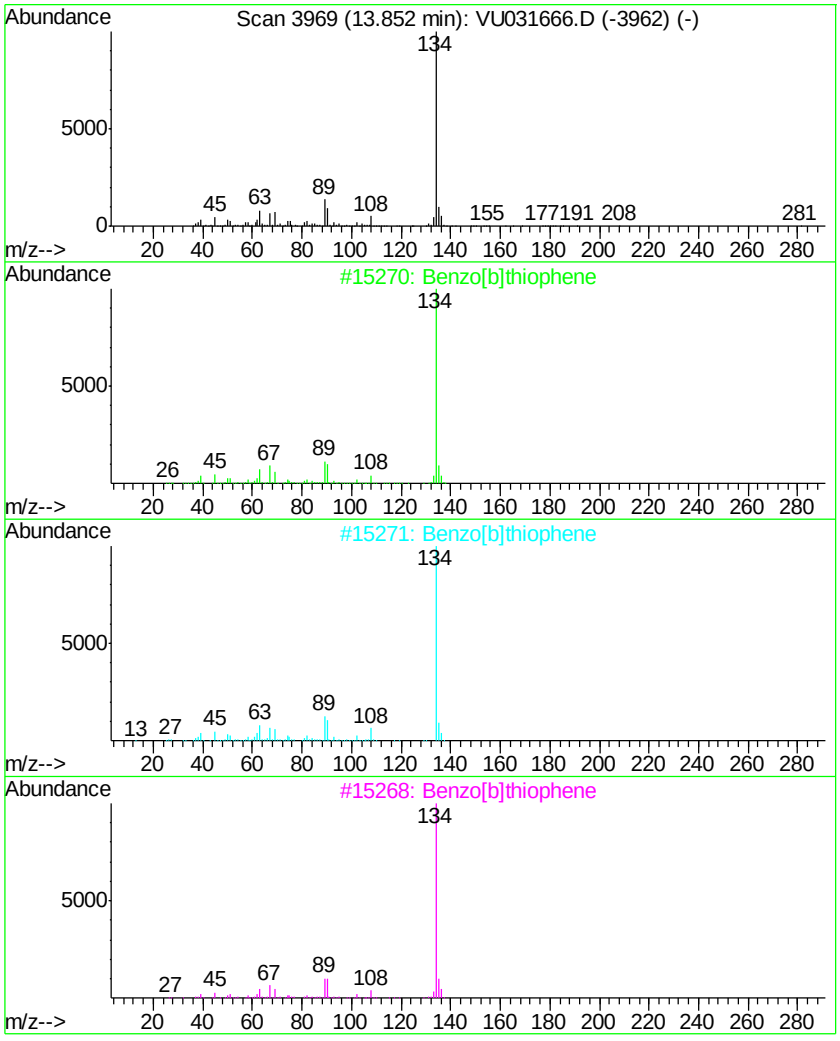
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

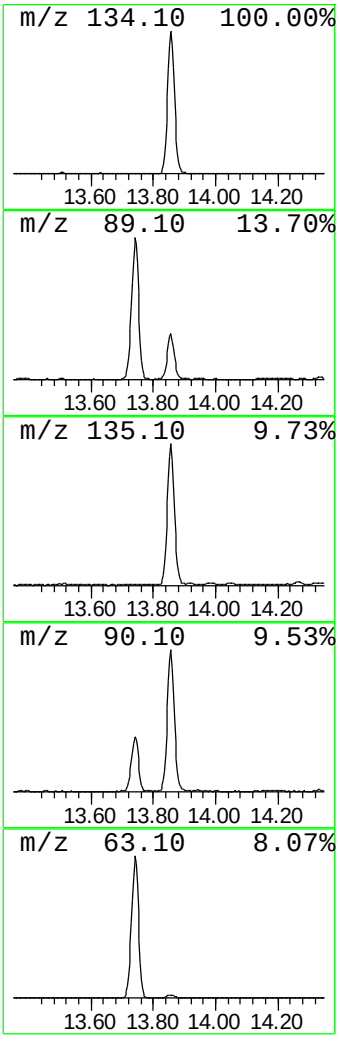
****

Peak Number 27 Benzo[b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	50.09 ug/L	2830800	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	97
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
4	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94





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Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

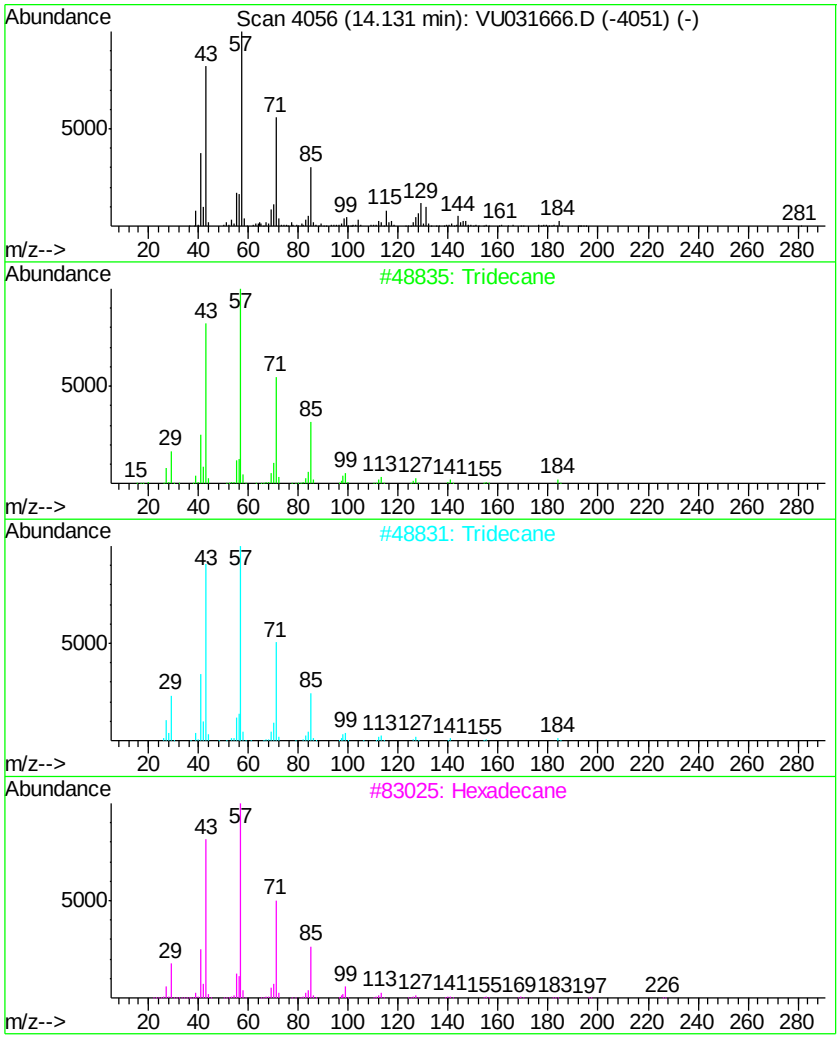
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

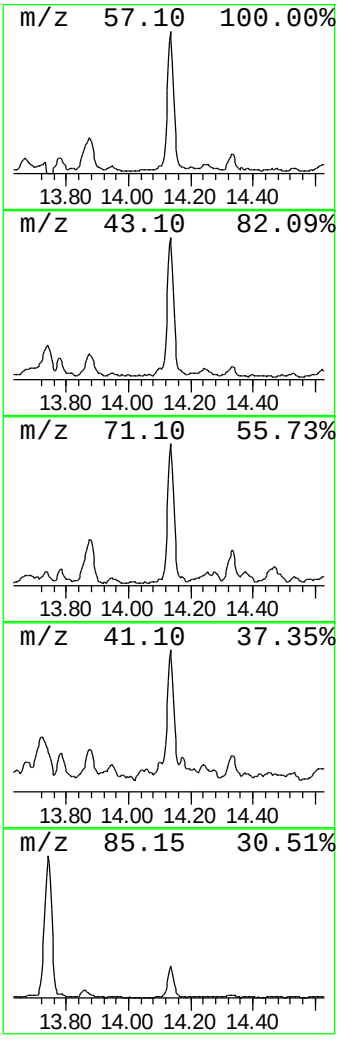
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	14.05 ug/L	794228	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Tridecane	184	C13H28	000629-50-5	58
3	Hexadecane	226	C16H34	000544-76-3	52
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	46
5	Hexadecane	226	C16H34	000544-76-3	43





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Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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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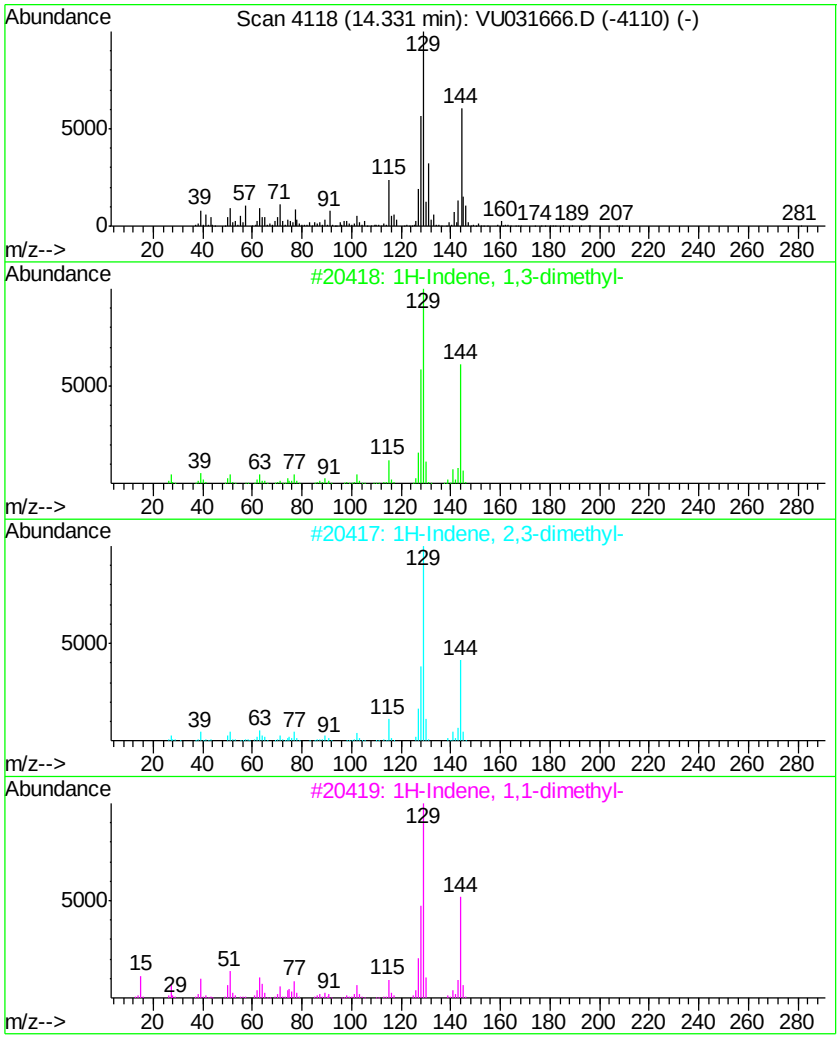
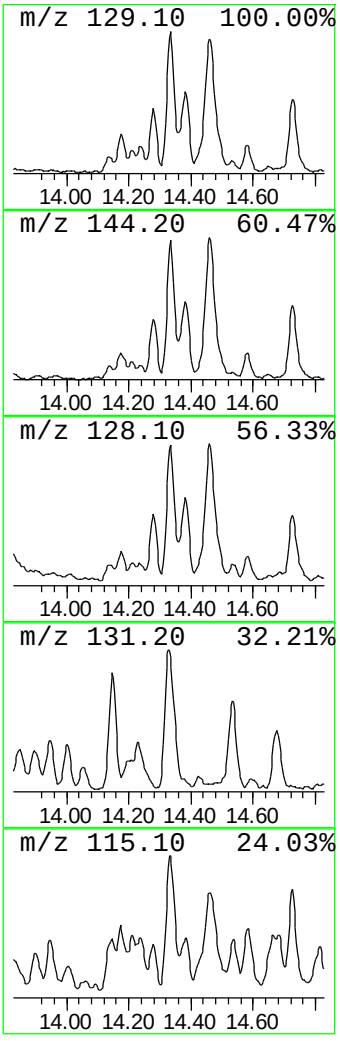
Peak Number 29 1H-Indene, 1,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	22.36 ug/L	1263470	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	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	93
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	87
5	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	87





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Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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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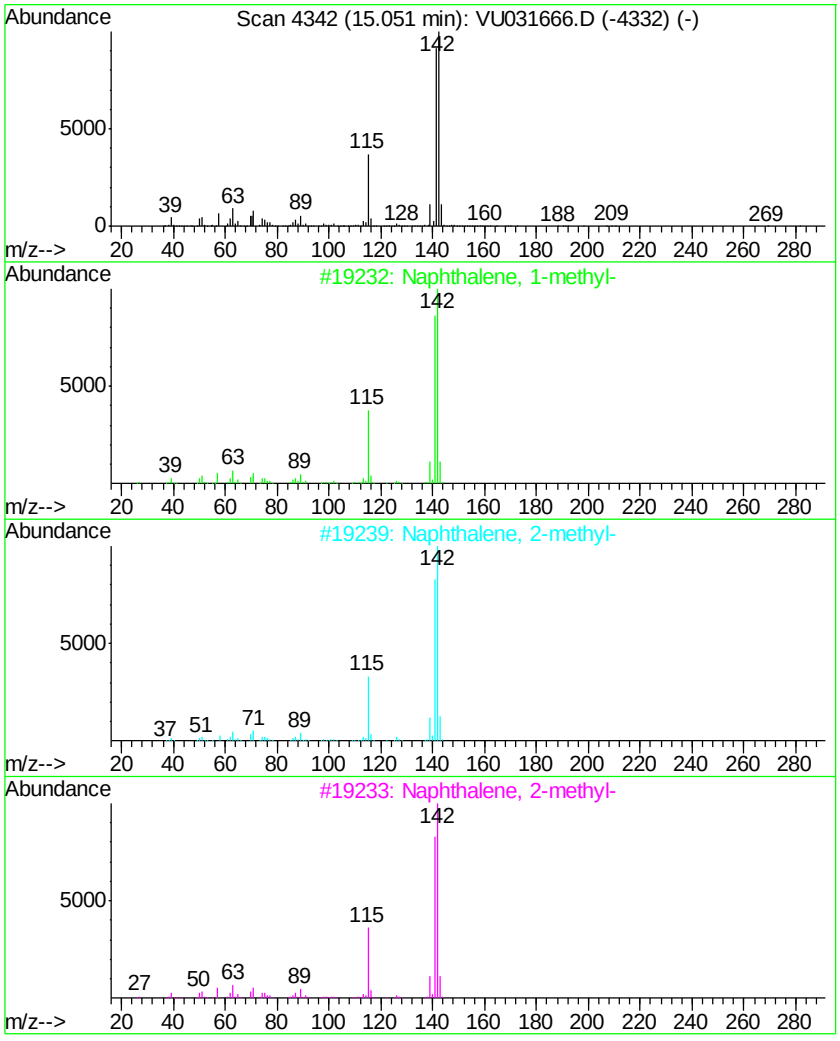
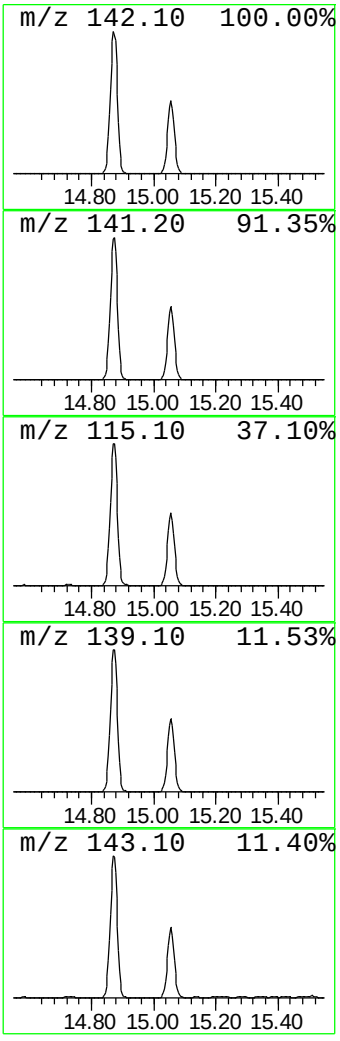
Peak Number 31 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	436.04 ug/L	24641100	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





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Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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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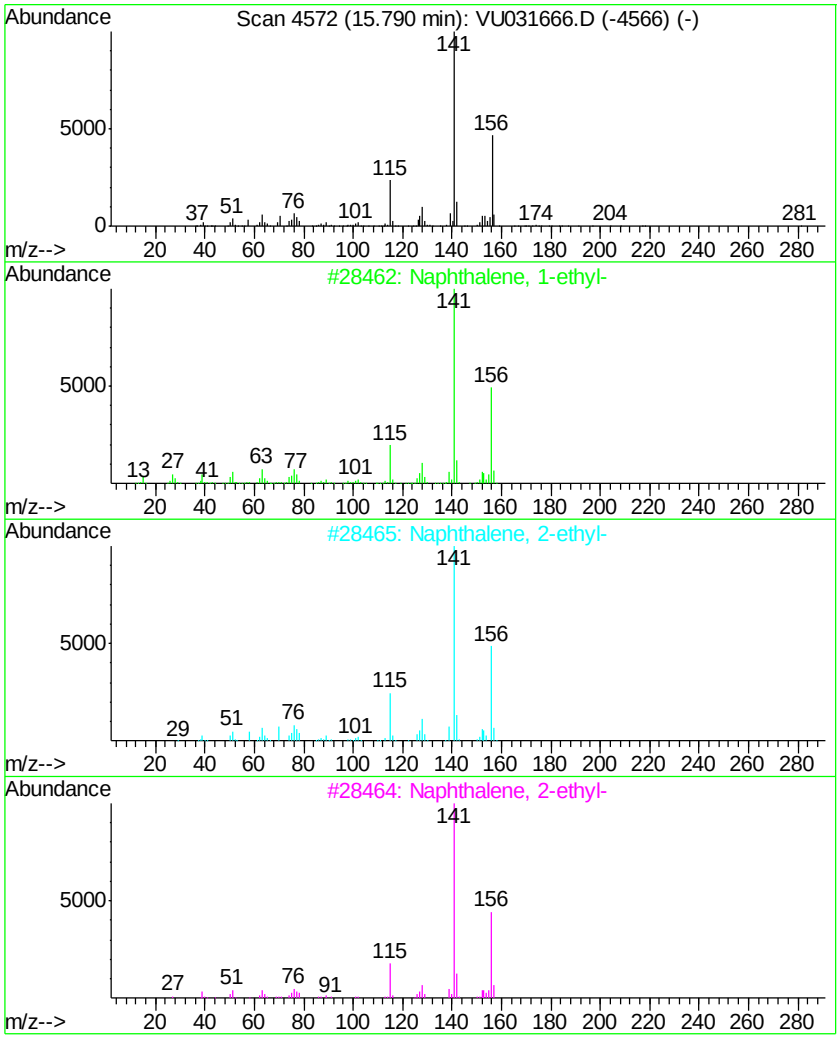
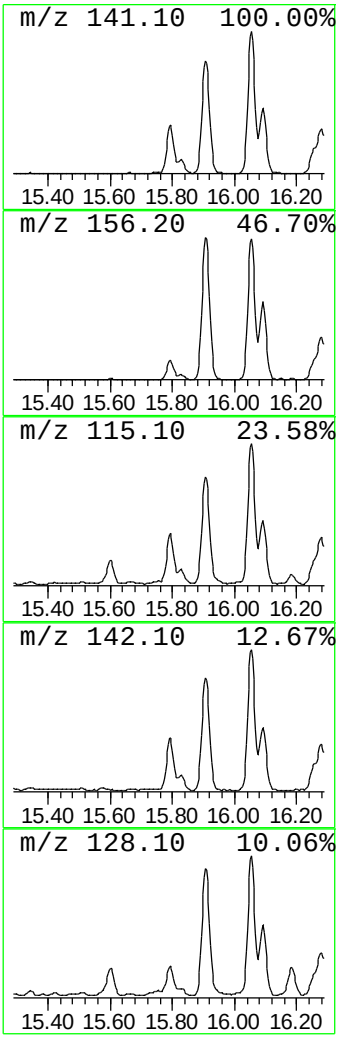
Peak Number 33 Naphthalene, 1-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	26.11 ug/L	1475340	1,4-Dichlorobenzene-d4	11.48

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU043019\
Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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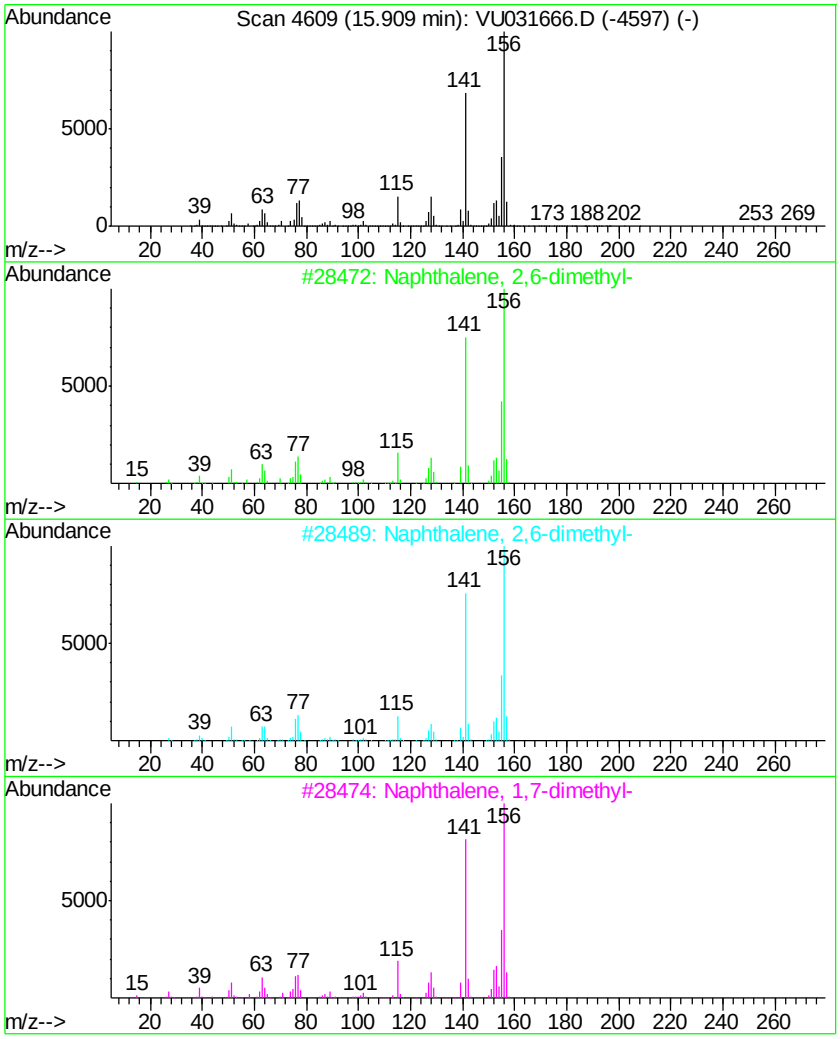
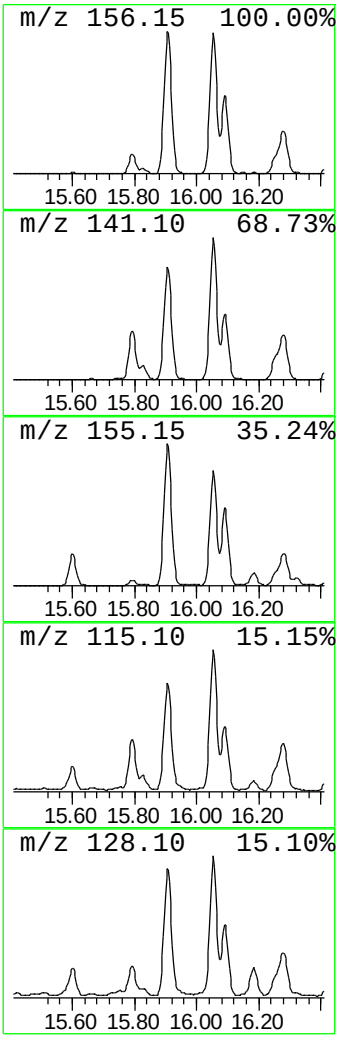
Peak Number 34 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	173.24 ug/L	9790220	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, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU043019\
Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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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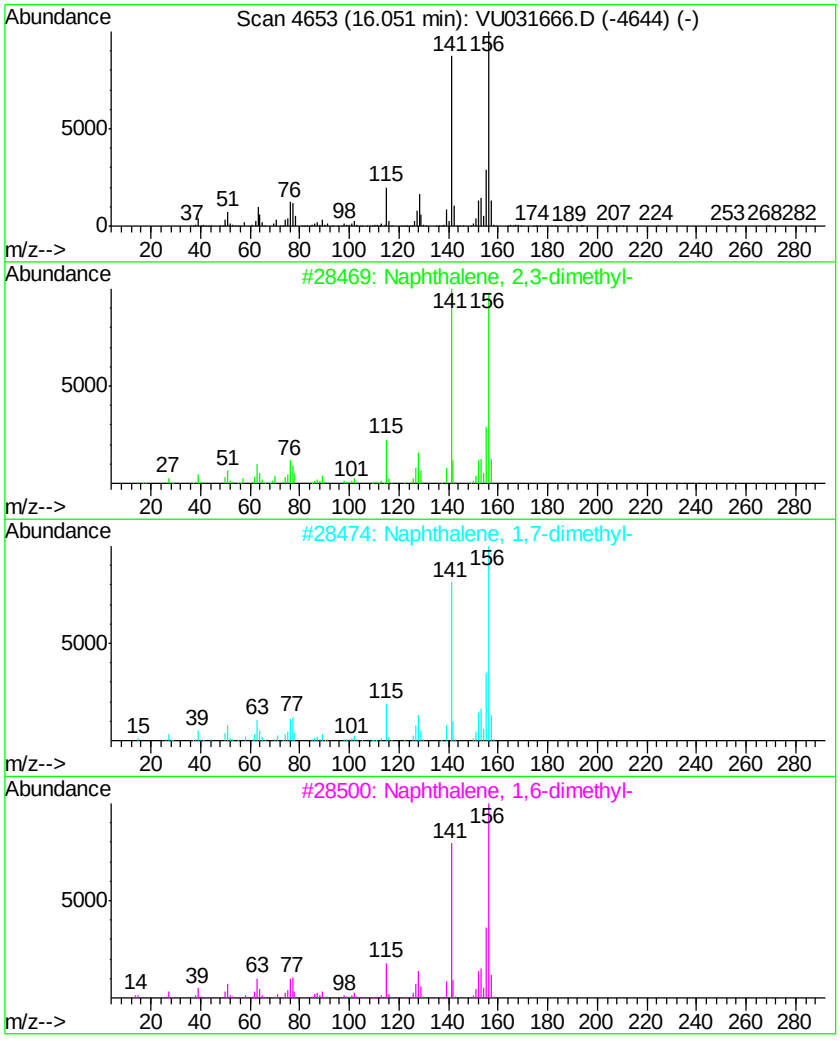
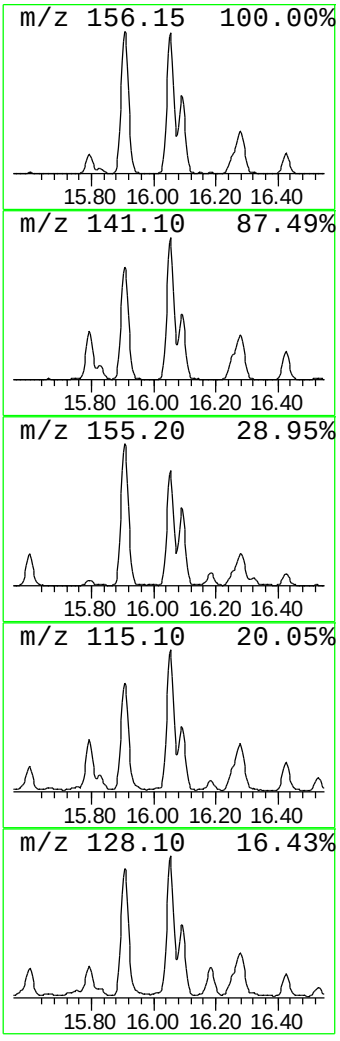
Peak Number 35 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	161.56 ug/L	9130150	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, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU043019\
Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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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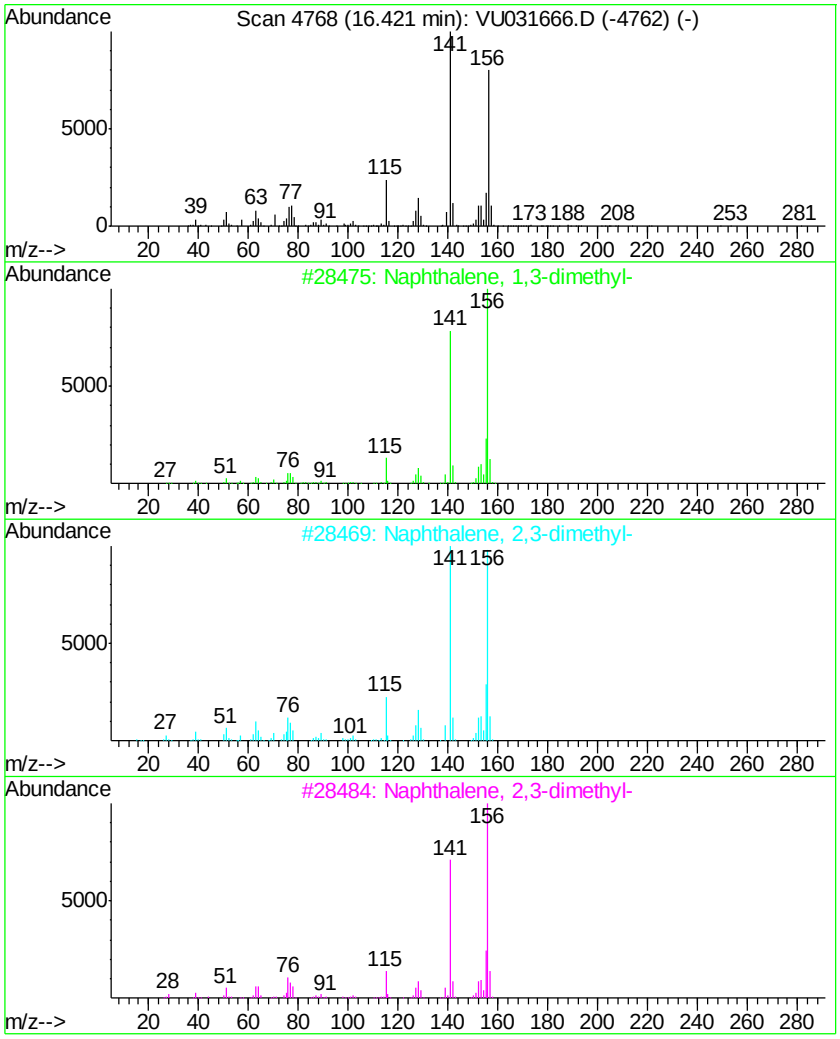
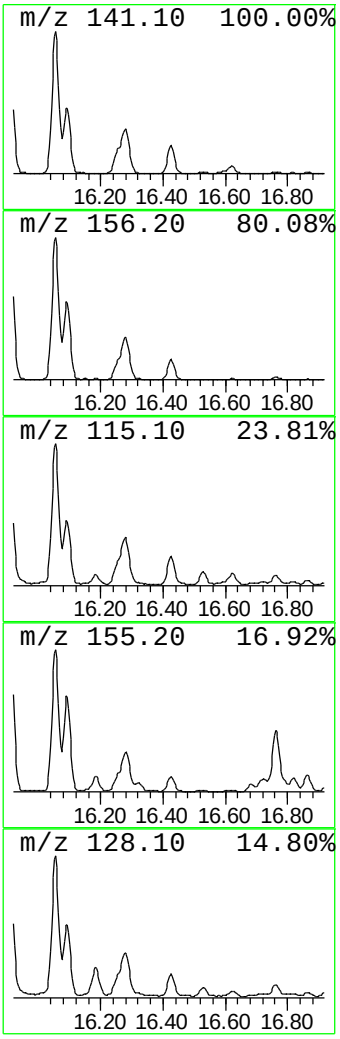
Peak Number 39 Naphthalene, 1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	24.29 ug/L	1372600	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU043019\
Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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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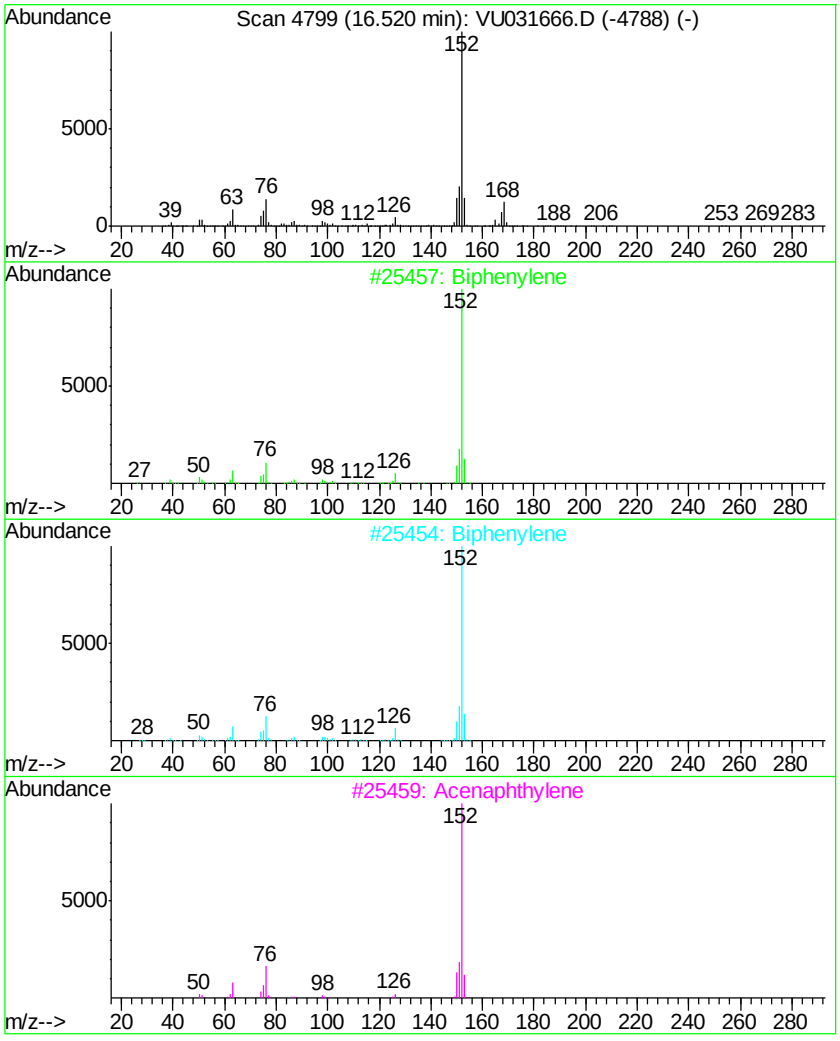
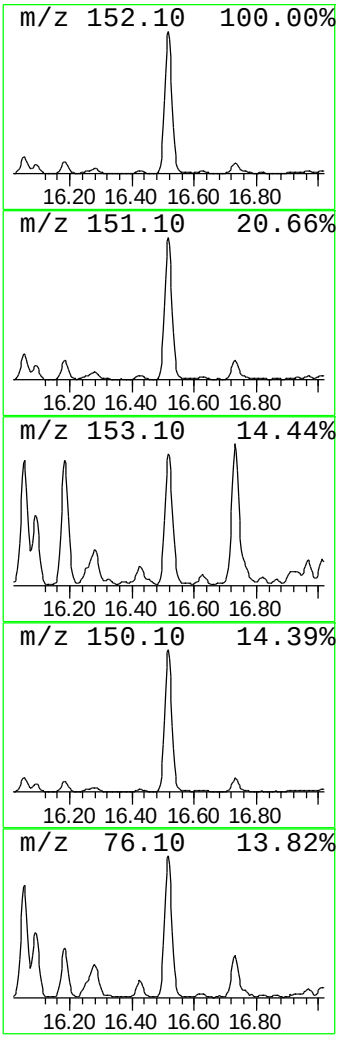
Peak Number 40 Biphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	116.72 ug/L	6595920	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	95
2	Biphenylene	152	C12H8	000259-79-0	91
3	Acenaphthylene	152	C12H8	000208-96-8	81
4	Acenaphthylene	152	C12H8	000208-96-8	81
5	Biphenylene	152	C12H8	000259-79-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU043019\
Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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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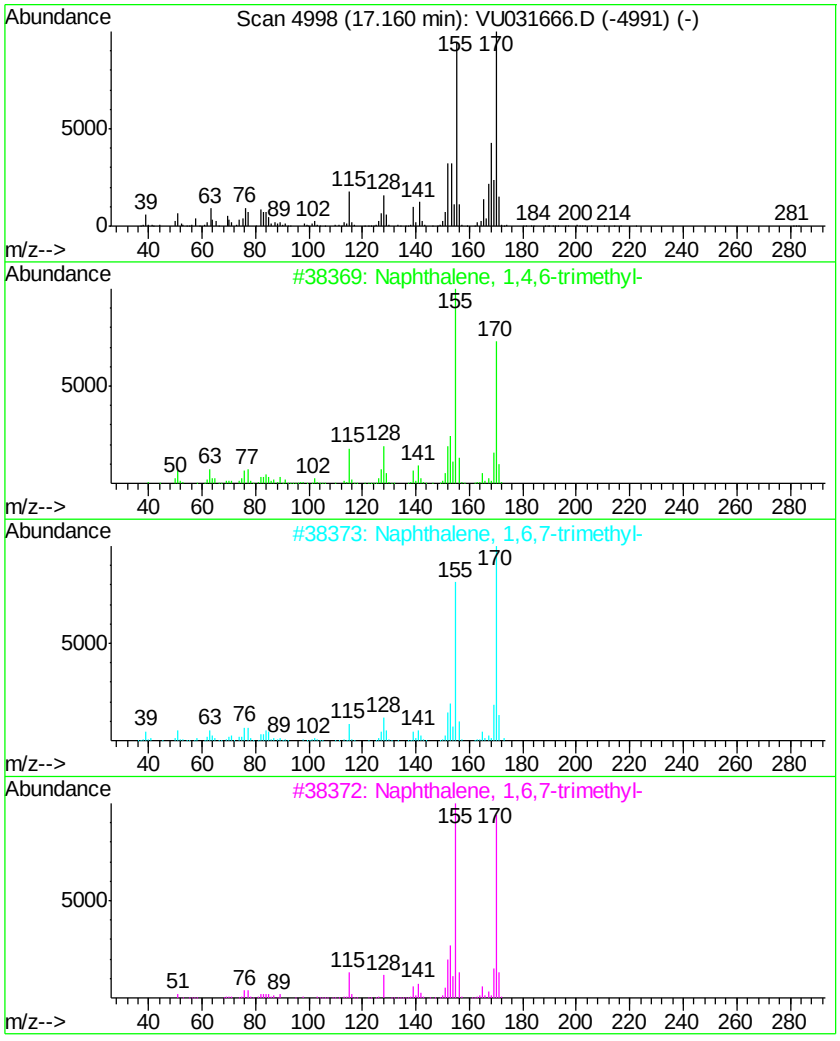
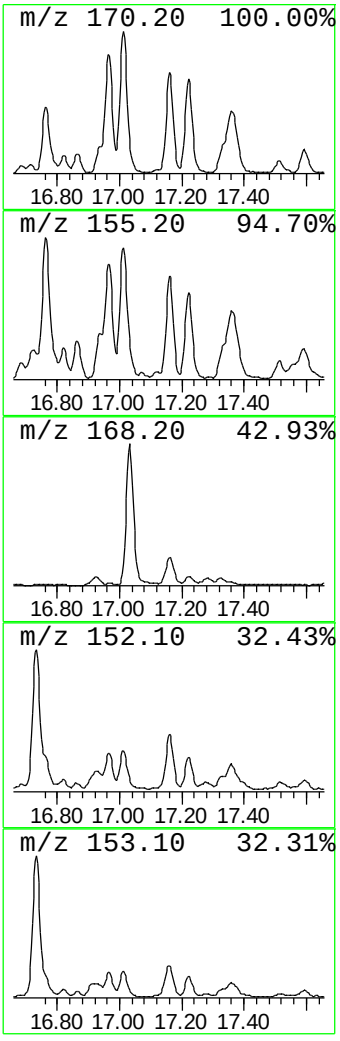
Peak Number 43 Naphthalene, 1,4,6-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	21.16 ug/L	1195710	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	92
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043019\
Data File : VU031666.D
Acq On : 01 May 2019 04:31
Operator : JC/SP
Sample : K2604-02 20X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ76

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	167160	3	11.48	2825570	50.0
Benzene, 1-ethyl-...	10.68	28.2	ug/L	1594840	3	11.48	2825570	50.0
Benzene, 1,2,3-tr...	10.77	29.4	ug/L	1659940	3	11.48	2825570	50.0
(DEL) Alkane: Str...	10.81	10.5	ug/L	590963	3	11.48	2825570	50.0
Benzene, 1-ethyl-...	10.97	5.0	ug/L	280996	3	11.48	2825570	50.0
Benzene, 1-etheny...	11.21	45.9	ug/L	2591450	3	11.48	2825570	50.0
Benzofuran	11.40	35.8	ug/L	2020210	3	11.48	2825570	50.0
Benzene, 1-propenyl-	11.62	9.8	ug/L	554896	3	11.48	2825570	50.0
Indane	11.76	16.5	ug/L	931503	3	11.48	2825570	50.0
Indene	11.98	349.2	ug/L	19733100	3	11.48	2825570	50.0
Benzene, 2-ethyl-...	12.14	3.8	ug/L	213219	3	11.48	2825570	50.0
o-Isopropenyltoluene	12.22	5.4	ug/L	304339	3	11.48	2825570	50.0
Benzene, 1-etheny...	12.42	13.6	ug/L	768763	3	11.48	2825570	50.0
Benzofuran, 7-met...	12.59	12.1	ug/L	685564	3	11.48	2825570	50.0
Benzene, 1,2,3,5-...	12.64	6.7	ug/L	377851	3	11.48	2825570	50.0
Benzofuran, 2-met...	12.69	50.1	ug/L	2829730	3	11.48	2825570	50.0
Benzene, 4-etheny...	12.82	9.5	ug/L	535846	3	11.48	2825570	50.0
1H-Indene, 2,3-di...	12.96	7.6	ug/L	429625	3	11.48	2825570	50.0
Benzene, 2-butenyl-	13.12	36.3	ug/L	2049260	3	11.48	2825570	50.0
2-Methylindene	13.18	88.3	ug/L	4992550	3	11.48	2825570	50.0
1H-Indene, 1-methyl-	13.29	110.5	ug/L	6246880	3	11.48	2825570	50.0
Azulene	13.74	1779.5	ug/L	100561000	3	11.48	2825570	50.0
Benzo[b]thiophene	13.85	50.1	ug/L	2830800	3	11.48	2825570	50.0
(DEL) Alkane: Str...	14.13	14.1	ug/L	794228	3	11.48	2825570	50.0
1H-Indene, 1,3-di...	14.33	22.4	ug/L	1263470	3	11.48	2825570	50.0
Naphthalene, 1-me...	15.05	436.0	ug/L	24641100	3	11.48	2825570	50.0
Naphthalene, 1-et...	15.79	26.1	ug/L	1475340	3	11.48	2825570	50.0
Naphthalene, 2,6-...	15.91	173.2	ug/L	9790220	3	11.48	2825570	50.0
Naphthalene, 2,3-...	16.05	161.6	ug/L	9130150	3	11.48	2825570	50.0
Naphthalene, 1,3-...	16.42	24.3	ug/L	1372600	3	11.48	2825570	50.0
Biphenylene	16.52	116.7	ug/L	6595920	3	11.48	2825570	50.0
Naphthalene, 1,4,...	17.16	21.2	ug/L	1195710	3	11.48	2825570	50.0