LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050818\
Data File : VU023746.D
Acq On : 08 May 2018 19:36
Operator : MD/SY
Sample : J2725-13 20X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.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	1.089	147	155	173	rBV	2025481	2263983	15.48%	5.132%
2	1.301	207	221	244	rBV	134086	642939	4.40%	1.458%
3	1.397	246	251	271	rVB	251255	348114	2.38%	0.789%
4	1.680	333	339	366	rVB	180643	263893	1.80%	0.598%
5	2.272	511	523	535	rBV	383093	586050	4.01%	1.329%
6	2.378	550	556	568	rVB7	2403	4516	0.03%	0.010%
7	2.429	568	572	575	rBV2	502	572	0.00%	0.001%
8	2.445	575	577	581	rVV	664	672	0.00%	0.002%
9	2.474	581	586	596	rVB2	2589	3613	0.02%	0.008%
10	3.802	994	999	1010	rVV3	720	1216	0.01%	0.003%
11	4.178	1100	1116	1150	rBV	165222	432195	2.95%	0.980%
12	4.651	1245	1263	1298	rBV	267050	626717	4.28%	1.421%
13	4.847	1321	1324	1328	rBV	355	249	0.00%	0.001%
14	4.976	1360	1364	1367	rVV2	358	361	0.00%	0.001%
15	4.998	1370	1371	1377	rVB	633	363	0.00%	0.001%
16	5.346	1454	1479	1484	rVV2	568192	1575394	10.77%	3.571%
17	5.394	1486	1494	1560	rVV	1574925	3373725	23.06%	7.648%
18	5.645	1561	1572	1593	rVB2	37069	79539	0.54%	0.180%
19	5.744	1599	1603	1605	rBV3	308	284	0.00%	0.001%
20	5.796	1616	1619	1628	rVB4	704	918	0.01%	0.002%
21	5.889	1633	1648	1669	rBV	402298	800843	5.47%	1.816%
22	6.172	1732	1736	1738	rBV2	1057	821	0.01%	0.002%
23	6.336	1771	1787	1823	rBV	377437	763414	5.22%	1.731%
24	6.854	1942	1948	1951	rBV2	353	355	0.00%	0.001%
25	7.230	2052	2065	2095	rBV	201365	360315	2.46%	0.817%
26	7.394	2111	2116	2120	rBV3	549	631	0.00%	0.001%
27	7.468	2135	2139	2144	rVV2	791	927	0.01%	0.002%
28	7.567	2155	2170	2182	rBV	756792	1336190	9.13%	3.029%
29	7.641	2182	2193	2225	rVB	744340	1358568	9.29%	3.080%
30	7.854	2248	2259	2277	rBV	138223	232351	1.59%	0.527%
31	7.944	2279	2287	2302	rVB2	12043	21053	0.14%	0.048%
32	8.053	2317	2321	2326	rBV2	300	335	0.00%	0.001%
33	8.239	2373	2379	2380	rBV2	607	480	0.00%	0.001%
34	8.313	2388	2402	2441	rBV	546538	949294	6.49%	2.152%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Title : VOC Analysis

35	8.522	2464	2467	2471	rVB2	362	252	0.00%	0.001%
36	8.625	2491	2499	2506	rBV3	1355	2311	0.02%	0.005%
37	8.860	2569	2572	2579	rVB2	257	276	0.00%	0.001%
38	9.011	2612	2619	2622	rBV2	211	262	0.00%	0.001%
39	9.095	2631	2645	2683	rBV	568171	984510	6.73%	2.232%
40	9.255	2683	2695	2714	rBV	189441	310567	2.12%	0.704%
41	9.378	2720	2733	2766	rVB	491773	829512	5.67%	1.881%
42	9.500	2766	2771	2775	rVV6	1035	954	0.01%	0.002%
43	9.548	2778	2786	2798	rVB3	5892	9383	0.06%	0.021%
44	9.738	2838	2845	2848	rBV3	3428	4456	0.03%	0.010%
45	9.783	2848	2859	2885	rVB	289042	480518	3.28%	1.089%
46	9.902	2893	2896	2900	rVB3	572	416	0.00%	0.001%
47	10.014	2924	2931	2942	rVB2	1988	3007	0.02%	0.007%
48	10.082	2947	2952	2954	rBV2	1036	865	0.01%	0.002%
49	10.172	2966	2980	2991	rBV2	10904	17362	0.12%	0.039%
50	10.435	3049	3062	3082	rBV	519252	824364	5.64%	1.869%
51	10.590	3103	3110	3121	rBV3	2140	3372	0.02%	0.008%
52	10.686	3130	3140	3145	rBV2	34262	56632	0.39%	0.128%
53	10.776	3159	3168	3185	rVB	39974	60220	0.41%	0.137%
54	10.902	3199	3207	3212	rBV4	803	1058	0.01%	0.002%
55	10.976	3221	3230	3239	rBV2	9217	16161	0.11%	0.037%
56	11.153	3273	3285	3300	rVB	132237	202706	1.39%	0.460%
57	11.220	3300	3306	3314	rVB3	2096	3003	0.02%	0.007%
58	11.278	3317	3324	3328	rBV3	1179	1424	0.01%	0.003%
59	11.329	3334	3340	3350	rVB4	1493	2022	0.01%	0.005%
60	11.403	3350	3363	3377	rBV	705717	1097697	7.50%	2.488%
61	11.487	3377	3389	3406	rVV	678917	1077161	7.36%	2.442%
62	11.574	3406	3416	3427	rVV2	68613	107213	0.73%	0.243%
63	11.632	3428	3434	3446	rVB3	5513	8028	0.05%	0.018%
64	11.770	3464	3477	3493	rBV	788083	1218496	8.33%	2.762%
65	11.863	3493	3506	3527	rVB	831893	1332920	9.11%	3.022%
66	11.985	3529	3544	3567	rBV	1110658	1718892	11.75%	3.897%
67	12.255	3620	3628	3635	rBV2	4147	6047	0.04%	0.014%
68	12.358	3651	3660	3674	rVB	23886	35696	0.24%	0.081%
69	12.432	3681	3683	3689	rBV2	260	241	0.00%	0.001%
70	12.480	3689	3698	3714	rBV4	6997	11299	0.08%	0.026%
71	12.599	3718	3735	3746	rBV2	67932	120934	0.83%	0.274%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Title : VOC Analysis

72	12.699	3747	3766	3776	rBV	168125	350029	2.39%	0.794%
73	12.895	3820	3827	3832	rBV4	1534	1783	0.01%	0.004%
74	12.969	3840	3850	3860	rVV2	21908	31746	0.22%	0.072%
75	13.095	3880	3889	3892	rBV3	16926	22581	0.15%	0.051%
76	13.127	3893	3899	3909	rVV2	39880	60674	0.41%	0.138%
77	13.191	3909	3919	3931	rVB	26788	40513	0.28%	0.092%
78	13.297	3941	3952	3965	rBV2	32007	51338	0.35%	0.116%
79	13.397	3976	3983	3990	rBV4	1143	1645	0.01%	0.004%
80	13.551	4027	4031	4032	rBV	597	436	0.00%	0.001%
81	13.615	4043	4051	4067	rVB4	4686	9366	0.06%	0.021%
82	13.677	4067	4070	4075	rVB2	558	405	0.00%	0.001%
83	13.747	4077	4092	4115	rBV	9503779	14628097	100.00%	33.162%
84	13.863	4117	4128	4140	rBV	456752	723093	4.94%	1.639%
85	14.062	4185	4190	4198	rVB7	3024	4182	0.03%	0.009%
86	14.284	4255	4259	4264	rBV4	556	700	0.00%	0.002%
87	14.349	4271	4279	4285	rBV6	1039	1603	0.01%	0.004%
88	14.541	4332	4339	4349	rVB3	2966	4527	0.03%	0.010%
89	14.828	4418	4428	4434	rBV	9161	14105	0.10%	0.032%
90	14.882	4434	4445	4471	rVB	347498	541783	3.70%	1.228%
91	14.995	4473	4480	4489	rVV2	7470	11332	0.08%	0.026%
92	15.066	4490	4502	4521	rVB	365822	575196	3.93%	1.304%
93	15.612	4663	4672	4686	rBV	35385	54569	0.37%	0.124%
94	15.808	4725	4733	4736	rBV4	4419	5873	0.04%	0.013%
95	15.921	4760	4768	4785	rVB2	11315	19276	0.13%	0.044%
96	16.065	4805	4813	4819	rBV2	16255	24737	0.17%	0.056%
97	16.438	4924	4929	4938	rVB3	4734	6291	0.04%	0.014%
98	16.532	4949	4958	4970	rVB	9371	16448	0.11%	0.037%
99	16.744	5013	5024	5043	rBV	181938	293243	2.00%	0.665%
100	17.046	5110	5118	5129	rBV2	21279	34346	0.23%	0.078%

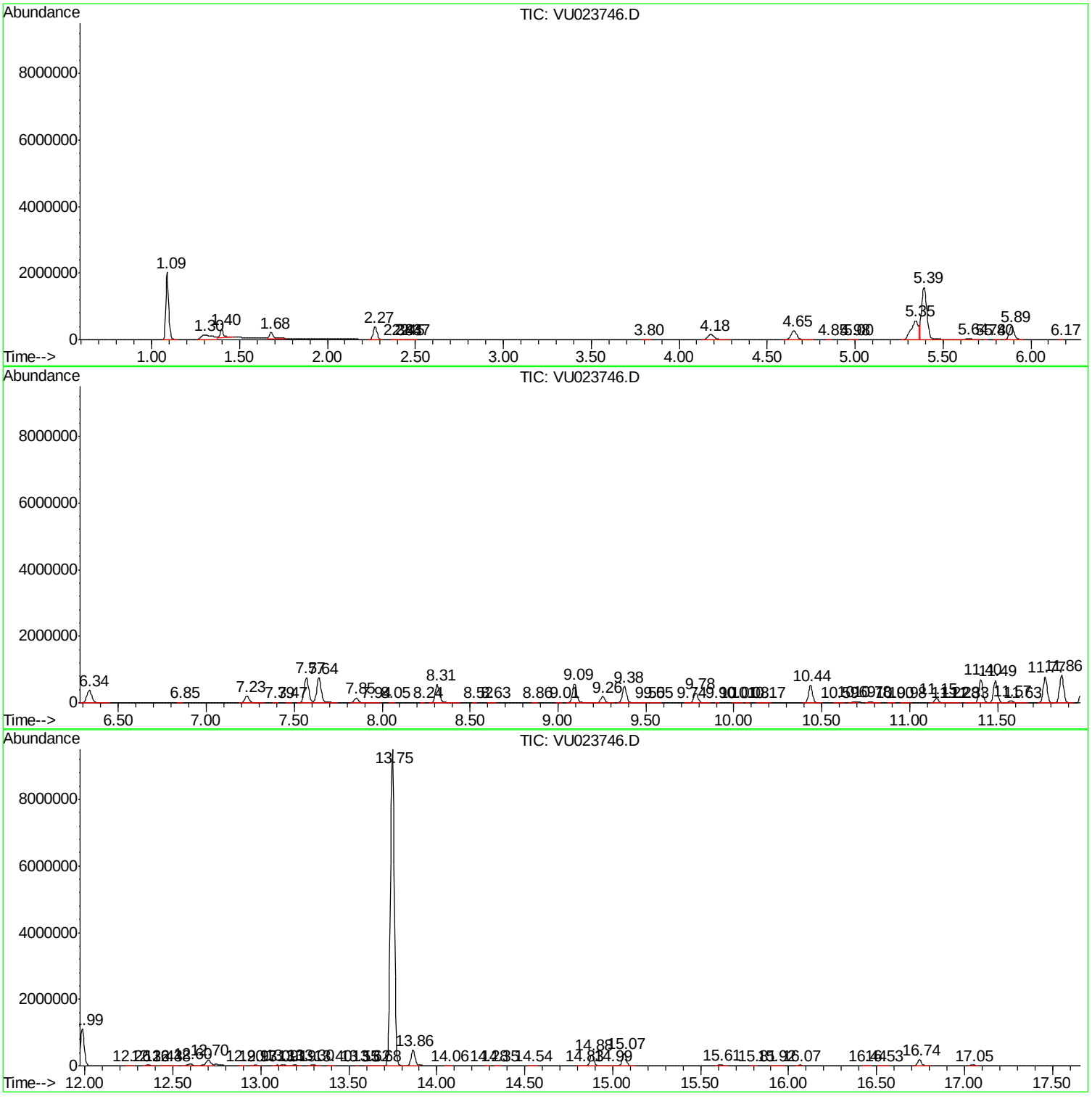
Sum of corrected areas: 44111044

LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
Data File : VU023746.D
Acq On : 08 May 2018 19:36
Operator : MD/SY
Sample : J2725-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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



Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
Data File : VU023746.D
Acq On : 08 May 2018 19:36
Operator : MD/SY
Sample : J2725-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

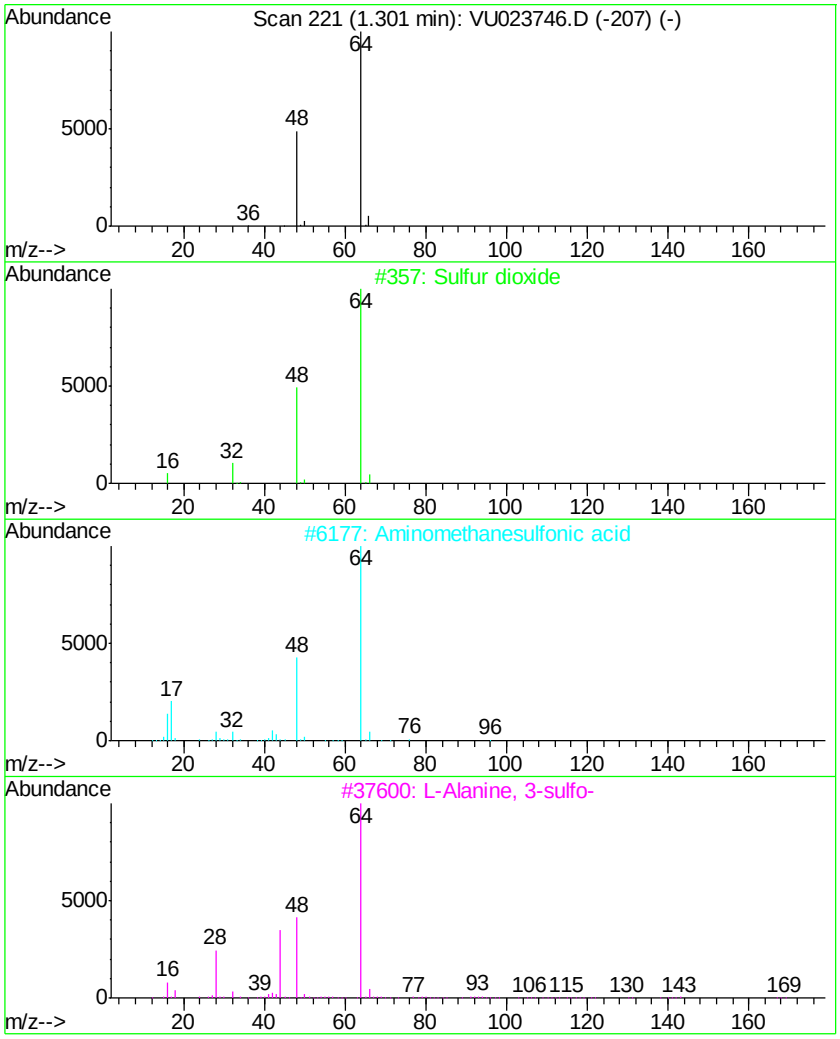
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

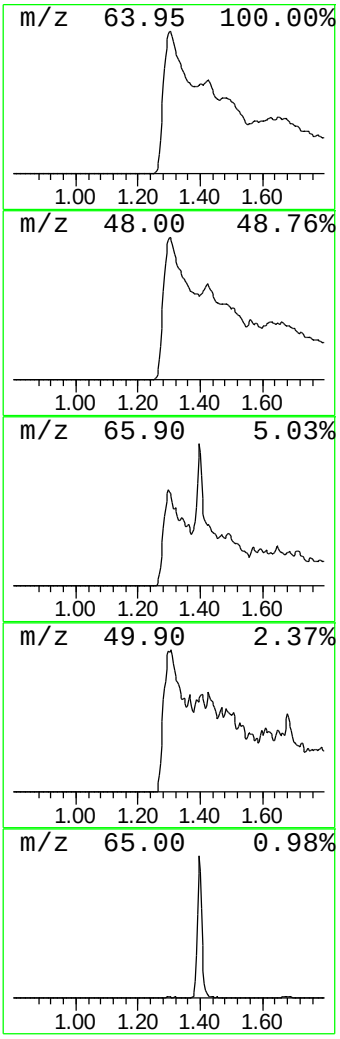
****

Peak Number 2 Sulfur dioxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.30	40.14 ug/L	642939	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
Data File : VU023746.D
Acq On : 08 May 2018 19:36
Operator : MD/SY
Sample : J2725-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

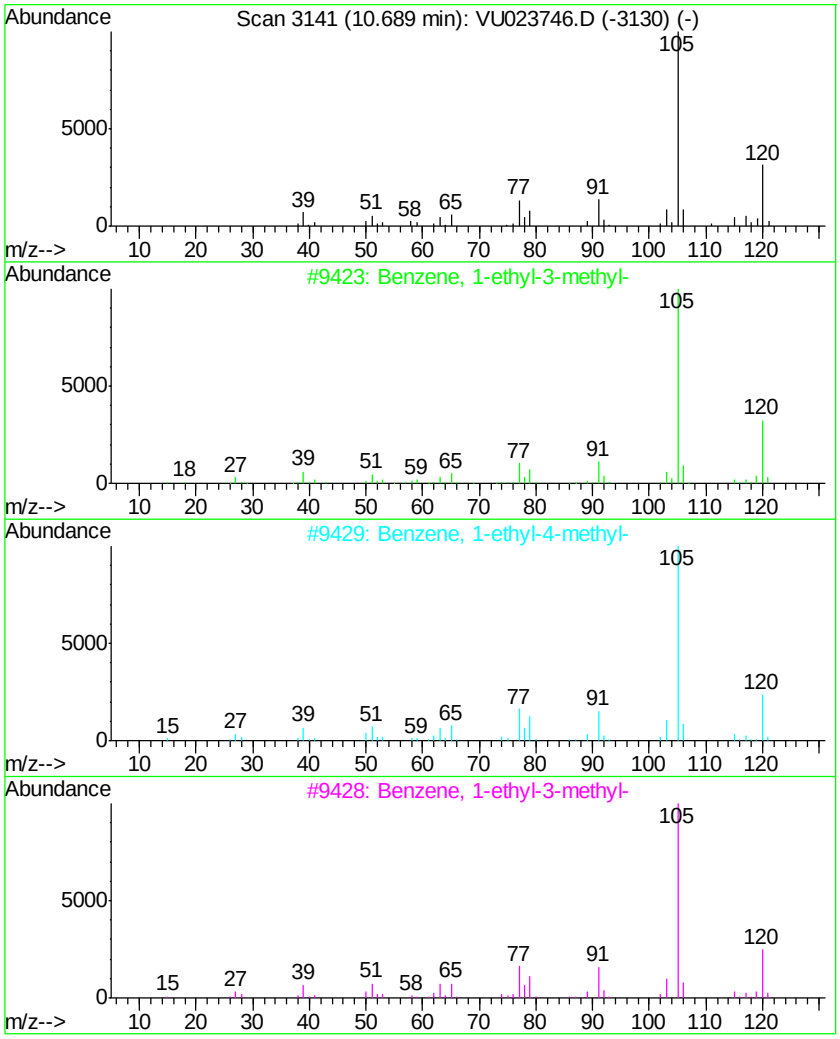
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

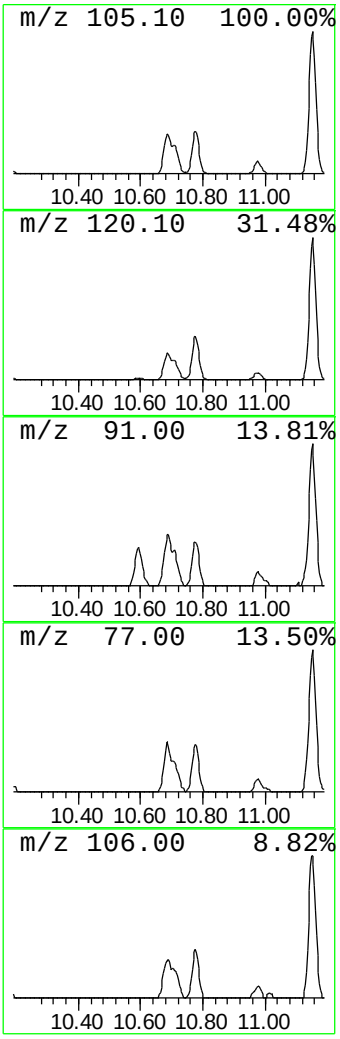
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	2.63 ug/L	56632	1,4-Dichlorobenzene-d4	11.49

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-4-methyl-	120	C9H12	000622-96-8	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
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Acq On : 08 May 2018 19:36
Operator : MD/SY
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

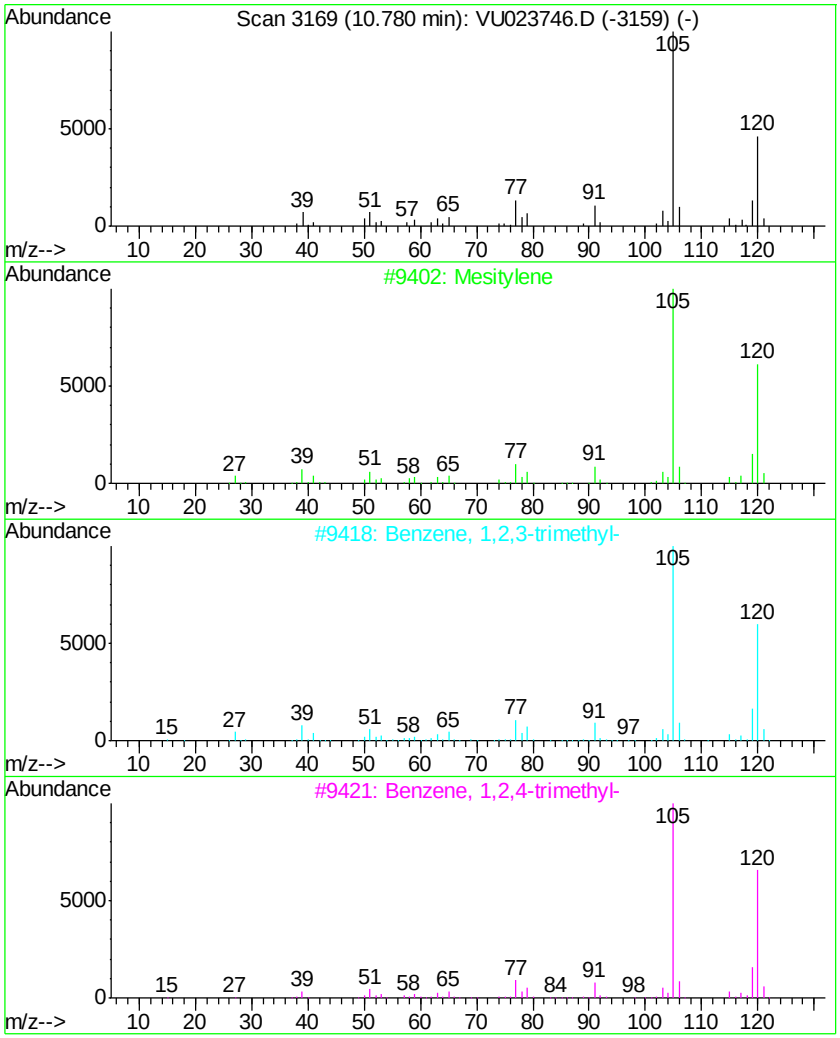
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

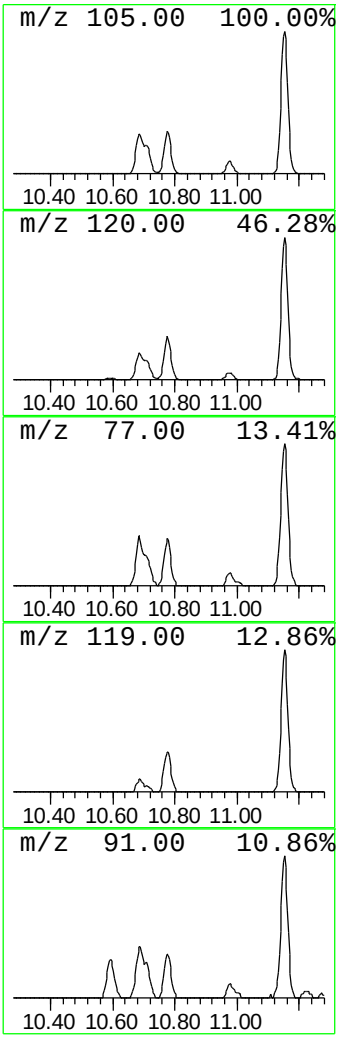
****

Peak Number 6 Mesitylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.80 ug/L	60220	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	94





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Acq On : 08 May 2018 19:36
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Sample : J2725-13 20X
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ALS Vial : 23 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

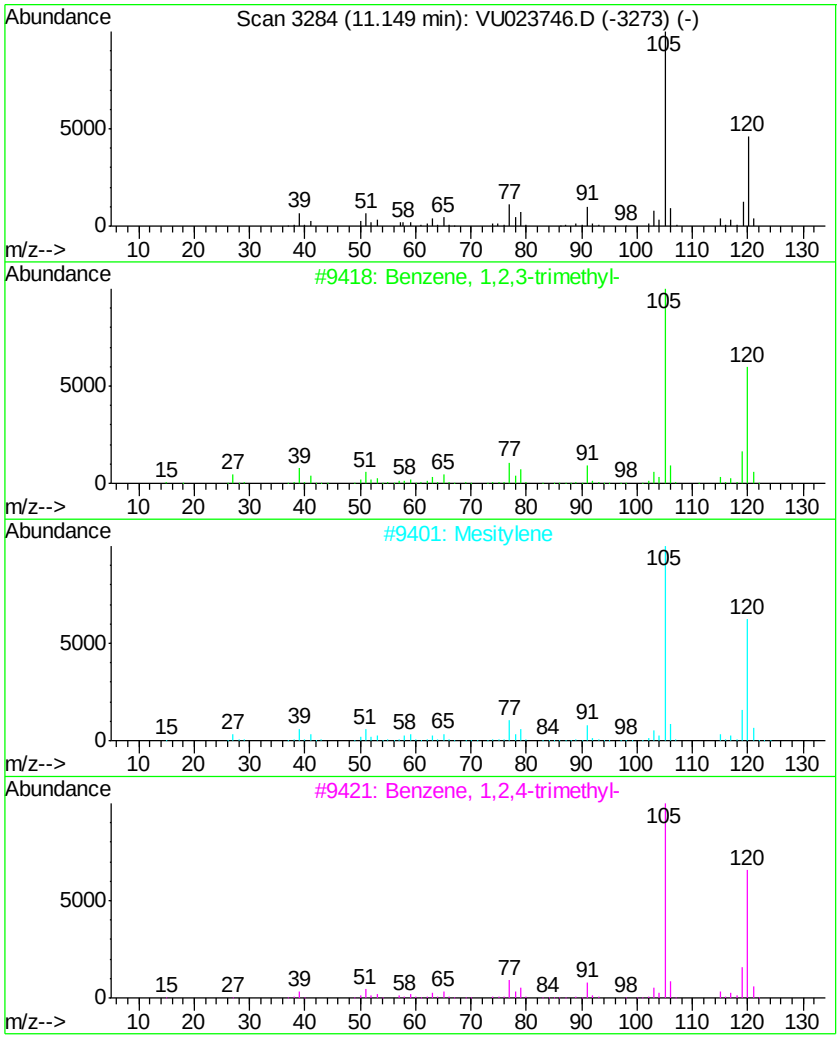
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

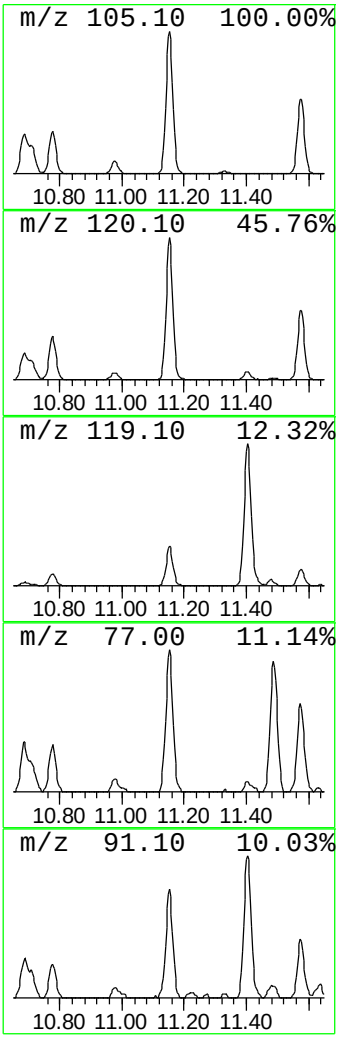
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	9.41 ug/L	202706	1,4-Dichlorobenzene-d4	11.49

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





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Sample : J2725-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

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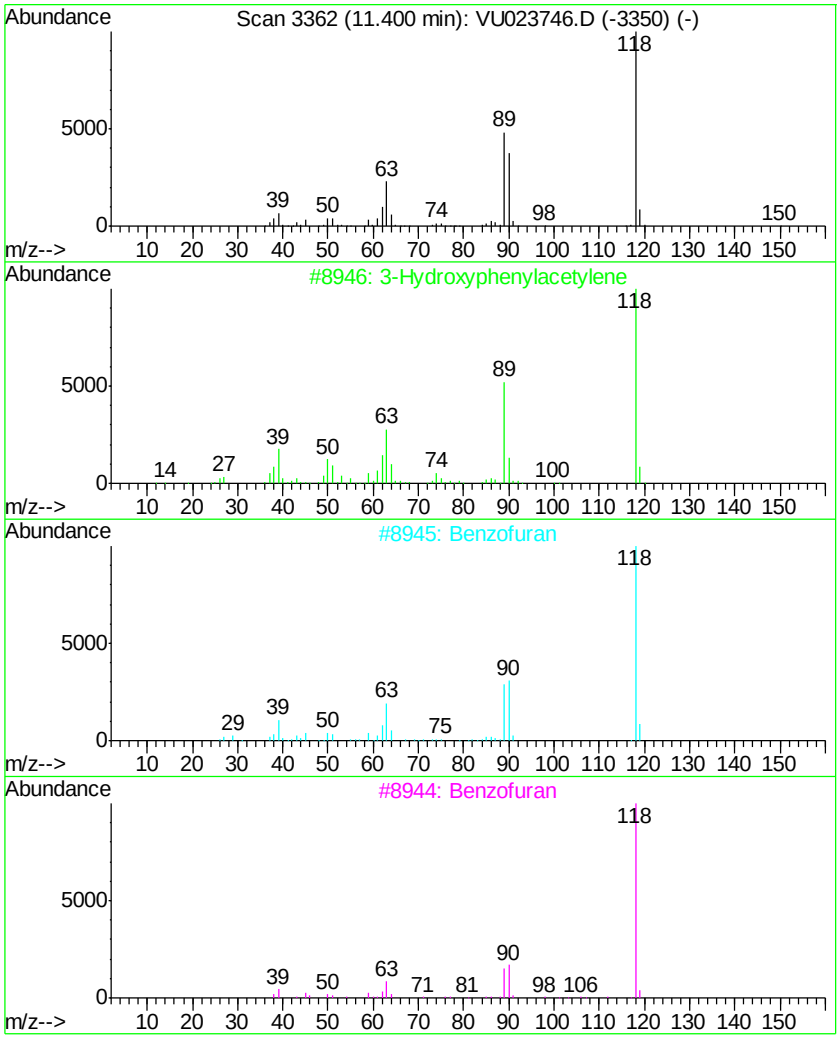
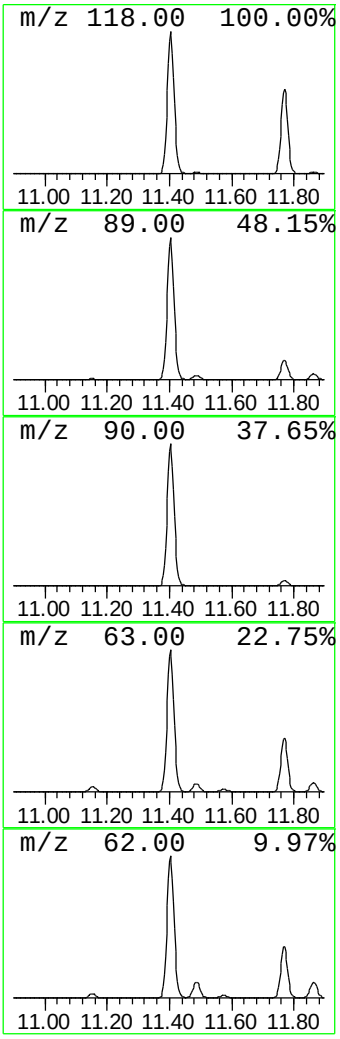
Peak Number 8 3-Hydroxyphenylacetylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	50.95 ug/L	1097700	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	91
2	Benzofuran	118	C8H6O	000271-89-6	90
3	Benzofuran	118	C8H6O	000271-89-6	87
4	Benzofuran	118	C8H6O	000271-89-6	87
5	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	64





Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

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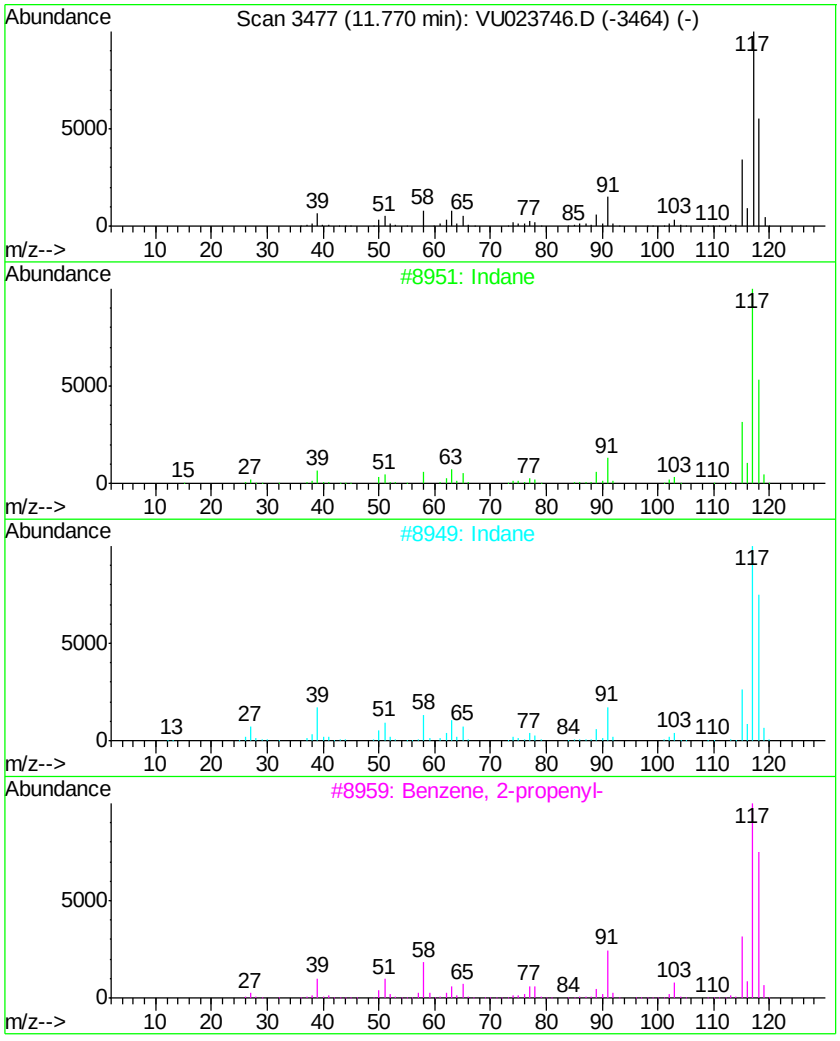
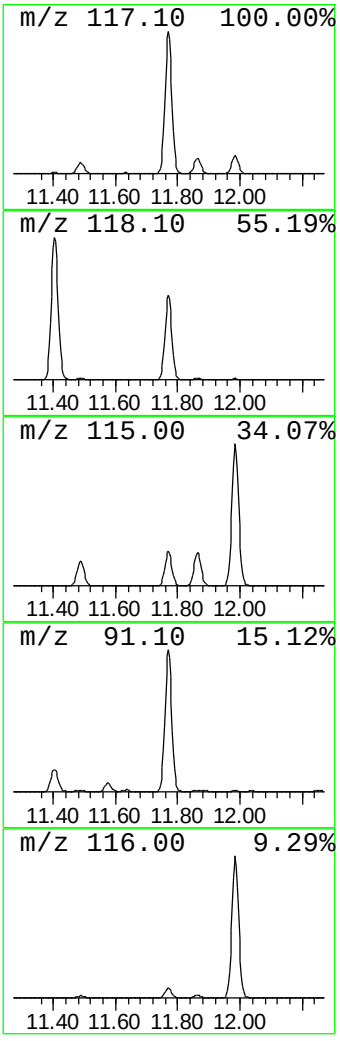
Peak Number 10 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	56.56 ug/L	1218500	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	91
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	80
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74





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Data File : VU023746.D
Acq On : 08 May 2018 19:36
Operator : MD/SY
Sample : J2725-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

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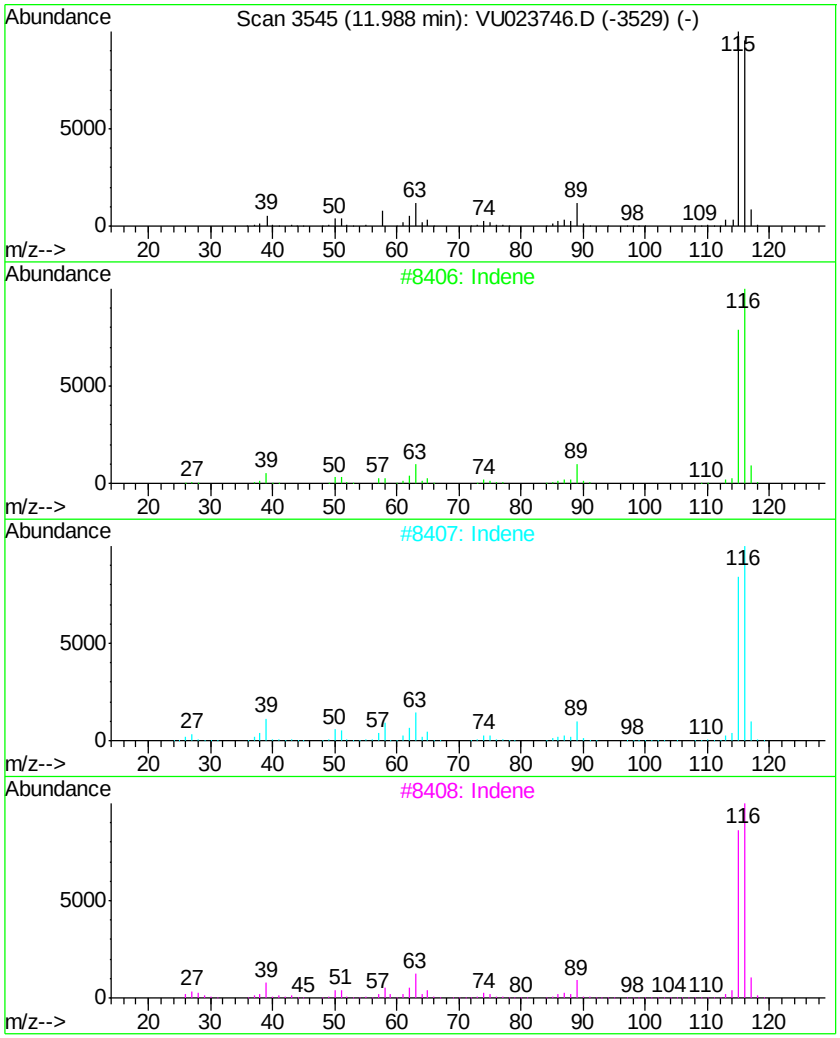
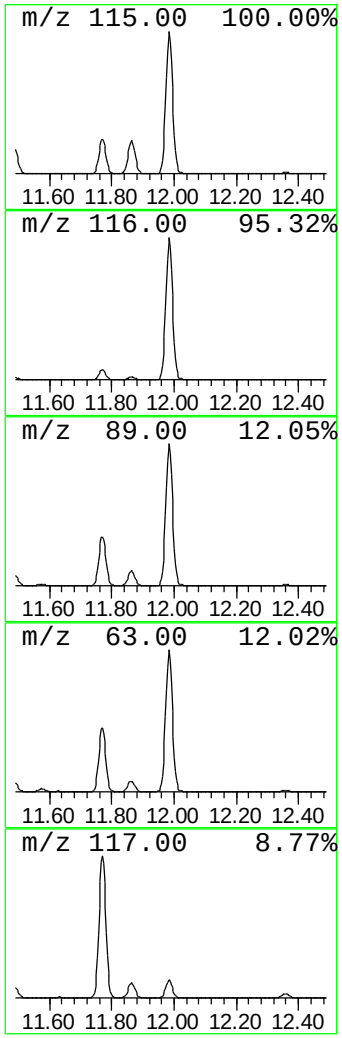
Peak Number 11 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	79.79 ug/L	1718890	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	96
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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Acq On : 08 May 2018 19:36
Operator : MD/SY
Sample : J2725-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

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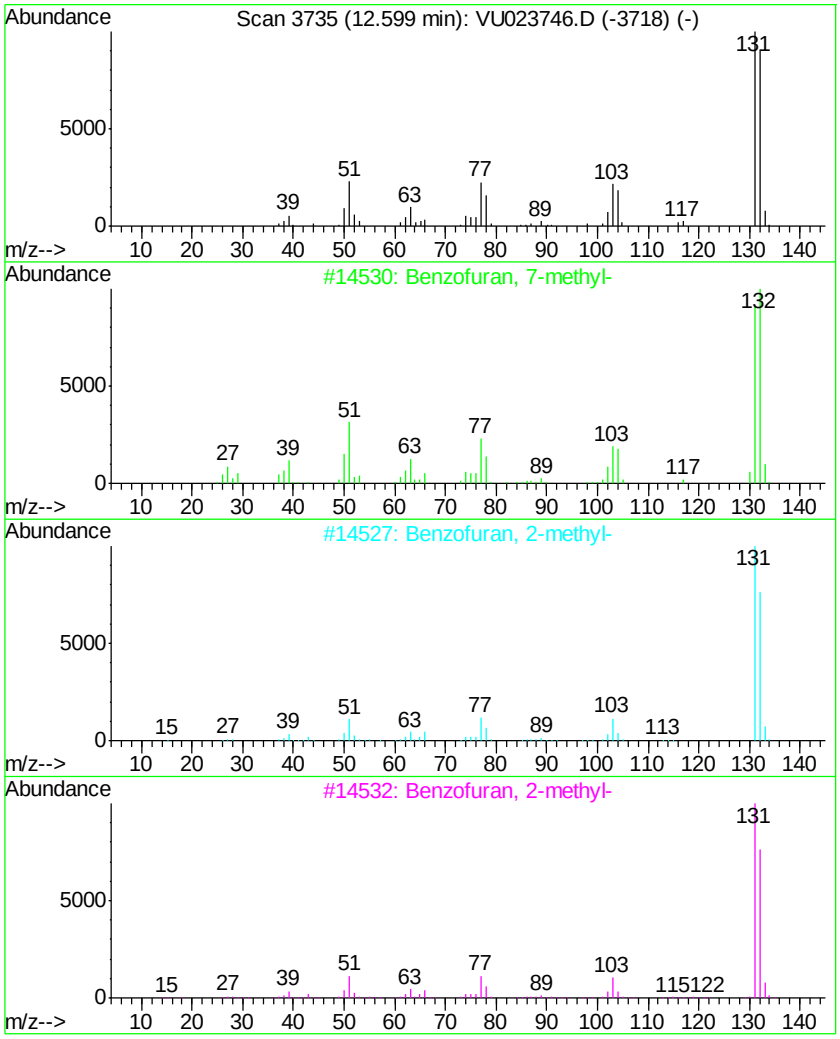
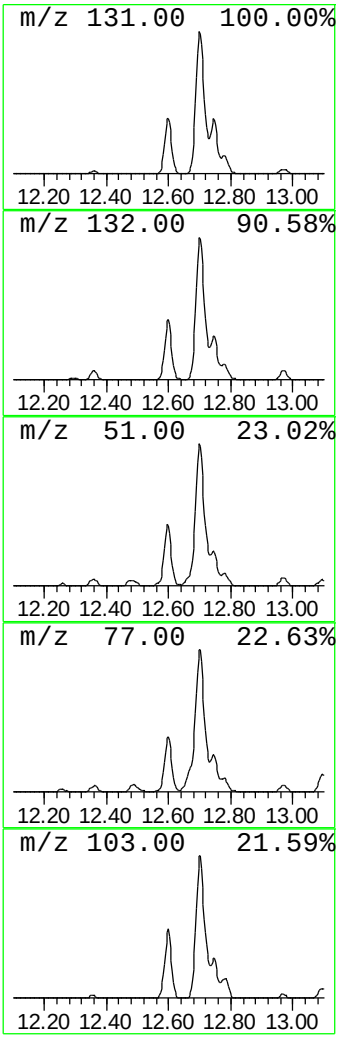
Peak Number 12 Benzofuran, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	5.61 ug/L	120934	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	96
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
Data File : VU023746.D
Acq On : 08 May 2018 19:36
Operator : MD/SY
Sample : J2725-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

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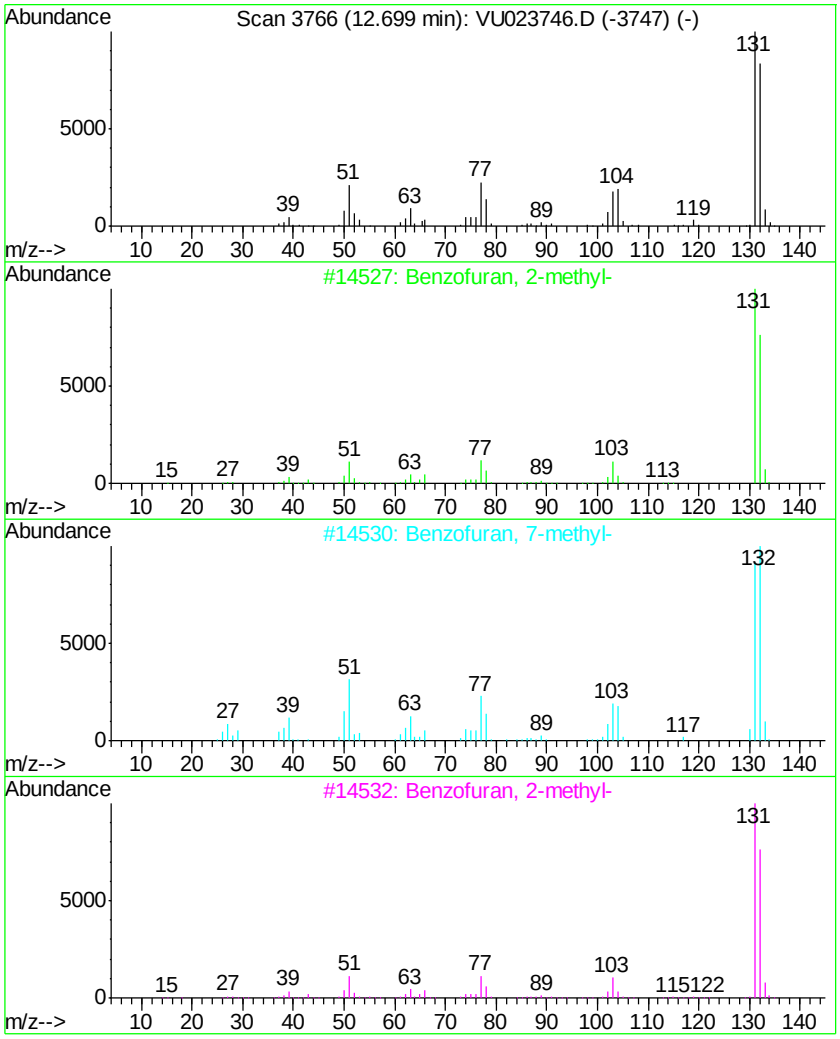
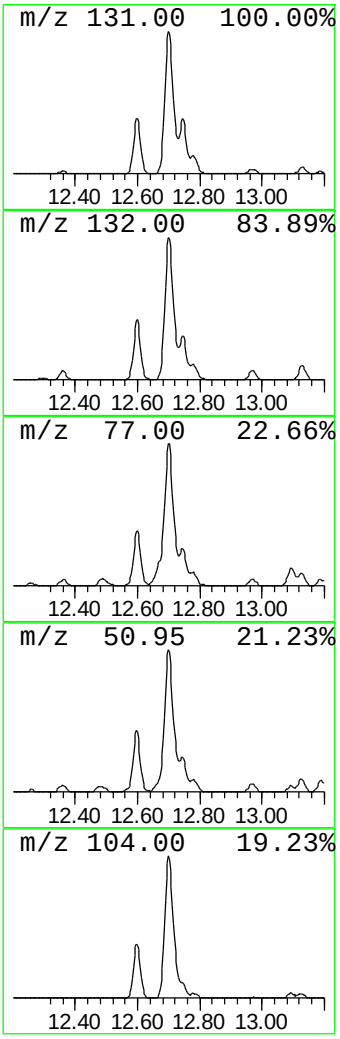
Peak Number 13 Benzofuran, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	16.25 ug/L	350029	1,4-Dichlorobenzene-d4	11.49

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





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Acq On : 08 May 2018 19:36
Operator : MD/SY
Sample : J2725-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

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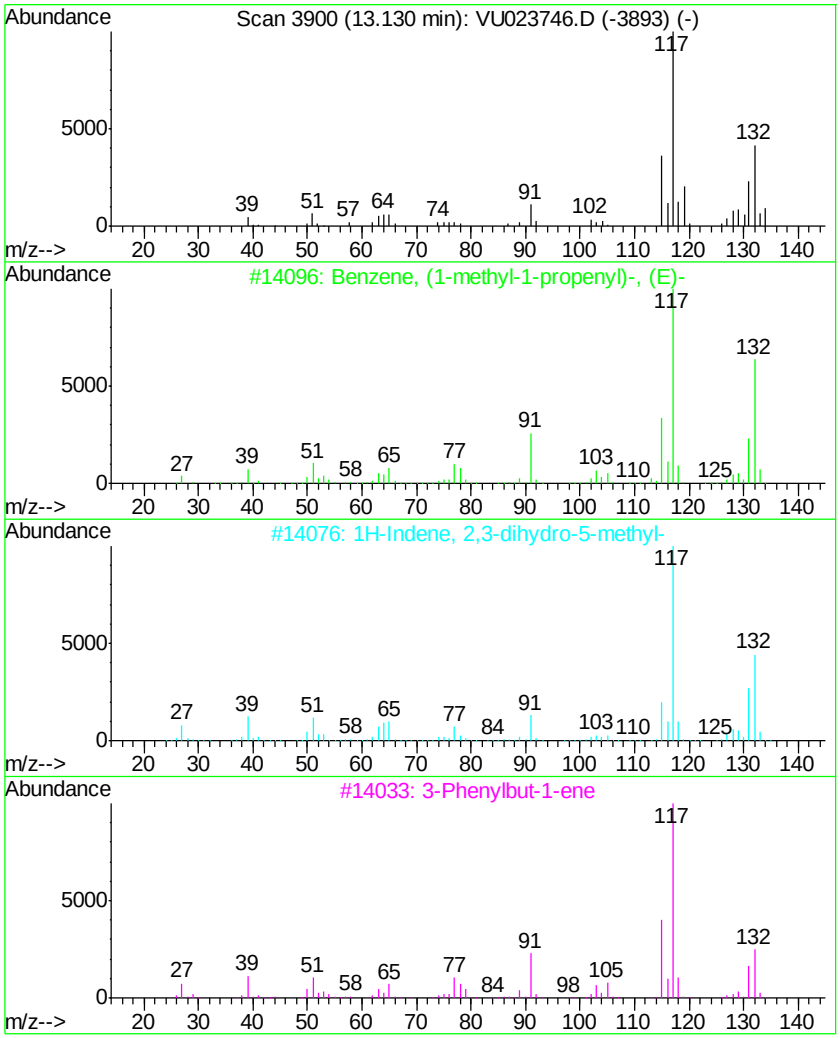
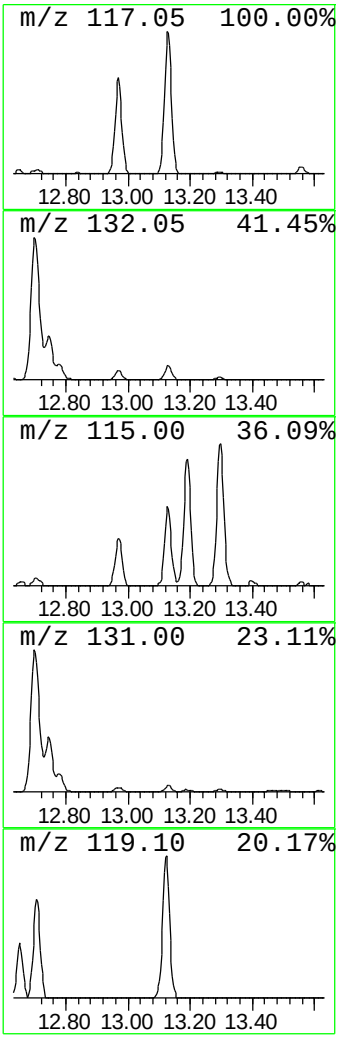
Peak Number 14 Benzene, (1-methyl-1-propen... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.82 ug/L	60674	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	80
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	74





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Data File : VU023746.D
Acq On : 08 May 2018 19:36
Operator : MD/SY
Sample : J2725-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

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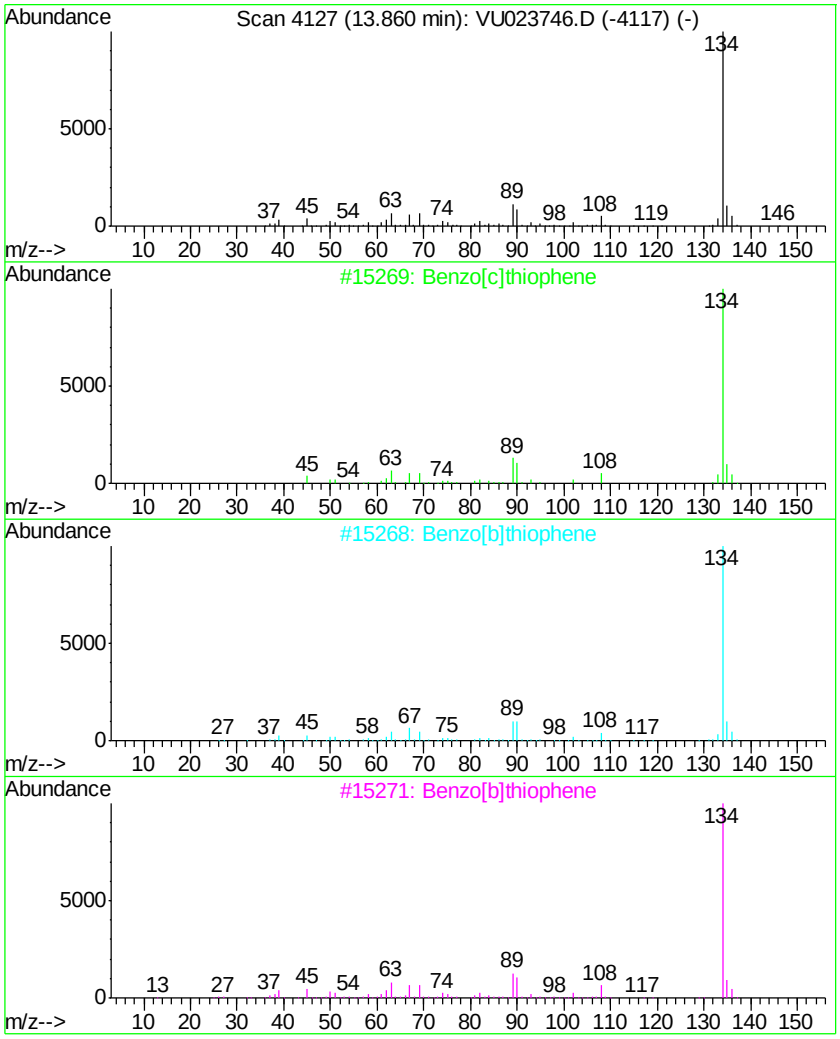
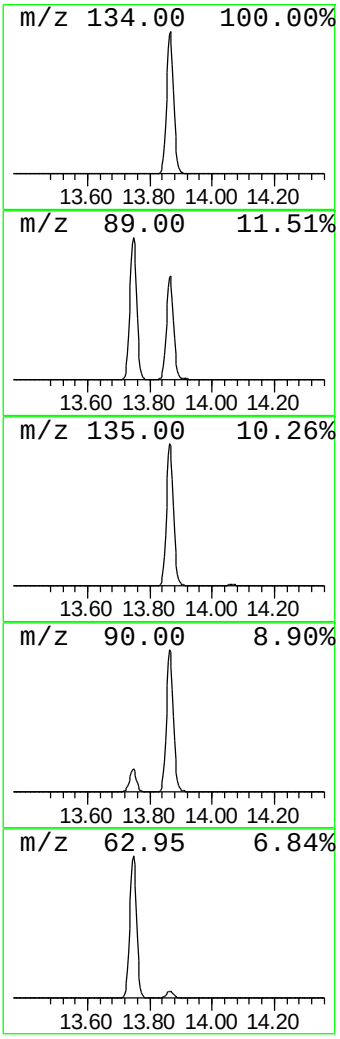
Peak Number 16 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	33.56 ug/L	723093	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





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Acq On : 08 May 2018 19:36
Operator : MD/SY
Sample : J2725-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

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Peak Number 18 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	26.70 ug/L	575196	1,4-Dichlorobenzene-d4	11.49

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
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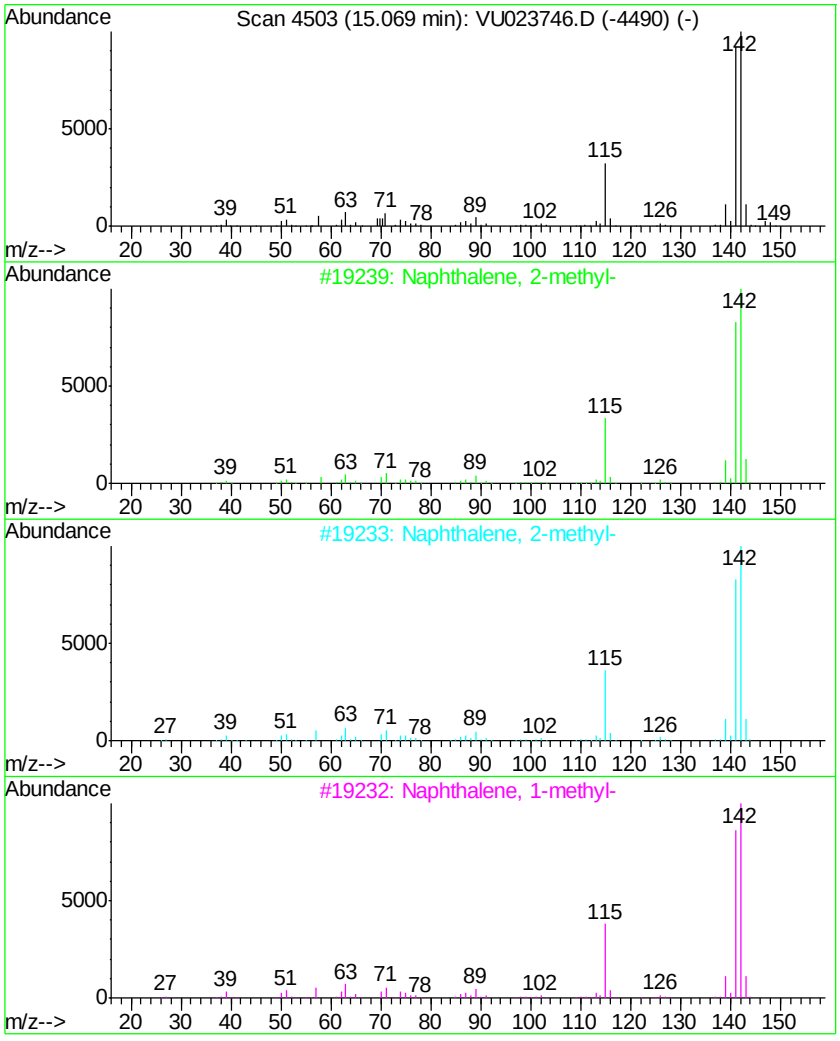
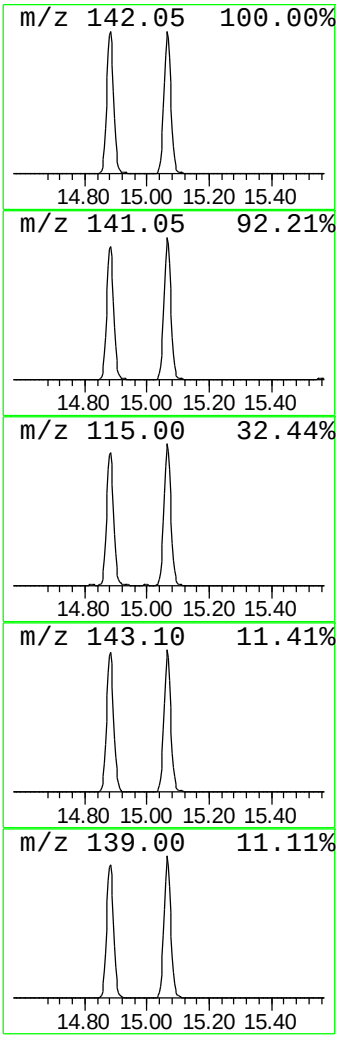
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Data File : VU023746.D
Acq On : 08 May 2018 19:36
Operator : MD/SY
Sample : J2725-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

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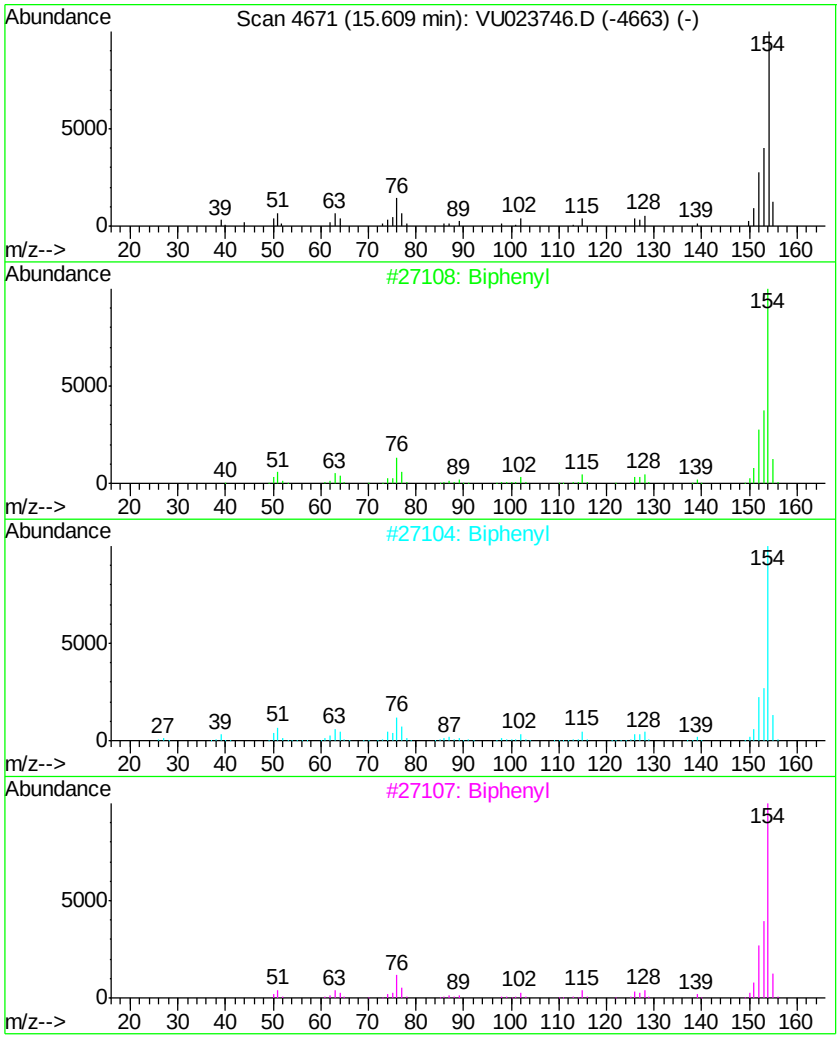
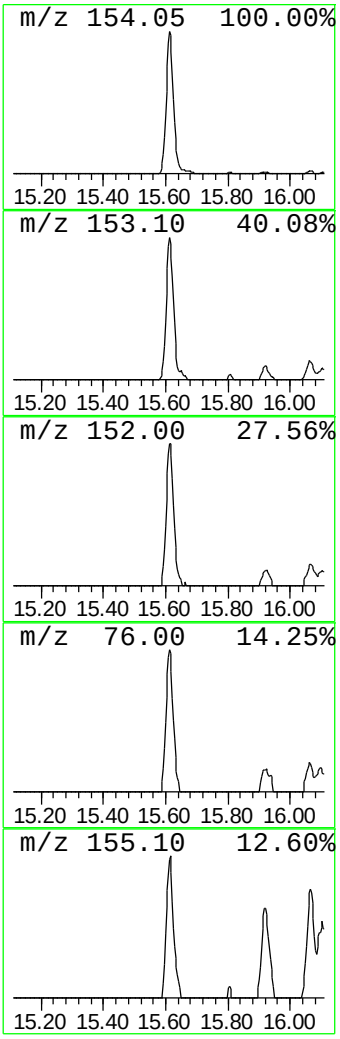
Peak Number 19 Biphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.53 ug/L	54569	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	94
3	Biphenyl	154	C12H10	000092-52-4	94
4	Biphenyl	154	C12H10	000092-52-4	93
5	Biphenyl	154	C12H10	000092-52-4	90





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
Data File : VU023746.D
Acq On : 08 May 2018 19:36
Operator : MD/SY
Sample : J2725-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.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
Sulfur dioxide	1.30	40.1	ug/L	642939	1	5.89	800843	50.0
Benzene, 1-ethyl-...	10.69	2.6	ug/L	56632	3	11.49	1077160	50.0
Mesitylene	10.78	2.8	ug/L	60220	3	11.49	1077160	50.0
Benzene, 1,2,3-tr...	11.15	9.4	ug/L	202706	3	11.49	1077160	50.0
3-Hydroxyphenylac...	11.40	51.0	ug/L	1097700	3	11.49	1077160	50.0
Indane	11.77	56.6	ug/L	1218500	3	11.49	1077160	50.0
Indene	11.99	79.8	ug/L	1718890	3	11.49	1077160	50.0
Benzofuran, 7-met...	12.60	5.6	ug/L	120934	3	11.49	1077160	50.0
Benzofuran, 2-met...	12.70	16.3	ug/L	350029	3	11.49	1077160	50.0
Benzene, (1-methy...	13.13	2.8	ug/L	60674	3	11.49	1077160	50.0
Benzo[c]thiophene	13.86	33.6	ug/L	723093	3	11.49	1077160	50.0
Naphthalene, 1-me...	15.07	26.7	ug/L	575196	3	11.49	1077160	50.0
Biphenyl	15.61	2.5	ug/L	54569	3	11.49	1077160	50.0