LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 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\SOMULM050118WMA.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	134	155	172	rBV	1737382	1922693	0.93%	0.566%
2	1.185	181	185	186	rBV	13744	10377	0.01%	0.003%
3	1.330	213	230	245	rBV	227069	1011995	0.49%	0.298%
4	2.272	512	523	533	rBV	264513	400803	0.19%	0.118%
5	2.323	534	539	550	rVB	25143	37204	0.02%	0.011%
6	2.445	568	577	580	rBV	7128	10392	0.01%	0.003%
7	2.478	581	587	597	rVB	17737	27770	0.01%	0.008%
8	3.805	986	1000	1017	rVV4	6504	14939	0.01%	0.004%
9	4.111	1080	1095	1101	rBV9	2114	5345	0.00%	0.002%
10	4.178	1101	1116	1140	rBV	144606	373285	0.18%	0.110%
11	4.651	1245	1263	1287	rBV	195858	458910	0.22%	0.135%
12	4.892	1330	1338	1342	rBV4	620	1102	0.00%	0.000%
13	4.998	1360	1371	1384	rVB6	4804	11256	0.01%	0.003%
14	5.346	1452	1479	1482	rBV2	421545	1044375	0.50%	0.308%
15	5.394	1484	1494	1548	rVB	3601642	7674953	3.70%	2.260%
16	5.645	1561	1572	1591	rVB	48769	102038	0.05%	0.030%
17	5.793	1610	1618	1624	rBV5	1263	2020	0.00%	0.001%
18	5.889	1634	1648	1683	rBV	382759	774115	0.37%	0.228%
19	6.336	1762	1787	1805	rBV	278738	569632	0.27%	0.168%
20	7.233	2053	2066	2088	rBV	149753	269732	0.13%	0.079%
21	7.471	2134	2140	2150	rVB3	2236	3576	0.00%	0.001%
22	7.571	2156	2171	2181	rBV	538023	950501	0.46%	0.280%
23	7.641	2181	2193	2226	rVB	5968781	10742002	5.18%	3.163%
24	7.854	2249	2259	2275	rVB	105731	179072	0.09%	0.053%
25	7.944	2277	2287	2302	rVB	43260	73290	0.04%	0.022%
26	8.313	2388	2402	2434	rBV	493584	875378	0.42%	0.258%
27	8.461	2442	2448	2465	rVB3	13382	24515	0.01%	0.007%
28	8.583	2482	2486	2497	rVB5	959	1291	0.00%	0.000%
29	9.095	2632	2645	2681	rBV	542070	951562	0.46%	0.280%
30	9.252	2681	2694	2718	rBV	1187427	2012950	0.97%	0.593%
31	9.378	2720	2733	2766	rVB	3186273	5346028	2.58%	1.574%
32	9.548	2778	2786	2802	rVB	25226	43179	0.02%	0.013%
33	9.625	2805	2810	2813	rBV5	999	958	0.00%	0.000%
34	9.738	2835	2845	2847	rBV2	14509	17425	0.01%	0.005%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 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\SOMULM050118WMA.M
Title : VOC Analysis

35	9.783	2848	2859	2888	rVB	1721847	2777947	1.34%	0.818%
36	9.895	2890	2894	2895	rBV3	1815	1080	0.00%	0.000%
37	10.014	2923	2931	2943	rVB	9156	14989	0.01%	0.004%
38	10.085	2946	2953	2963	rVB5	2386	4008	0.00%	0.001%
39	10.172	2963	2980	2998	rBV	62448	106326	0.05%	0.031%
40	10.435	3048	3062	3079	rBV	399680	647216	0.31%	0.191%
41	10.513	3079	3086	3098	rVB4	7046	10114	0.00%	0.003%
42	10.593	3100	3111	3124	rBV	34657	54766	0.03%	0.016%
43	10.686	3126	3140	3158	rBV	354645	801219	0.39%	0.236%
44	10.776	3158	3168	3184	rVB	309370	466146	0.22%	0.137%
45	10.898	3198	3206	3216	rVB6	3459	5622	0.00%	0.002%
46	10.976	3219	3230	3256	rVB	108448	185993	0.09%	0.055%
47	11.152	3270	3285	3301	rBV	762888	1167655	0.56%	0.344%
48	11.271	3313	3322	3323	rBV6	1474	2340	0.00%	0.001%
49	11.329	3334	3340	3348	rVB3	3762	5088	0.00%	0.001%
50	11.403	3350	3363	3378	rBV	3875217	6019132	2.90%	1.772%
51	11.487	3378	3389	3405	rVB	676771	1061765	0.51%	0.313%
52	11.577	3405	3417	3428	rBV	287664	468228	0.23%	0.138%
53	11.770	3461	3477	3495	rBV	7562887	11869973	5.73%	3.495%
54	11.866	3496	3507	3527	rVB2	636127	1083214	0.52%	0.319%
55	11.985	3530	3544	3561	rBV	6887550	10582190	5.11%	3.116%
56	12.066	3563	3569	3577	rVB2	19678	29002	0.01%	0.009%
57	12.152	3588	3596	3600	rBV	15066	21024	0.01%	0.006%
58	12.255	3619	3628	3634	rBV	53134	80603	0.04%	0.024%
59	12.291	3635	3639	3649	rVB	40737	52308	0.03%	0.015%
60	12.358	3649	3660	3682	rVB	289500	453986	0.22%	0.134%
61	12.477	3682	3697	3710	rBV4	64086	133311	0.06%	0.039%
62	12.574	3714	3727	3730	rBV	480629	713465	0.34%	0.210%
63	12.699	3746	3766	3775	rBV	1272819	2540933	1.23%	0.748%
64	12.969	3840	3850	3866	rVB	307835	482502	0.23%	0.142%
65	13.127	3879	3899	3910	rBV2	447650	802129	0.39%	0.236%
66	13.191	3910	3919	3933	rVB	153217	239357	0.12%	0.070%
67	13.297	3939	3952	3966	rVB2	310299	506784	0.24%	0.149%
68	13.394	3973	3982	3990	rBV4	19059	35019	0.02%	0.010%
69	13.451	3992	4000	4011	rVV2	39433	83498	0.04%	0.025%
70	13.516	4013	4020	4029	rVV7	32037	57598	0.03%	0.017%
71	13.567	4031	4036	4042	rVV2	17564	29004	0.01%	0.009%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 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\SOMULM050118WMA.M
Title : VOC Analysis

72	13.615	4045	4051	4072	rVB4	59231	113763	0.05%	0.033%
73	13.789	4078	4105	4117	rBV2	73208048	207259924	100.00%	61.029%
74	13.876	4121	4132	4152	rVV	5576448	8595858	4.15%	2.531%
75	14.014	4167	4175	4182	rBV3	45061	71653	0.03%	0.021%
76	14.059	4183	4189	4200	rVB4	49696	77063	0.04%	0.023%
77	14.159	4211	4220	4228	rBV2	32951	52958	0.03%	0.016%
78	14.352	4268	4280	4288	rBV4	28360	64644	0.03%	0.019%
79	14.538	4330	4338	4352	rVB3	72418	121929	0.06%	0.036%
80	14.734	4394	4399	4409	rVB7	7518	10223	0.00%	0.003%
81	14.824	4411	4427	4434	rVV	165426	293174	0.14%	0.086%
82	14.885	4434	4446	4469	rVV	11690658	18274726	8.82%	5.381%
83	14.995	4471	4480	4490	rVV	188287	312755	0.15%	0.092%
84	15.069	4490	4503	4528	rVB	6076305	9579552	4.62%	2.821%
85	15.220	4543	4550	4567	rVB4	8996	15836	0.01%	0.005%
86	15.567	4645	4658	4662	rBV3	54464	103972	0.05%	0.031%
87	15.612	4662	4672	4685	rVB	1124974	1705306	0.82%	0.502%
88	15.683	4686	4694	4711	rVB9	24890	59591	0.03%	0.018%
89	15.805	4715	4732	4740	rBV	414832	692681	0.33%	0.204%
90	15.918	4755	4767	4789	rVB	541262	941427	0.45%	0.277%
91	16.062	4802	4812	4819	rBV	572257	918675	0.44%	0.271%
92	16.101	4819	4824	4841	rVB	440968	665504	0.32%	0.196%
93	16.290	4865	4883	4905	rBV2	164522	399778	0.19%	0.118%
94	16.435	4918	4928	4945	rBV	159182	246573	0.12%	0.073%
95	16.535	4946	4959	4975	rBV3	154672	292521	0.14%	0.086%
96	16.638	4983	4991	5001	rVB2	33970	53152	0.03%	0.016%
97	16.744	5011	5024	5043	rBV	5159464	7948224	3.83%	2.340%
98	16.917	5069	5078	5091	rBV2	164402	259830	0.13%	0.077%
99	17.043	5104	5117	5136	rBV	571005	922445	0.45%	0.272%
100	17.342	5204	5210	5215	rBV5	10903	16196	0.01%	0.005%

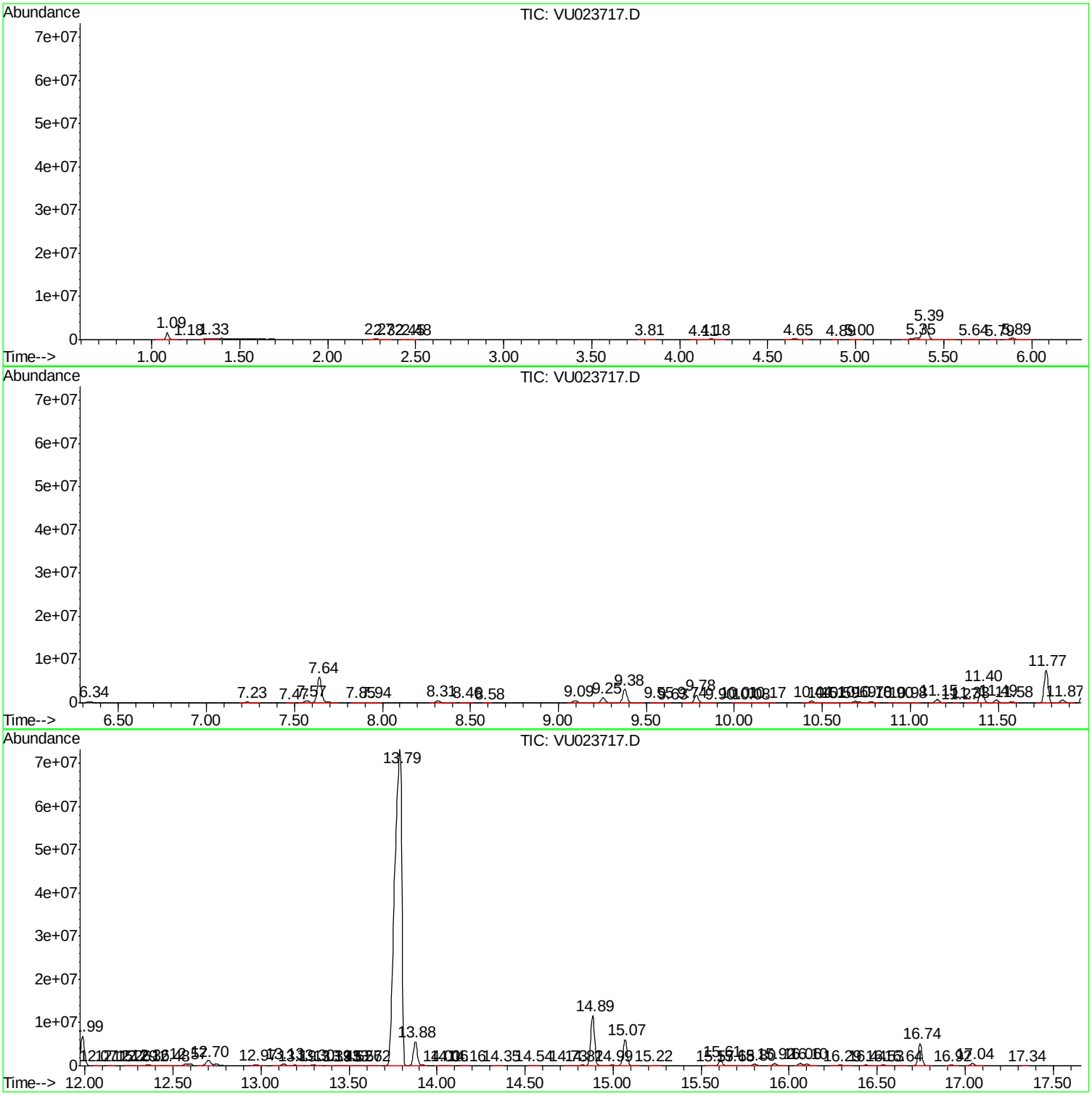
Sum of corrected areas: 339610130

LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

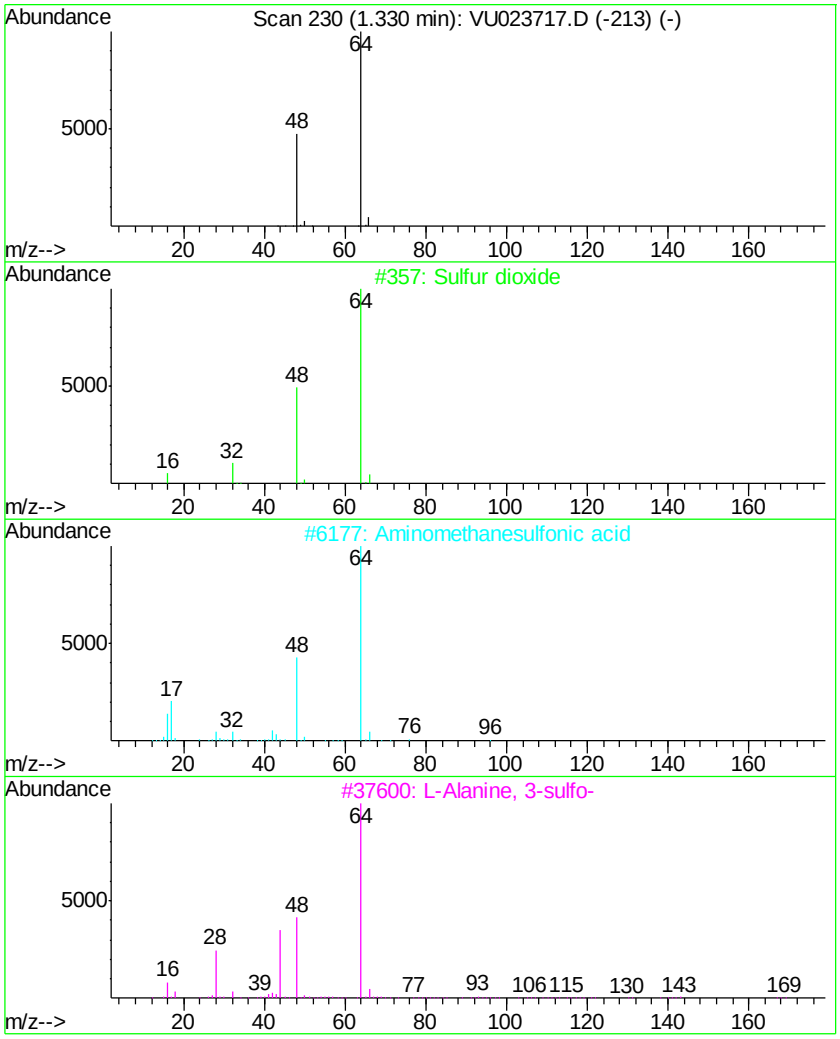
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

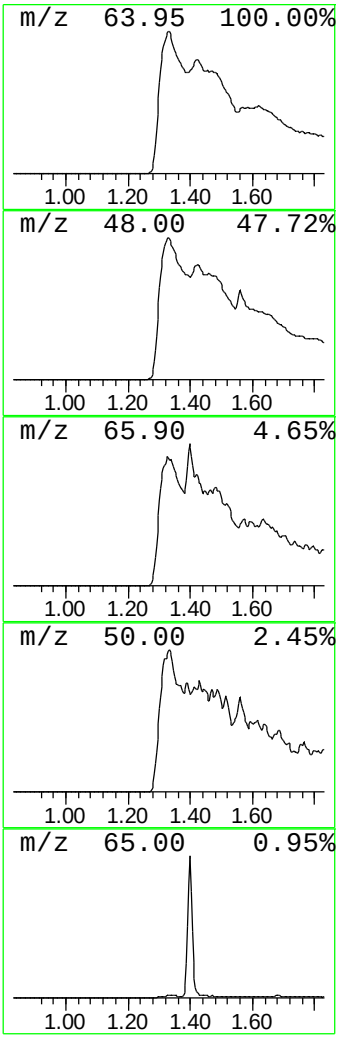
****

Peak Number 2 Sulfur dioxide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.33	65.36 ug/L	1012000	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	Sulfur dioxide	64	O2S	007446-09-5	5





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

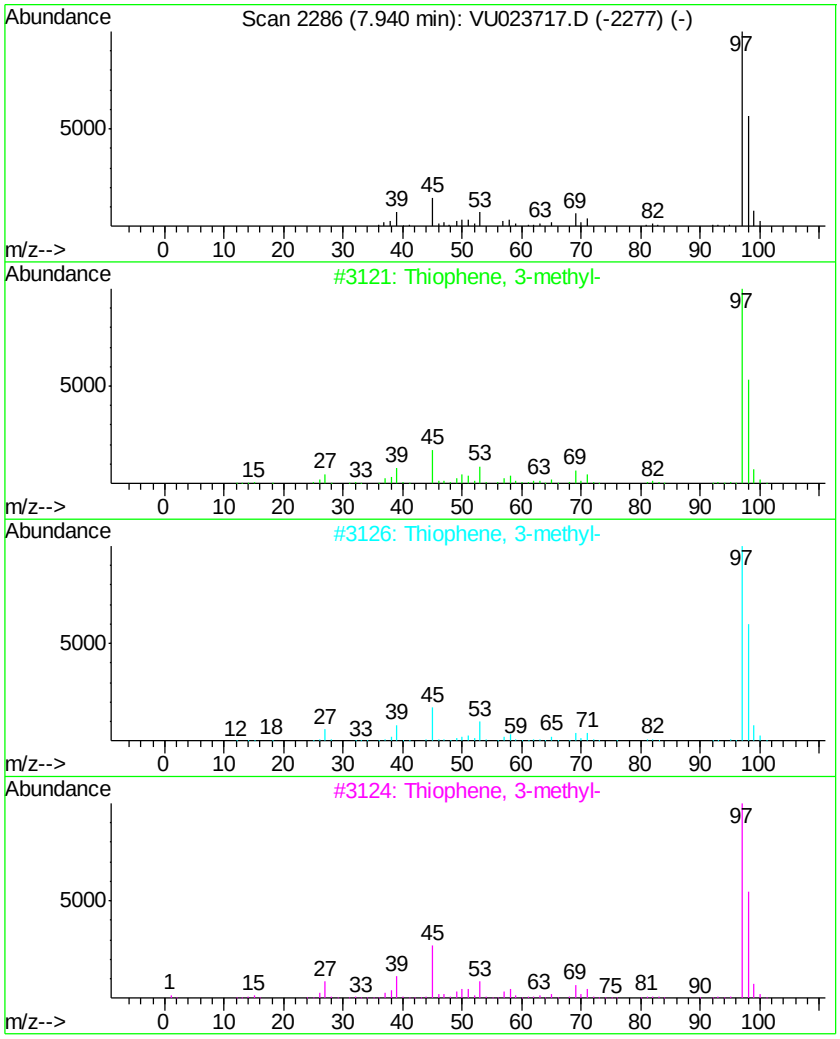
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

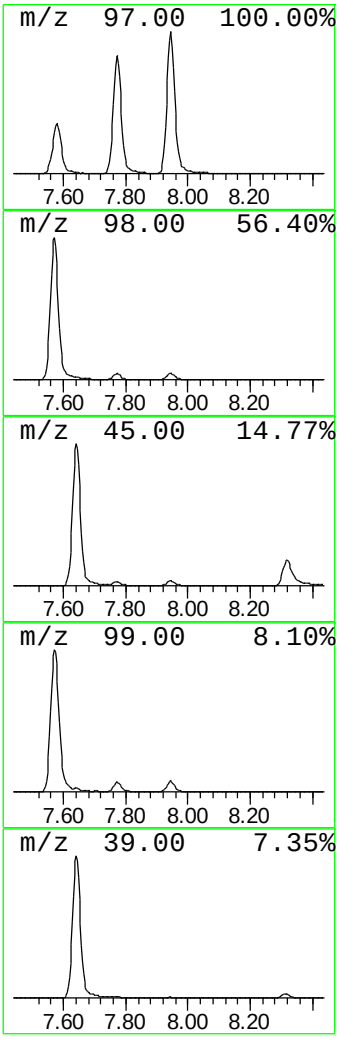
****

Peak Number 5 Thiophene, 3-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	3.85 ug/L	73290	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	97
2	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	94
3	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	94
4	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
5	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

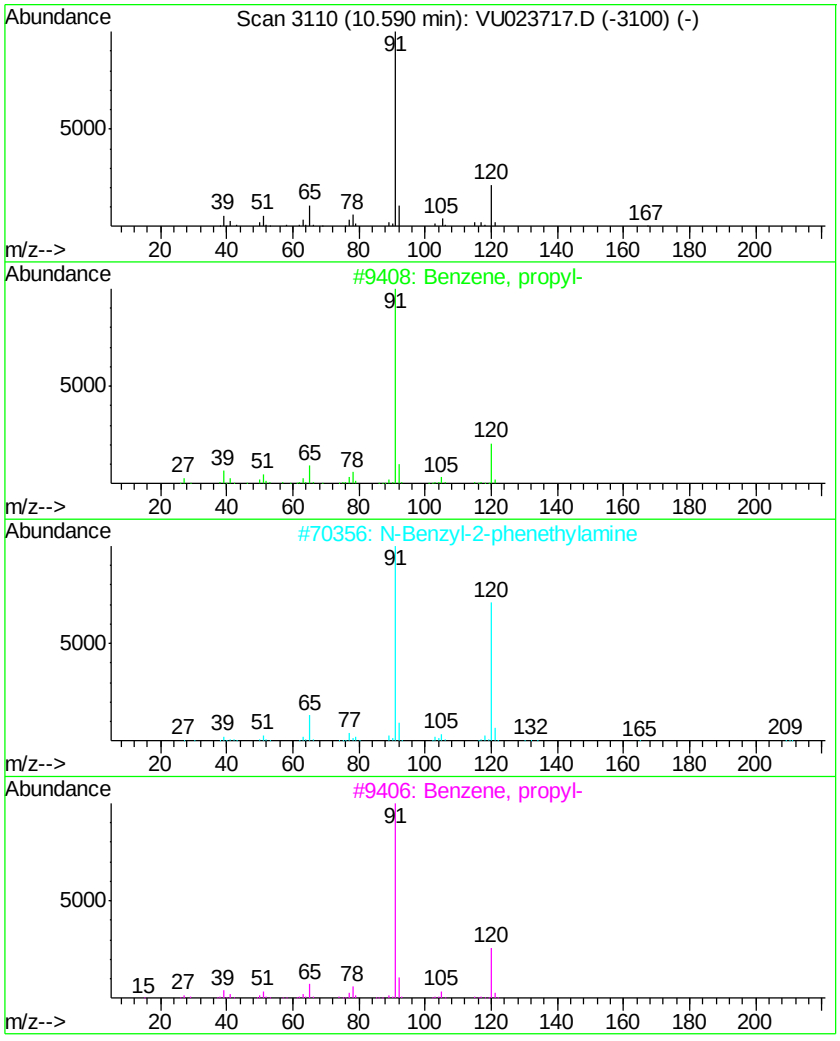
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

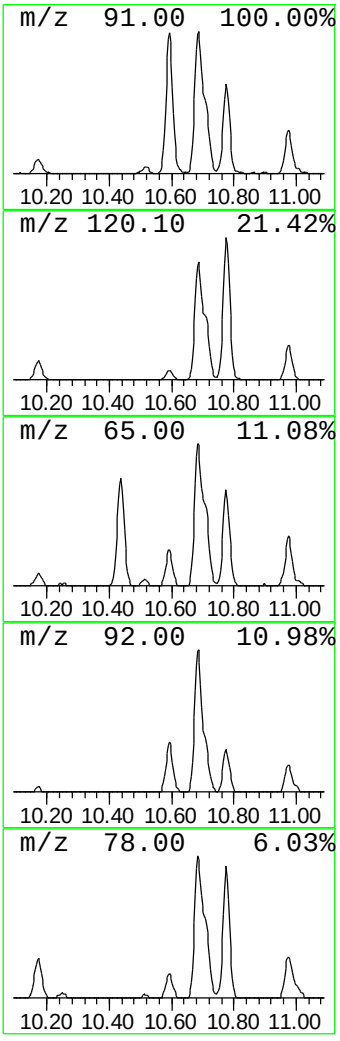
****

Peak Number 6 Benzene, propyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.58 ug/L	54766	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

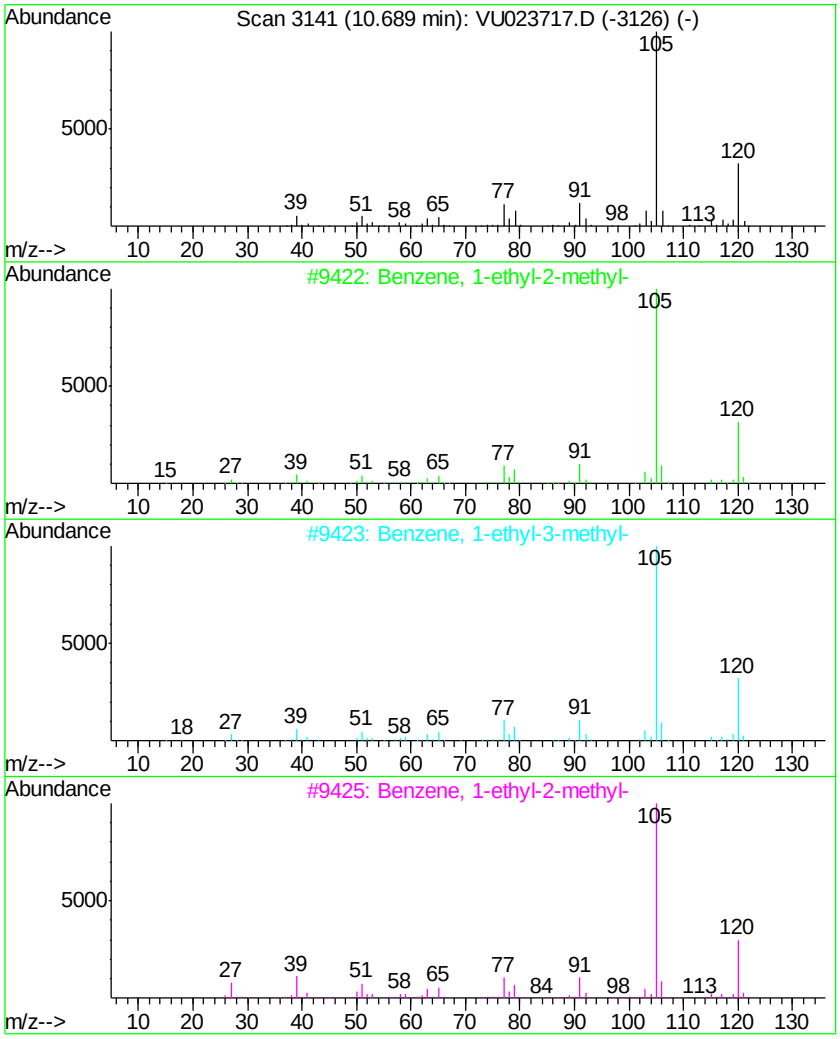
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

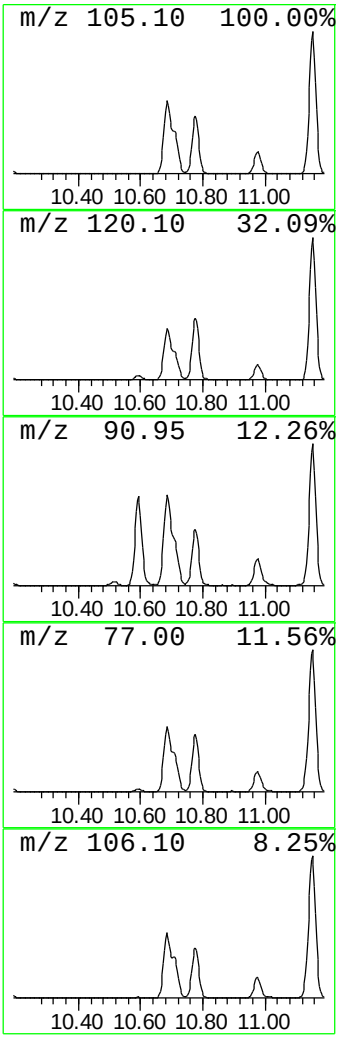
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	37.73 ug/L	801219	1,4-Dichlorobenzene-d4	11.49

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





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

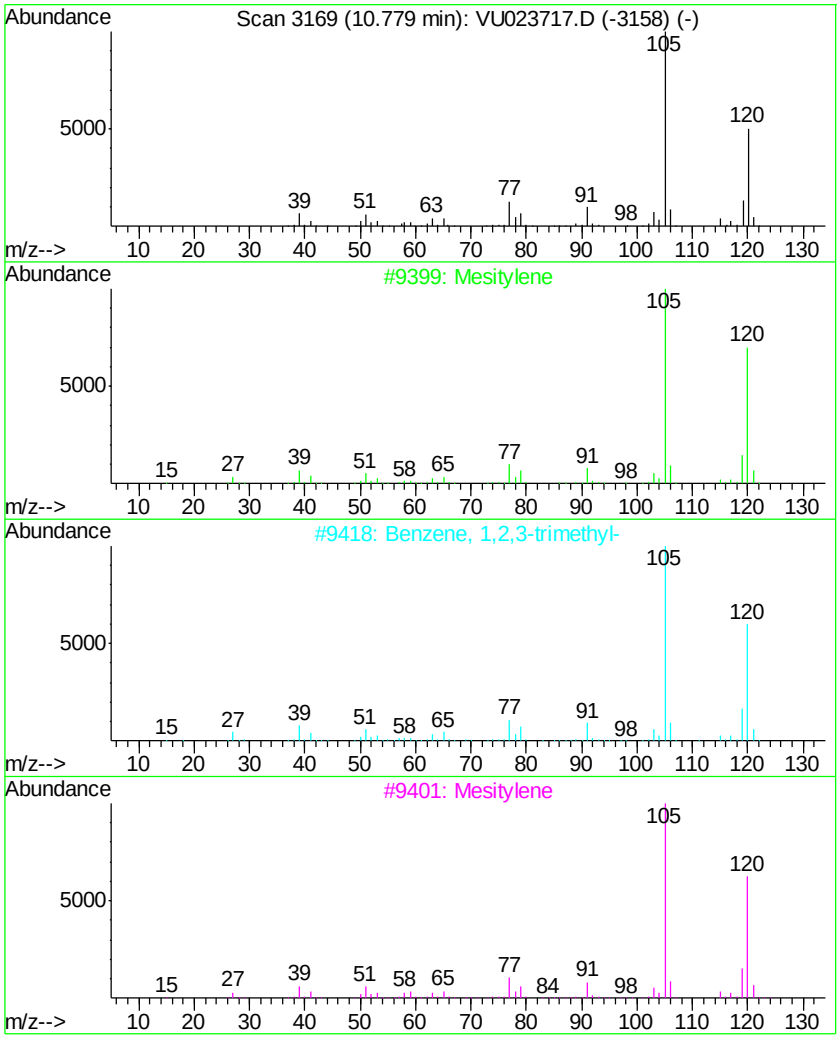
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

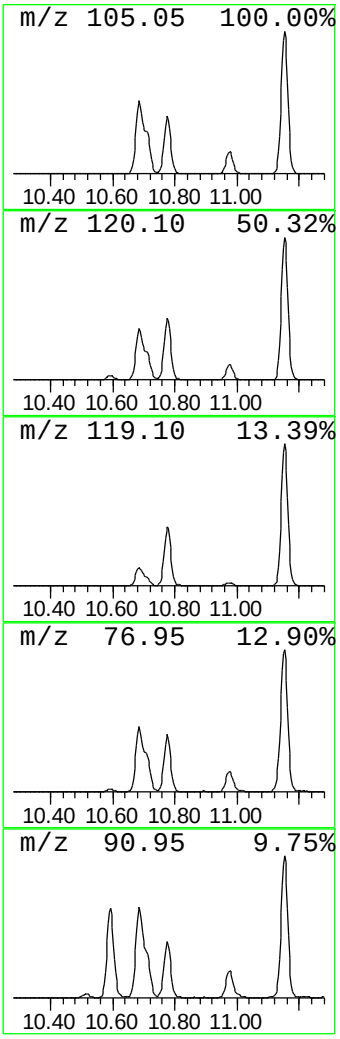
****

Peak Number 8 Mesitylene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	21.95 ug/L	466146	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	97
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

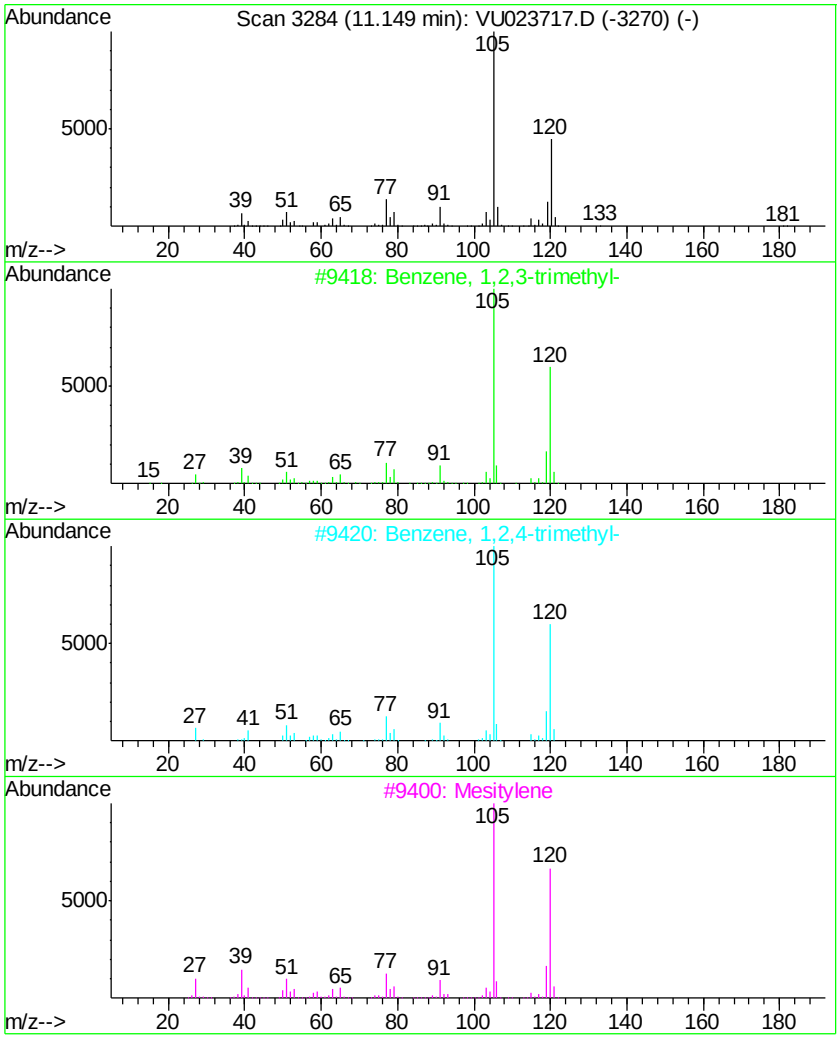
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

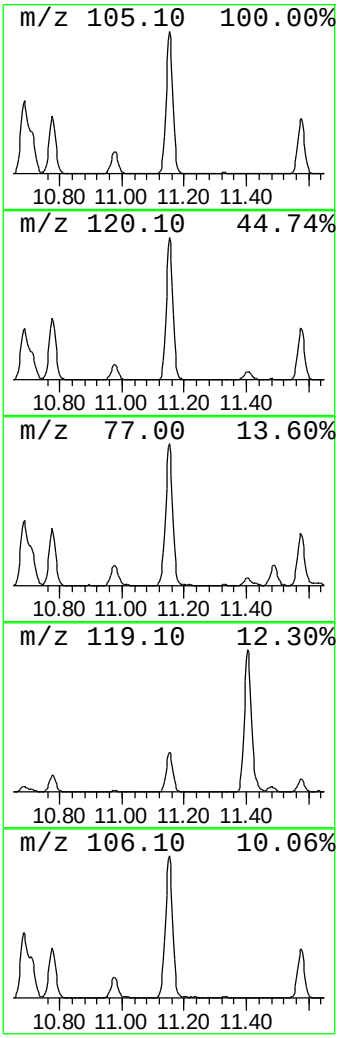
****

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	54.99 ug/L	1167660	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	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

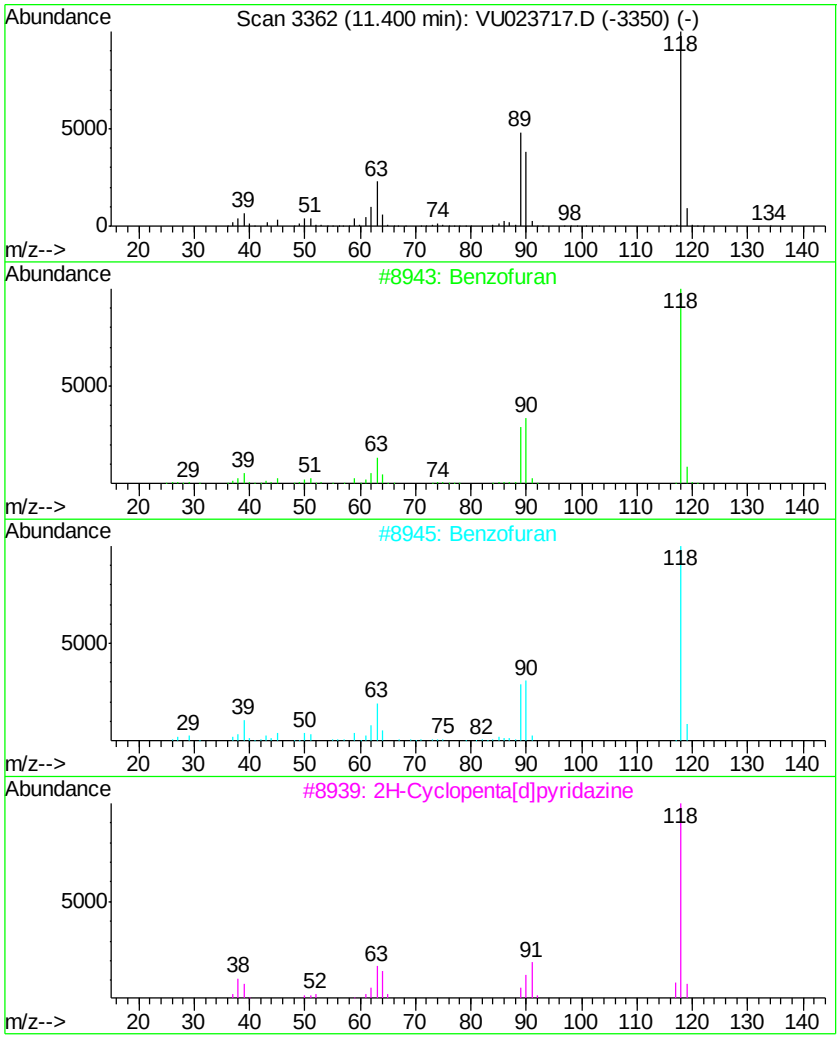
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

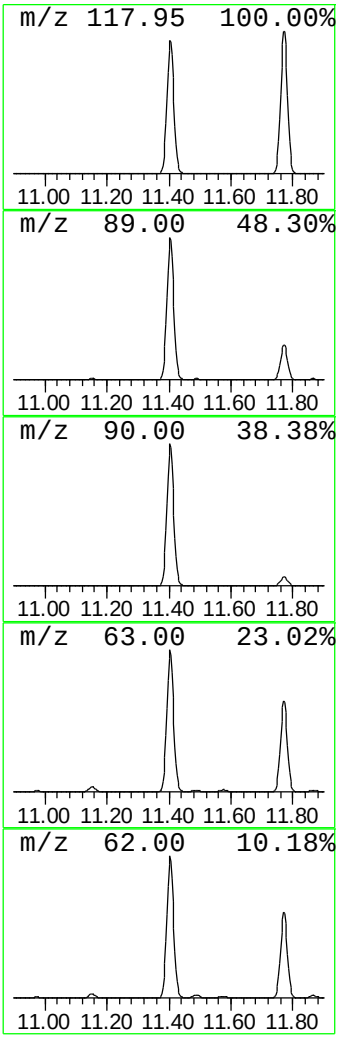
****

Peak Number 11 Benzofuran Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	283.45 ug/L	6019130	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	90
2	Benzofuran	118	C8H6O	000271-89-6	90
3	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	52
4	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	50
5	Benzofuran	118	C8H6O	000271-89-6	50





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

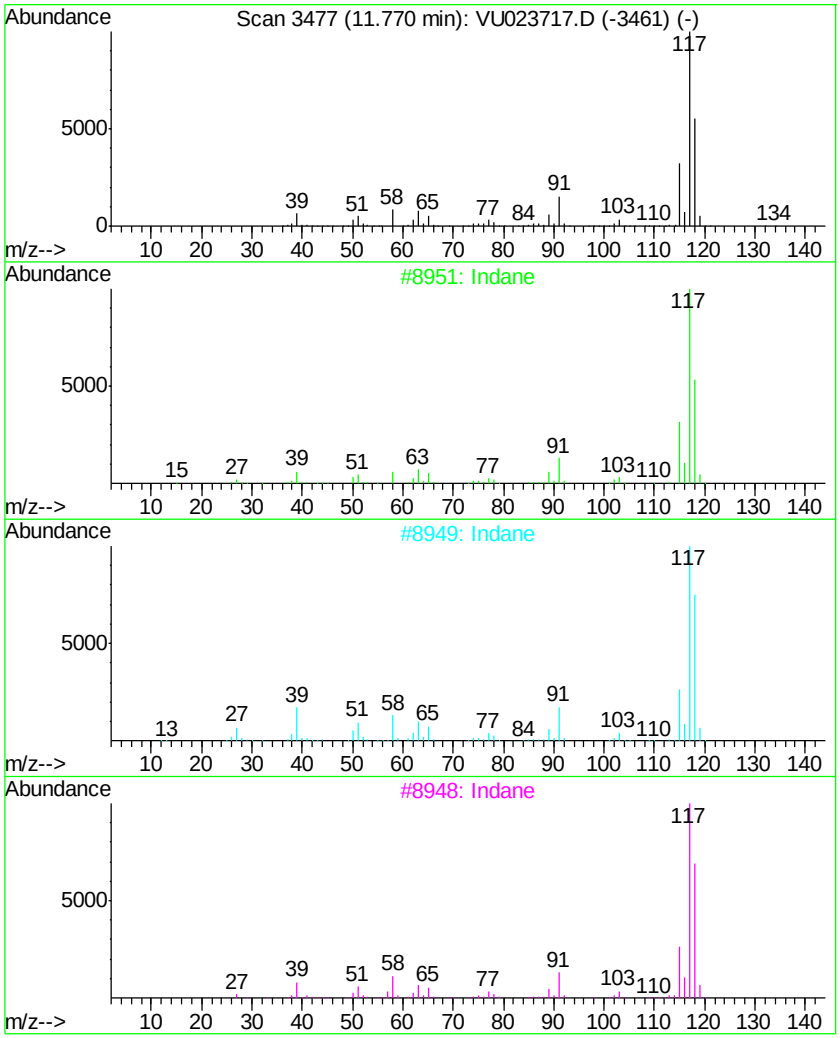
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

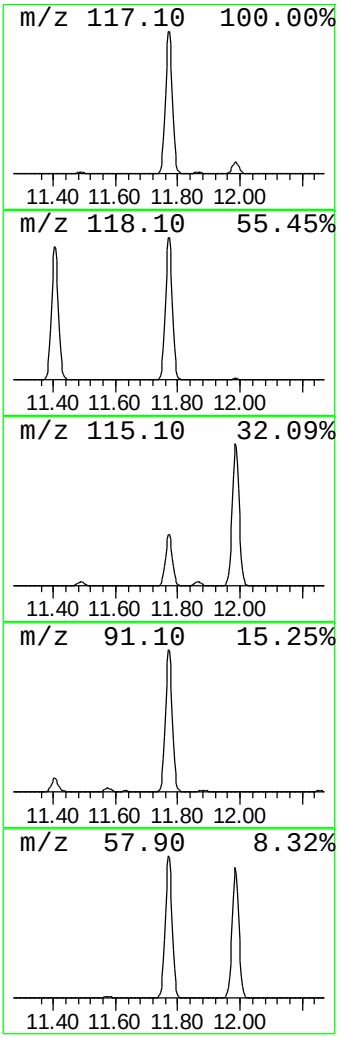
****

Peak Number 13 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	558.97 ug/L	11870000	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

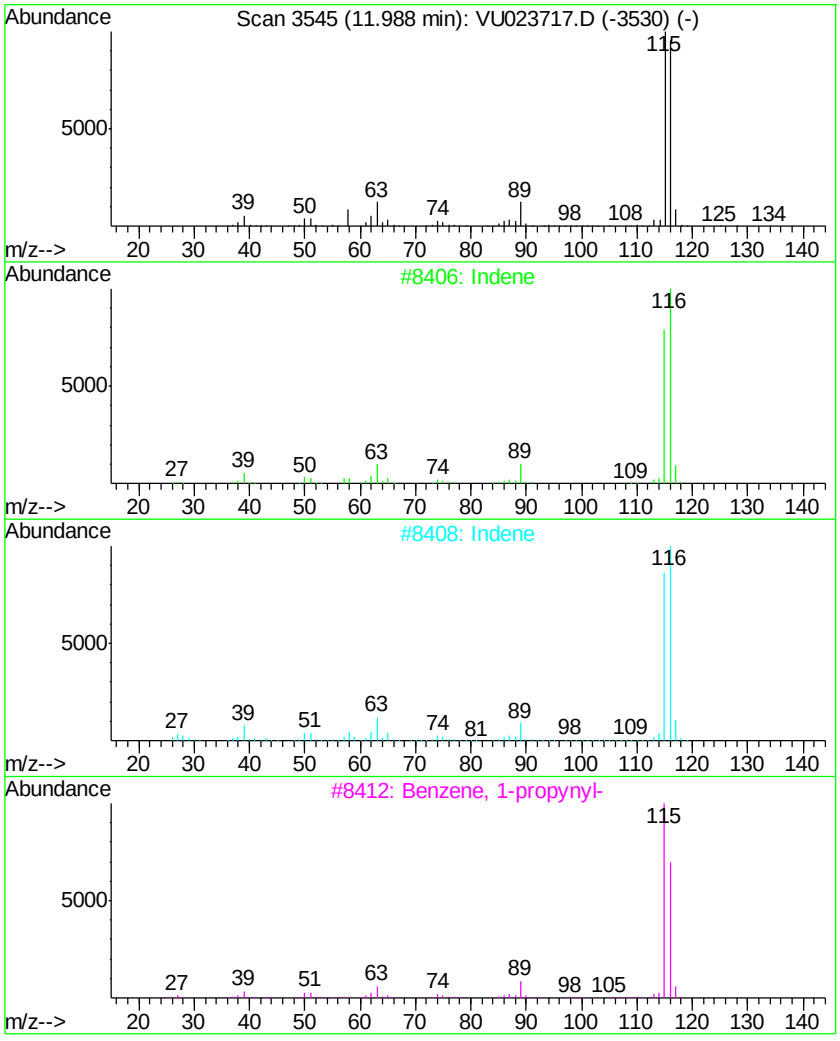
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

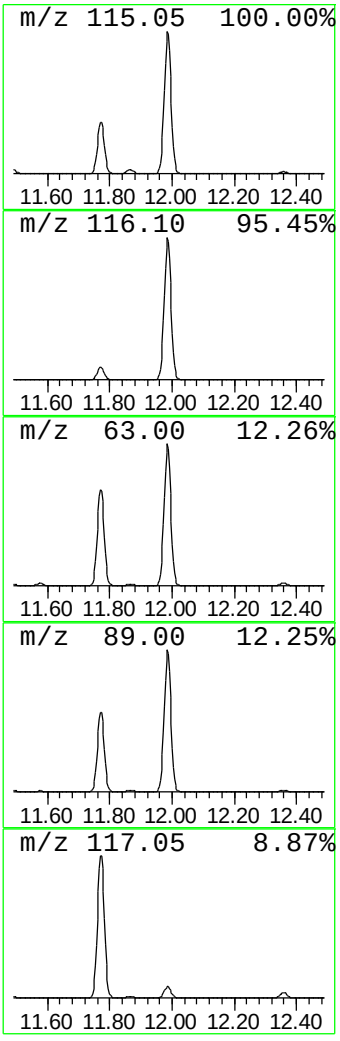
****

Peak Number 14 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	498.33 ug/L	10582200	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	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Indene	116	C9H8	000095-13-6	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

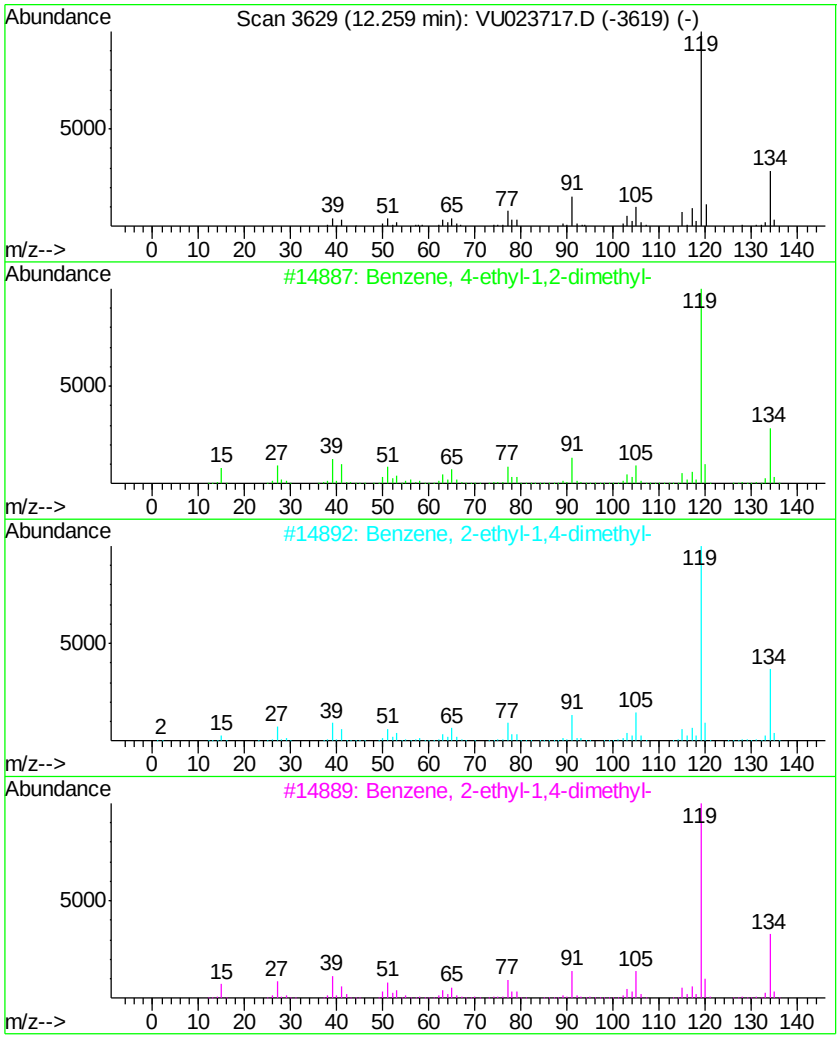
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

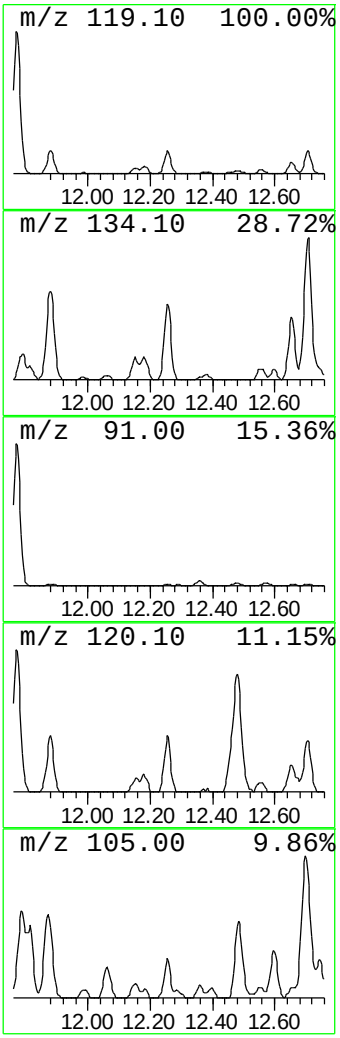
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.80 ug/L	80603	1,4-Dichlorobenzene-d4	11.49

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





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

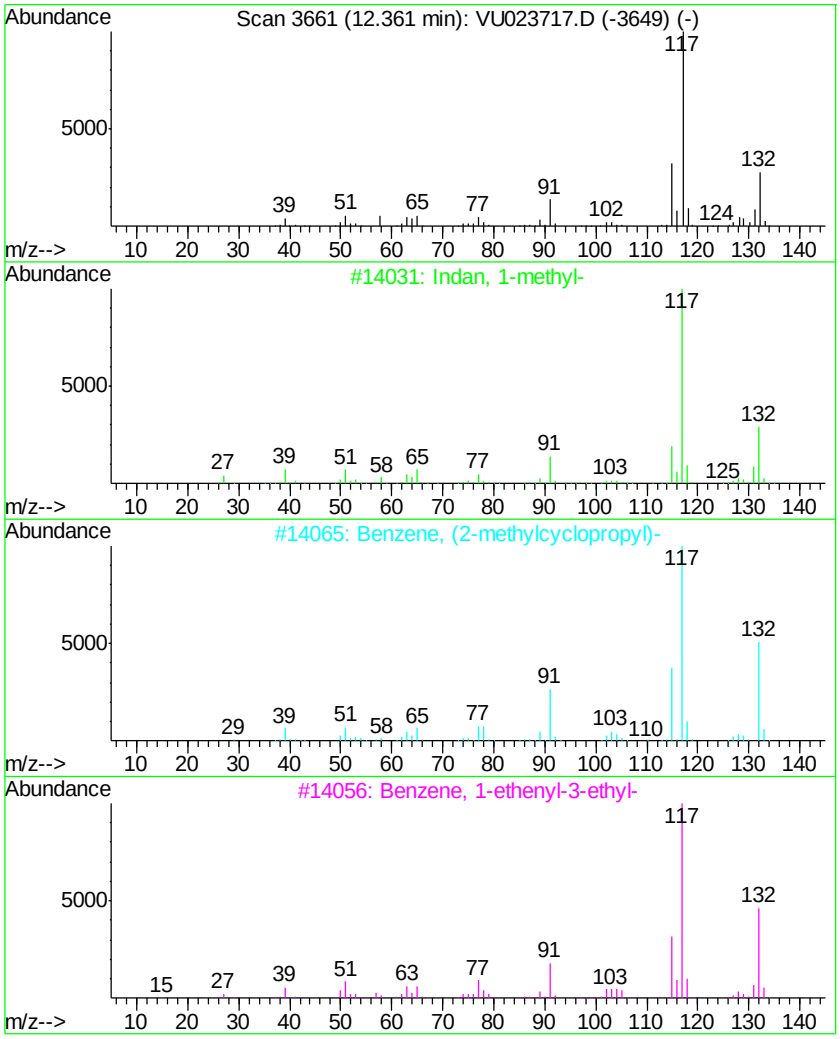
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

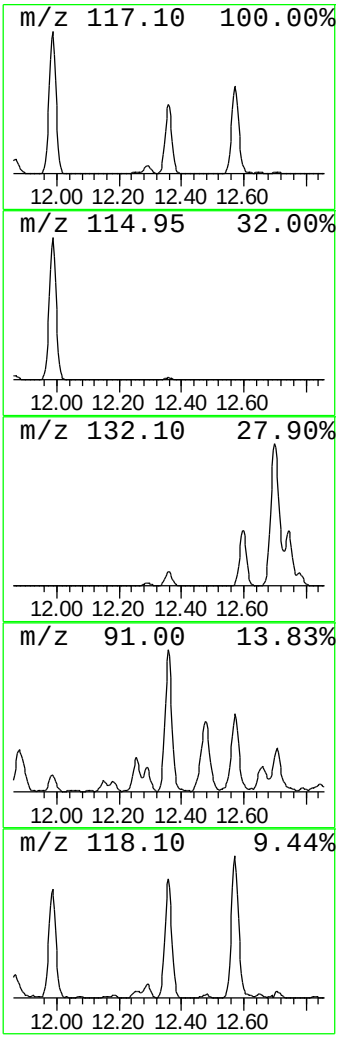
****

Peak Number 16 Indan, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	21.38 ug/L	453986	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	90
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

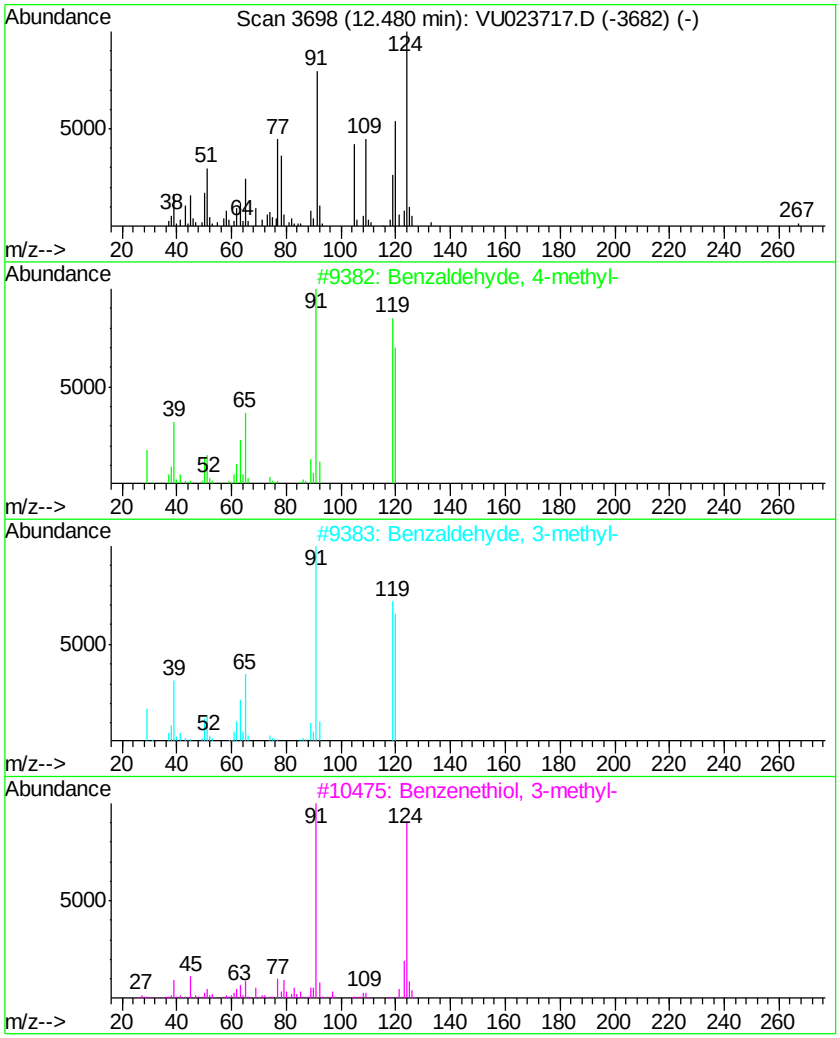
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

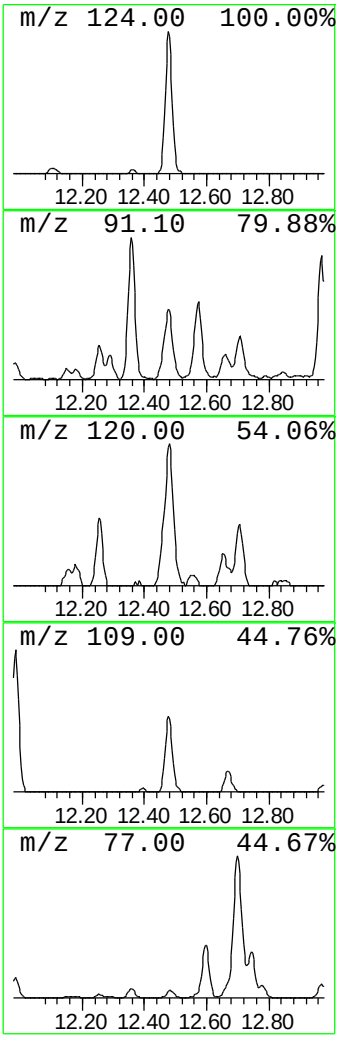
****

Peak Number 17 Benzaldehyde, 4-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	6.28 ug/L	133311	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	55
2	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	47
3	Benzenethiol, 3-methyl-	124	C7H8S	000108-40-7	45
4	Benzene, (methylthio)-	124	C7H8S	000100-68-5	42
5	Benzene, (methylthio)-	124	C7H8S	000100-68-5	42





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

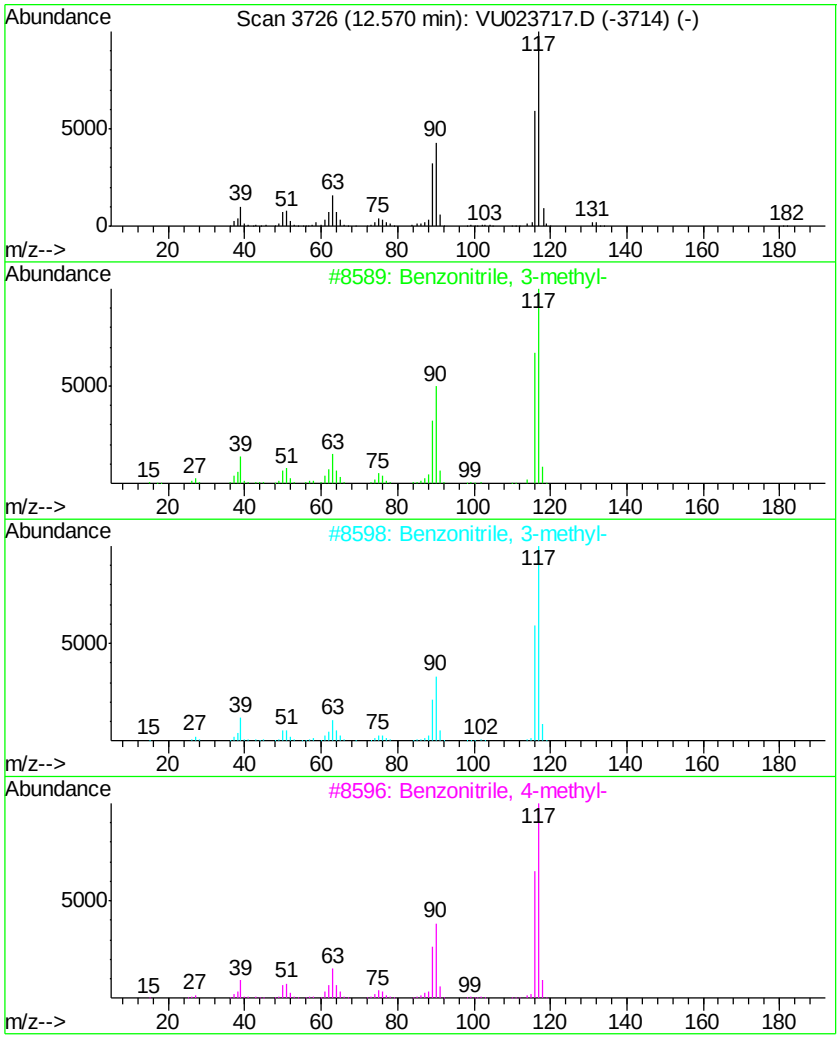
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

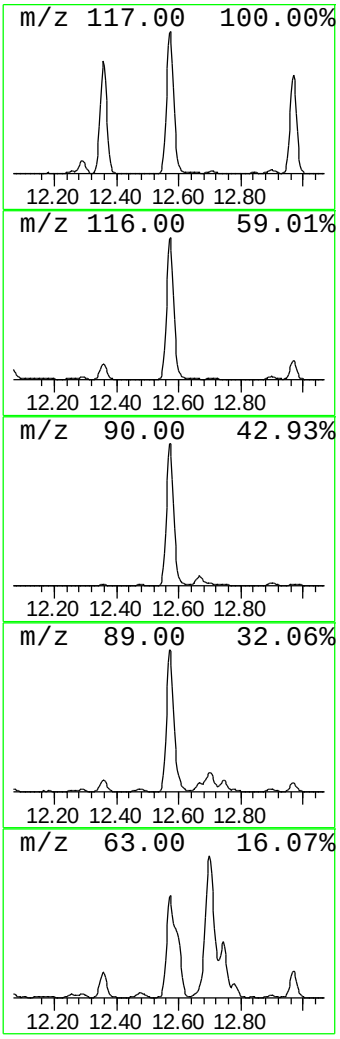
****

Peak Number 18 Benzonitrile, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	33.60 ug/L	713465	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	97
2	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	97
3	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	96
4	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	96
5	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	96





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

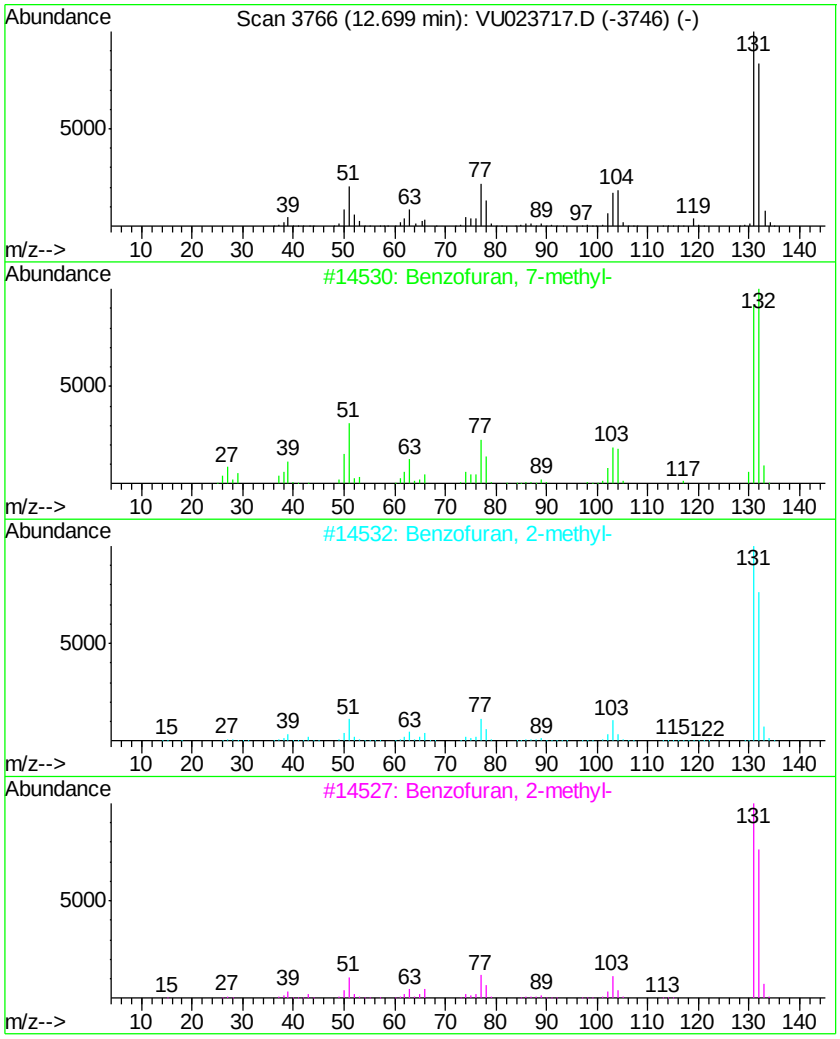
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

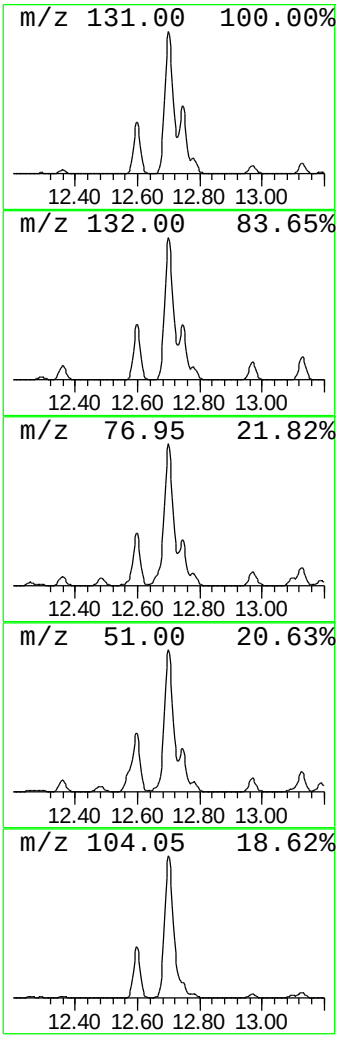
****

Peak Number 19 Benzofuran, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	119.66 ug/L	2540930	1,4-Dichlorobenzene-d4	11.49

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	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

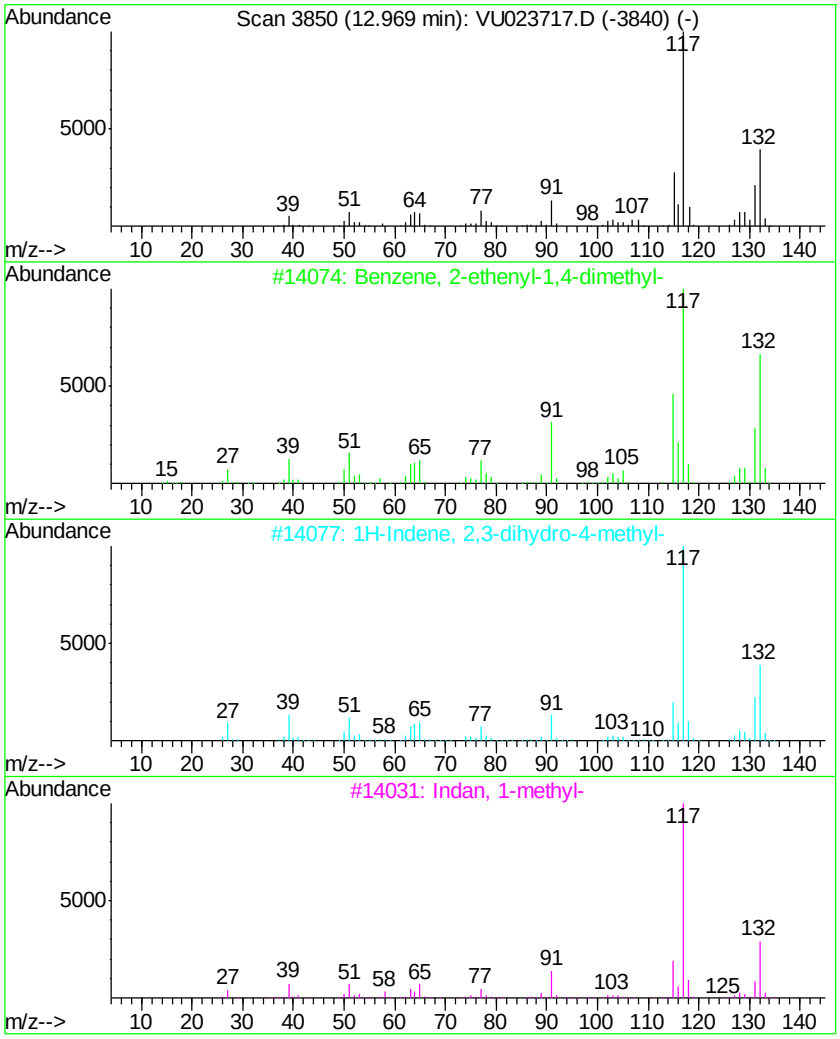
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

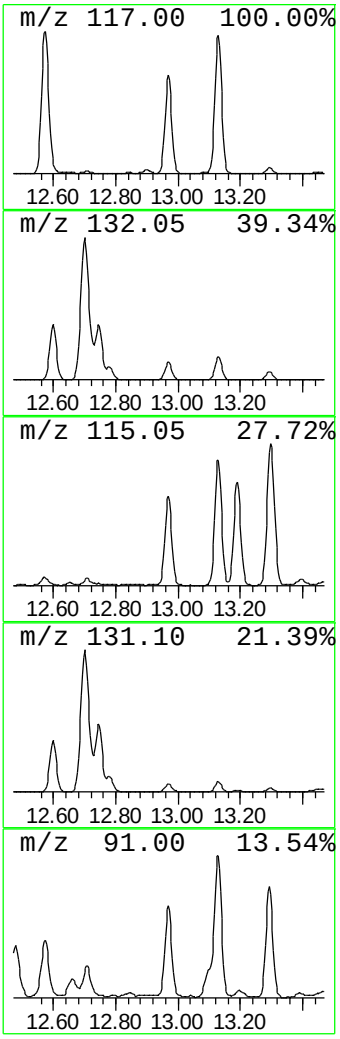
****

Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	22.72 ug/L	482502	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	Indan, 1-methyl-	132	C10H12	000767-58-8	93
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

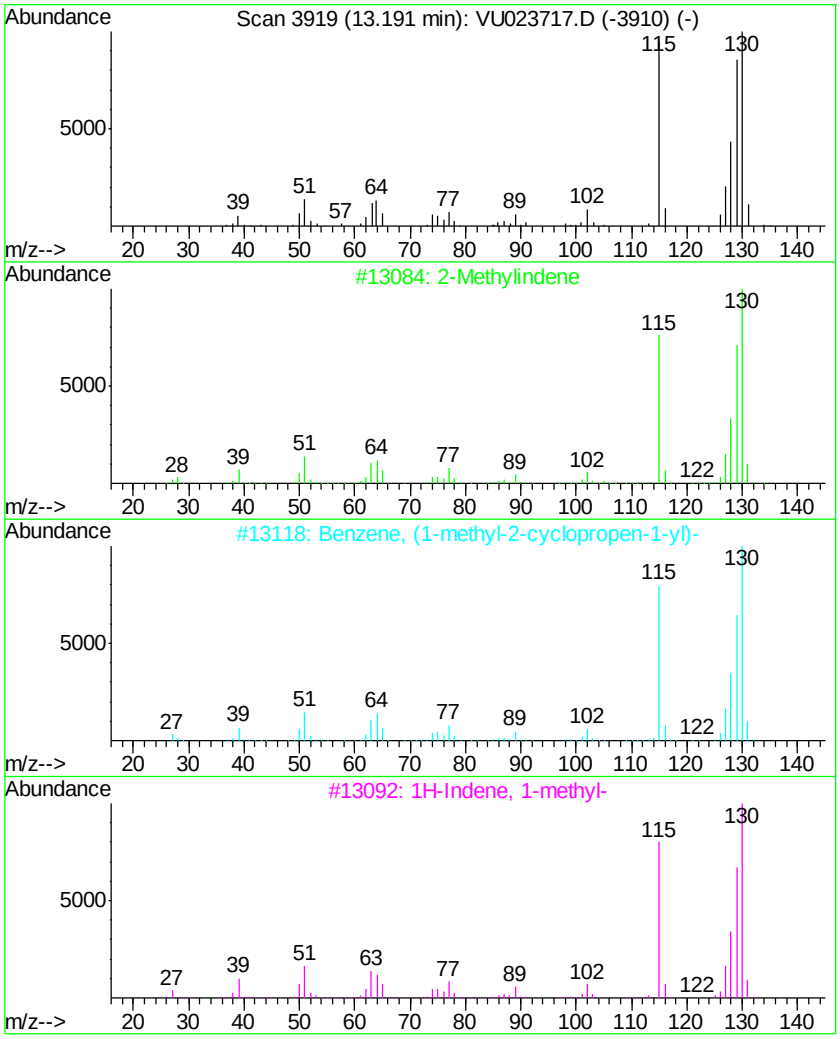
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

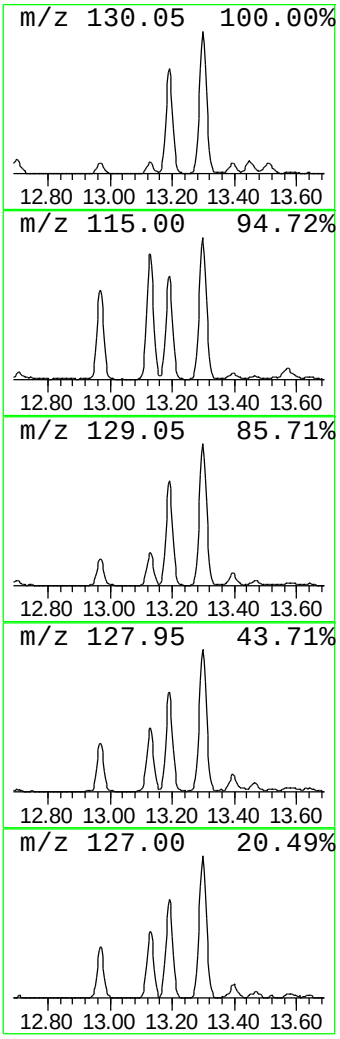
****

Peak Number 22 2-Methylindene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	11.27 ug/L	239357	1,4-Dichlorobenzene-d4	11.49

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	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

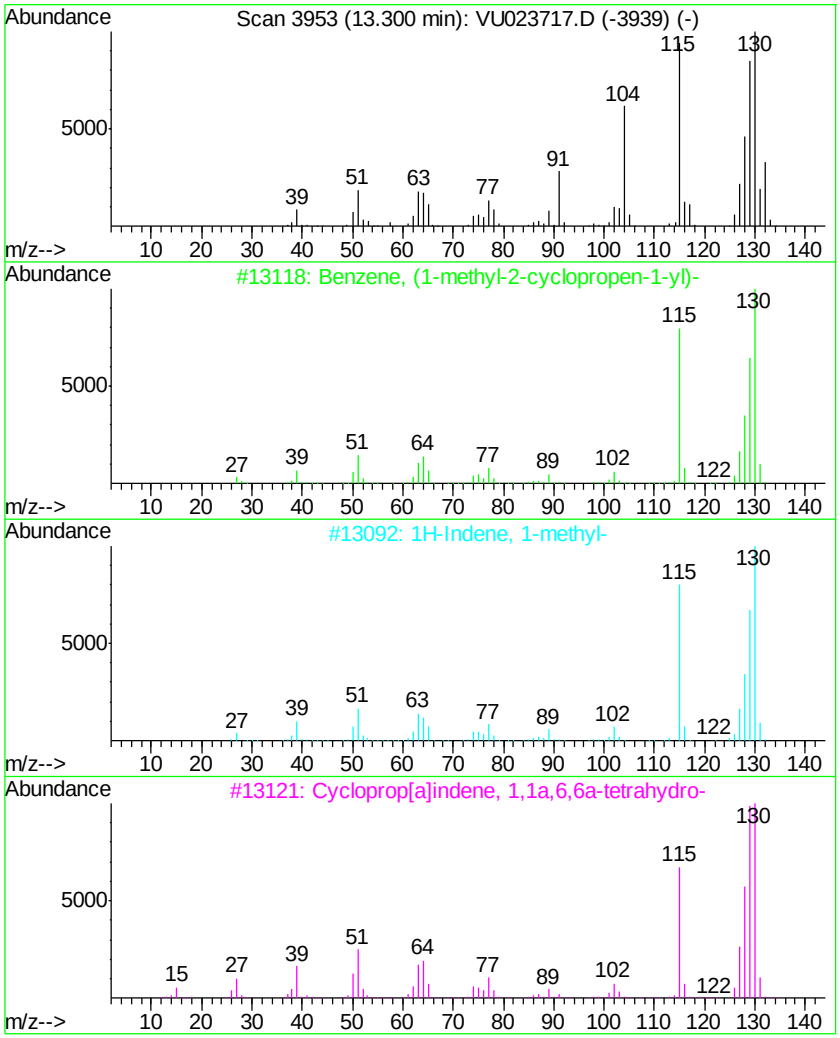
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

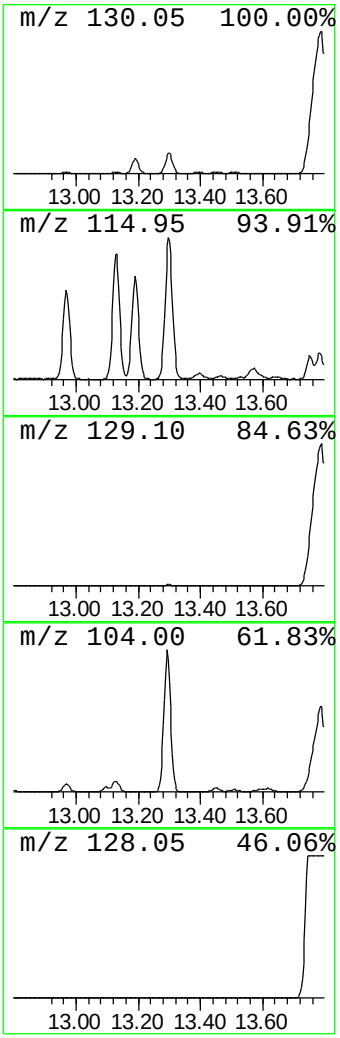
****

Peak Number 23 Benzene, (1-methyl-2-cyclop... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	23.87 ug/L	506784	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	90
4	2-Methylindene	130	C10H10	002177-47-1	90
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

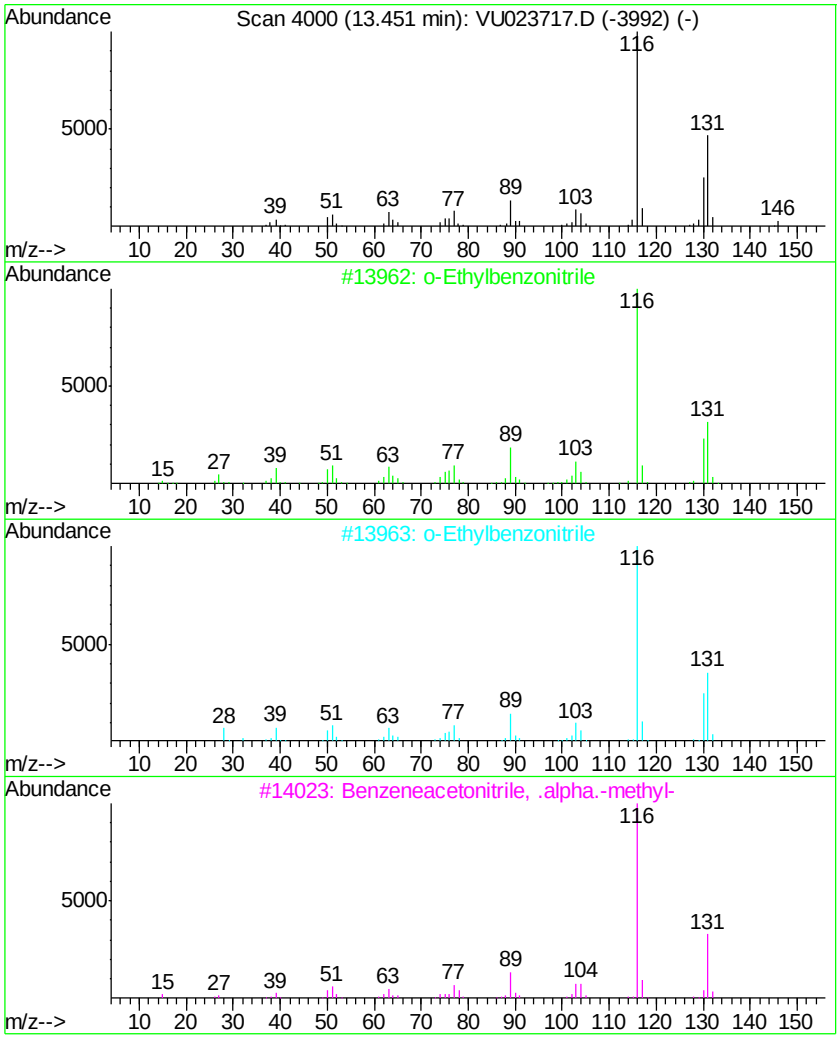
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

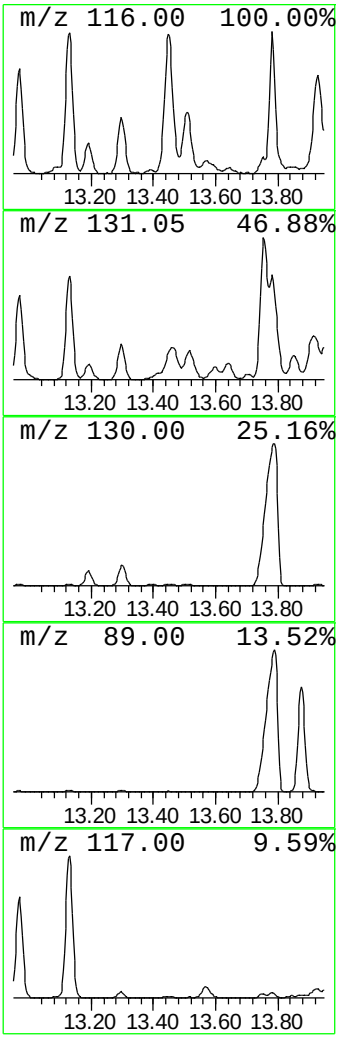
****

Peak Number 24 o-Ethylbenzonitrile Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	3.93 ug/L	83498	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Ethylbenzonitrile	131	C9H9N	034136-59-9	95
2	o-Ethylbenzonitrile	131	C9H9N	034136-59-9	94
3	Benzeneacetonitrile, .alpha.-met...	131	C9H9N	001823-91-2	93
4	m-Ethylbenzonitrile	131	C9H9N	034136-57-7	93
5	Benzeneacetonitrile, .alpha.-met...	131	C9H9N	001823-91-2	83





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

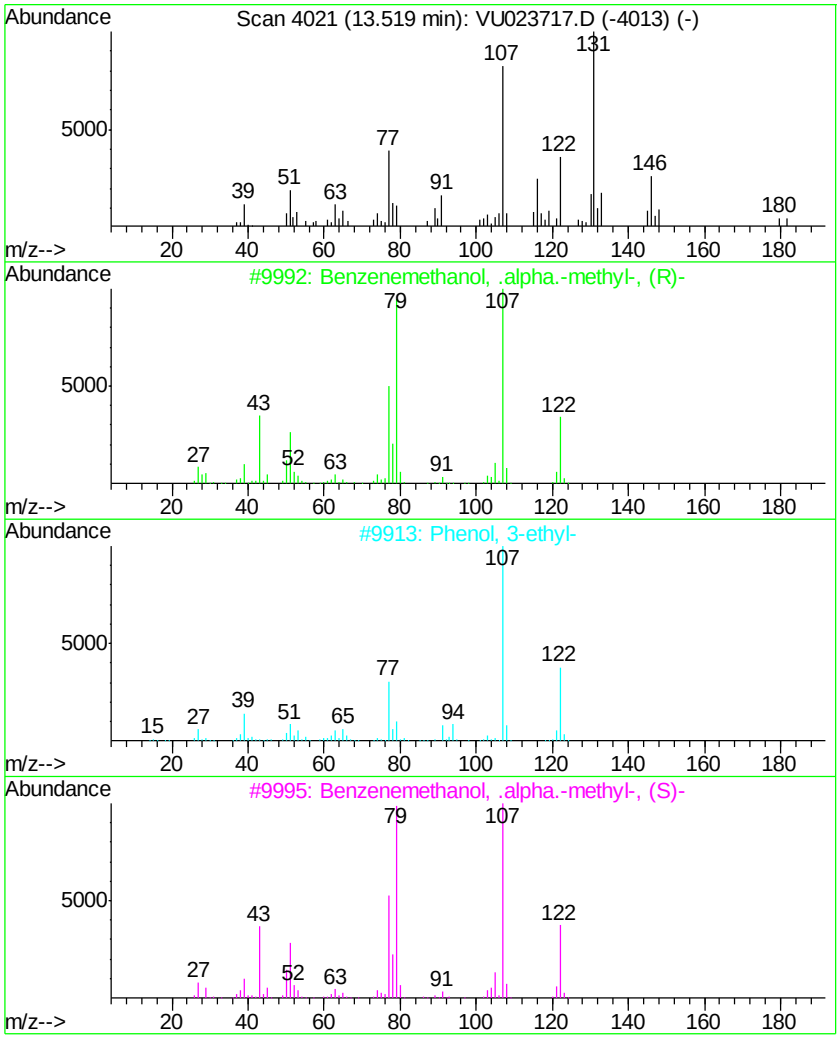
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

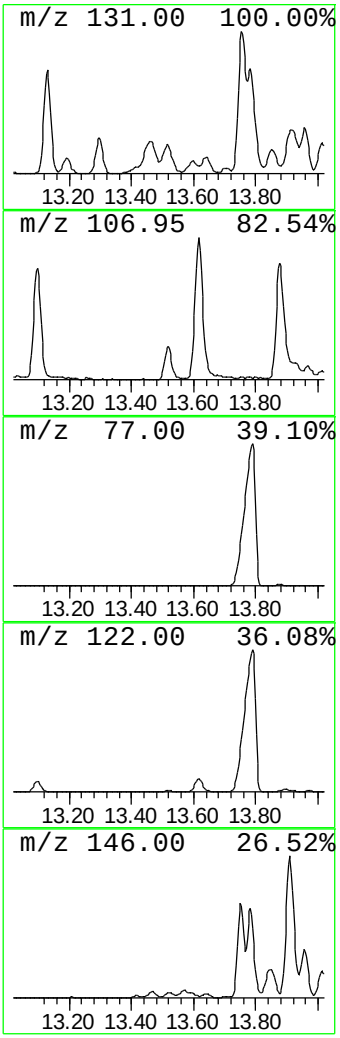
****

Peak Number 25 unknown-01 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	2.71 ug/L	57598	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001517-69-7	38
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	38
3	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001445-91-6	38
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	38
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	30





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

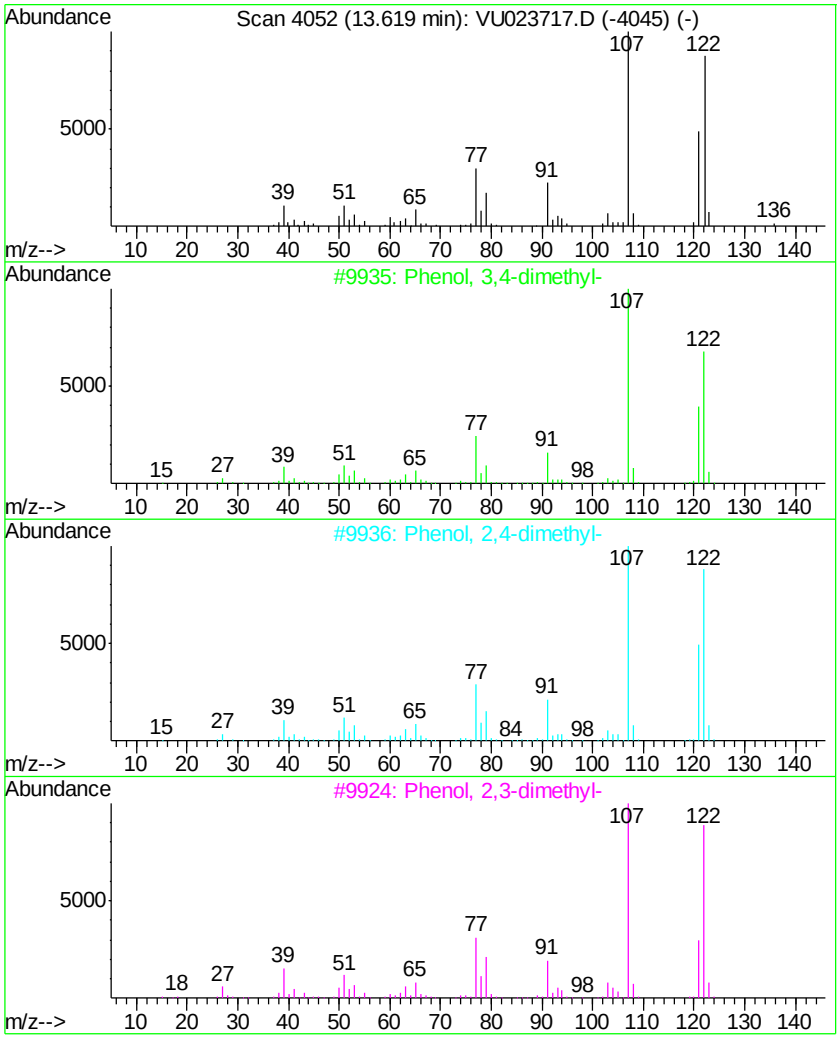
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

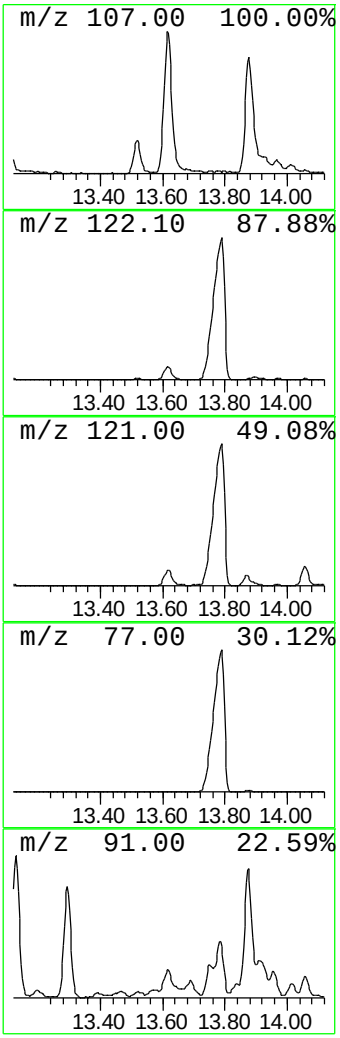
****

Peak Number 26 Phenol, 3,4-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	5.36 ug/L	113763	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
2	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	94
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	94
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

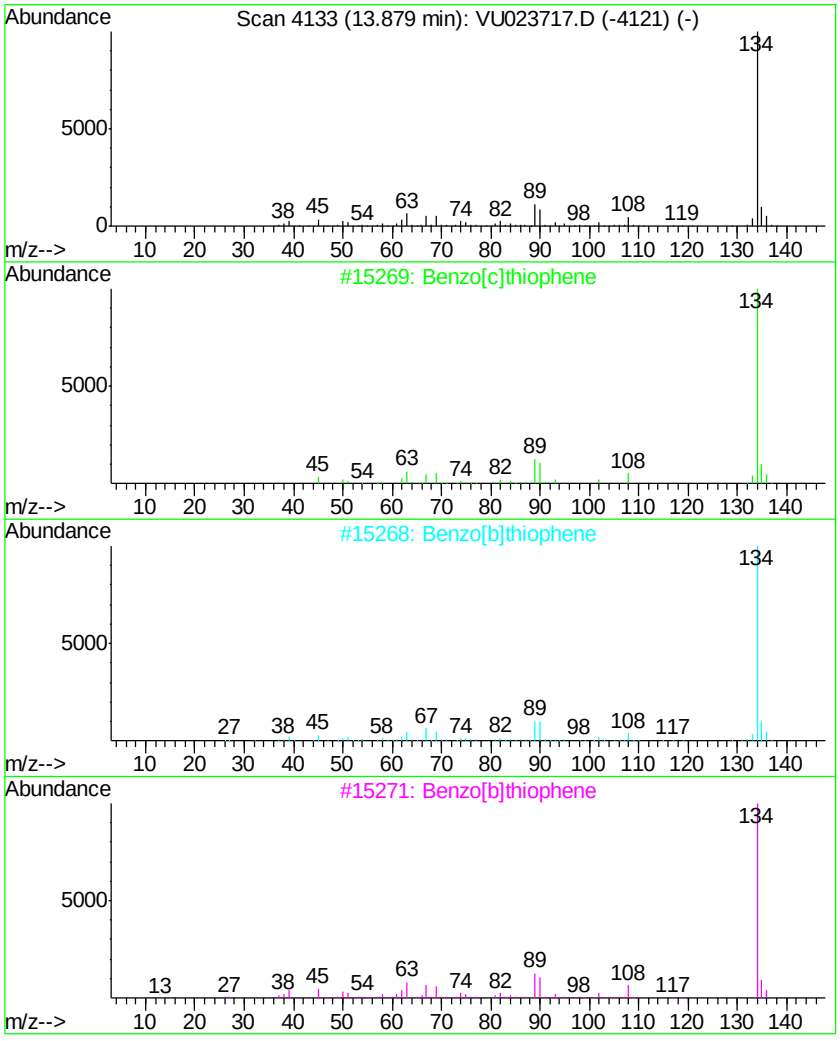
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

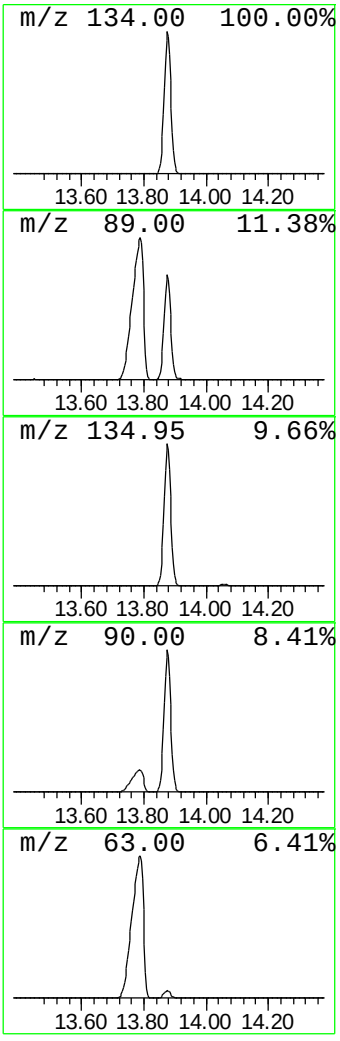
****

Peak Number 28 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	404.79 ug/L	8595860	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





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

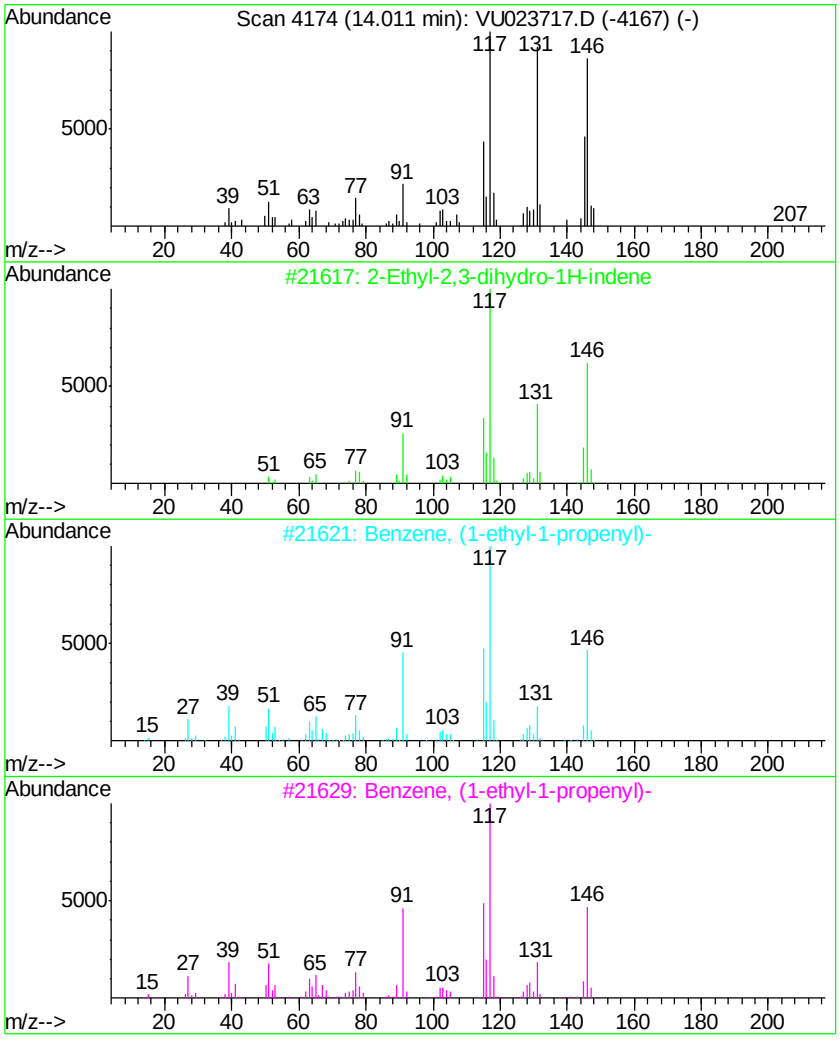
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

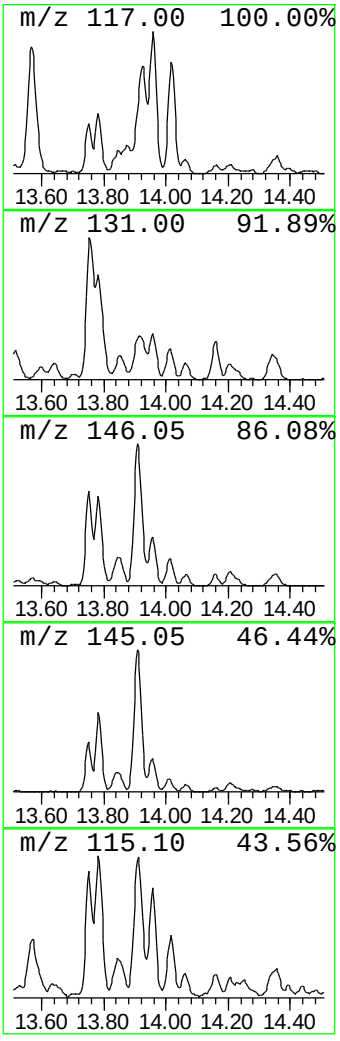
****

Peak Number 29 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	3.37 ug/L	71653	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	89
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	70
3	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	70
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	68
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	64





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

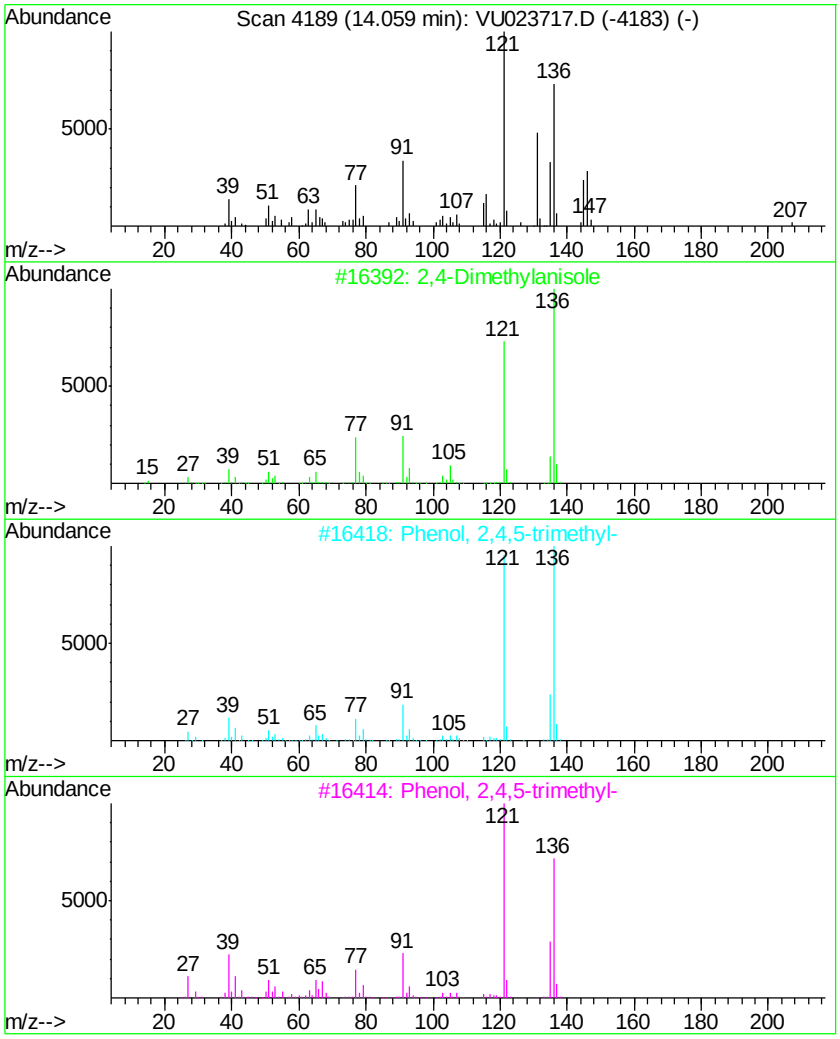
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

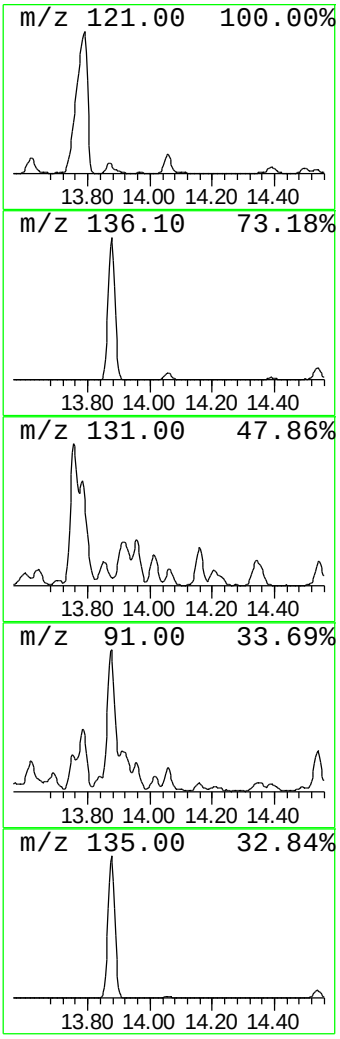
****

Peak Number 30 2,4-Dimethylanisole Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	3.63 ug/L	77063	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylanisole	136	C9H12O	006738-23-4	64
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	64
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	64
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	64
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	64





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

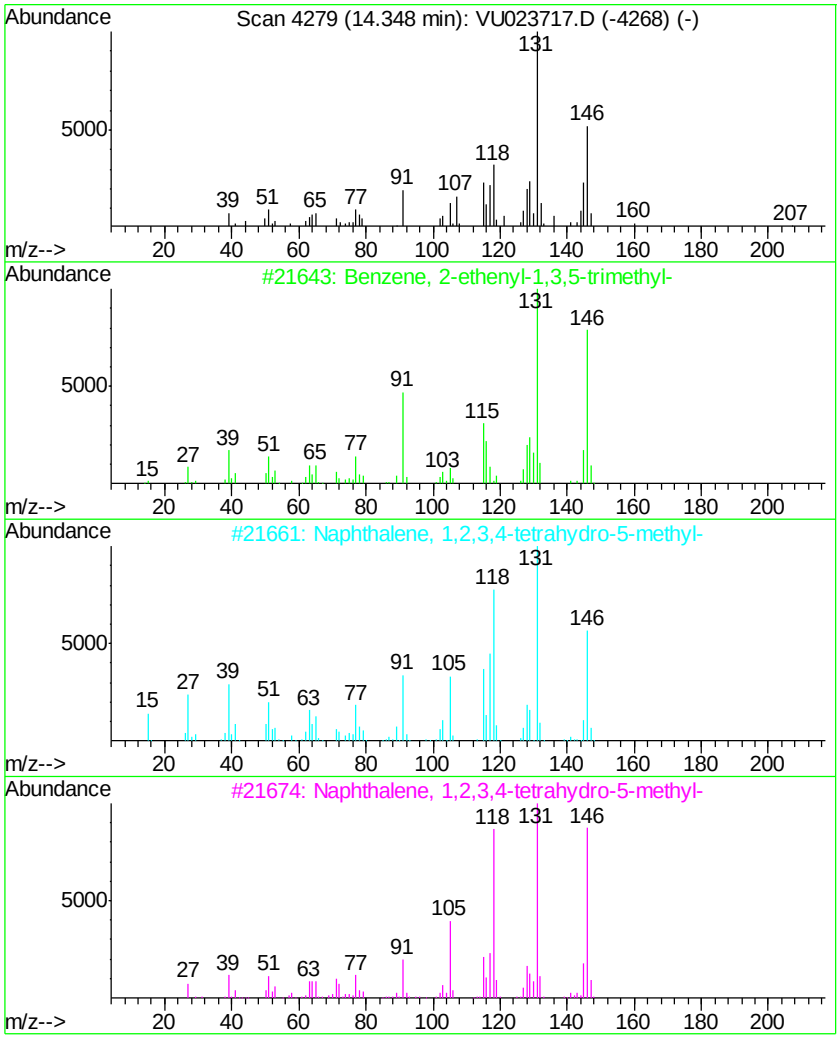
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

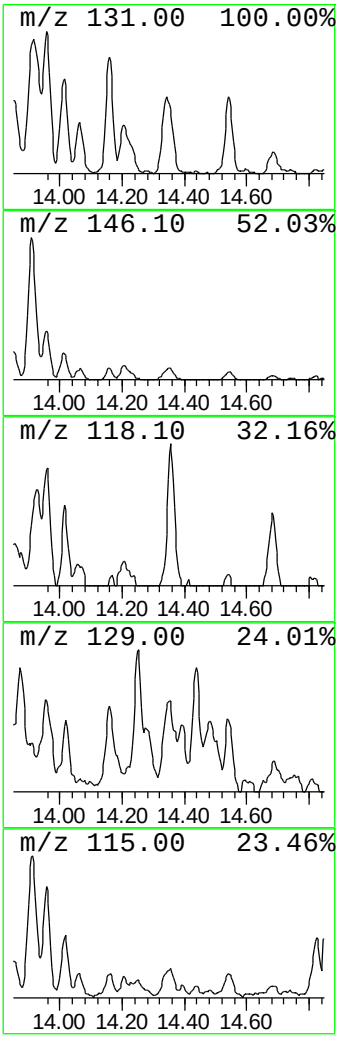
****

Peak Number 31 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	3.04 ug/L	64644	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	72
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

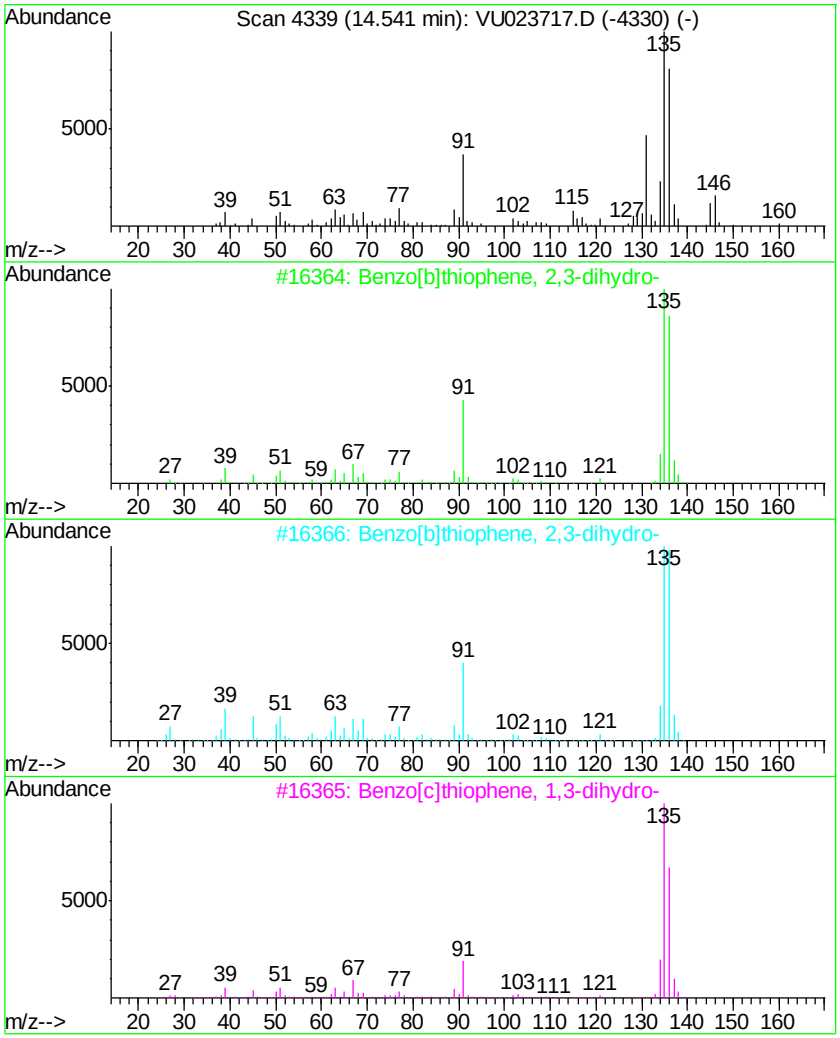
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

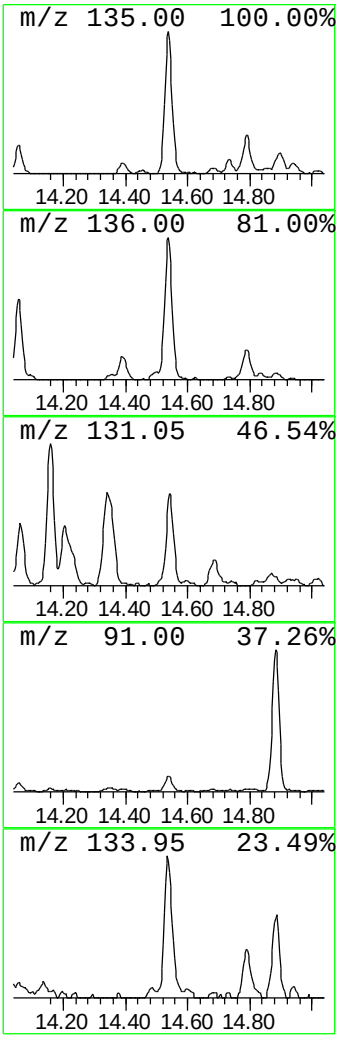
****

Peak Number 32 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	5.74 ug/L	121929	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	70
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	70
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	64
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	52
5	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	52





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

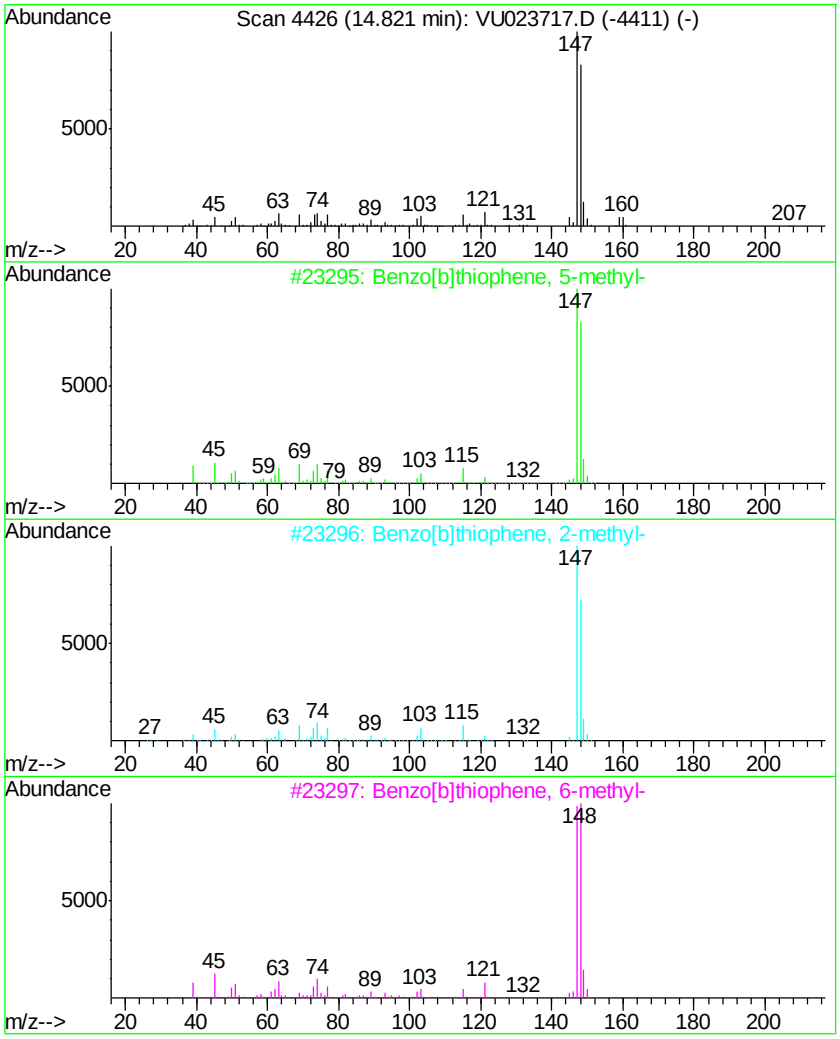
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

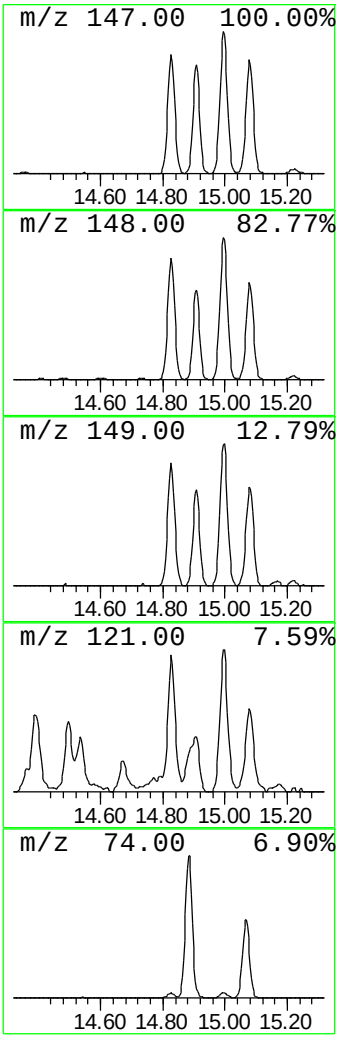
****

Peak Number 33 Benzo[b]thiophene, 5-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	13.81 ug/L	293174	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

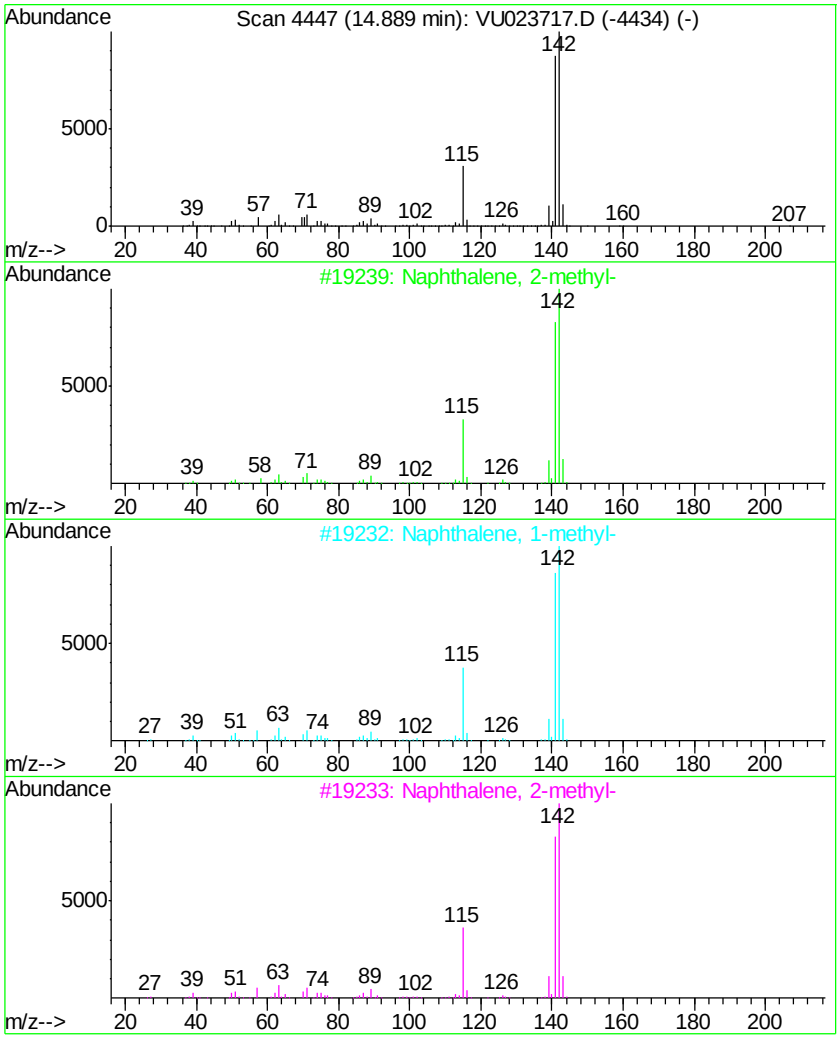
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

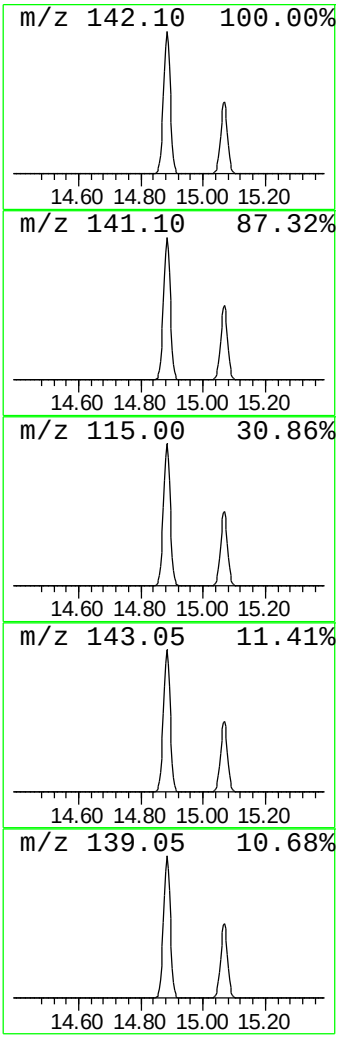
****

Peak Number 34 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	860.58 ug/L	18274700	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, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

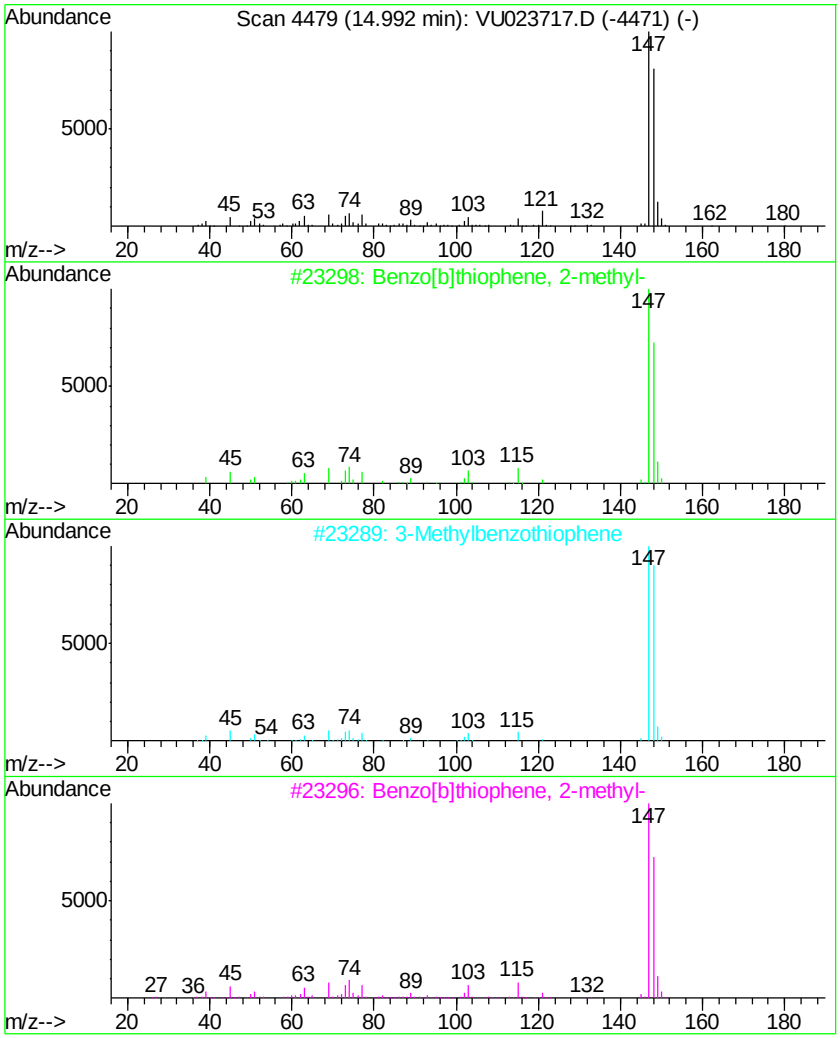
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

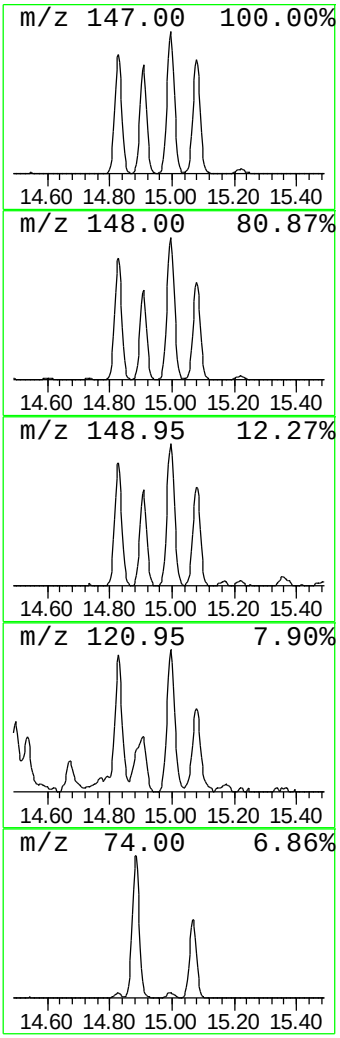
****

Peak Number 35 Benzo[b]thiophene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	14.73 ug/L	312755	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	90
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	86





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

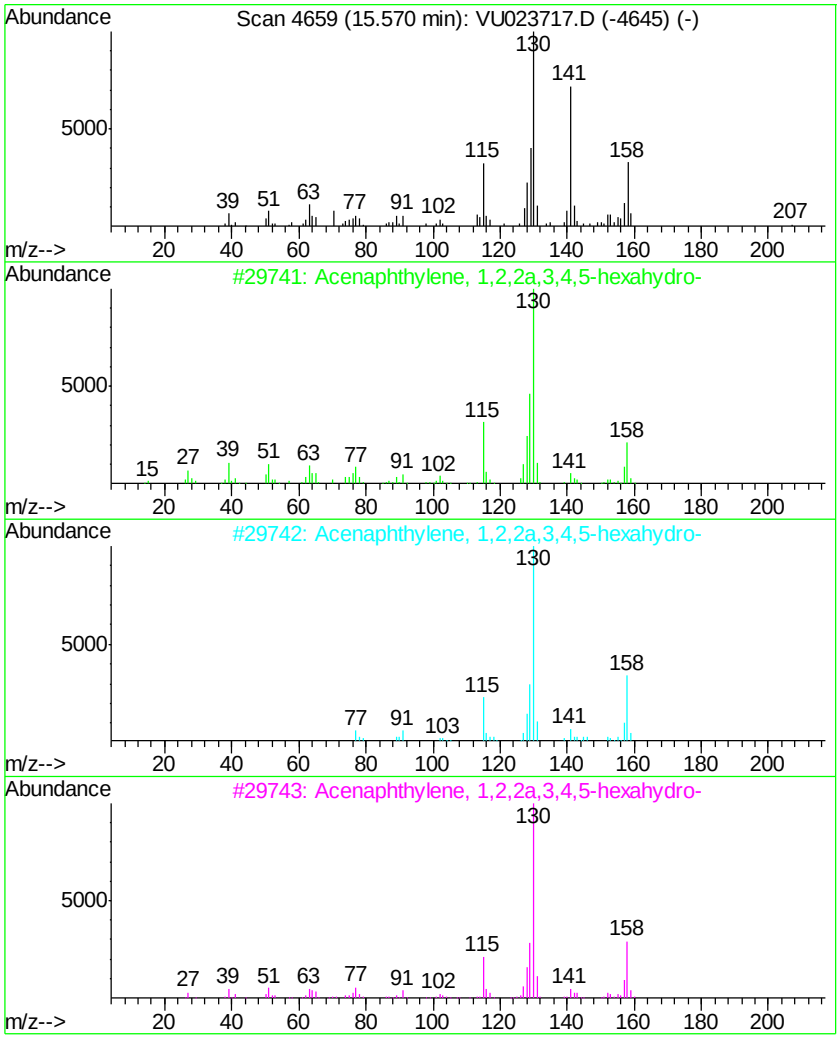
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

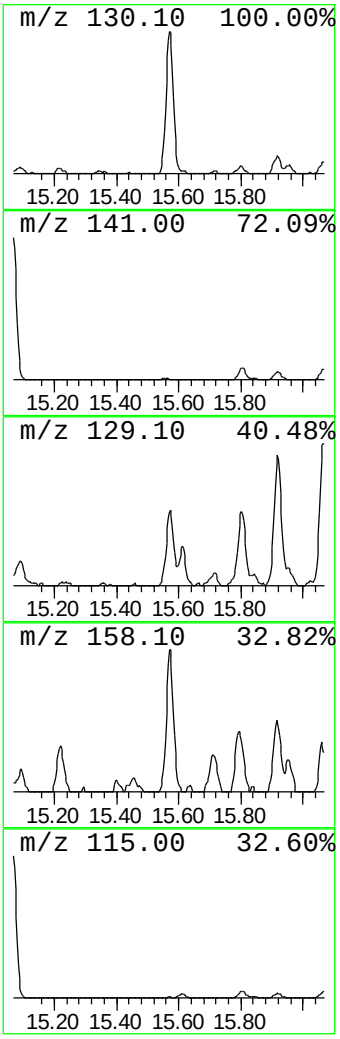
****

Peak Number 37 Acenaphthylene, 1,2,2a,3,4,... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	4.90 ug/L	103972	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthylene, 1,2,2a,3,4,5-hex...	158	C12H14	000480-72-8	93
2	Acenaphthylene, 1,2,2a,3,4,5-hex...	158	C12H14	000480-72-8	60
3	Acenaphthylene, 1,2,2a,3,4,5-hex...	158	C12H14	000480-72-8	60
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	41
5	Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	41





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.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	1.33	65.4	ug/L	1012000	1	5.89	774115	50.0
Thiophene, 3-methyl-	7.94	3.9	ug/L	73290	2	9.09	951562	50.0
Benzene, propyl-	10.59	2.6	ug/L	54766	3	11.49	1061770	50.0
Benzene, 1-ethyl-...	10.69	37.7	ug/L	801219	3	11.49	1061770	50.0
Mesitylene	10.78	21.9	ug/L	466146	3	11.49	1061770	50.0
Benzene, 1,2,3-tr...	11.15	55.0	ug/L	1167660	3	11.49	1061770	50.0
Benzofuran	11.40	283.4	ug/L	6019130	3	11.49	1061770	50.0
Indane	11.77	559.0	ug/L	11870000	3	11.49	1061770	50.0
Indene	11.99	498.3	ug/L	10582200	3	11.49	1061770	50.0
Benzene, 4-ethyl-...	12.26	3.8	ug/L	80603	3	11.49	1061770	50.0
Indan, 1-methyl-	12.36	21.4	ug/L	453986	3	11.49	1061770	50.0
Benzaldehyde, 4-m...	12.48	6.3	ug/L	133311	3	11.49	1061770	50.0
Benzonitrile, 3-m...	12.57	33.6	ug/L	713465	3	11.49	1061770	50.0
Benzofuran, 7-met...	12.70	119.7	ug/L	2540930	3	11.49	1061770	50.0
Benzene, 2-etheny...	12.97	22.7	ug/L	482502	3	11.49	1061770	50.0
2-Methylindene	13.19	11.3	ug/L	239357	3	11.49	1061770	50.0
Benzene, (1-methy...	13.30	23.9	ug/L	506784	3	11.49	1061770	50.0
o-Ethylbenzonitrile	13.45	3.9	ug/L	83498	3	11.49	1061770	50.0
unknown-01	13.52	2.7	ug/L	57598	3	11.49	1061770	50.0
Phenol, 3,4-dimet...	13.62	5.4	ug/L	113763	3	11.49	1061770	50.0
Benzo[c]thiophene	13.88	404.8	ug/L	8595860	3	11.49	1061770	50.0
2-Ethyl-2,3-dihyd...	14.01	3.4	ug/L	71653	3	11.49	1061770	50.0
2,4-Dimethylanisole	14.06	3.6	ug/L	77063	3	11.49	1061770	50.0
Benzene, 2-etheny...	14.35	3.0	ug/L	64644	3	11.49	1061770	50.0
Benzo[b]thiophene...	14.54	5.7	ug/L	121929	3	11.49	1061770	50.0
Benzo[b]thiophene...	14.82	13.8	ug/L	293174	3	11.49	1061770	50.0
Naphthalene, 1-me...	14.89	860.6	ug/L	18274700	3	11.49	1061770	50.0
Benzo[b]thiophene...	14.99	14.7	ug/L	312755	3	11.49	1061770	50.0
Acenaphthylene, 1...	15.57	4.9	ug/L	103972	3	11.49	1061770	50.0