LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050818\
Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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	1.059	138	146	147	rBV	1473	1420	0.00%	0.000%
2	1.088	147	155	172	rBV	971071	1084864	1.43%	0.321%
3	1.156	173	176	180	rBV	6507	5442	0.01%	0.002%
4	1.182	181	184	188	rBV	6090	5638	0.01%	0.002%
5	1.275	204	213	221	rBV	1560056	2222097	2.93%	0.657%
6	1.680	334	339	358	rVB	149435	201022	0.27%	0.059%
7	2.272	513	523	536	rVB	296257	446308	0.59%	0.132%
8	2.448	570	578	582	rBV3	2320	3445	0.00%	0.001%
9	4.027	1065	1069	1076	rBV	454	608	0.00%	0.000%
10	4.104	1082	1093	1101	rVB3	1507	3082	0.00%	0.001%
11	4.178	1101	1116	1145	rBV	133698	347013	0.46%	0.103%
12	4.651	1244	1263	1289	rBV	218040	514147	0.68%	0.152%
13	4.889	1330	1337	1338	rBV2	456	503	0.00%	0.000%
14	5.001	1360	1372	1384	rVB5	2454	5252	0.01%	0.002%
15	5.345	1454	1479	1486	rBV2	469303	1362528	1.80%	0.403%
16	5.644	1561	1572	1588	rVB2	7524	16561	0.02%	0.005%
17	5.889	1634	1648	1677	rBV	432515	862449	1.14%	0.255%
18	6.194	1735	1743	1751	rVB4	1491	2364	0.00%	0.001%
19	6.336	1772	1787	1808	rBV	311756	622064	0.82%	0.184%
20	7.233	2052	2066	2090	rVV	171682	303732	0.40%	0.090%
21	7.570	2157	2171	2182	rBV	615161	1088025	1.43%	0.322%
22	7.641	2182	2193	2227	rVB	1153684	2086742	2.75%	0.617%
23	7.853	2248	2259	2278	rVV	118264	198616	0.26%	0.059%
24	7.943	2279	2287	2300	rVV2	9614	16231	0.02%	0.005%
25	8.098	2329	2335	2338	rBV4	410	499	0.00%	0.000%
26	8.178	2354	2360	2370	rBV3	630	1144	0.00%	0.000%
27	8.313	2390	2402	2441	rBV	451640	789308	1.04%	0.233%
28	9.094	2631	2645	2680	rVV	604094	1059316	1.40%	0.313%
29	9.255	2680	2695	2719	rVV	6040552	9877414	13.02%	2.921%
30	9.377	2721	2733	2771	rVV	3875885	6536768	8.62%	1.933%
31	9.548	2774	2786	2809	rVB3	66688	131430	0.17%	0.039%
32	9.738	2835	2845	2848	rBV2	36131	50727	0.07%	0.015%
33	9.783	2848	2859	2893	rVB	3349750	5496054	7.25%	1.625%
34	10.014	2920	2931	2950	rVB	24126	39273	0.05%	0.012%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050818\
Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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

35	10.172	2967	2980	3003	rBV	533128	865244	1.14%	0.256%
36	10.313	3016	3024	3031	rVB4	2349	3726	0.00%	0.001%
37	10.435	3050	3062	3077	rBV	425388	679644	0.90%	0.201%
38	10.512	3077	3086	3097	rVB2	22183	34072	0.04%	0.010%
39	10.593	3099	3111	3125	rBV	196022	302144	0.40%	0.089%
40	10.686	3126	3140	3145	rBV	808835	1336347	1.76%	0.395%
41	10.776	3158	3168	3181	rVB	804951	1209691	1.59%	0.358%
42	10.840	3182	3188	3195	rBV4	6641	10788	0.01%	0.003%
43	10.895	3199	3205	3216	rVB	20865	32679	0.04%	0.010%
44	10.975	3218	3230	3234	rBV	449583	680828	0.90%	0.201%
45	11.152	3262	3285	3297	rBV	4651328	7122828	9.39%	2.106%
46	11.220	3297	3306	3315	rVV	479143	724573	0.96%	0.214%
47	11.271	3315	3322	3331	rVB	162842	236912	0.31%	0.070%
48	11.329	3331	3340	3350	rVB	103543	157784	0.21%	0.047%
49	11.403	3351	3363	3378	rBV	2213428	3542184	4.67%	1.047%
50	11.487	3378	3389	3404	rVB2	870531	1439851	1.90%	0.426%
51	11.577	3404	3417	3427	rBV	2241896	3455848	4.56%	1.022%
52	11.635	3427	3435	3446	rVB	194007	294939	0.39%	0.087%
53	11.696	3446	3454	3463	rVB	32223	48483	0.06%	0.014%
54	11.776	3463	3479	3497	rBV	20080912	31864110	42.01%	9.422%
55	11.866	3497	3507	3524	rVB2	727349	1257766	1.66%	0.372%
56	11.998	3525	3548	3564	rBV2	37579150	64533099	85.08%	19.081%
57	12.152	3587	3596	3600	rBV	63954	96785	0.13%	0.029%
58	12.255	3612	3628	3635	rBV	324578	550110	0.73%	0.163%
59	12.358	3650	3660	3675	rBV	513257	823758	1.09%	0.244%
60	12.483	3691	3699	3709	rVB6	24299	46414	0.06%	0.014%
61	12.599	3710	3735	3745	rBV	4144034	6375251	8.40%	1.885%
62	12.657	3746	3753	3756	rVV	296469	409635	0.54%	0.121%
63	12.702	3756	3767	3786	rVV	6424099	14467652	19.07%	4.278%
64	12.779	3787	3791	3802	rVB	1012784	1362671	1.80%	0.403%
65	12.882	3818	3823	3832	rVB3	32345	44560	0.06%	0.013%
66	12.969	3833	3850	3867	rVV	832277	1259888	1.66%	0.373%
67	13.126	3881	3899	3909	rBV2	1999694	3188747	4.20%	0.943%
68	13.191	3909	3919	3931	rVB	2596747	3915449	5.16%	1.158%
69	13.297	3940	3952	3970	rVB	3324446	5316639	7.01%	1.572%
70	13.393	3972	3982	3995	rBV2	60370	114402	0.15%	0.034%
71	13.464	3996	4004	4009	rBV2	49392	75849	0.10%	0.022%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050818\
Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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

72	13.615	4043	4051	4067	rVB4	149635	281850	0.37%	0.083%
73	13.760	4078	4096	4113	rBV2	40874267	75853259	100.00%	22.428%
74	13.872	4113	4131	4140	rBV	12140547	20041782	26.42%	5.926%
75	13.953	4151	4156	4166	rVB	301912	443860	0.59%	0.131%
76	14.007	4166	4173	4182	rVB3	131113	186005	0.25%	0.055%
77	14.059	4183	4189	4207	rVB	131060	202466	0.27%	0.060%
78	14.155	4208	4219	4225	rBV2	76899	139531	0.18%	0.041%
79	14.345	4267	4278	4287	rBV3	128694	258877	0.34%	0.077%
80	14.538	4329	4338	4349	rVB2	291735	475003	0.63%	0.140%
81	14.679	4375	4382	4392	rVB2	90061	129917	0.17%	0.038%
82	14.734	4393	4399	4411	rVV2	39971	67220	0.09%	0.020%
83	14.824	4413	4427	4436	rVV	779265	1336957	1.76%	0.395%
84	14.879	4436	4444	4470	rVB2	604558	1200328	1.58%	0.355%
85	14.995	4471	4480	4489	rBV	168256	273746	0.36%	0.081%
86	15.068	4489	4503	4534	rVB	15666941	25397334	33.48%	7.510%
87	15.451	4614	4622	4639	rVB	6573	17302	0.02%	0.005%
88	15.557	4645	4655	4661	rBV	85898	146229	0.19%	0.043%
89	15.612	4662	4672	4684	rVB	1603064	2423937	3.20%	0.717%
90	15.673	4685	4691	4698	rVV4	23987	33423	0.04%	0.010%
91	15.802	4714	4731	4736	rBV5	100919	215119	0.28%	0.064%
92	15.917	4755	4767	4790	rVB	1014773	1758870	2.32%	0.520%
93	16.062	4791	4812	4819	rBV	1192408	1943758	2.56%	0.575%
94	16.294	4865	4884	4903	rVB	327575	785922	1.04%	0.232%
95	16.435	4917	4928	4941	rBV	322520	502952	0.66%	0.149%
96	16.531	4947	4958	4973	rVB3	143867	290664	0.38%	0.086%
97	16.638	4983	4991	5000	rVB3	38731	60349	0.08%	0.018%
98	16.744	5010	5024	5044	rBV	5771478	9205091	12.14%	2.722%
99	16.920	5070	5079	5090	rBV2	80614	129396	0.17%	0.038%
100	17.039	5104	5116	5138	rBV	707435	1136142	1.50%	0.336%

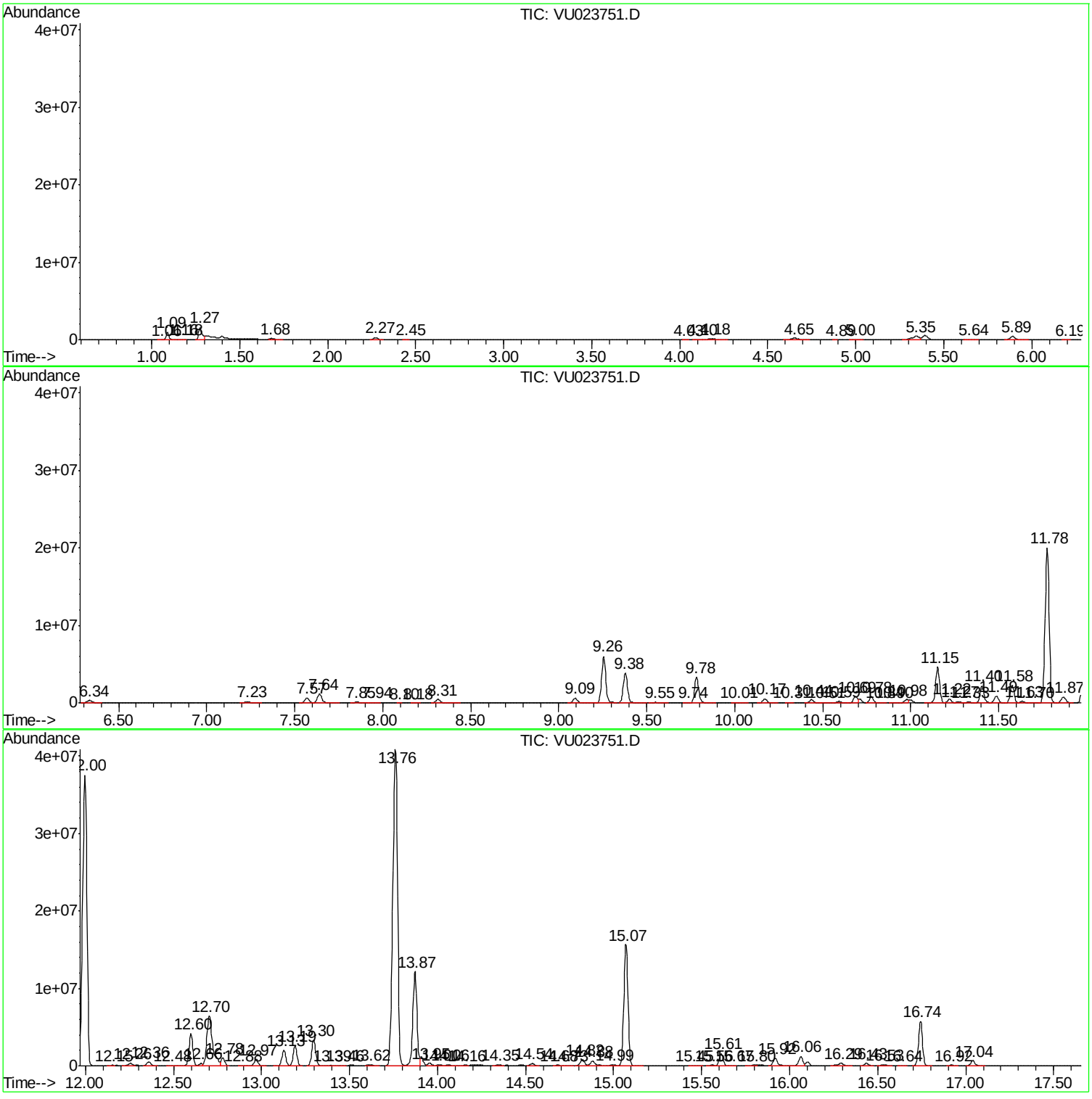
Sum of corrected areas: 338200725

LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050818\
Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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 : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

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

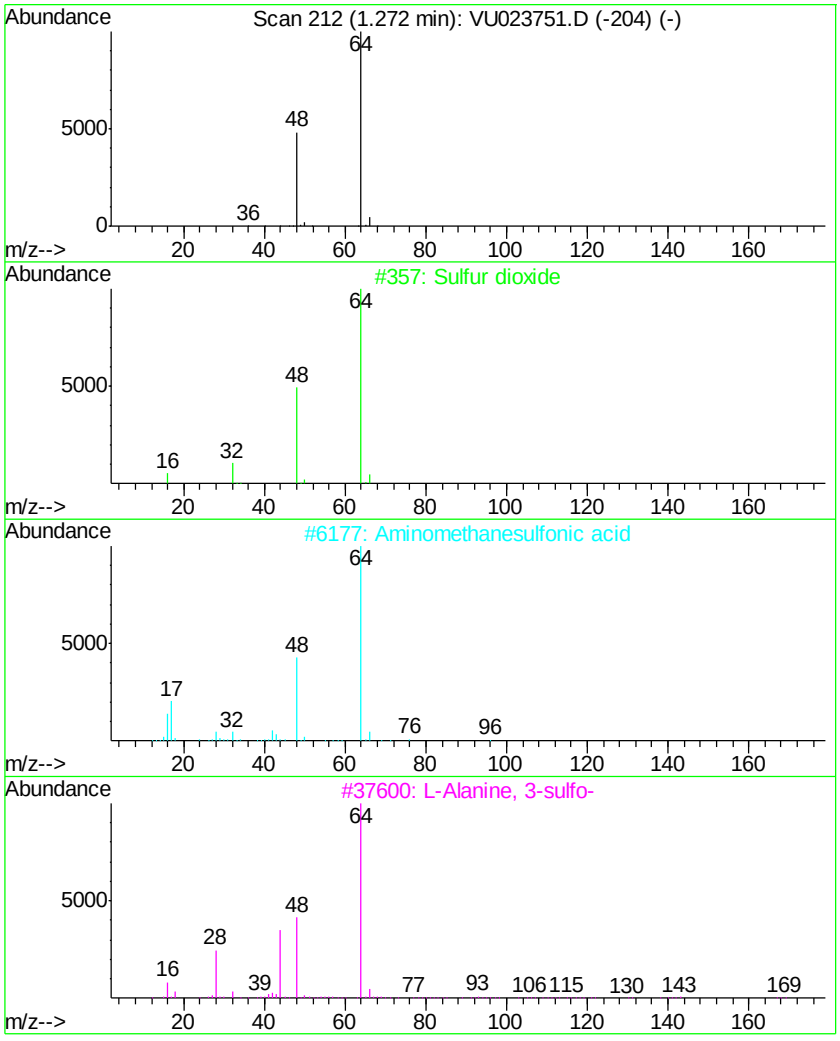
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

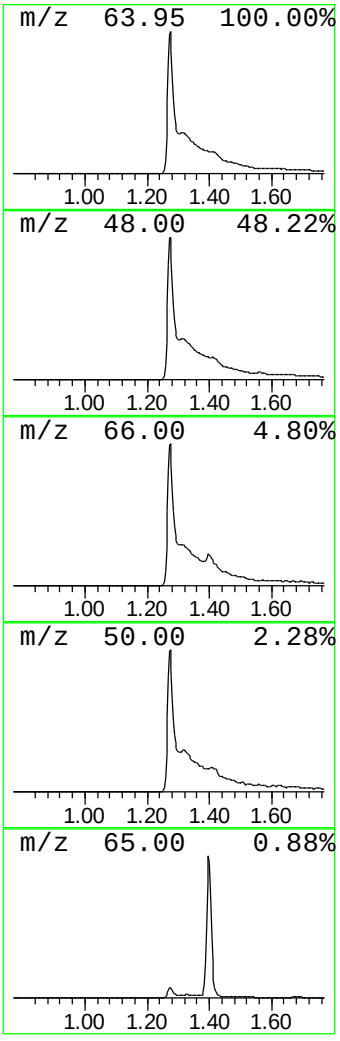
****

Peak Number 2 Sulfur dioxide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.27	128.83 ug/L	2222100	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 : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

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

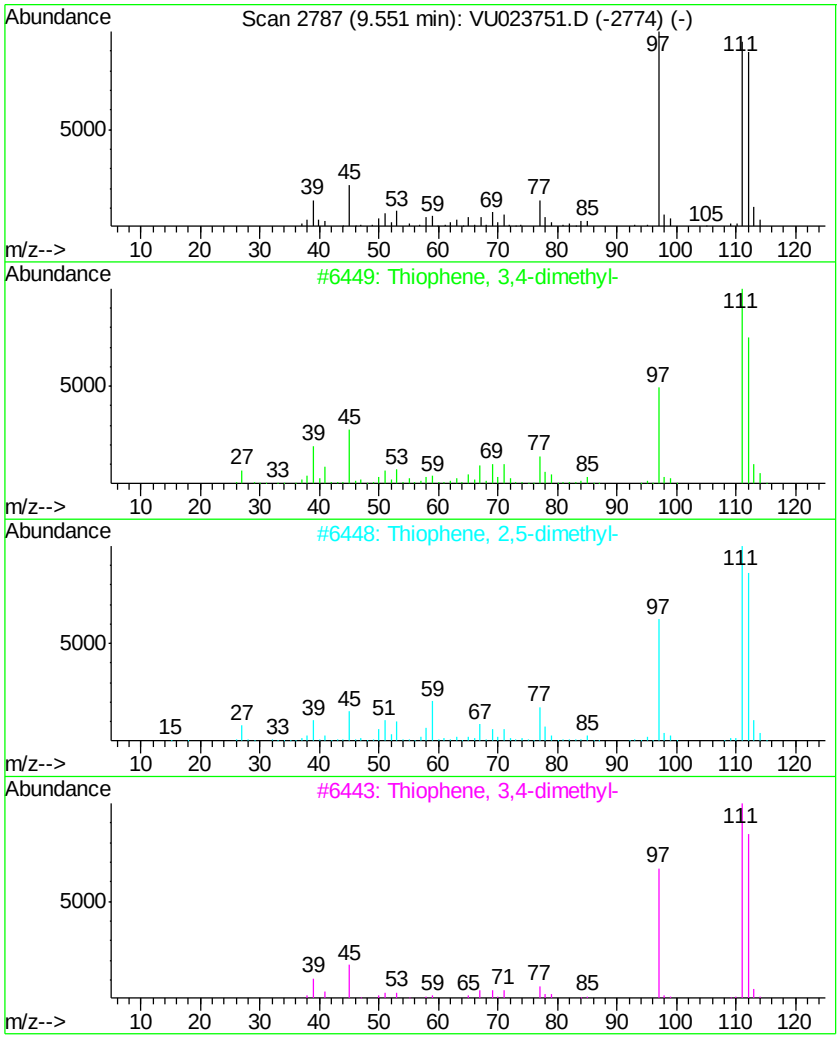
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

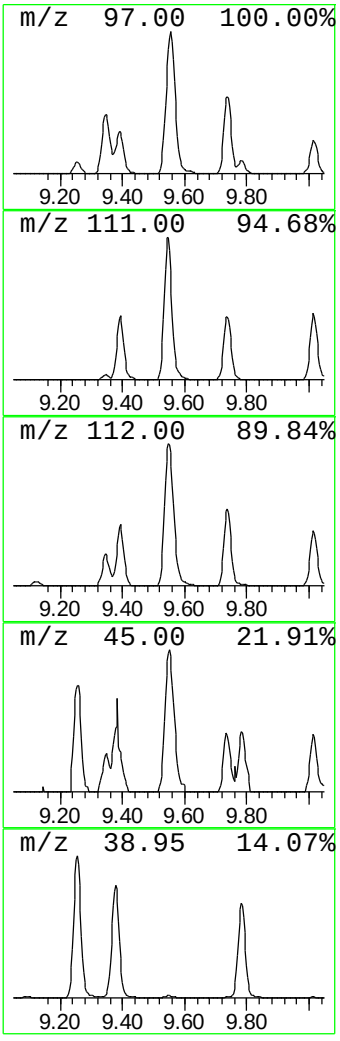
****

Peak Number 4 Thiophene, 3,4-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	6.20 ug/L	131430	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	94
2	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	94
3	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	90
4	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	90
5	Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	90





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050818\
Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

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

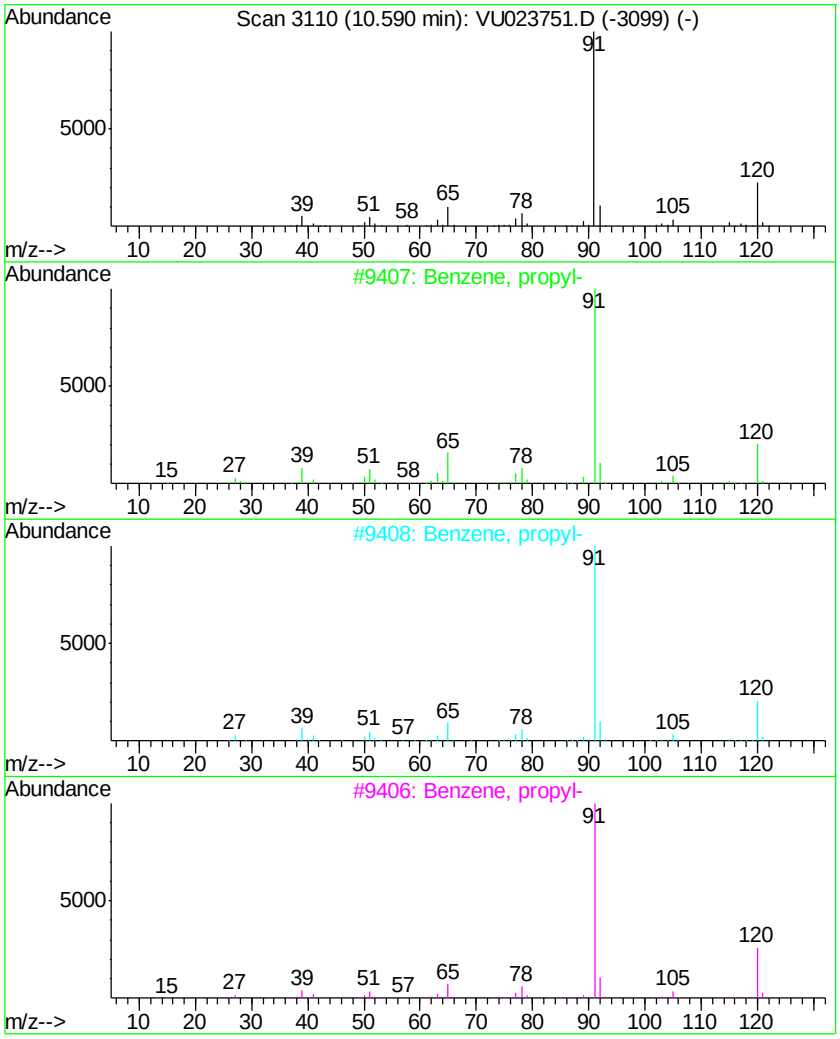
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

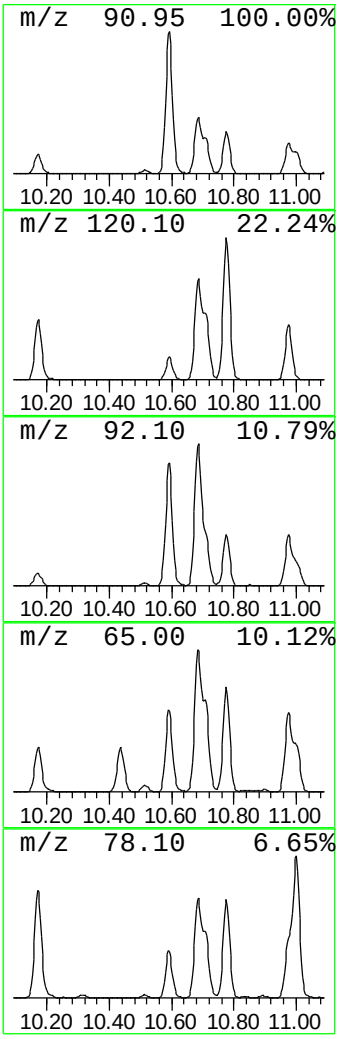
****

Peak Number 5 Benzene, propyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	10.49 ug/L	302144	1,4-Dichlorobenzene-d4	11.49

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	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	78





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050818\
Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

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

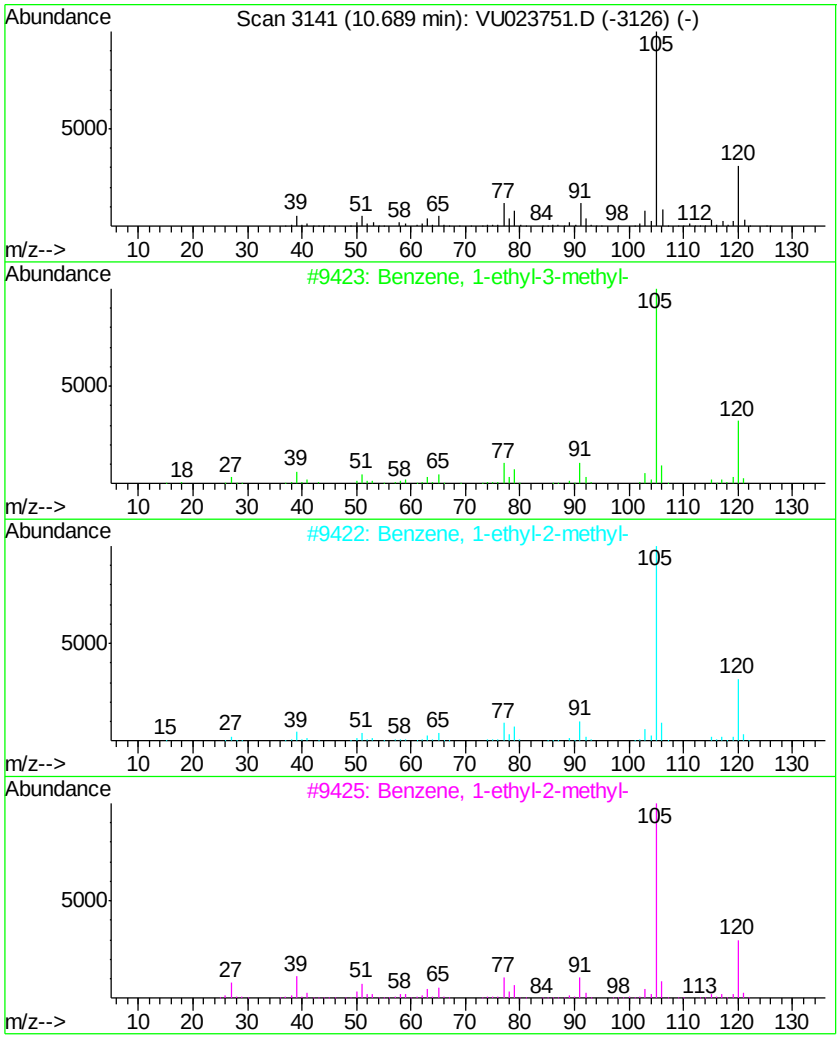
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

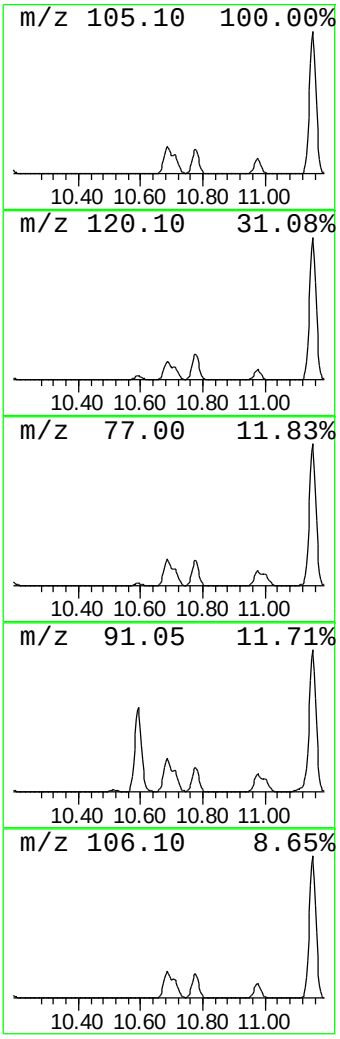
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	46.41 ug/L	1336350	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-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050818\
Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

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

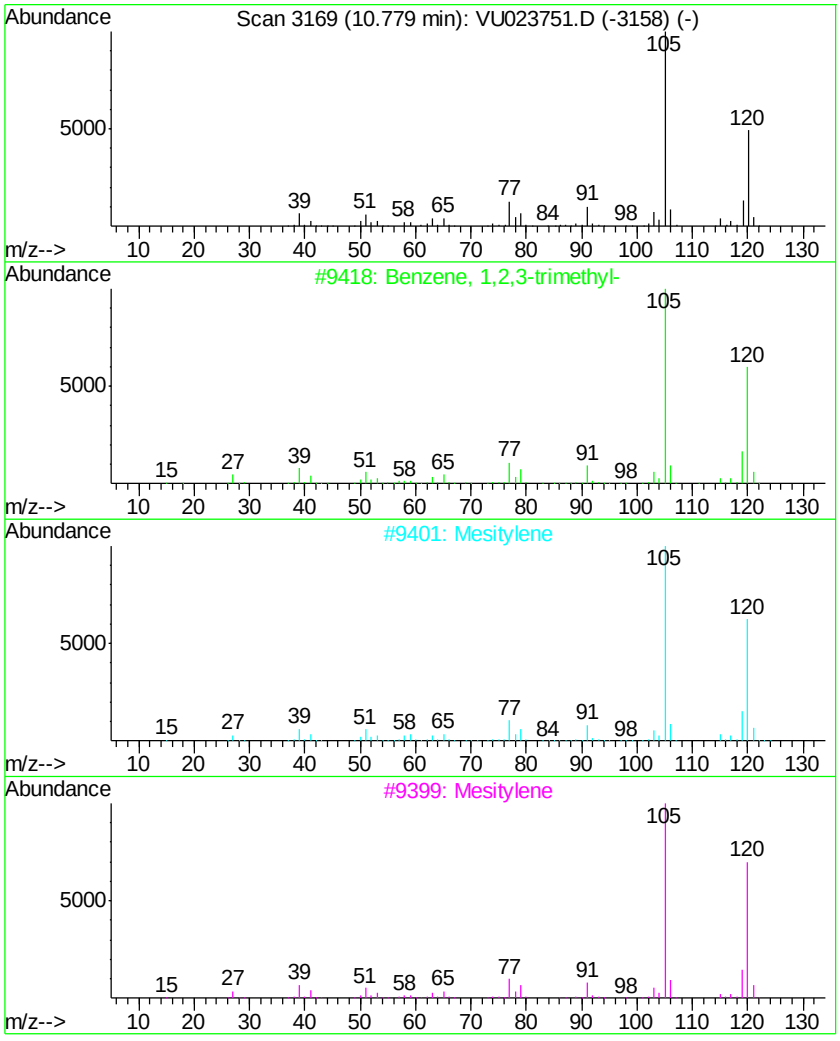
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

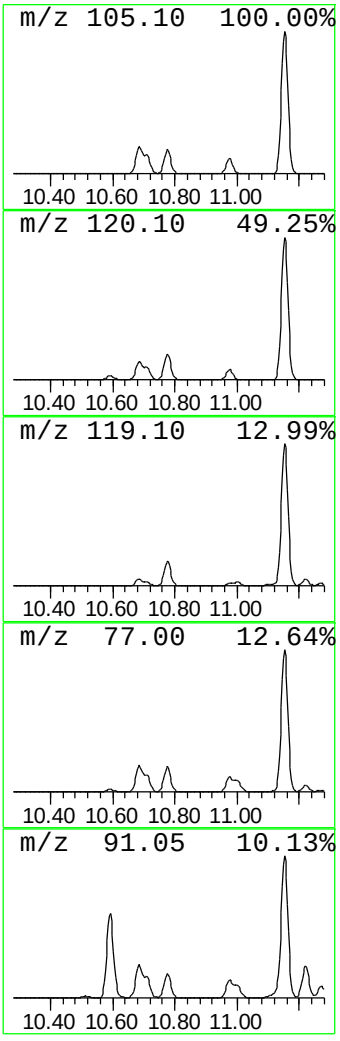
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	42.01 ug/L	1209690	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	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050818\
Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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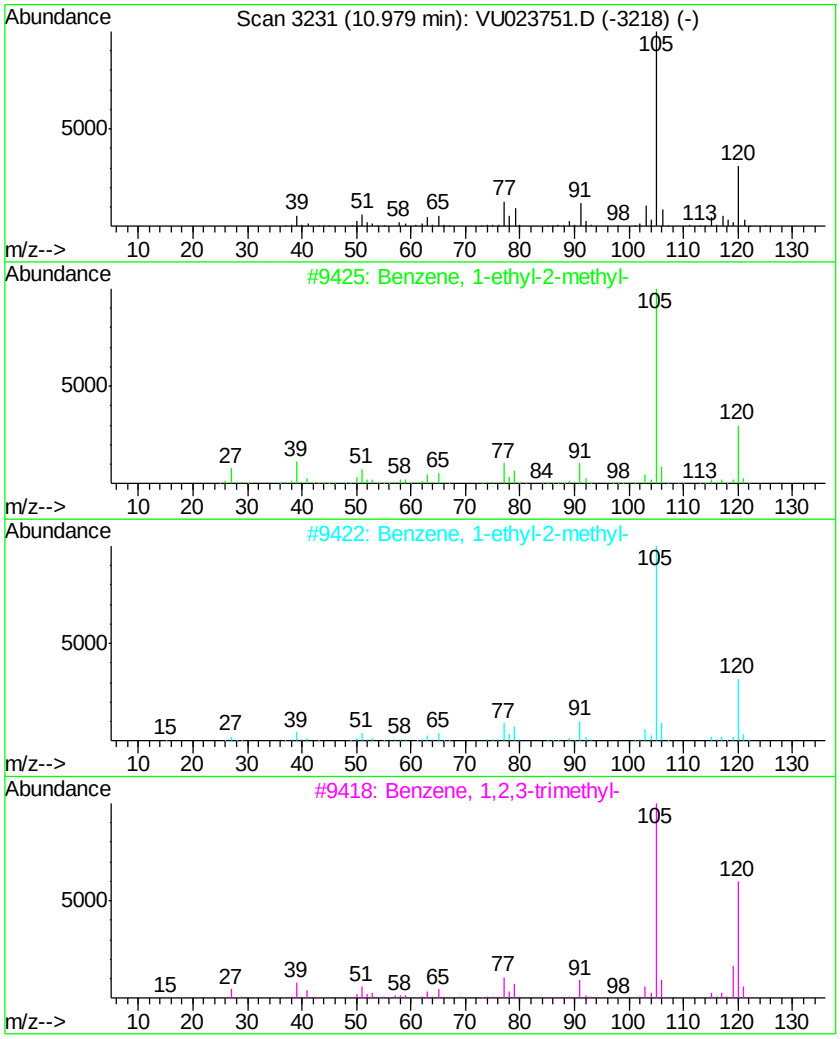
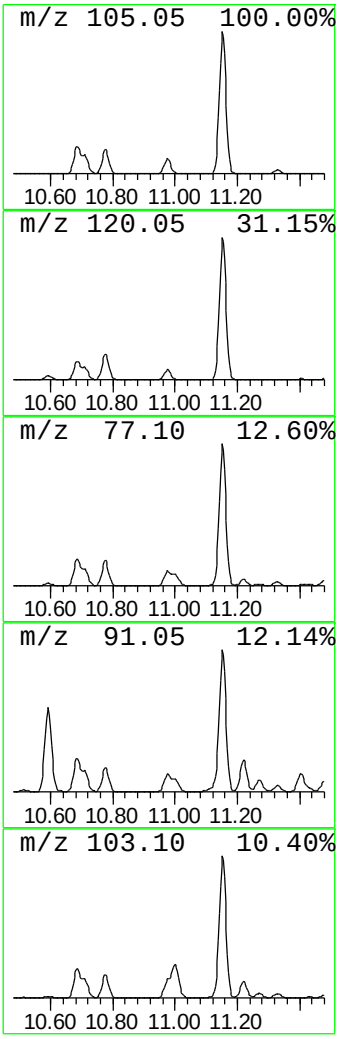
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	23.64 ug/L	680828	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	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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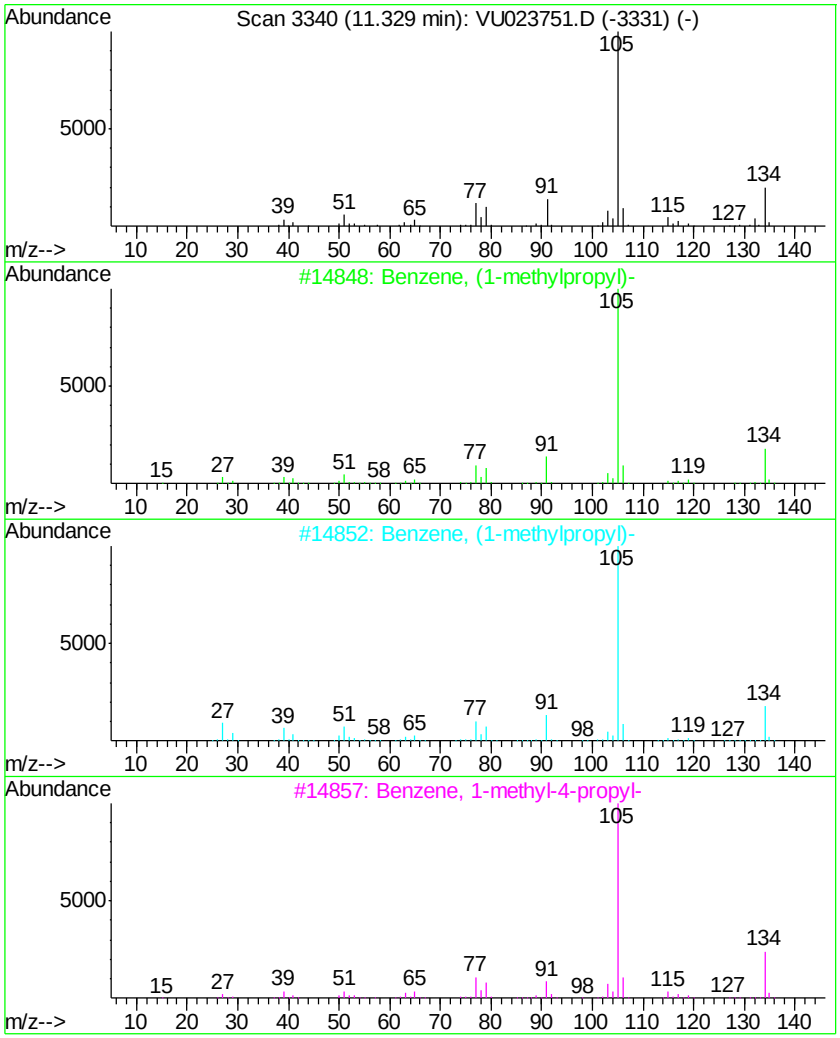
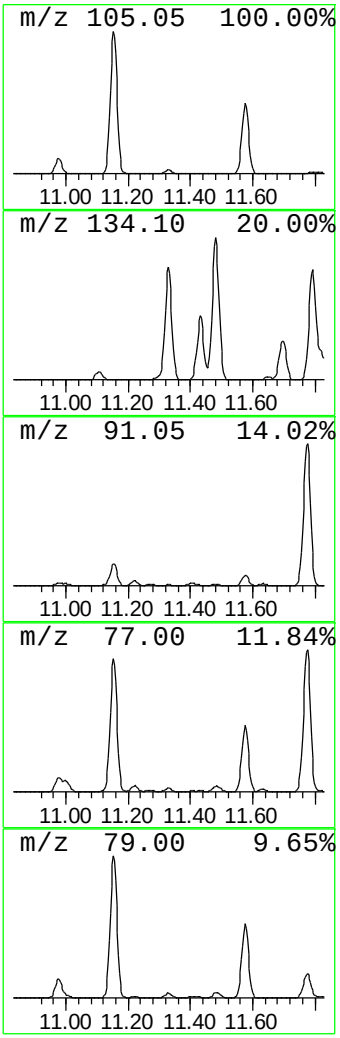
Peak Number 12 Benzene, (1-methylpropyl)- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	5.48 ug/L	157784	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	83
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	80





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Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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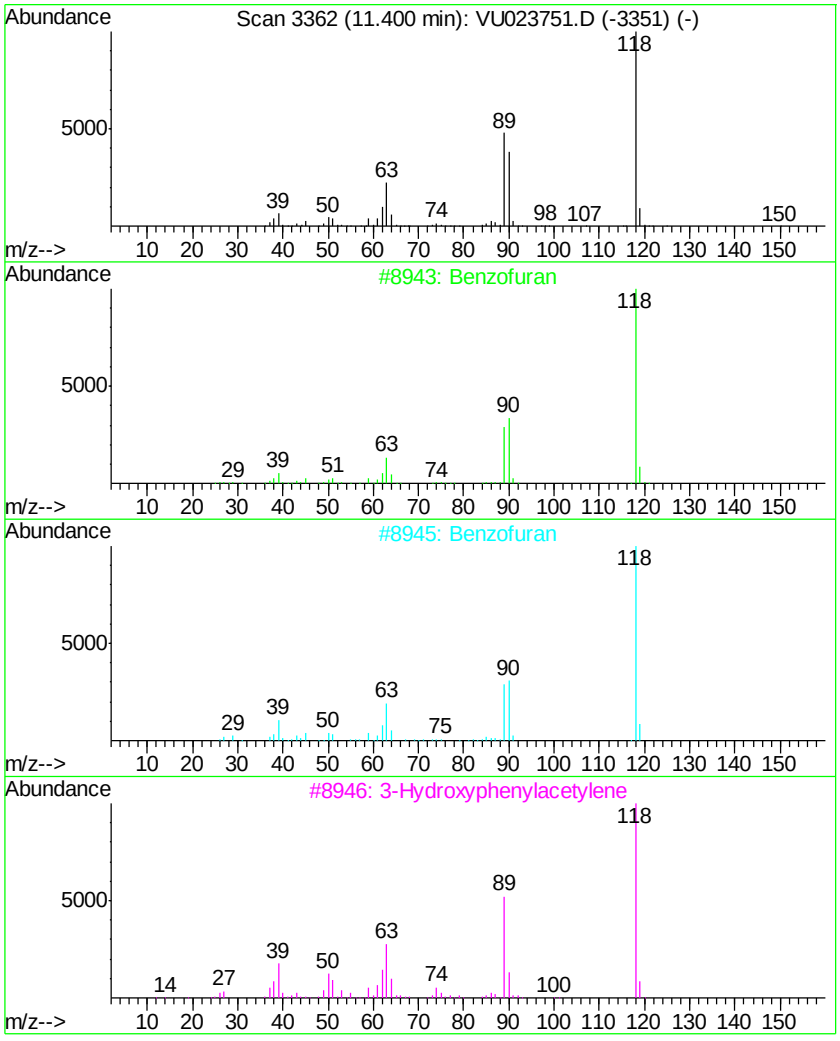
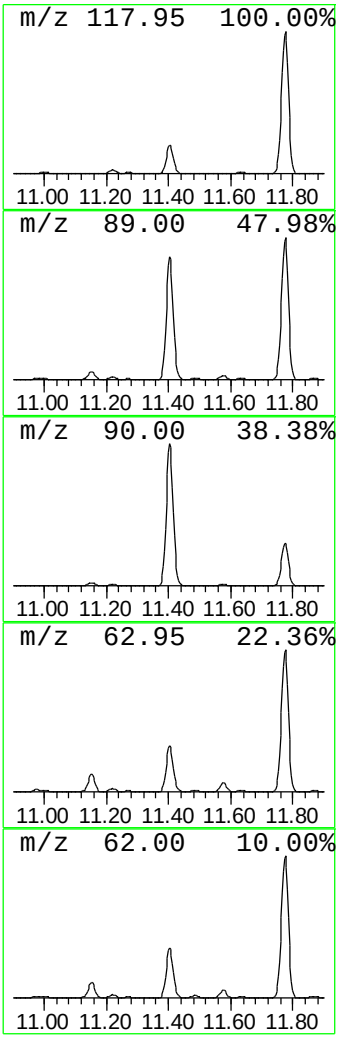
Peak Number 13 Benzofuran Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	123.01 ug/L	3542180	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	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	78
4	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	64
5	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	59





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Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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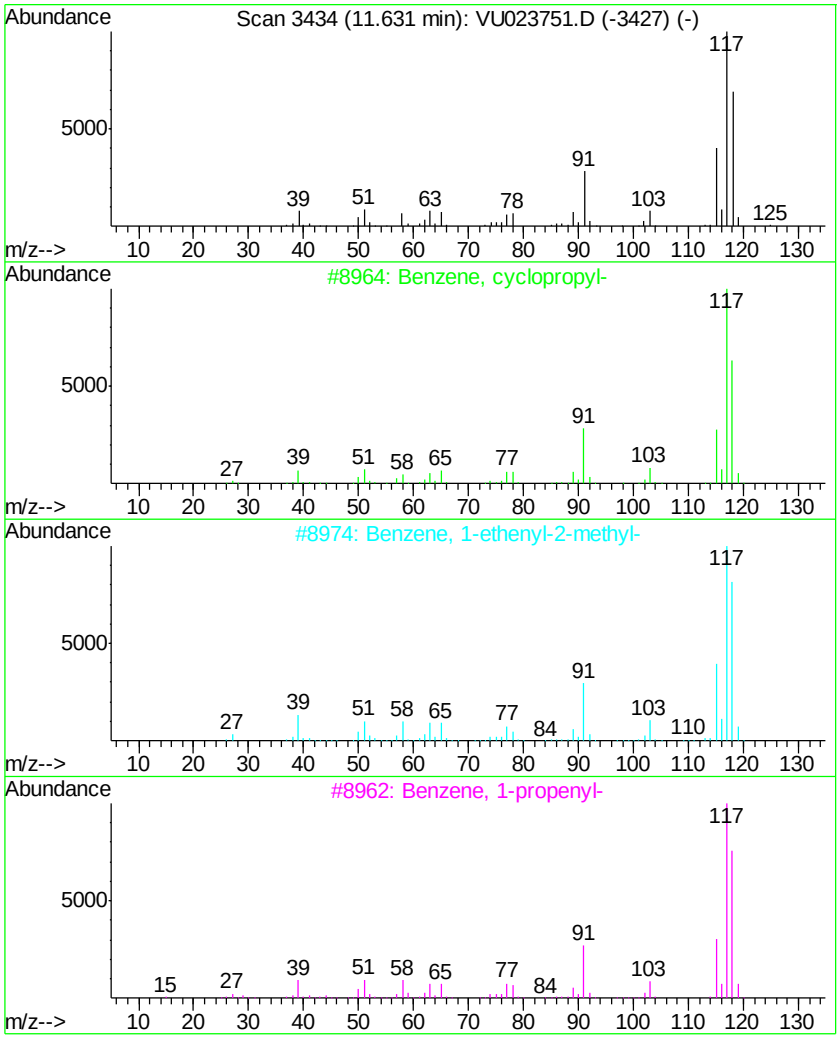
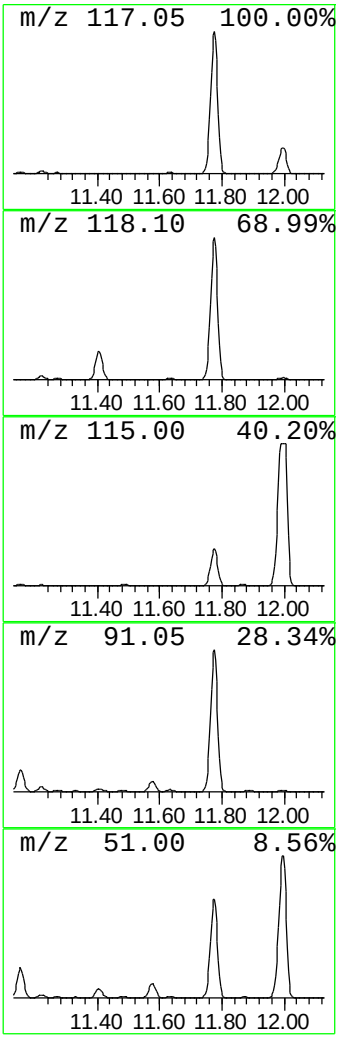
Peak Number 15 Benzene, cyclopropyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	10.24 ug/L	294939	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	95
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91





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Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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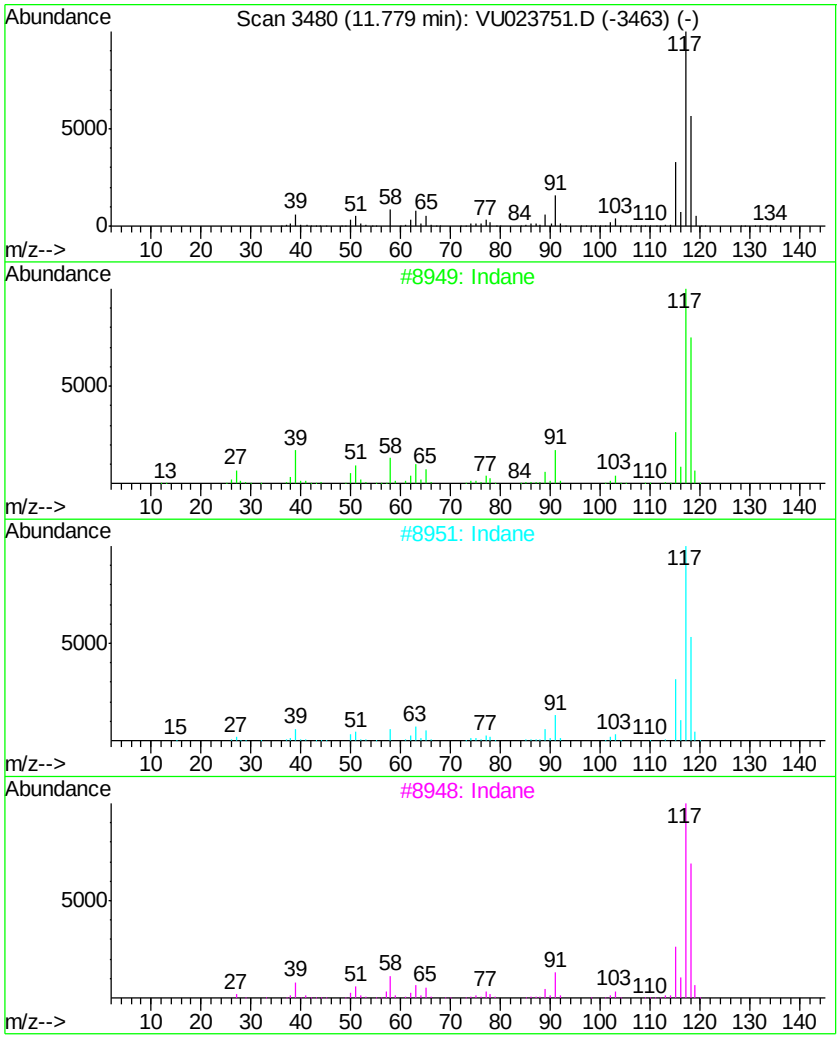
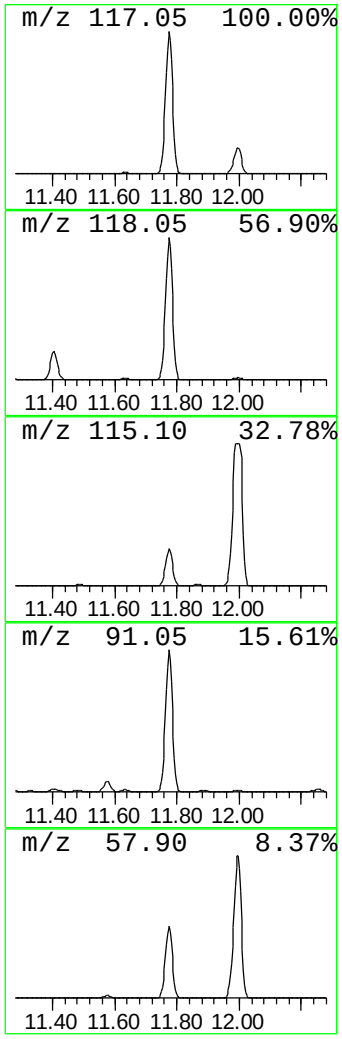
Peak Number 16 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	1106.51 ug/L	31864100	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72





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Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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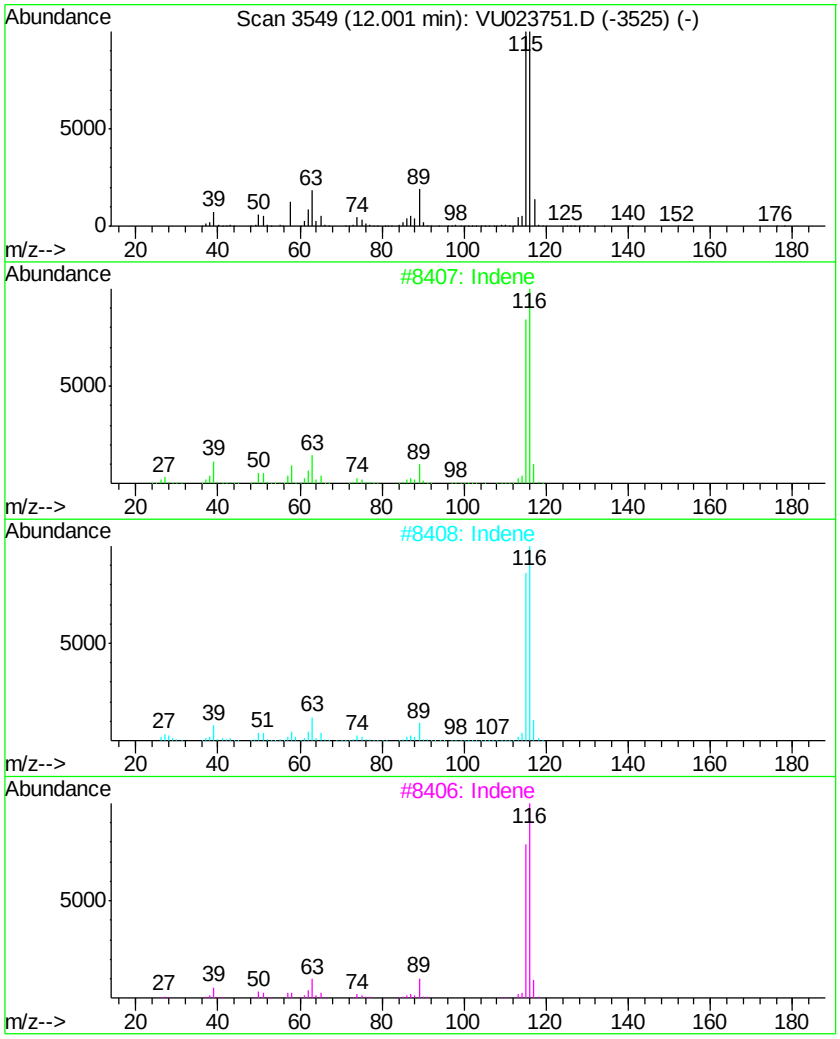
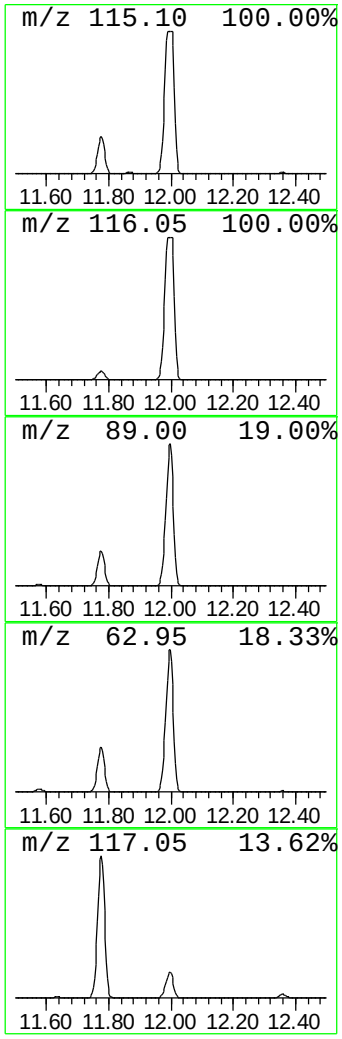
Peak Number 17 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2240.96 ug/L	64533100	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Indene	116	C9H8	000095-13-6	96
3	Indene	116	C9H8	000095-13-6	95
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	86
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	70





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Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.36 ug/L	96785	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	o-Cymene	134	C10H14	000527-84-4	93
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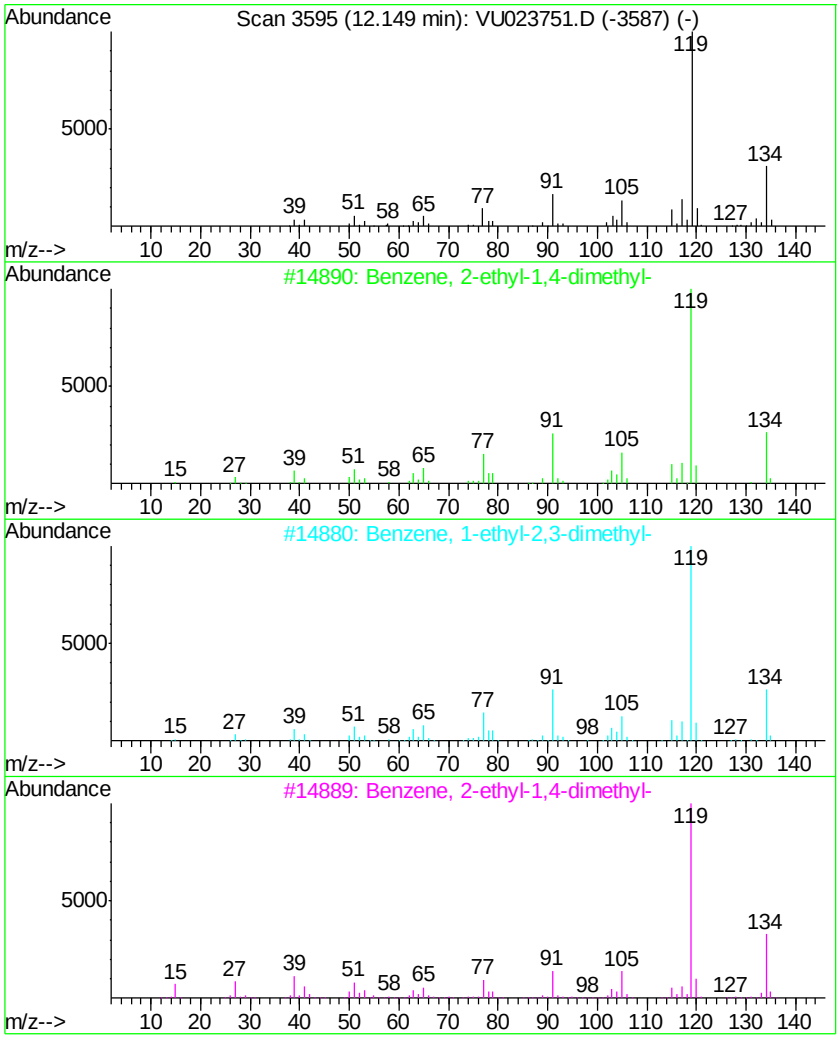

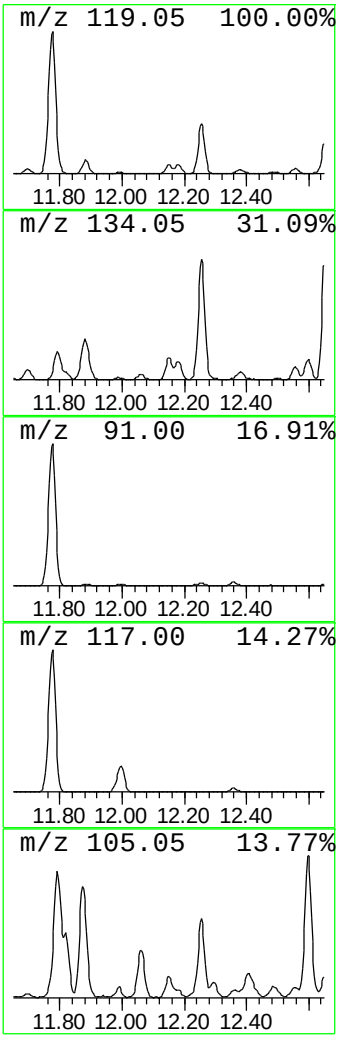

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Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

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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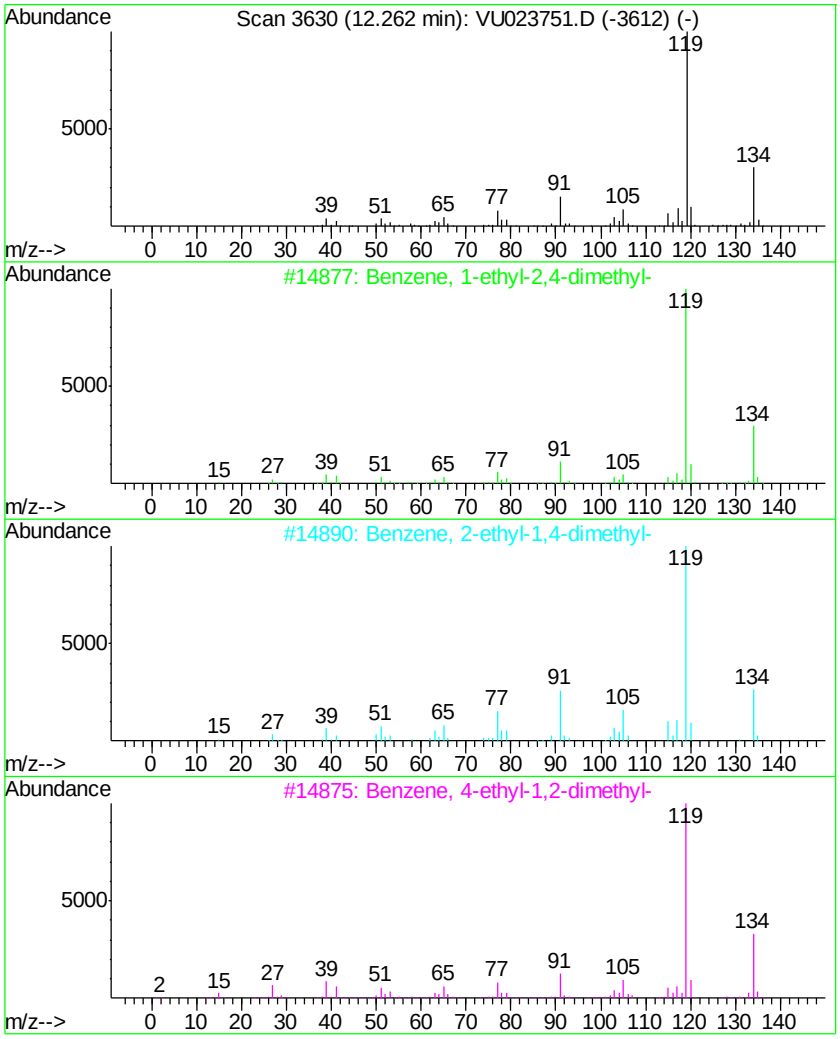
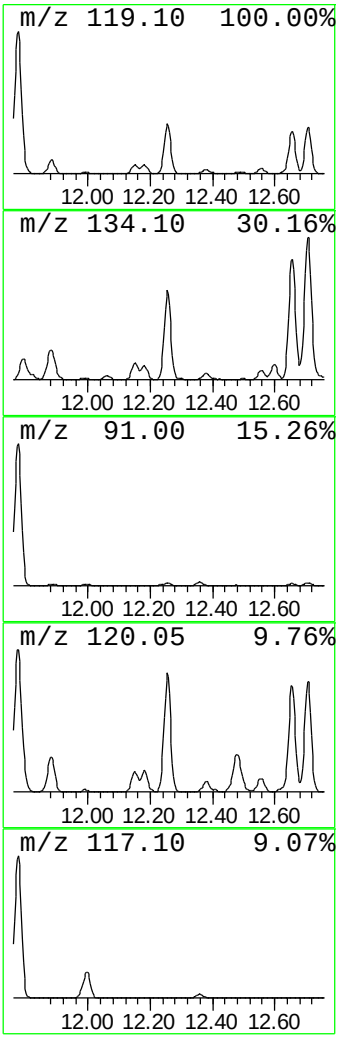
Peak Number 19 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	19.10 ug/L	550110	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





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Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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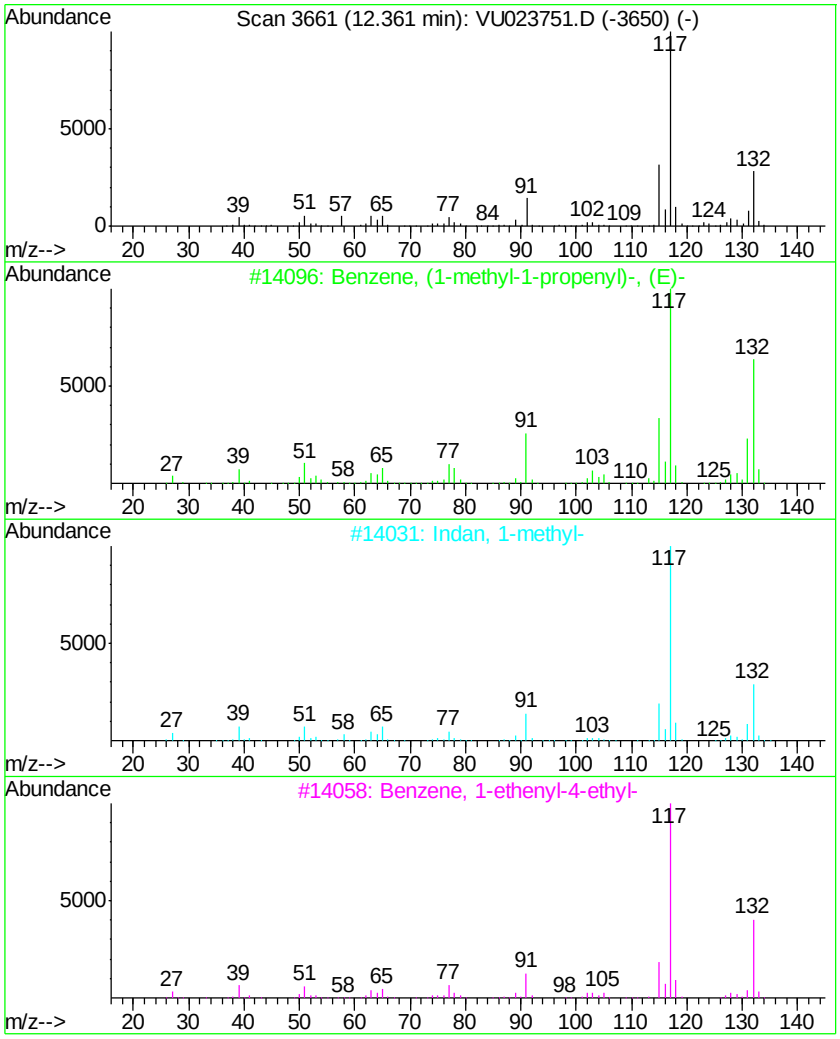
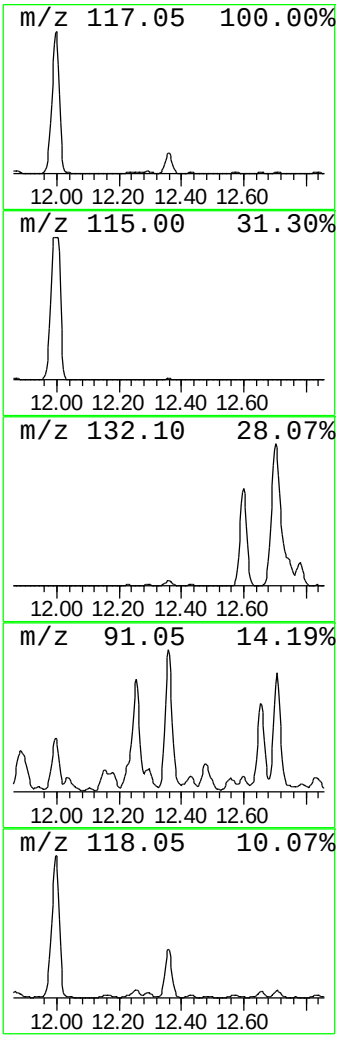
Peak Number 20 Benzene, (1-methyl-1-propen... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	28.61 ug/L	823758	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	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





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Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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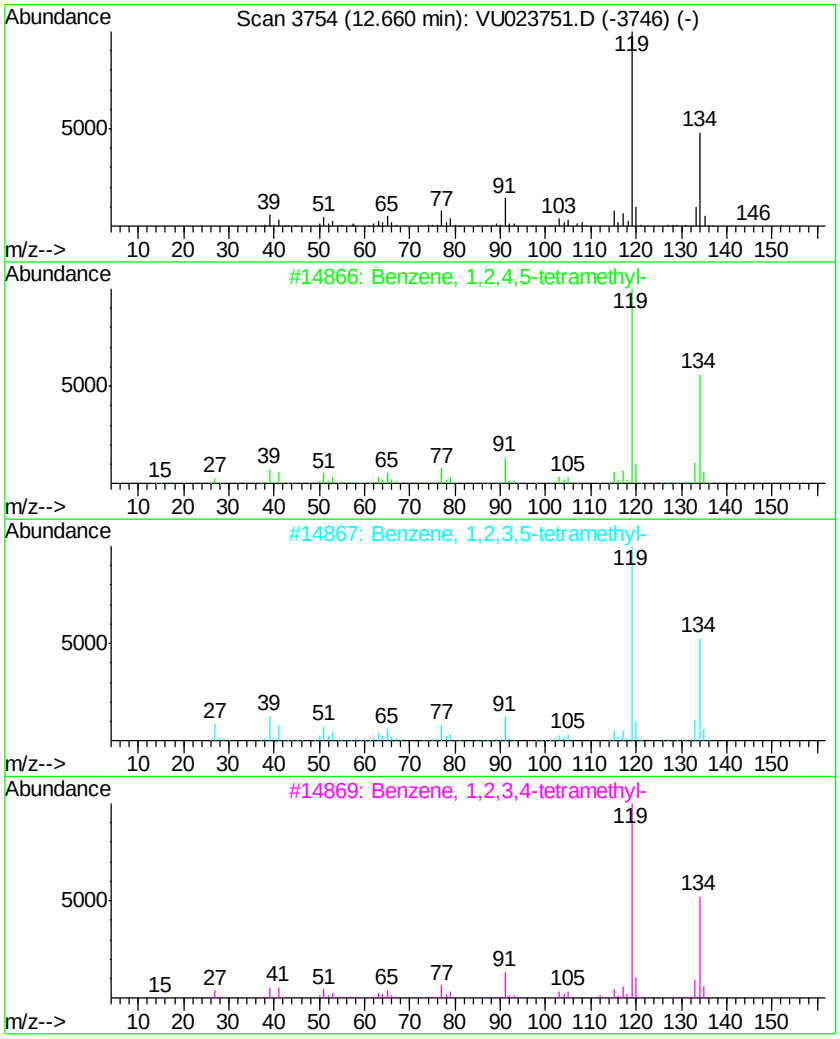
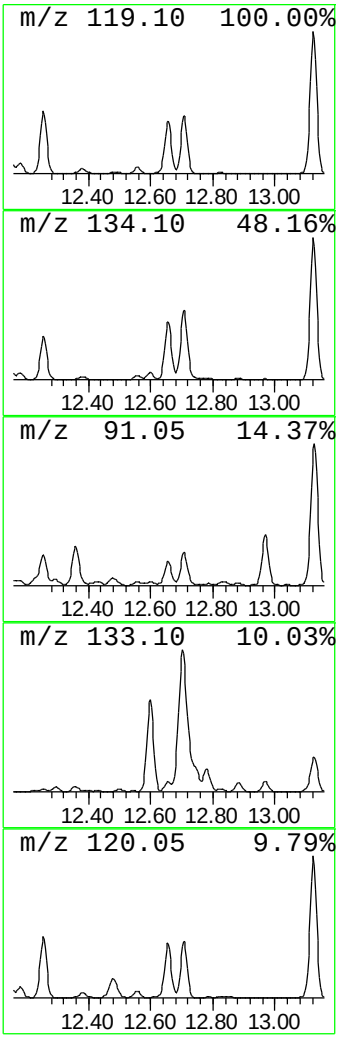
Peak Number 22 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	14.22 ug/L	409635	1,4-Dichlorobenzene-d4	11.49

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





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Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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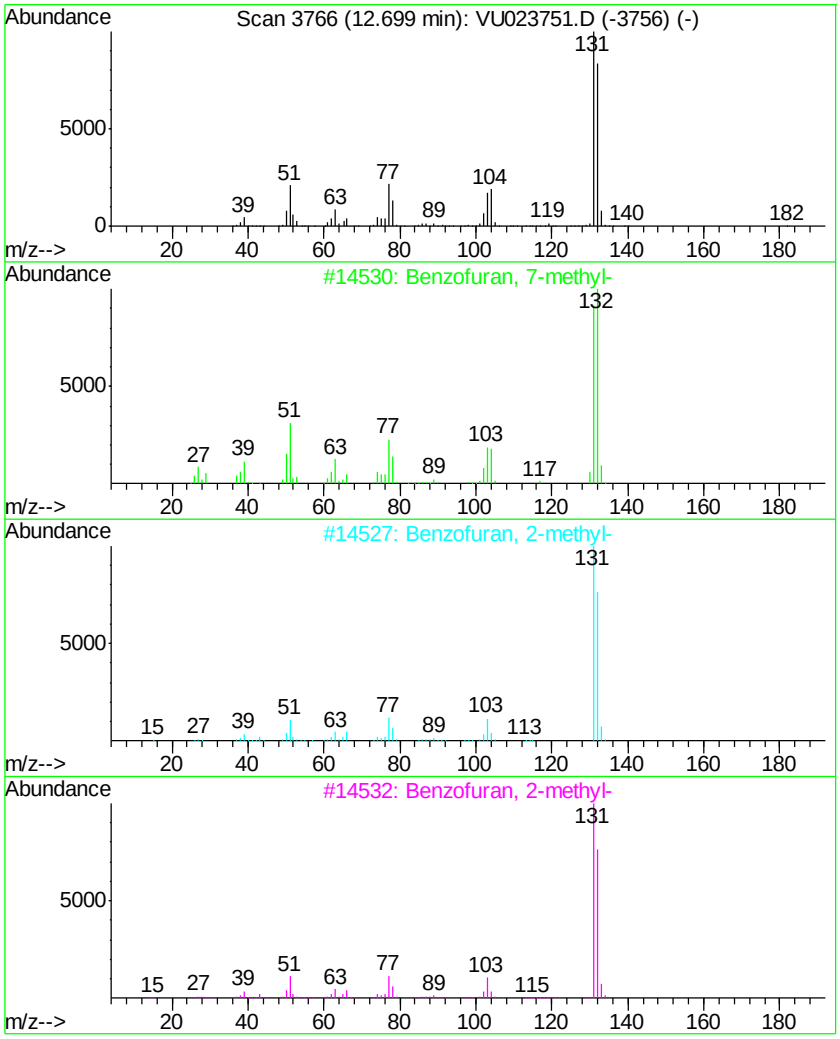
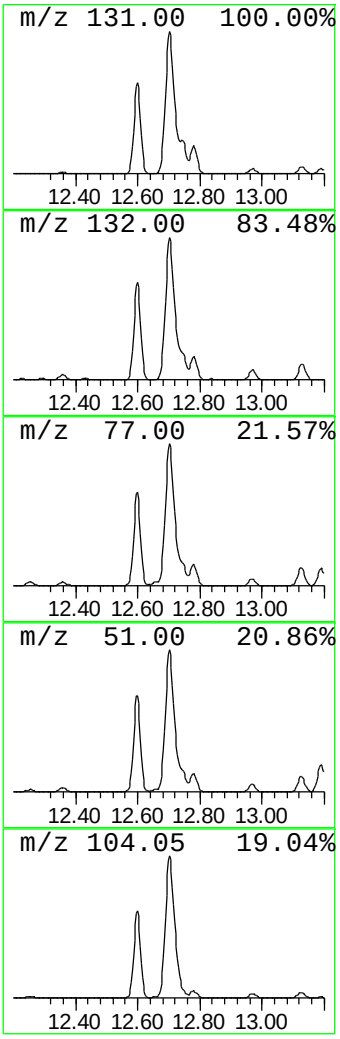
Peak Number 23 Benzofuran, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	502.40 ug/L	14467700	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	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	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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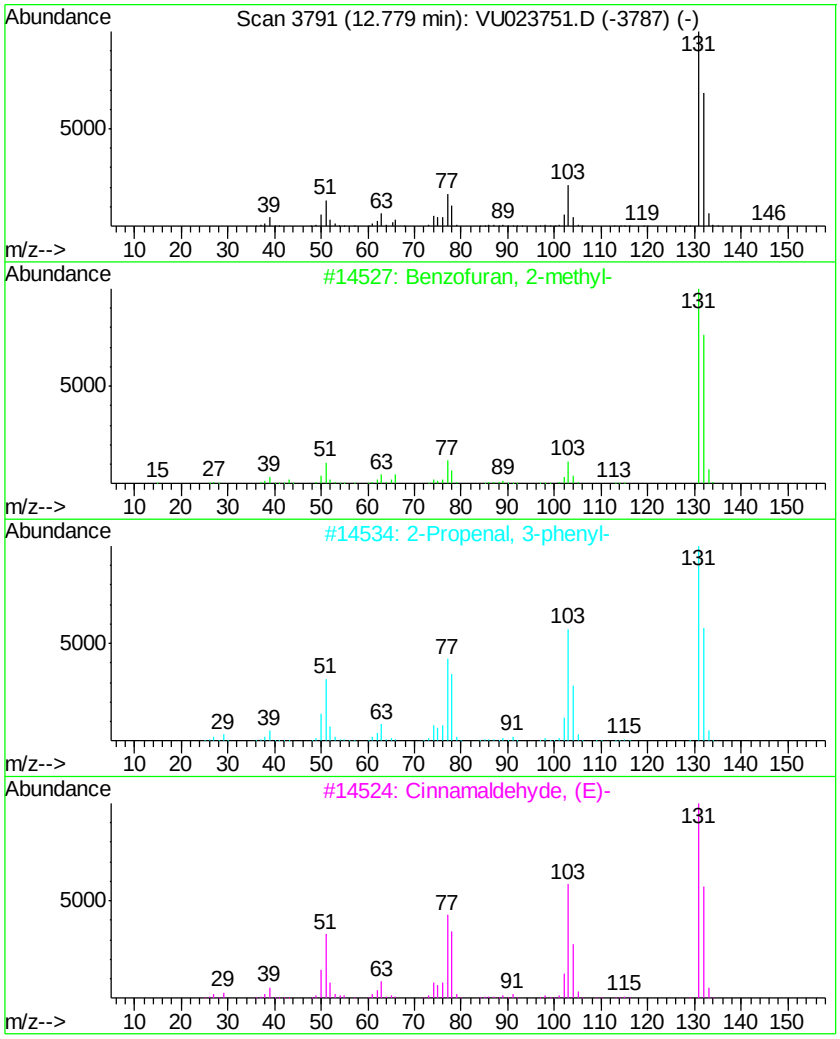
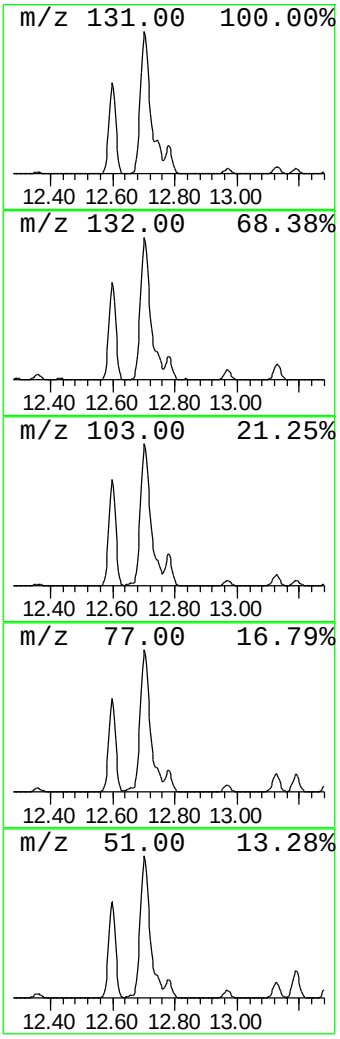
Peak Number 24 Benzofuran, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	47.32 ug/L	1362670	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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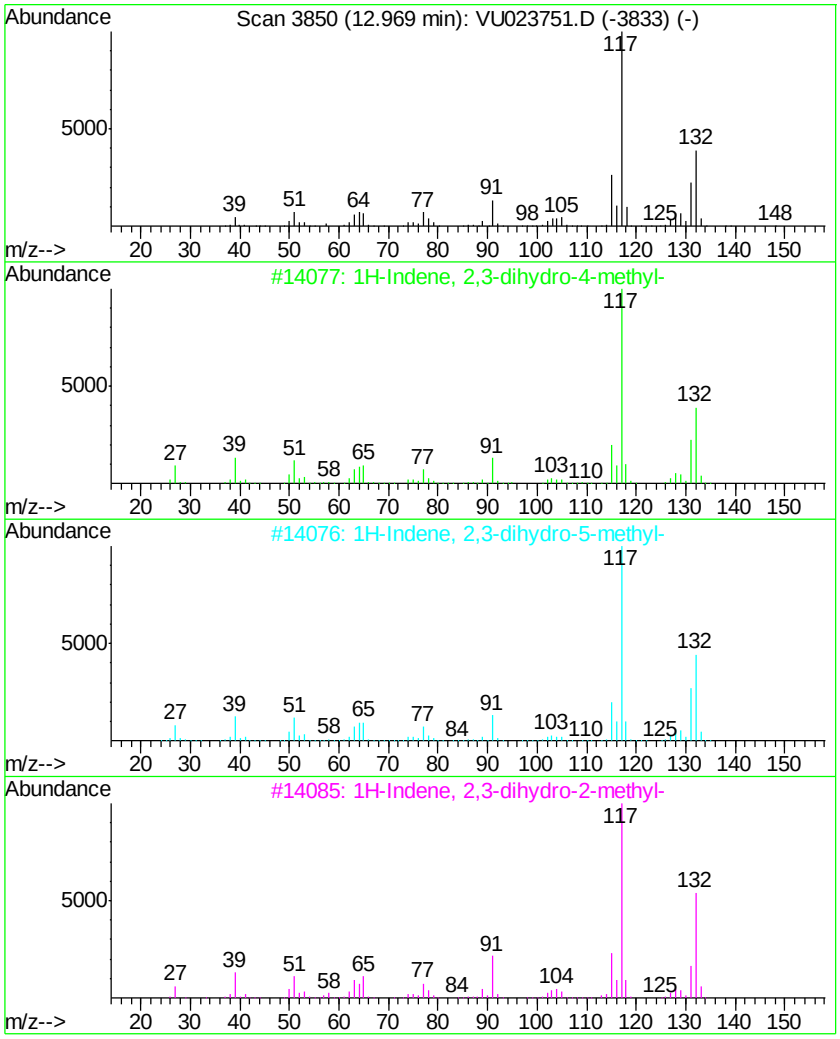
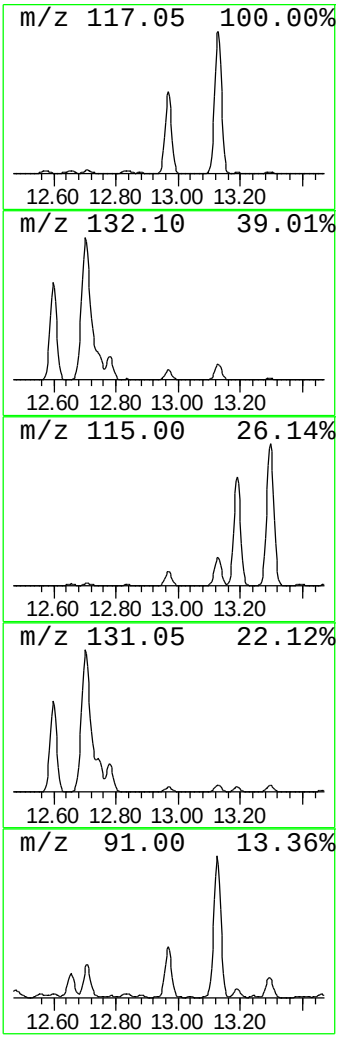
Peak Number 25 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	43.75 ug/L	1259890	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	90
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





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Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

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

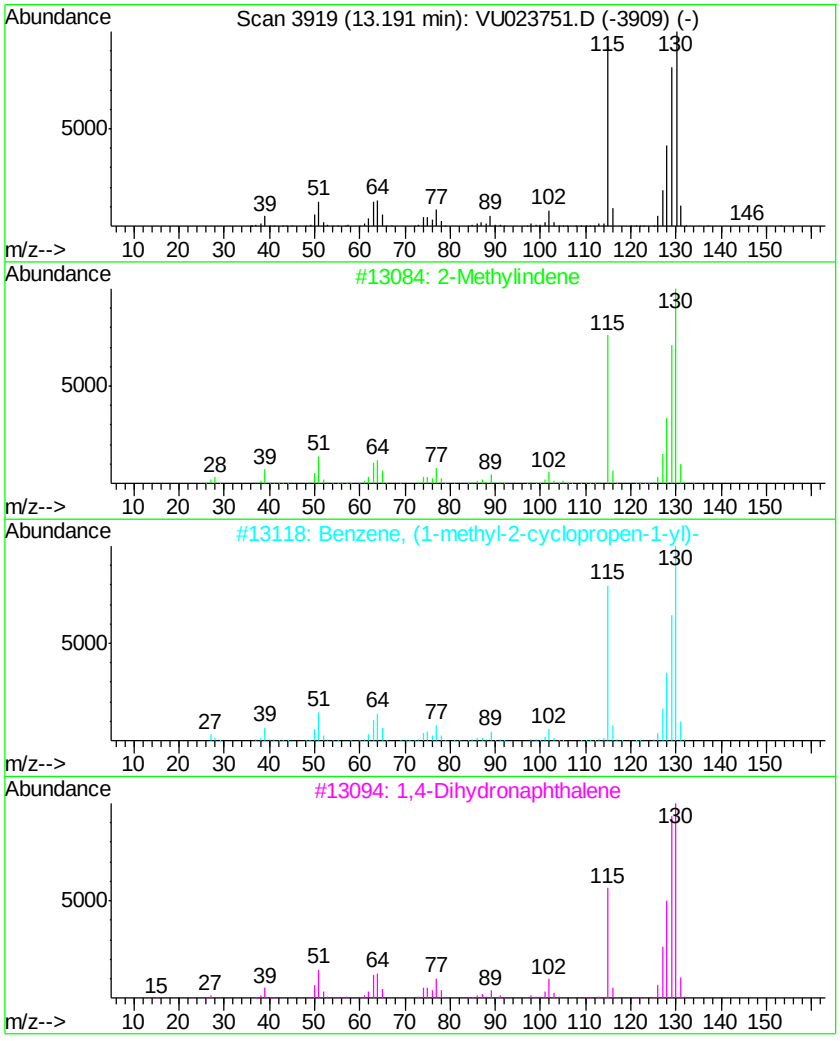
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

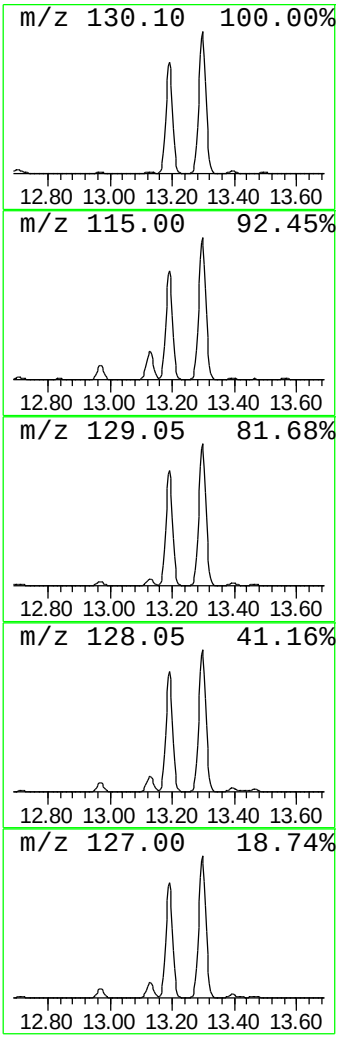
****

Peak Number 27 2-Methylindene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	135.97 ug/L	3915450	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	97
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





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Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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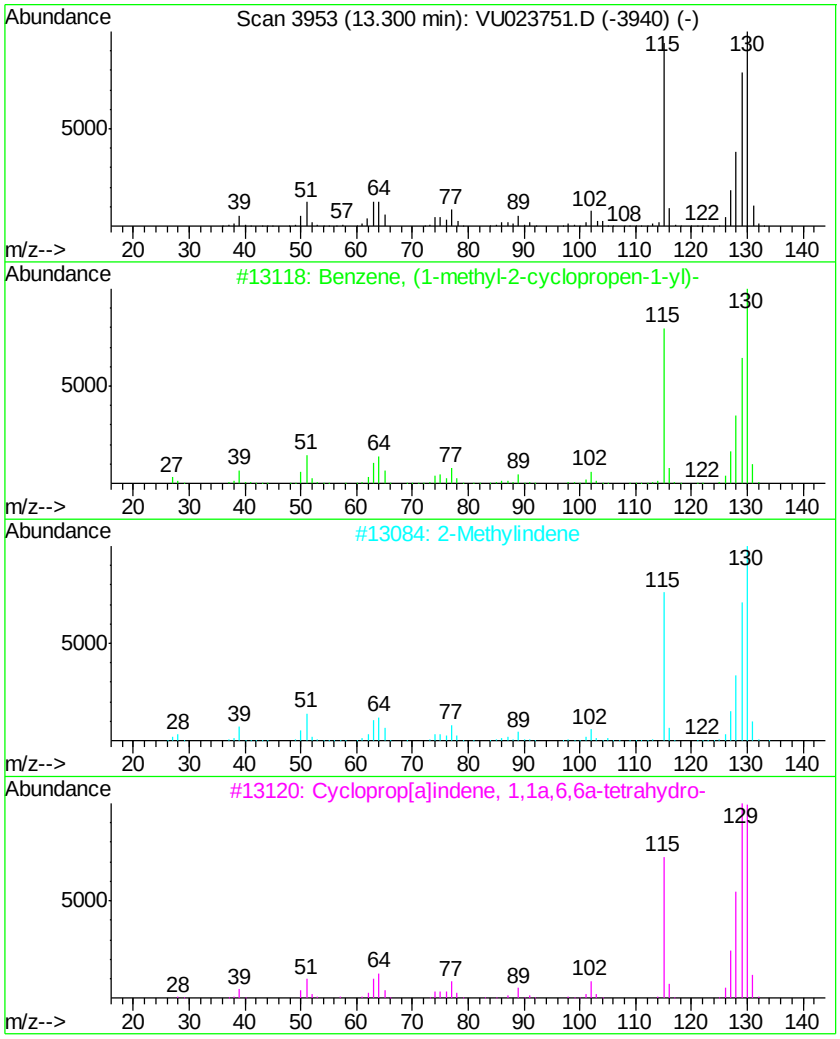
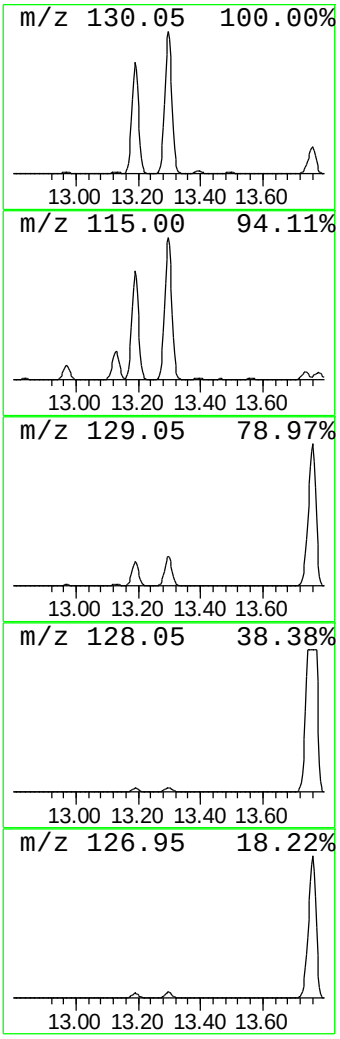
Peak Number 28 Benzene, (1-methyl-2-cyclop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	184.63 ug/L	5316640	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	97
2	2-Methylindene	130	C10H10	002177-47-1	97
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050818\
Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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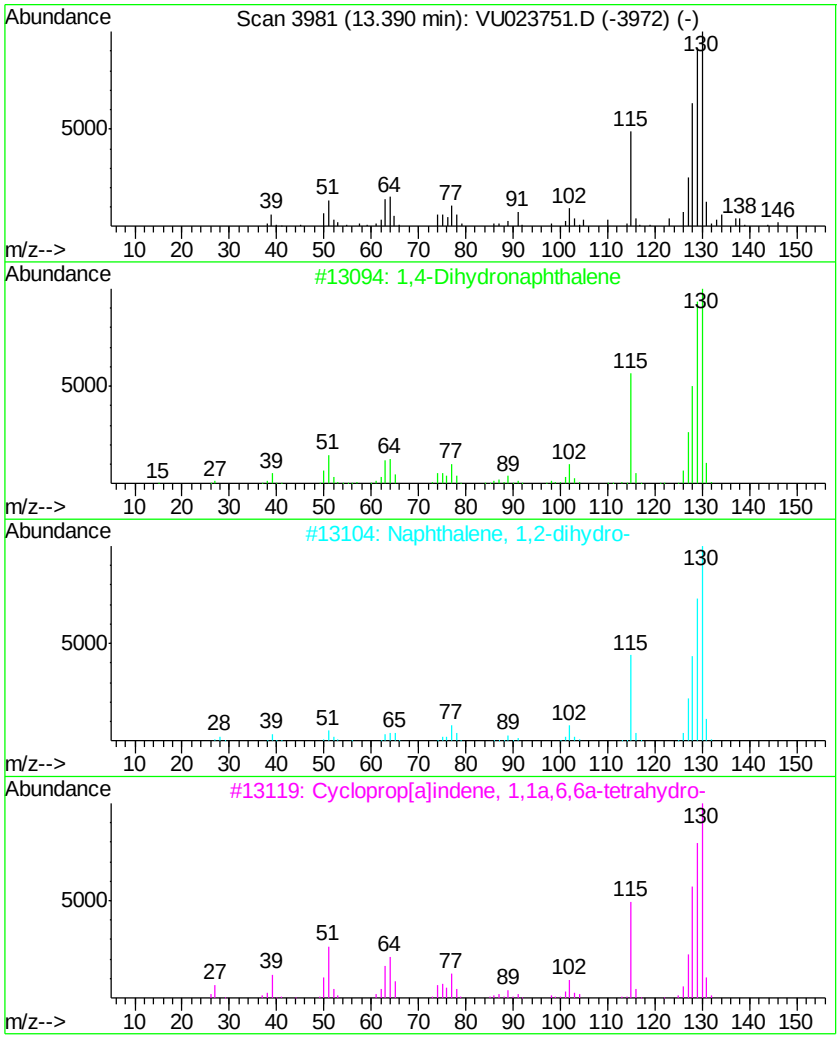
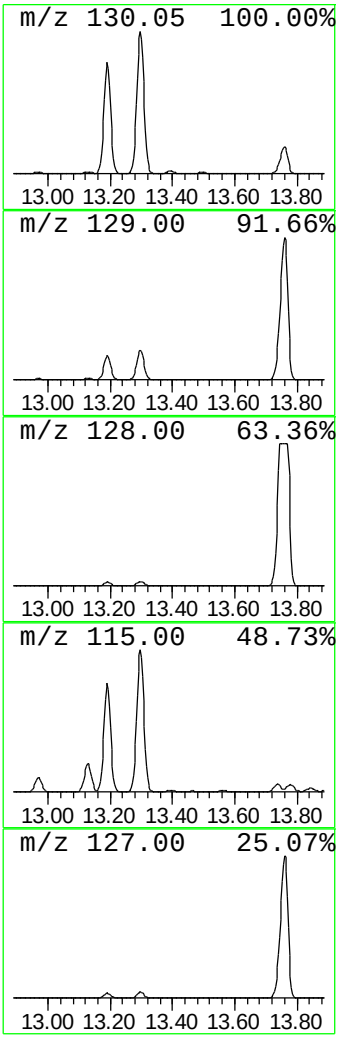
Peak Number 29 1,4-Dihydronaphthalene Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	3.97 ug/L	114402	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	97
2	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	95
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93
5	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	93





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050818\
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Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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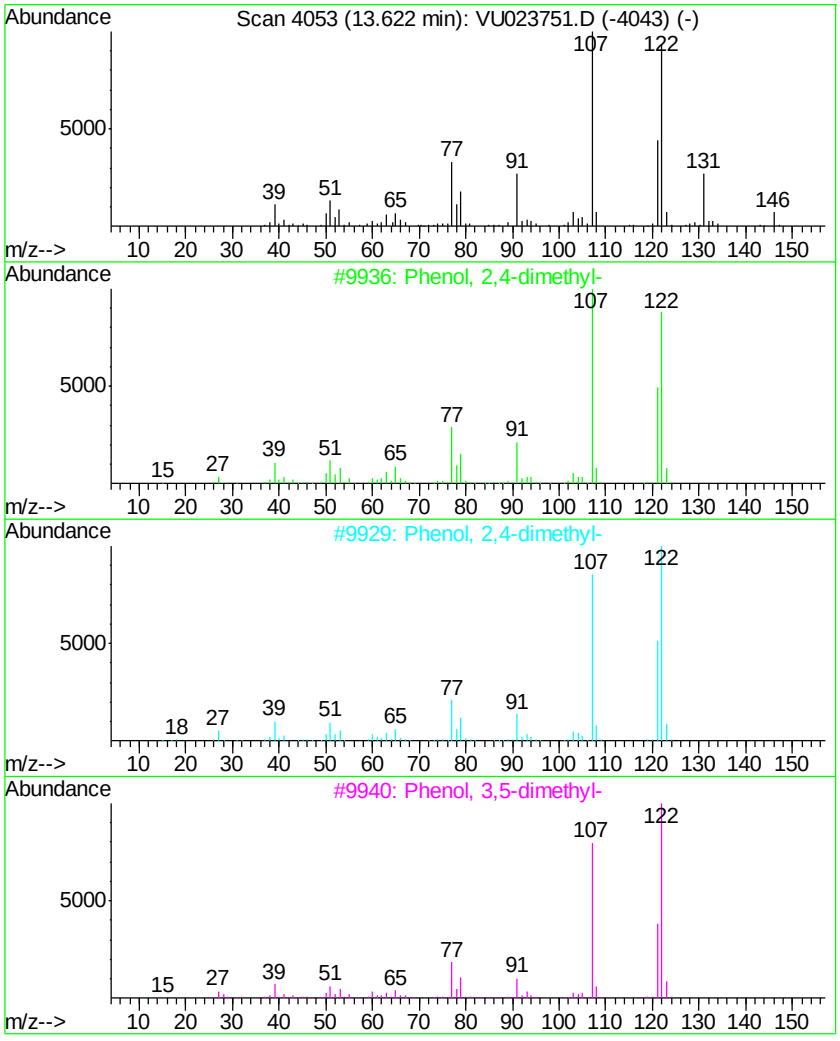
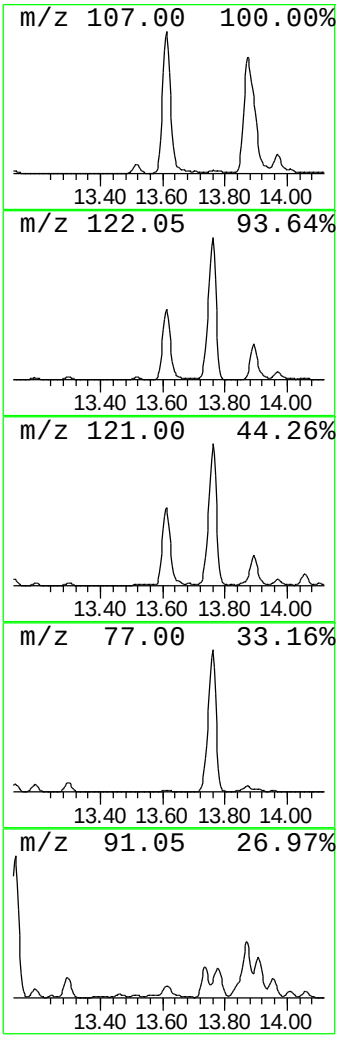
Peak Number 31 Phenol, 2,4-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	9.79 ug/L	281850	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	96
2	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	96
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	93





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050818\
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Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

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

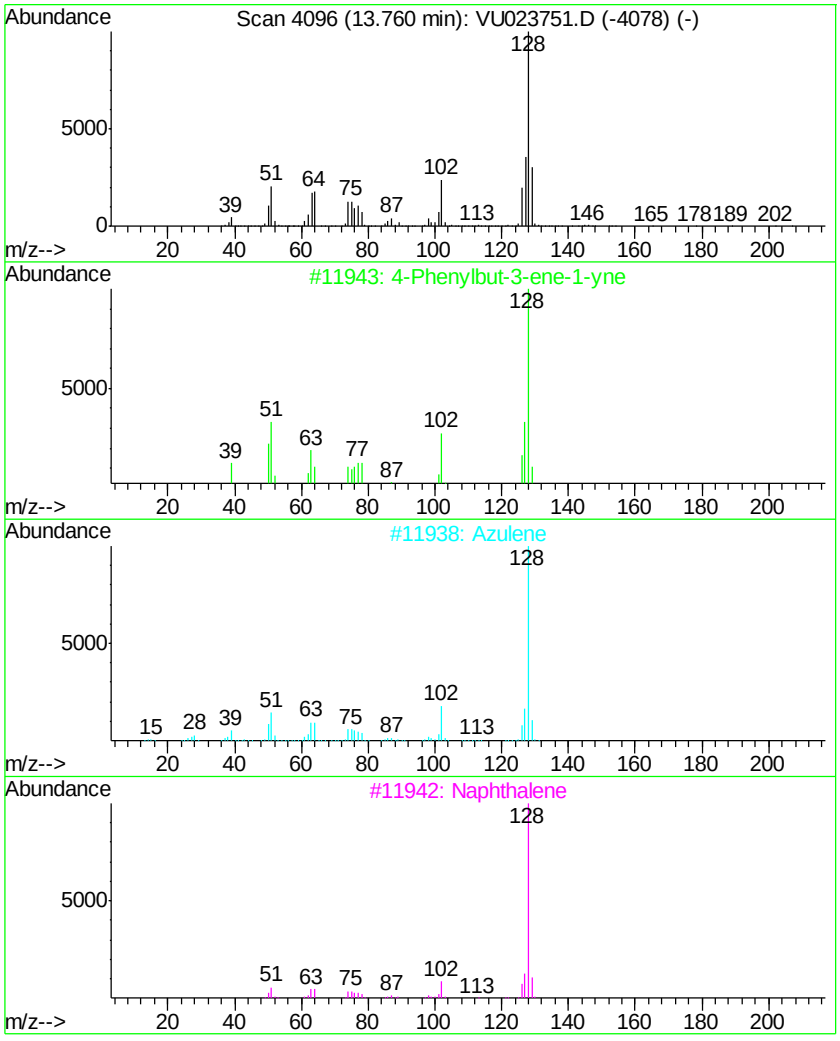
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

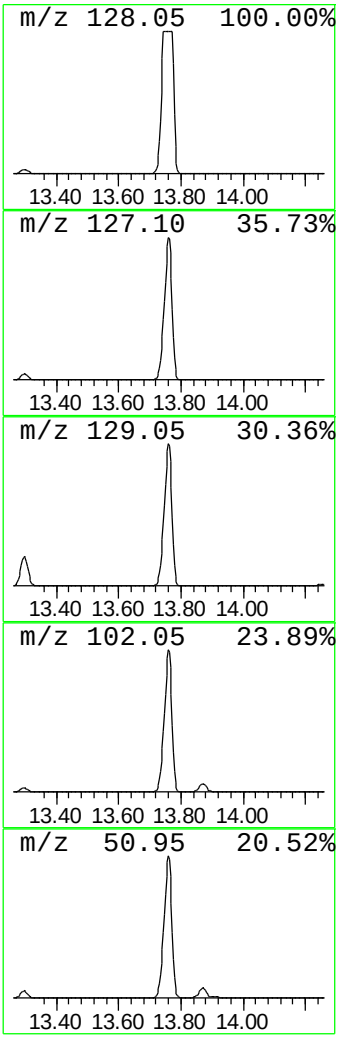
****

Peak Number 32 4-Phenylbut-3-ene-1-yne Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2634.07 ug/L	75853300	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	83
2	Azulene	128	C10H8	000275-51-4	81
3	Naphthalene	128	C10H8	000091-20-3	81
4	Azulene	128	C10H8	000275-51-4	76
5	Azulene	128	C10H8	000275-51-4	76





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Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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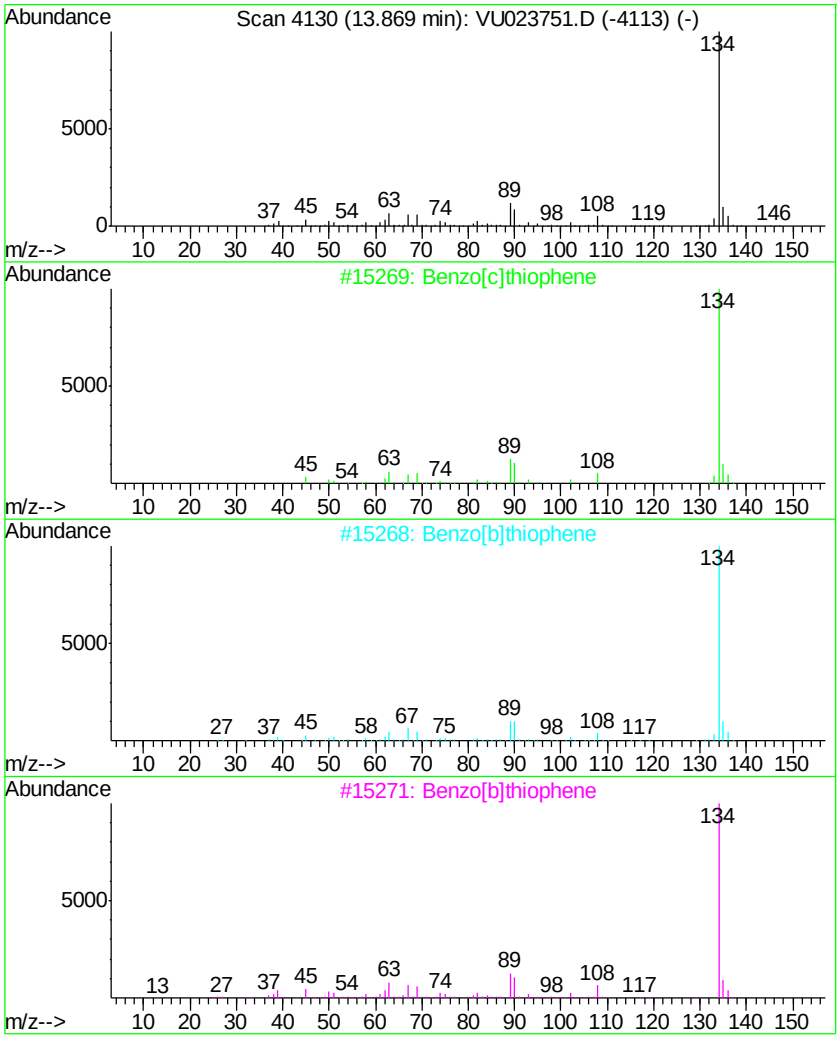
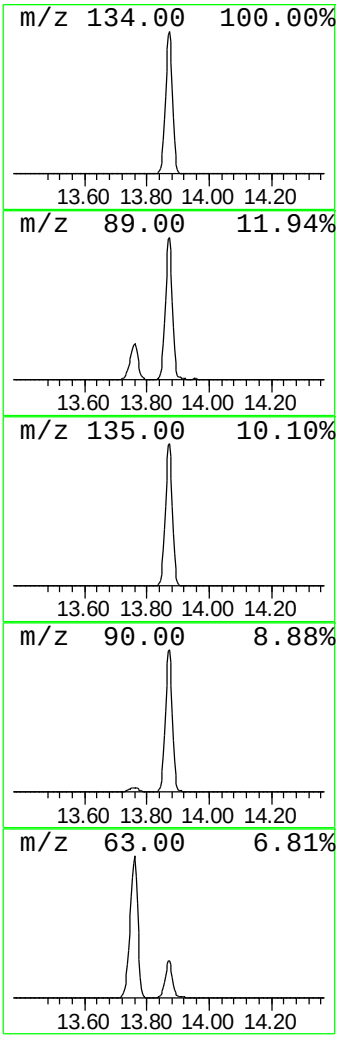
Peak Number 33 Benzo[c]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	695.97 ug/L	20041800	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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Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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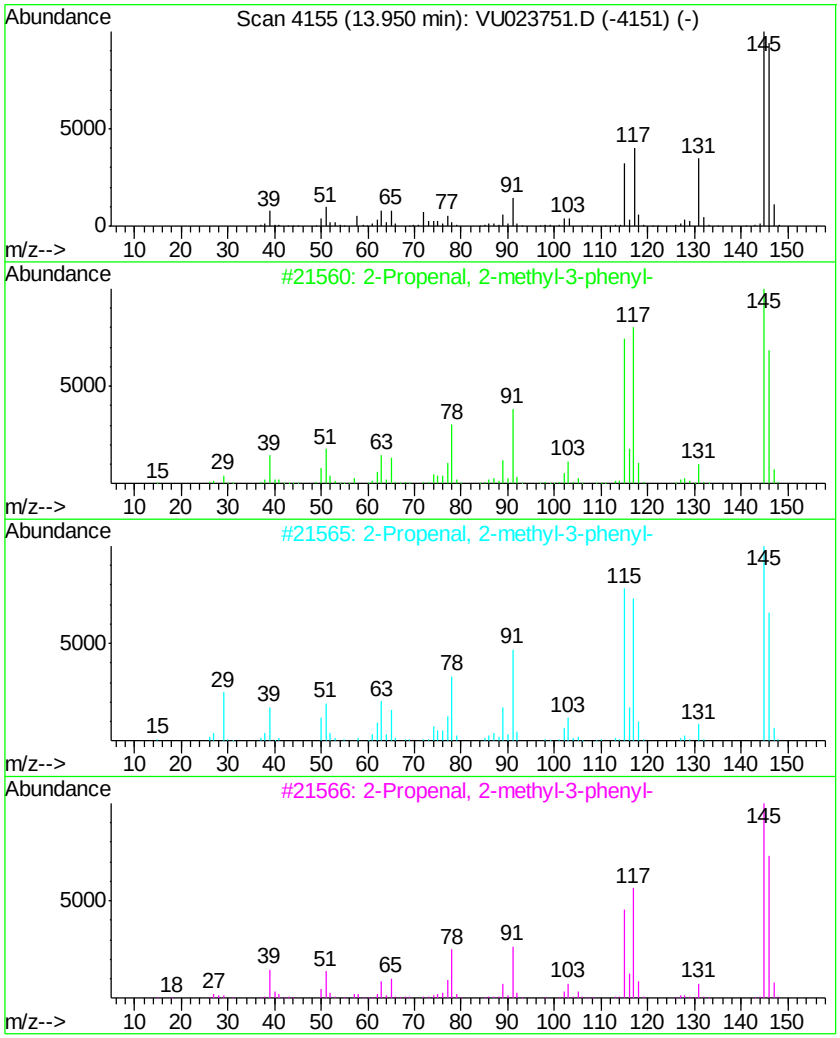
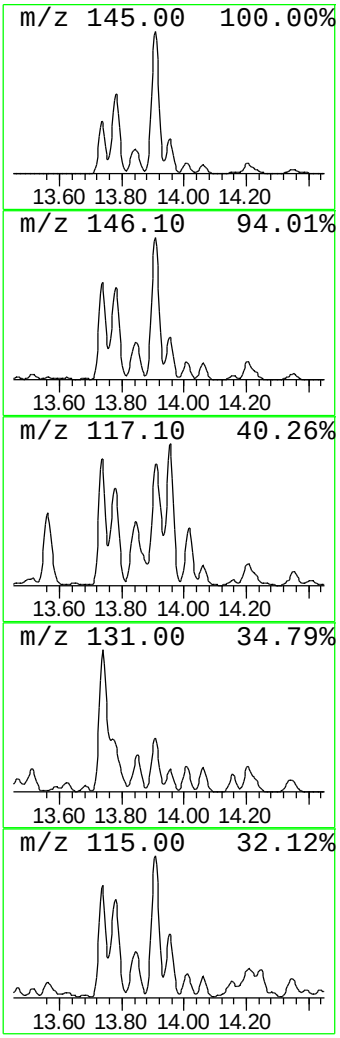
Peak Number 34 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	15.41 ug/L	443860	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	87
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	87
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	80
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	64
5	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	59





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Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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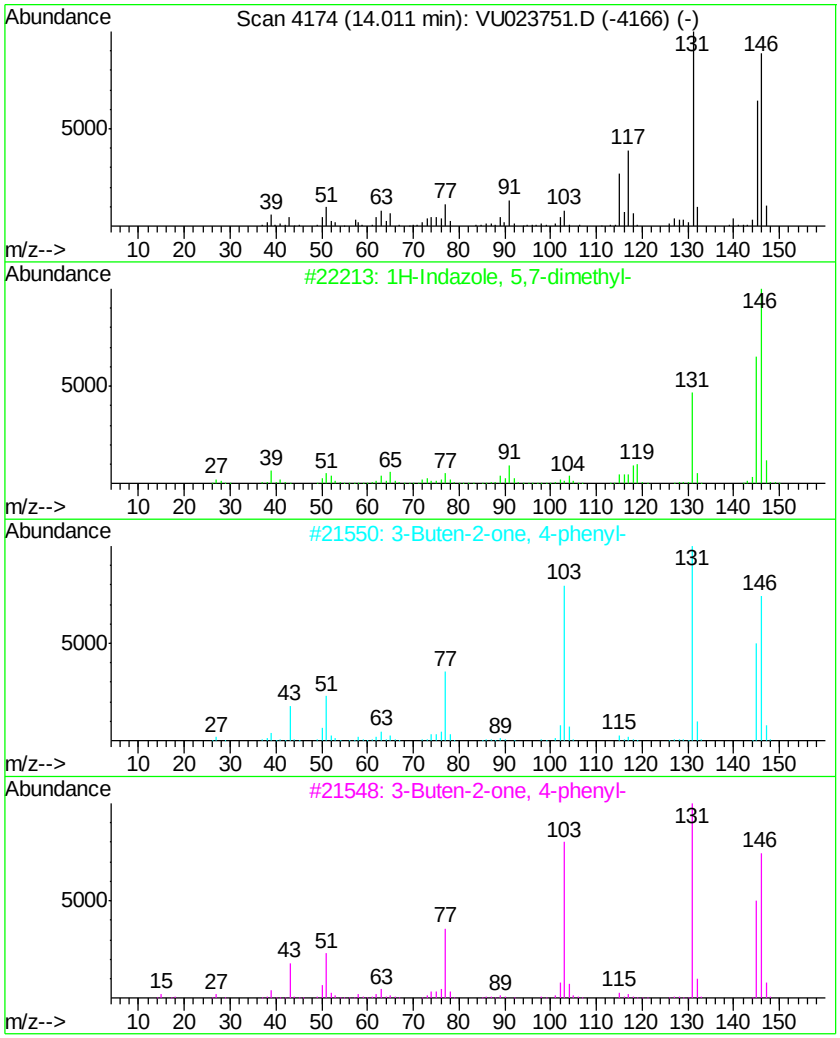
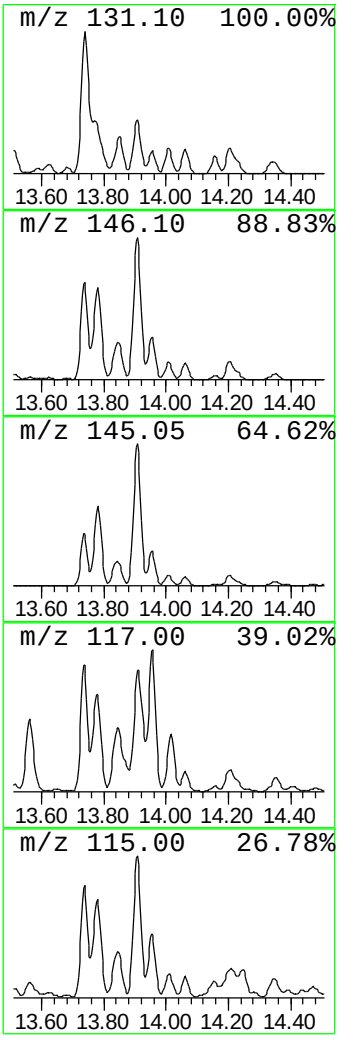
Peak Number 35 1H-Indazole, 5,7-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	6.46 ug/L	186005	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	80
2	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	72
3	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	72
4	1-Methylindan-2-one	146	C10H10O	035587-60-1	72
5	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	72





Library Search Compound Report

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Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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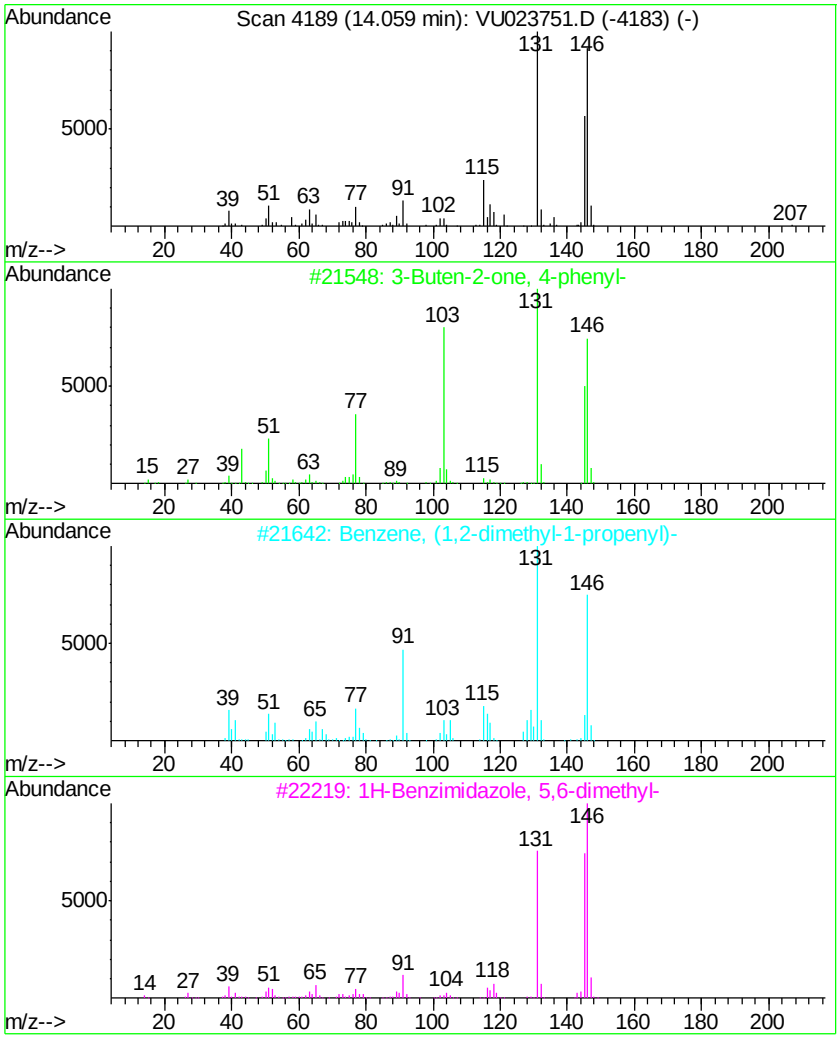
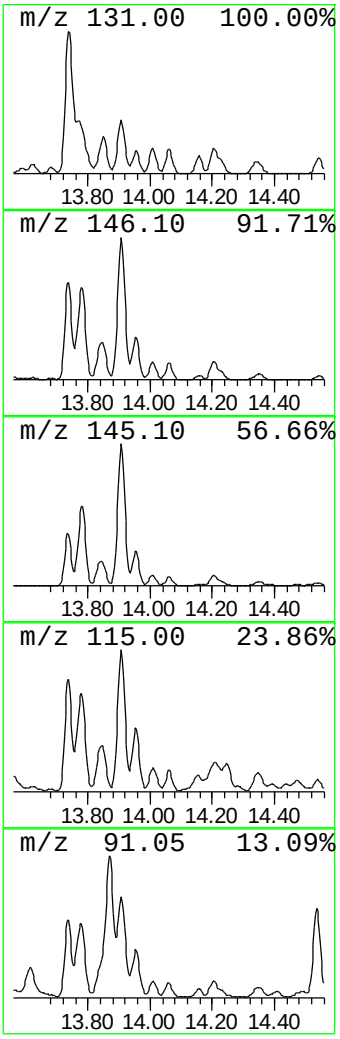
Peak Number 36 3-Buten-2-one, 4-phenyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	7.03 ug/L	202466	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	64
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	62
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	59
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	59





Library Search Compound Report

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Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

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

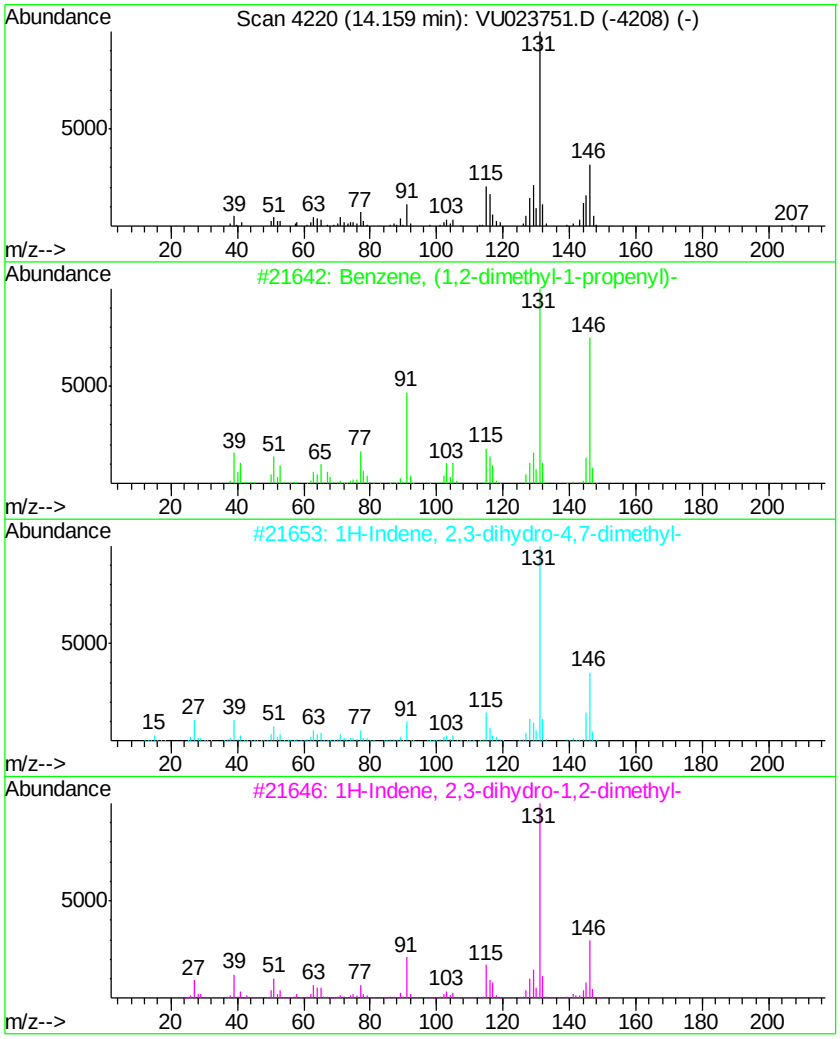
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

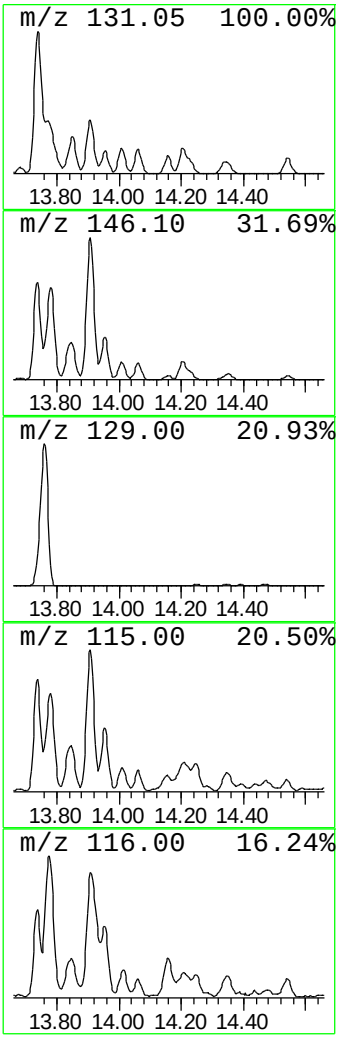
****

Peak Number 37 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	4.85 ug/L	139531	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81





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Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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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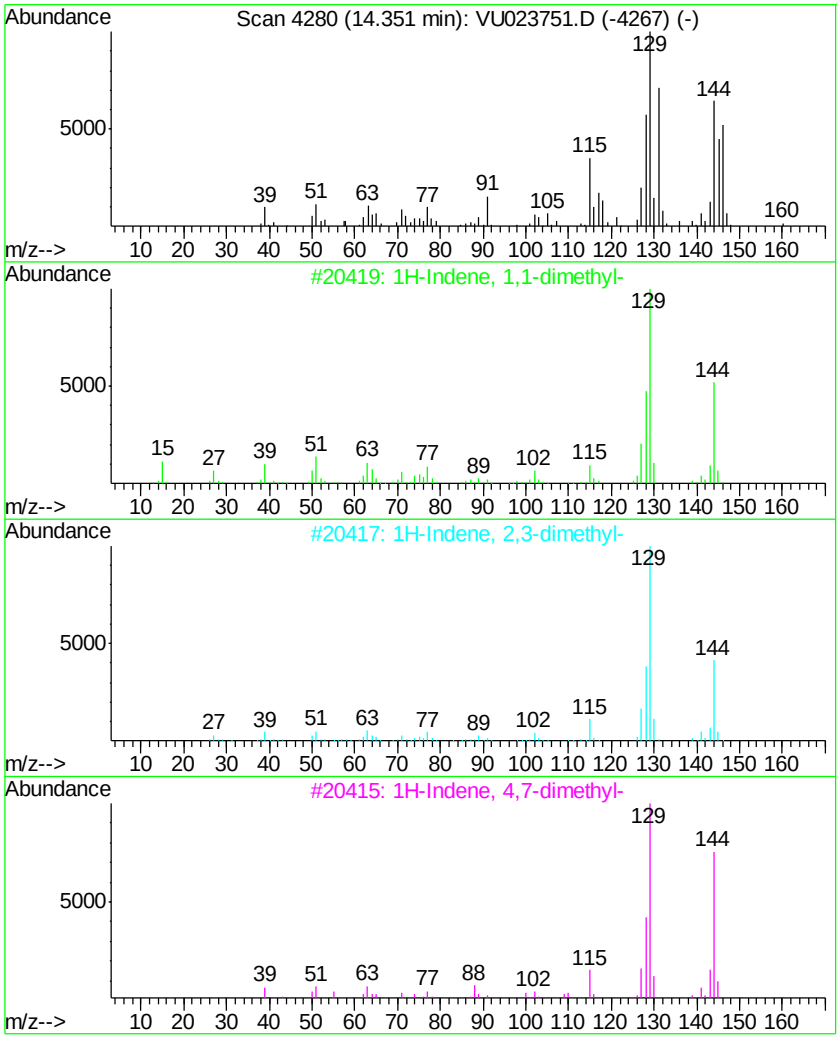
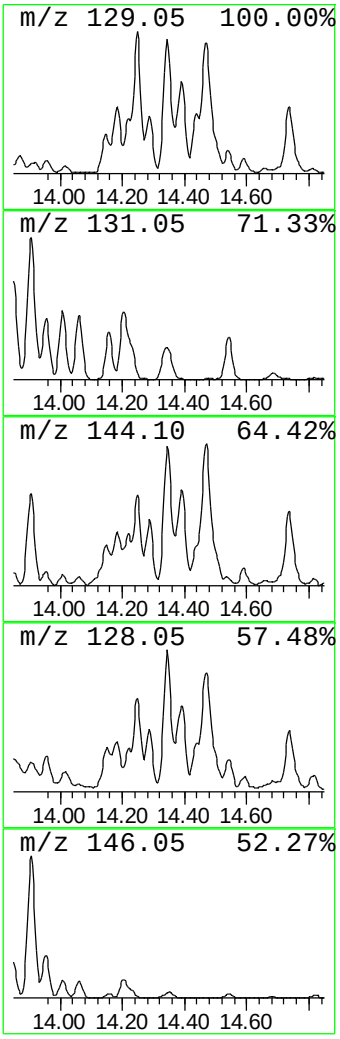
Peak Number 38 1H-Indene, 1,1-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	8.99 ug/L	258877	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	83
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	64
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	64
4	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	64
5	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	60





Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050818\
Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

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

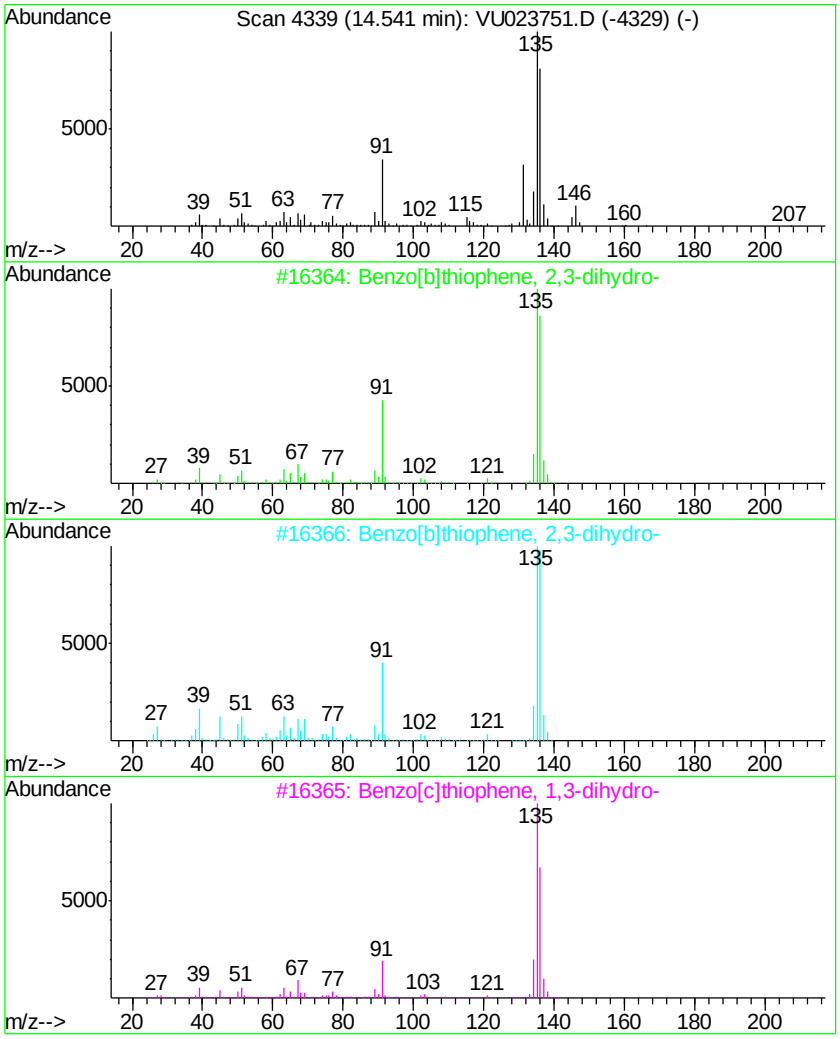
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

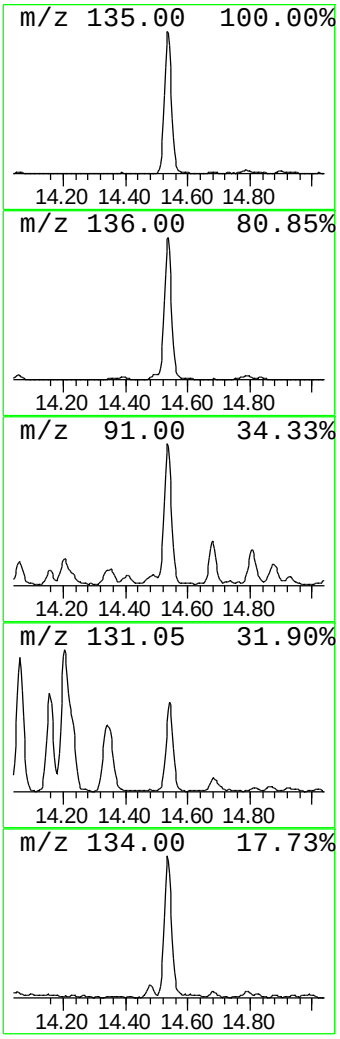
****

Peak Number 39 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	16.49 ug/L	475003	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	94
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	87
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	81
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	64
5	2,3-Dimethyl-5-ethylpyrazine	136	C8H12N2	015707-34-3	59





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050818\
Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 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	1.27	128.8	ug/L	2222100	1	5.89	862449	50.0
Thiophene, 3,4-di...	9.55	6.2	ug/L	131430	2	9.09	1059320	50.0
Benzene, propyl-	10.59	10.5	ug/L	302144	3	11.49	1439850	50.0
Benzene, 1-ethyl-...	10.69	46.4	ug/L	1336350	3	11.49	1439850	50.0
Benzene, 1,2,3-tr...	10.78	42.0	ug/L	1209690	3	11.49	1439850	50.0
Benzene, 1-ethyl-...	10.98	23.6	ug/L	680828	3	11.49	1439850	50.0
Benzene, (1-methy...	11.33	5.5	ug/L	157784	3	11.49	1439850	50.0
Benzofuran	11.40	123.0	ug/L	3542180	3	11.49	1439850	50.0
Benzene, cyclopro...	11.63	10.2	ug/L	294939	3	11.49	1439850	50.0
Indane	11.78	1106.5	ug/L	31864100	3	11.49	1439850	50.0
Indene	12.00	2241.0	ug/L	64533100	3	11.49	1439850	50.0
Benzene, 2-ethyl-...	12.15	3.4	ug/L	96785	3	11.49	1439850	50.0
Benzene, 1-ethyl-...	12.26	19.1	ug/L	550110	3	11.49	1439850	50.0
Benzene, (1-methy...	12.36	28.6	ug/L	823758	3	11.49	1439850	50.0
Benzene, 1,2,4,5-...	12.66	14.2	ug/L	409635	3	11.49	1439850	50.0
Benzofuran, 7-met...	12.70	502.4	ug/L	14467700	3	11.49	1439850	50.0
Benzofuran, 2-met...	12.78	47.3	ug/L	1362670	3	11.49	1439850	50.0
1H-Indene, 2,3-di...	12.97	43.8	ug/L	1259890	3	11.49	1439850	50.0
2-Methylindene	13.19	136.0	ug/L	3915450	3	11.49	1439850	50.0
Benzene, (1-methy...	13.30	184.6	ug/L	5316640	3	11.49	1439850	50.0
1,4-Dihydronaphth...	13.39	4.0	ug/L	114402	3	11.49	1439850	50.0
Phenol, 2,4-dimet...	13.62	9.8	ug/L	281850	3	11.49	1439850	50.0
4-Phenylbut-3-ene...	13.76	2634.1	ug/L	75853300	3	11.49	1439850	50.0
Benzo[c]thiophene	13.87	696.0	ug/L	20041800	3	11.49	1439850	50.0
2-Propenal, 2-met...	13.95	15.4	ug/L	443860	3	11.49	1439850	50.0
1H-Indazole, 5,7-...	14.01	6.5	ug/L	186005	3	11.49	1439850	50.0
3-Buten-2-one, 4-...	14.06	7.0	ug/L	202466	3	11.49	1439850	50.0
Benzene, (1,2-dim...	14.16	4.8	ug/L	139531	3	11.49	1439850	50.0
1H-Indene, 1,1-di...	14.35	9.0	ug/L	258877	3	11.49	1439850	50.0
Benzo[b]thiophene...	14.54	16.5	ug/L	475003	3	11.49	1439850	50.0