LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
Data File : VU026315.D
Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.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	0.638	13	15	17	rVB	394	176	0.00%	0.001%
2	0.658	17	21	26	rBV	409	378	0.01%	0.002%
3	0.802	63	66	69	rBV2	264	198	0.00%	0.001%
4	0.873	85	88	90	rBV2	373	263	0.01%	0.001%
5	0.902	95	97	100	rBV	303	170	0.00%	0.001%
6	1.037	133	139	140	rBV	451	338	0.01%	0.001%
7	1.088	146	155	170	rBV	966897	1033040	25.55%	4.543%
8	1.397	245	251	261	rBV	129317	137343	3.40%	0.604%
9	1.680	333	339	356	rVB	101257	129680	3.21%	0.570%
10	2.272	513	523	535	rBV	221084	337033	8.34%	1.482%
11	2.439	570	575	593	rVB2	8538	16125	0.40%	0.071%
12	3.079	772	774	777	rBV3	374	180	0.00%	0.001%
13	3.185	804	807	814	rVB3	623	676	0.02%	0.003%
14	3.220	815	818	821	rBV3	373	254	0.01%	0.001%
15	3.291	837	840	842	rBV	317	202	0.00%	0.001%
16	3.346	853	857	861	rBV	477	469	0.01%	0.002%
17	3.583	926	931	935	rVB2	298	278	0.01%	0.001%
18	3.606	935	938	940	rBV2	353	220	0.01%	0.001%
19	3.786	990	994	996	rBV	304	235	0.01%	0.001%
20	3.844	1007	1012	1015	rBV2	347	347	0.01%	0.002%
21	3.905	1021	1031	1032	rBV	481	538	0.01%	0.002%
22	3.937	1037	1041	1044	rBV2	285	267	0.01%	0.001%
23	3.956	1044	1047	1051	rBV	354	294	0.01%	0.001%
24	4.104	1089	1093	1098	rBV3	968	1010	0.02%	0.004%
25	4.178	1102	1116	1149	rBV3	95765	277377	6.86%	1.220%
26	4.461	1199	1204	1206	rBV3	412	382	0.01%	0.002%
27	4.558	1231	1234	1237	rVB2	268	201	0.00%	0.001%
28	4.577	1237	1240	1243	rBV2	234	190	0.00%	0.001%
29	4.651	1243	1263	1289	rVV	188345	439399	10.87%	1.932%
30	4.876	1330	1333	1343	rVB3	909	1391	0.03%	0.006%
31	4.918	1343	1346	1349	rBV2	317	211	0.01%	0.001%
32	4.979	1357	1365	1366	rBV3	1073	1112	0.03%	0.005%
33	5.210	1433	1437	1439	rBV	280	221	0.01%	0.001%
34	5.342	1453	1478	1509	rBV2	361876	1122632	27.77%	4.937%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
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Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Title : VOC Analysis

35	5.526	1533	1535	1538	rVV2	477	274	0.01%	0.001%
36	5.590	1551	1555	1558	rBV	412	328	0.01%	0.001%
37	5.609	1558	1561	1565	rVV3	496	361	0.01%	0.002%
38	5.818	1620	1626	1629	rBV3	360	417	0.01%	0.002%
39	5.889	1634	1648	1670	rBV	344320	669576	16.56%	2.944%
40	6.082	1704	1708	1709	rBV	291	225	0.01%	0.001%
41	6.108	1713	1716	1723	rBV3	510	592	0.01%	0.003%
42	6.226	1751	1753	1758	rBV	252	207	0.01%	0.001%
43	6.333	1772	1786	1805	rVV	248832	492222	12.17%	2.164%
44	6.596	1865	1868	1874	rVB3	385	423	0.01%	0.002%
45	6.648	1880	1884	1887	rBV2	399	401	0.01%	0.002%
46	6.738	1909	1912	1917	rBV	256	263	0.01%	0.001%
47	6.815	1931	1936	1937	rBV2	466	388	0.01%	0.002%
48	6.857	1944	1949	1954	rBV5	1241	1771	0.04%	0.008%
49	6.995	1988	1992	1993	rBV2	244	183	0.00%	0.001%
50	7.024	1998	2001	2003	rBV	370	214	0.01%	0.001%
51	7.075	2014	2017	2021	rBV2	374	260	0.01%	0.001%
52	7.230	2053	2065	2085	rBV	134199	238760	5.91%	1.050%
53	7.397	2115	2117	2120	rVB3	649	303	0.01%	0.001%
54	7.452	2132	2134	2138	rBV2	369	234	0.01%	0.001%
55	7.567	2156	2170	2185	rBV	497434	846950	20.95%	3.724%
56	7.731	2218	2221	2223	rBV2	583	384	0.01%	0.002%
57	7.812	2244	2246	2247	rBV	385	180	0.00%	0.001%
58	7.850	2247	2258	2277	rVV	99777	170015	4.21%	0.748%
59	8.130	2343	2345	2347	rBV2	313	179	0.00%	0.001%
60	8.185	2349	2362	2382	rBV2	54786	146861	3.63%	0.646%
61	8.313	2393	2402	2434	rVB	290796	497384	12.30%	2.187%
62	8.638	2500	2503	2506	rBV2	325	209	0.01%	0.001%
63	8.654	2506	2508	2511	rBV	395	182	0.00%	0.001%
64	8.722	2527	2529	2533	rBV2	289	226	0.01%	0.001%
65	9.091	2630	2644	2664	rBV	519538	844365	20.88%	3.713%
66	9.252	2682	2694	2709	rBV	387475	606354	15.00%	2.666%
67	9.377	2725	2733	2745	rVB	21483	36032	0.89%	0.158%
68	9.731	2838	2843	2845	rBV3	1270	1271	0.03%	0.006%
69	9.783	2848	2859	2875	rVB	144589	233885	5.78%	1.028%
70	9.943	2907	2909	2911	rBV2	601	313	0.01%	0.001%
71	10.168	2967	2979	2993	rBV	172466	269118	6.66%	1.183%

LSC Area Percent Report

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Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Title : VOC Analysis

72	10.323	3023	3027	3028	rBV	403	258	0.01%	0.001%
73	10.358	3033	3038	3040	rBV2	474	441	0.01%	0.002%
74	10.432	3049	3061	3080	rBV	349208	558390	13.81%	2.455%
75	10.516	3080	3087	3097	rVB6	2783	4170	0.10%	0.018%
76	10.590	3100	3110	3131	rBV2	49689	103800	2.57%	0.456%
77	10.709	3141	3147	3155	rVB2	11566	16058	0.40%	0.071%
78	10.773	3158	3167	3179	rVB2	40456	61987	1.53%	0.273%
79	10.972	3218	3229	3247	rVB	128025	214461	5.30%	0.943%
80	11.149	3271	3284	3298	rVB	324060	490963	12.14%	2.159%
81	11.484	3377	3388	3404	rBV	607410	939108	23.23%	4.130%
82	11.574	3405	3416	3427	rBV	171387	262125	6.48%	1.153%
83	11.766	3462	3476	3493	rBV	2617074	4042985	100.00%	17.778%
84	11.860	3494	3505	3522	rVB	615680	987770	24.43%	4.344%
85	11.982	3534	3543	3556	rVB	98699	154588	3.82%	0.680%
86	12.149	3586	3595	3602	rBV2	18002	30947	0.77%	0.136%
87	12.252	3619	3627	3645	rVB	33721	54373	1.34%	0.239%
88	12.358	3651	3660	3675	rVB2	40541	67774	1.68%	0.298%
89	12.477	3690	3697	3698	rBV3	4881	4393	0.11%	0.019%
90	12.596	3724	3734	3744	rBV	439723	642510	15.89%	2.825%
91	12.699	3756	3766	3776	rBV	779613	1414857	35.00%	6.222%
92	12.966	3840	3849	3862	rVB	61896	95172	2.35%	0.419%
93	13.123	3888	3898	3907	rBV3	50855	80714	2.00%	0.355%
94	13.188	3908	3918	3934	rVB	189000	291315	7.21%	1.281%
95	13.294	3939	3951	3965	rBV	376890	600346	14.85%	2.640%
96	13.744	4076	4091	4112	rBV	1172289	2026939	50.13%	8.913%
97	13.863	4121	4128	4137	rVB	404421	586287	14.50%	2.578%
98	14.342	4269	4277	4289	rBV5	15084	28772	0.71%	0.127%
99	14.821	4418	4426	4437	rBV2	33649	52484	1.30%	0.231%
100	15.065	4491	4502	4521	rVB2	215709	362764	8.97%	1.595%

Sum of corrected areas: 22740891

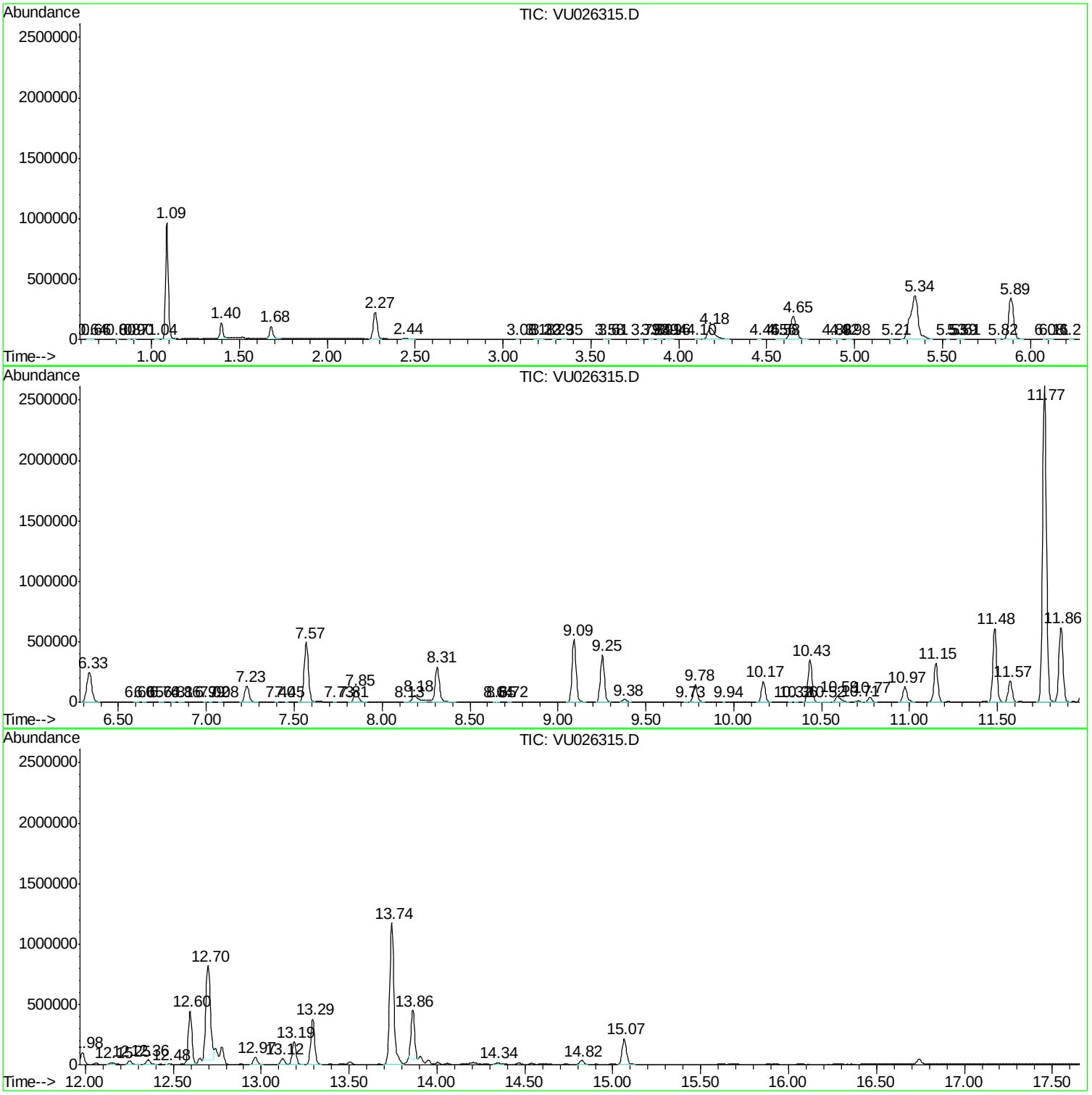
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
Data File : VU026315.D
Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082318\
Data File : VU026315.D
Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

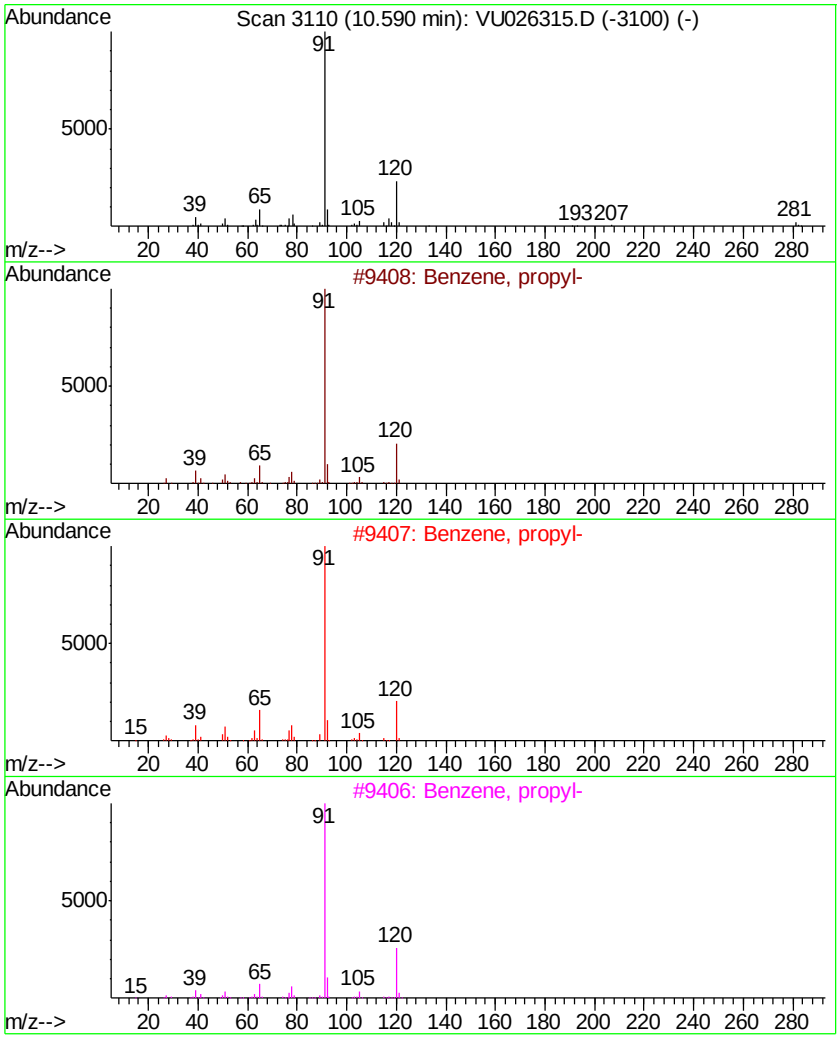
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

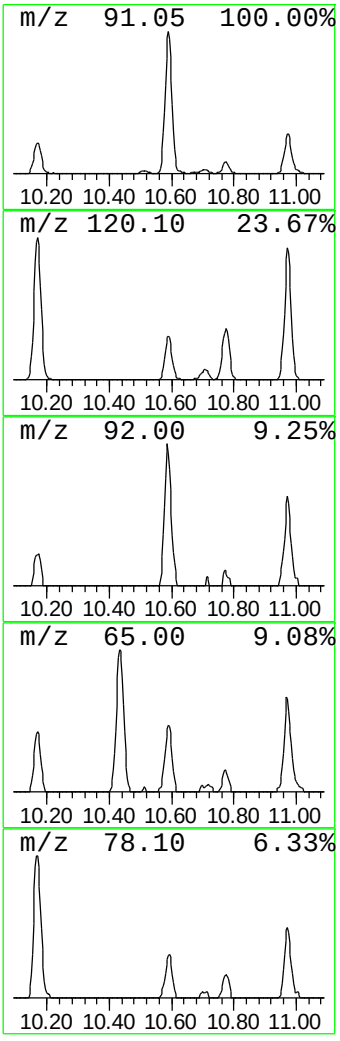
****

Peak Number 4 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	5.53 ug/L	103800	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	81
4	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72
5	N,N-Dibenzylethylenediamine diac...	324	C20H24N2O2	000122-75-8	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082318\
Data File : VU026315.D
Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

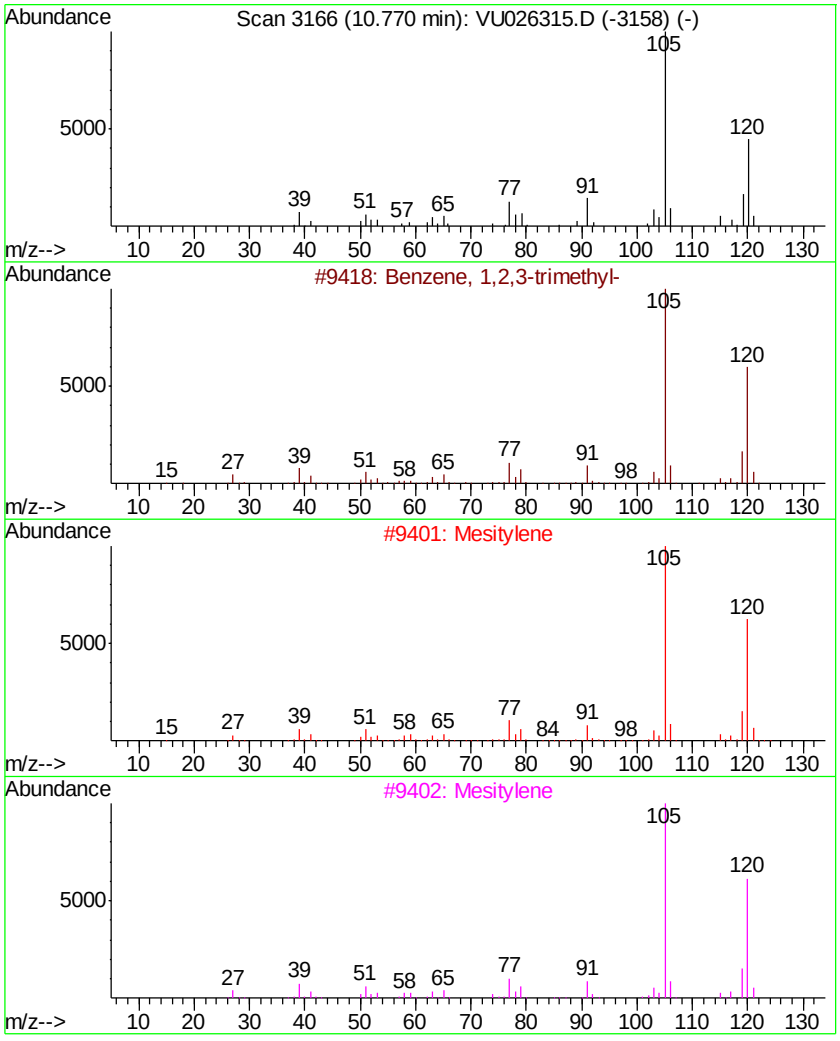
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

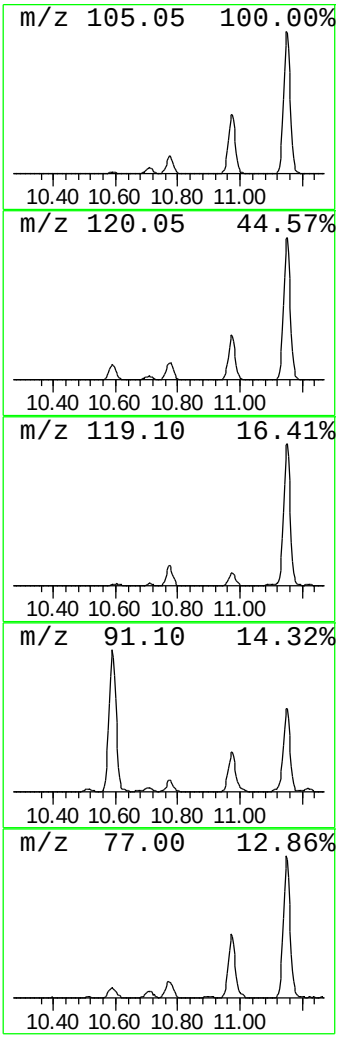
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.30 ug/L	61987	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082318\
Data File : VU026315.D
Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
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ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

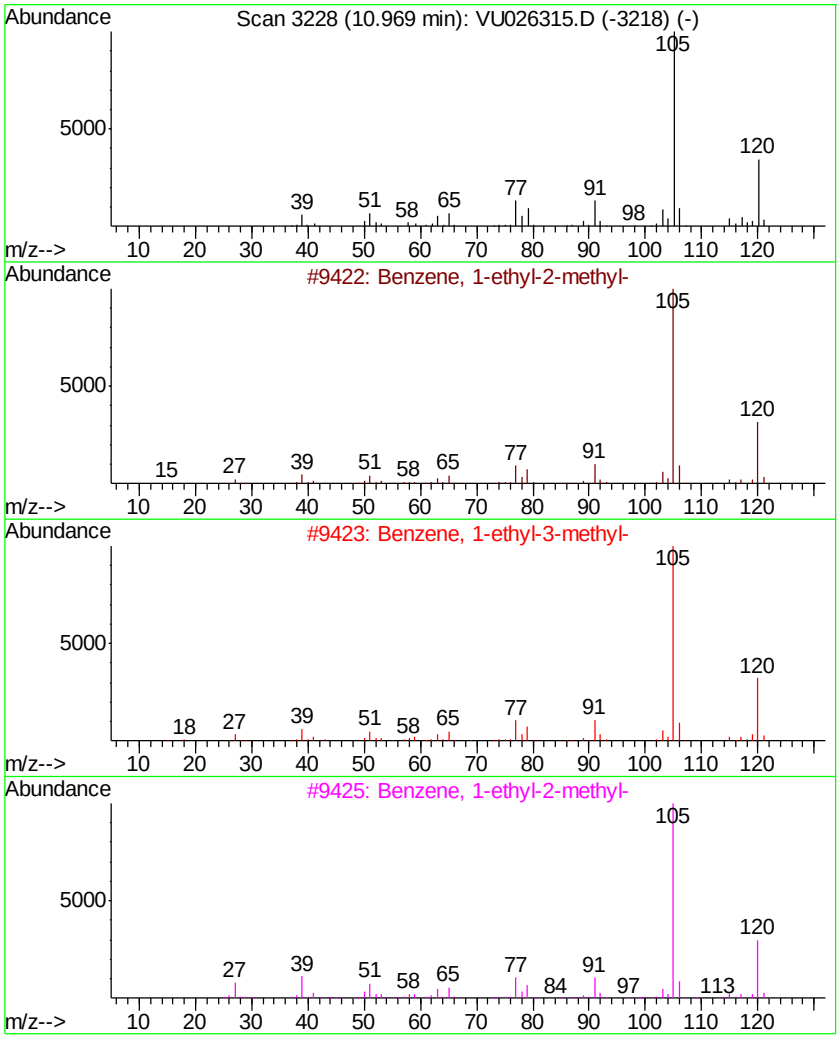
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

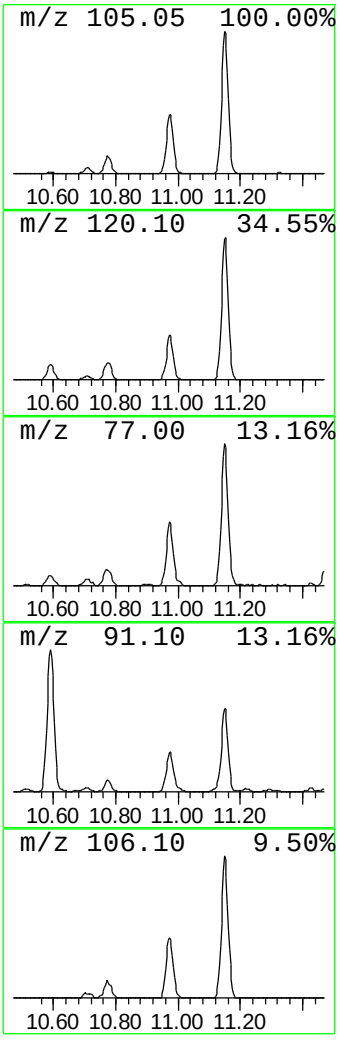
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	11.42 ug/L	214461	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	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Data File : VU026315.D
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Operator : MD/SY
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

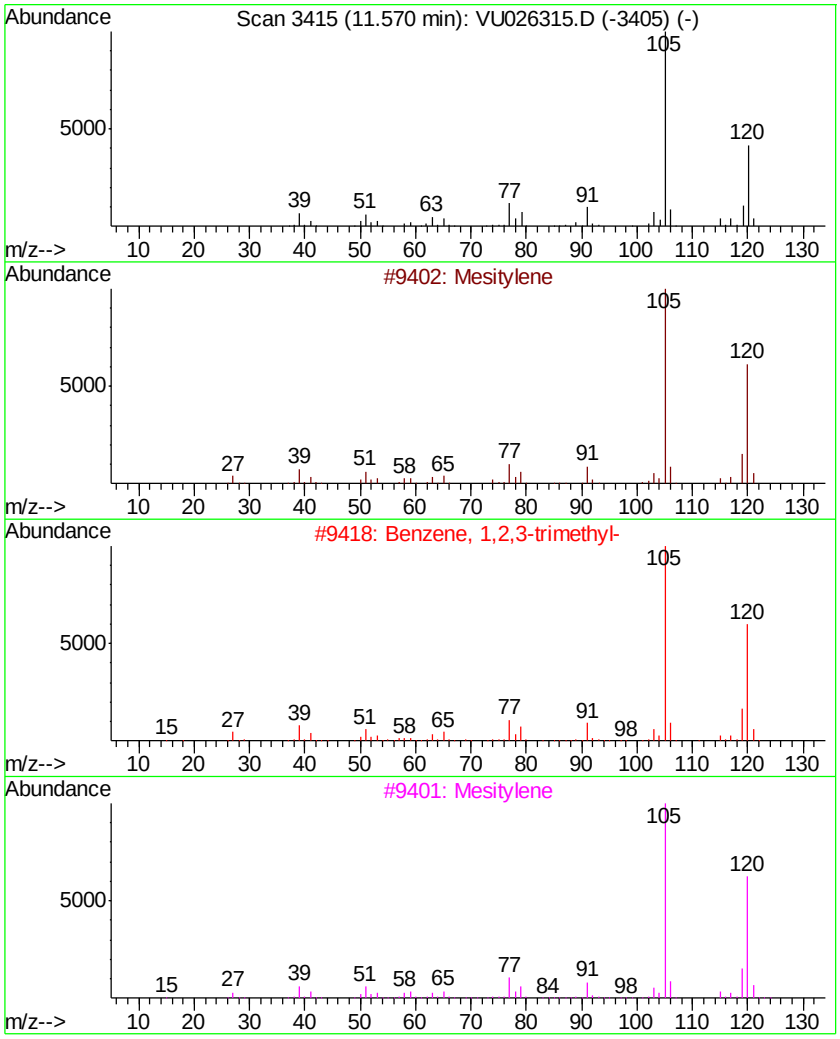
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

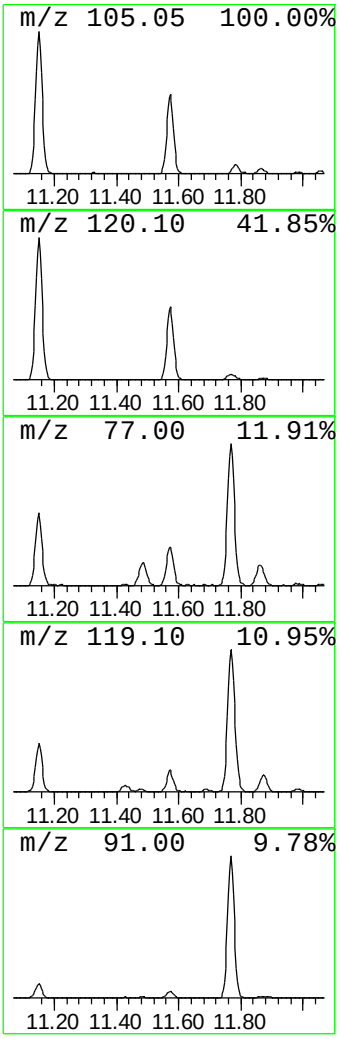
****

Peak Number 8 Mesitylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	13.96 ug/L	262125	1,4-Dichlorobenzene-d4	11.49

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082318\
Data File : VU026315.D
Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

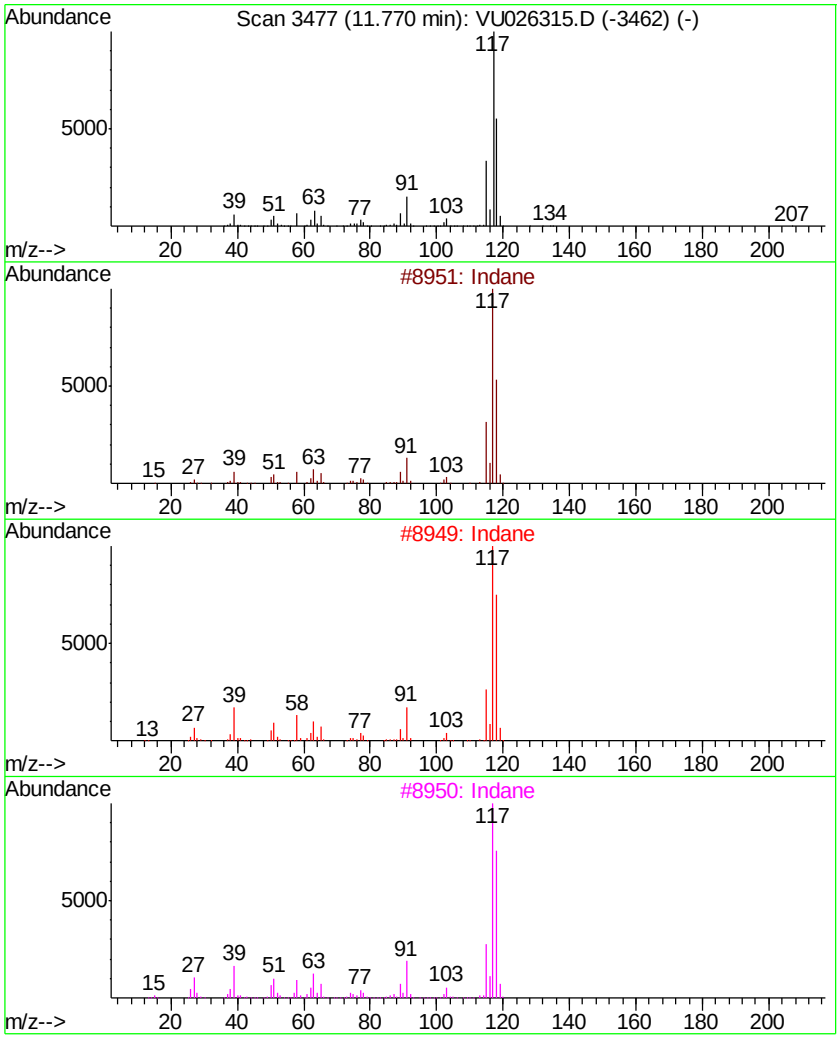
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

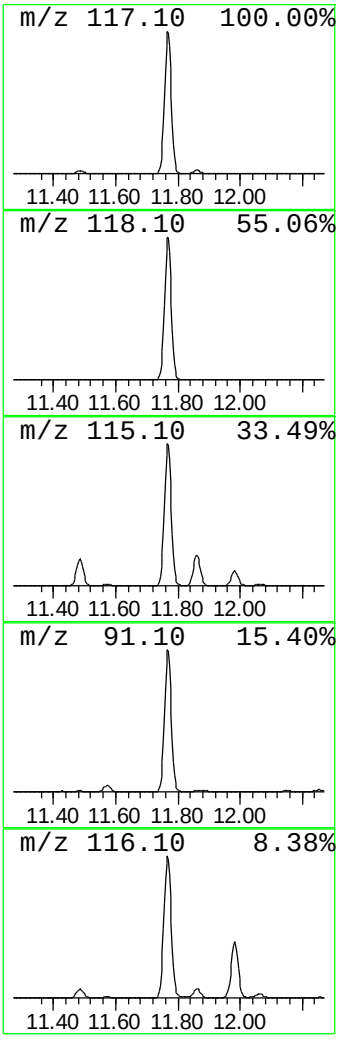
****

Peak Number 9 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	215.26 ug/L	4042990	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	90
4	Indane	118	C9H10	000496-11-7	83
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082318\
Data File : VU026315.D
Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

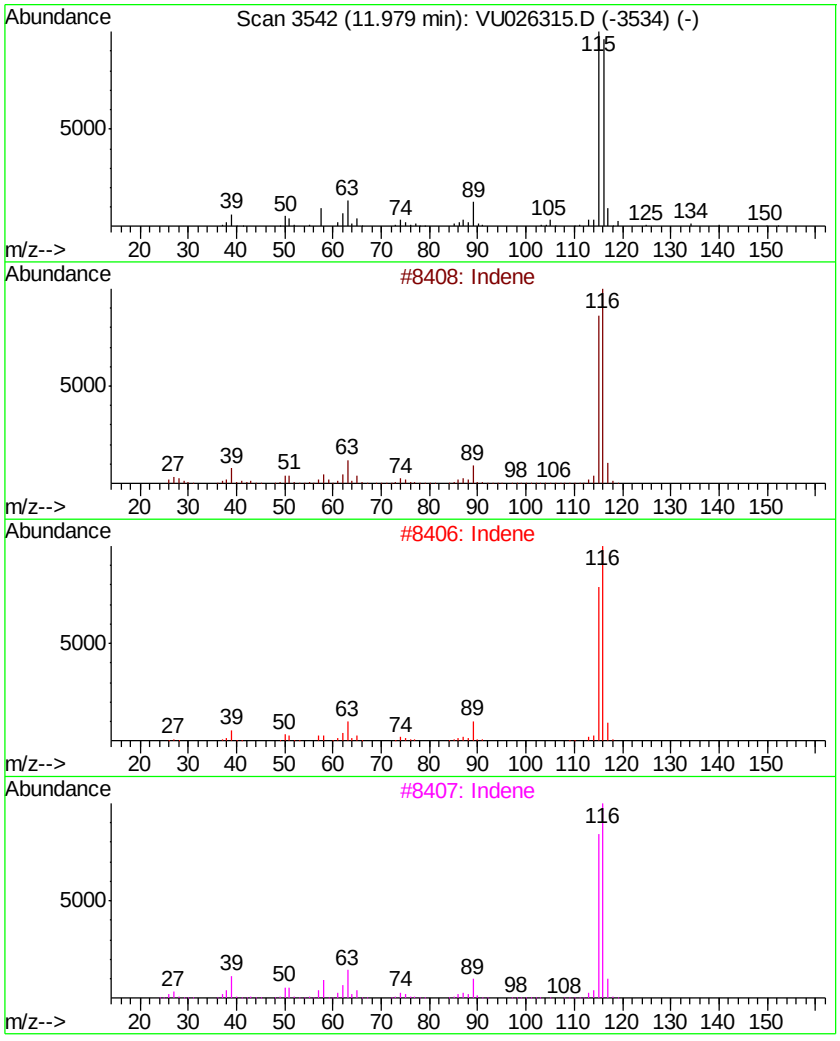
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

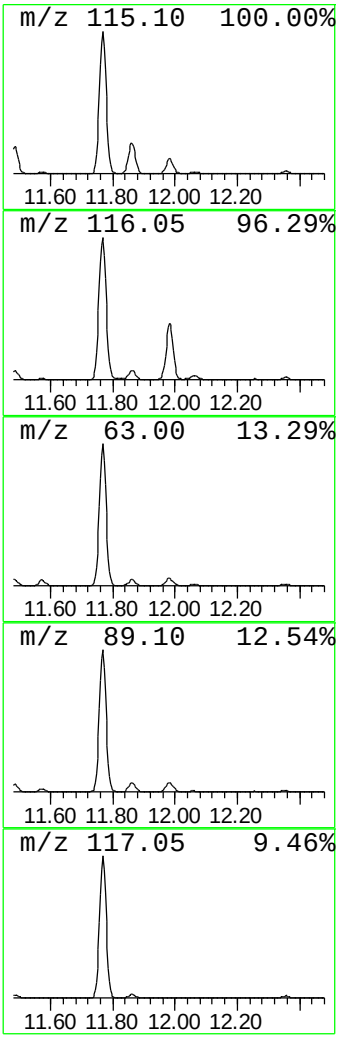
****

Peak Number 10 Indene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	8.23 ug/L	154588	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	97
3	Indene	116	C9H8	000095-13-6	95
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082318\
Data File : VU026315.D
Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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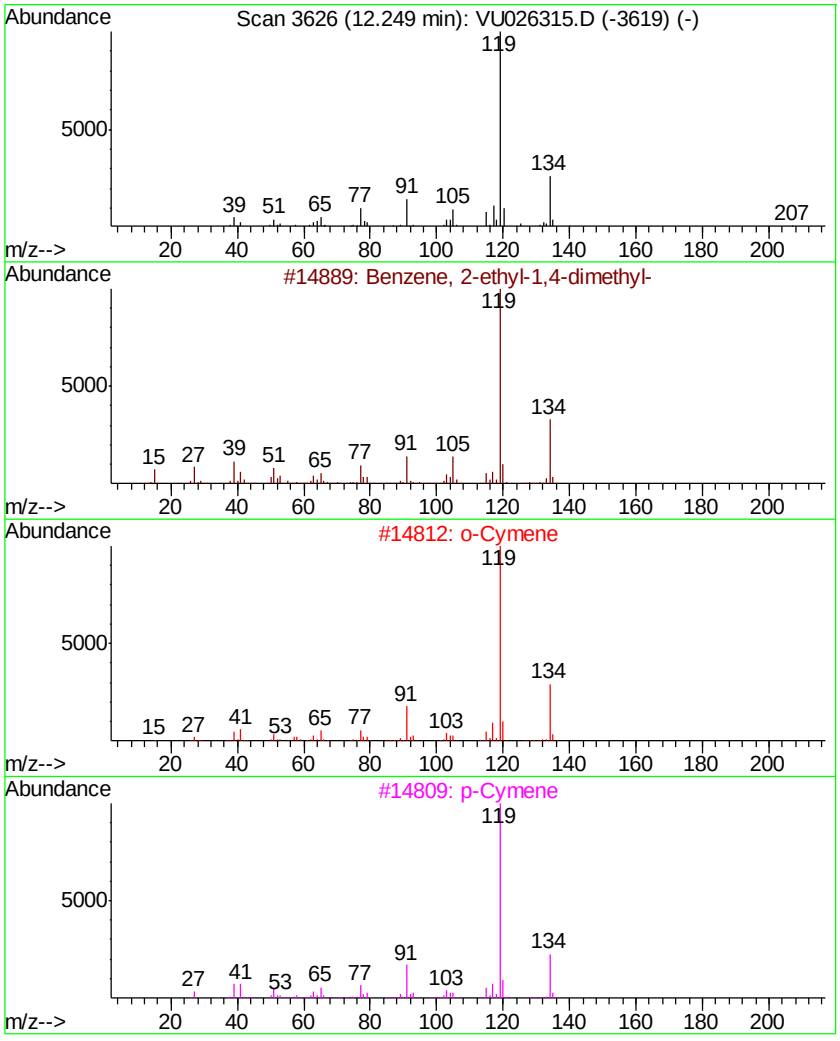
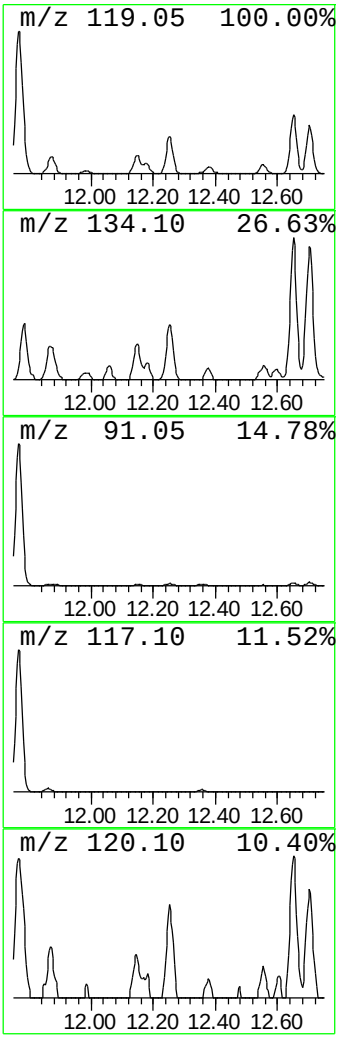
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	2.89 ug/L	54373	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	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	p-Cymene	134	C10H14	000099-87-6	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	o-Cymene	134	C10H14	000527-84-4	93





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Data File : VU026315.D
Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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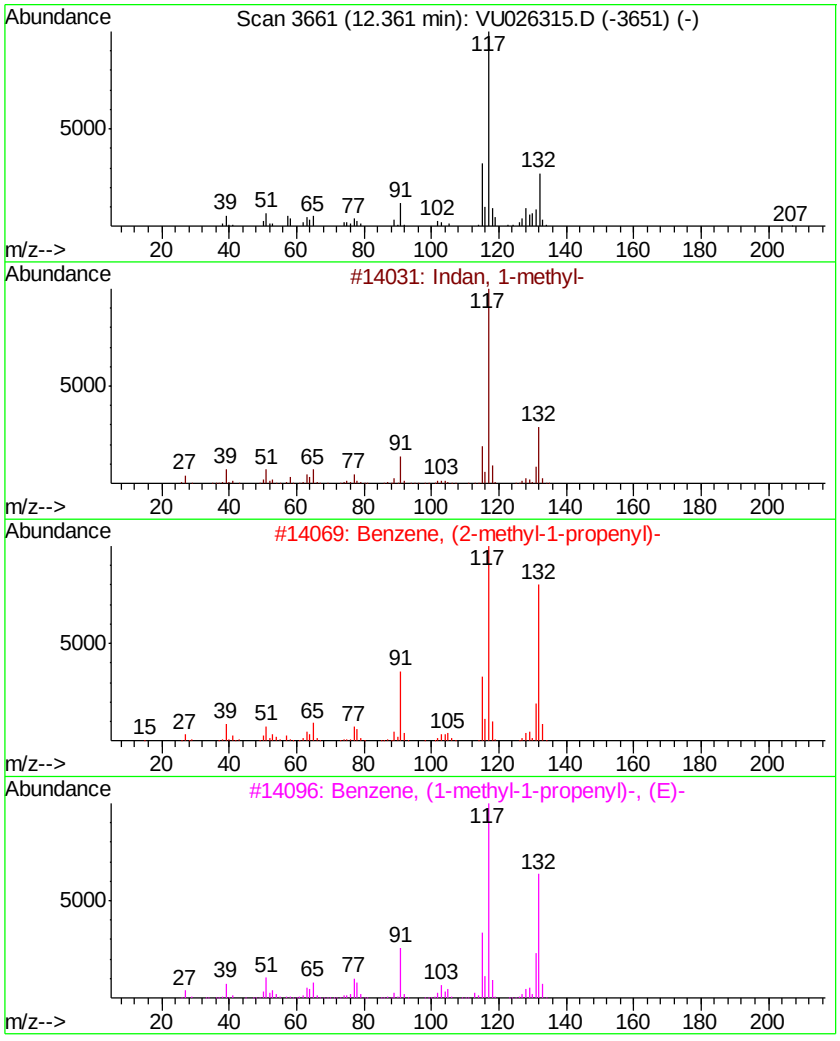
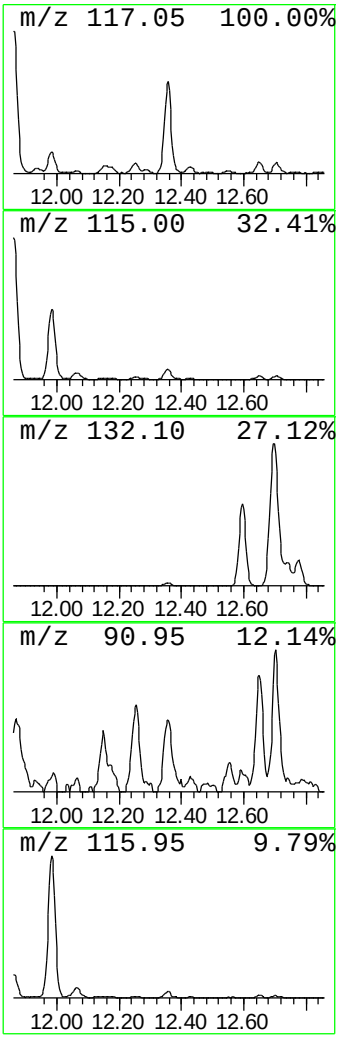
Peak Number 12 Indan, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	3.61 ug/L	67774	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
3	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	86
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





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Data File : VU026315.D
Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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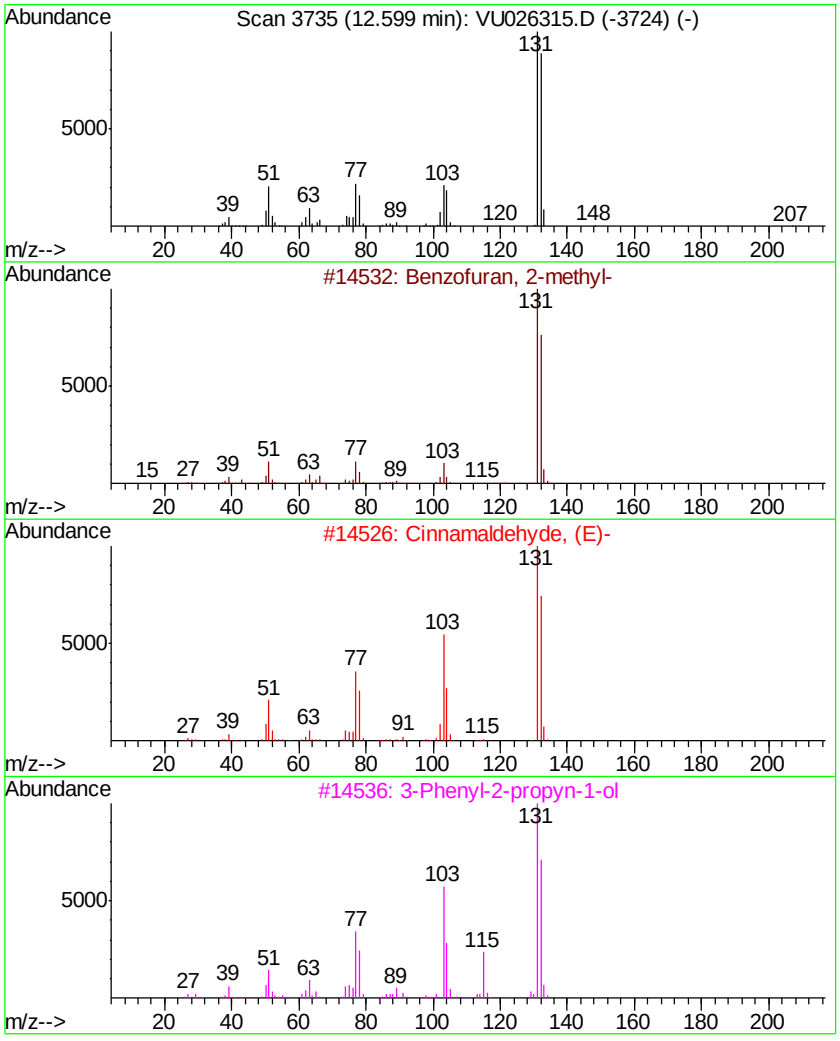
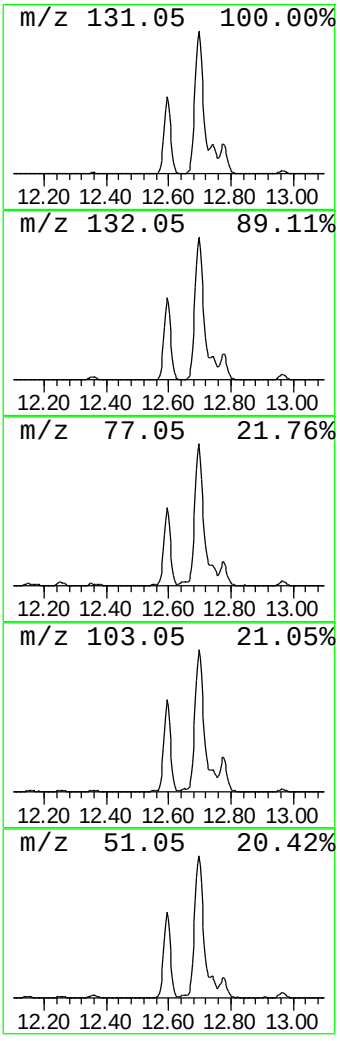
Peak Number 13 Benzofuran, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	34.21 ug/L	642510	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	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082318\
Data File : VU026315.D
Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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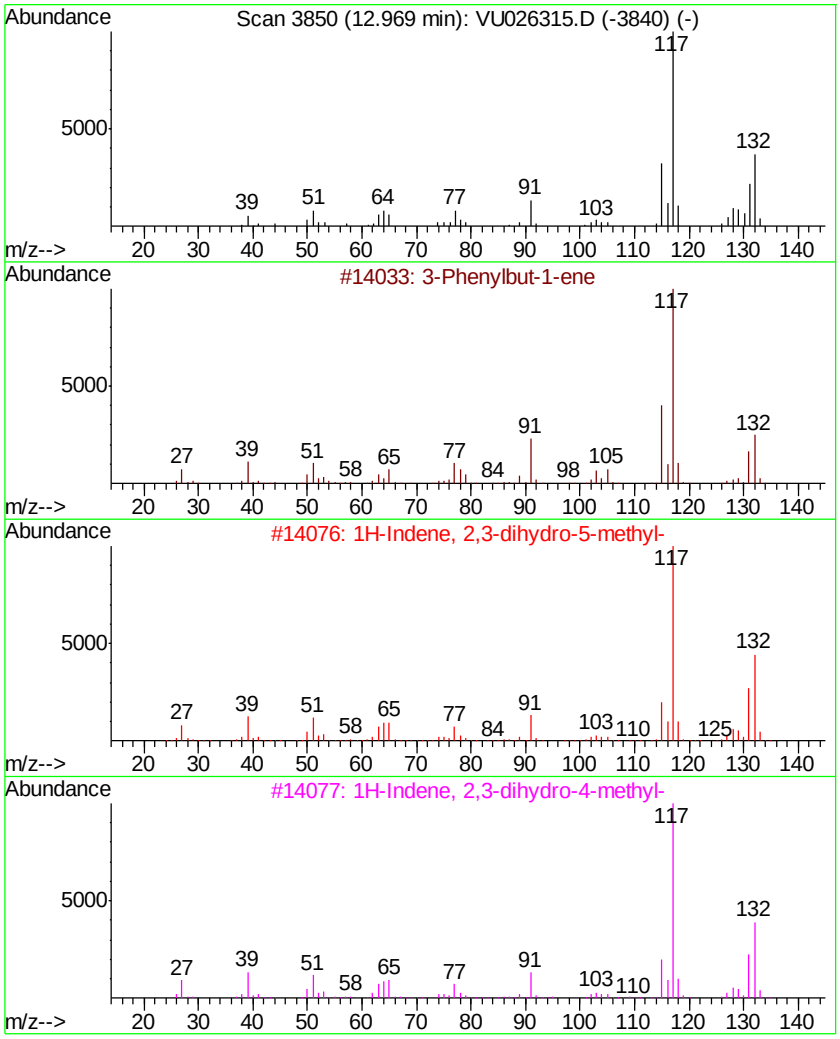
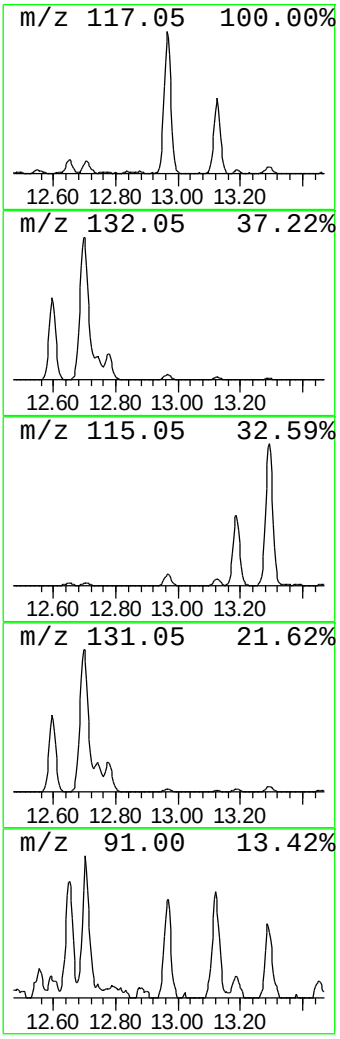
Peak Number 15 3-Phenylbut-1-ene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	5.07 ug/L	95172	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
Data File : VU026315.D
Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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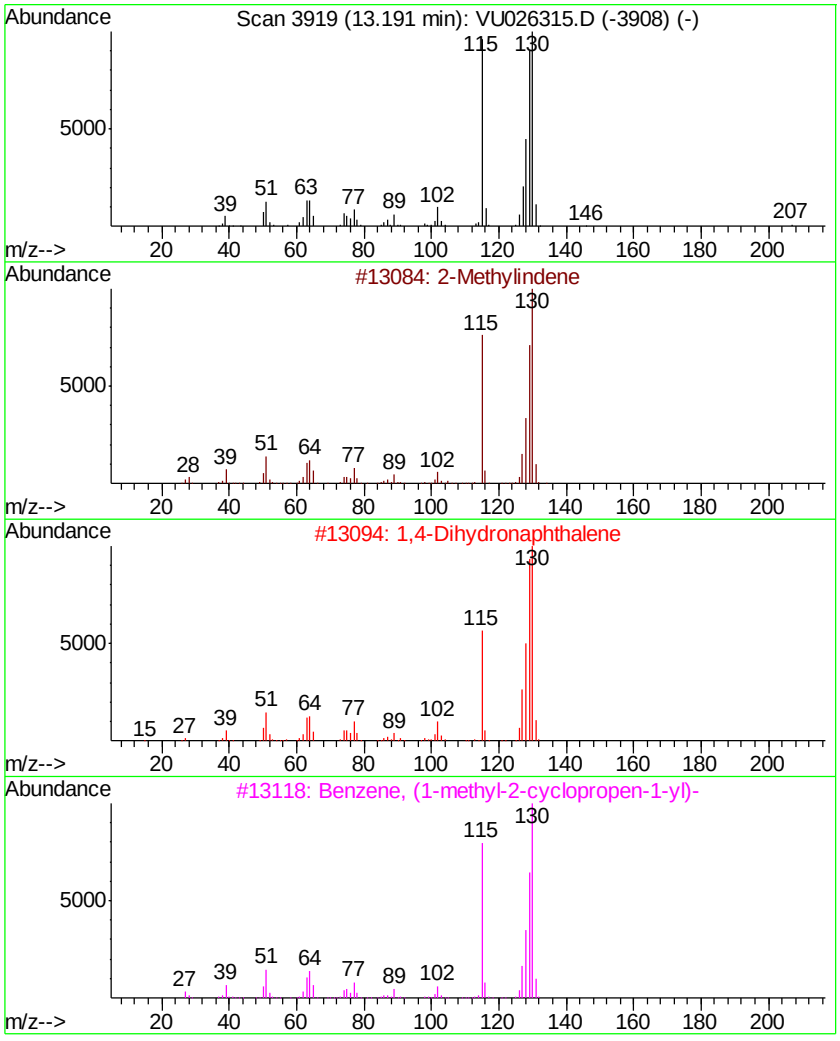
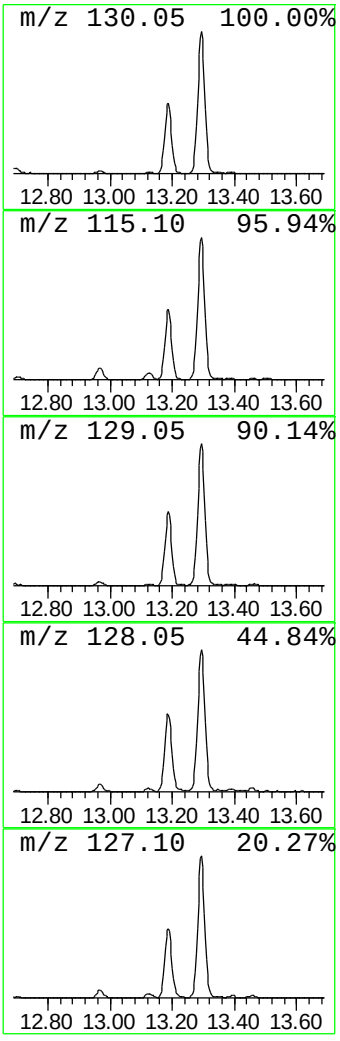
Peak Number 17 2-Methylindene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	15.51 ug/L	291315	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	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082318\
Data File : VU026315.D
Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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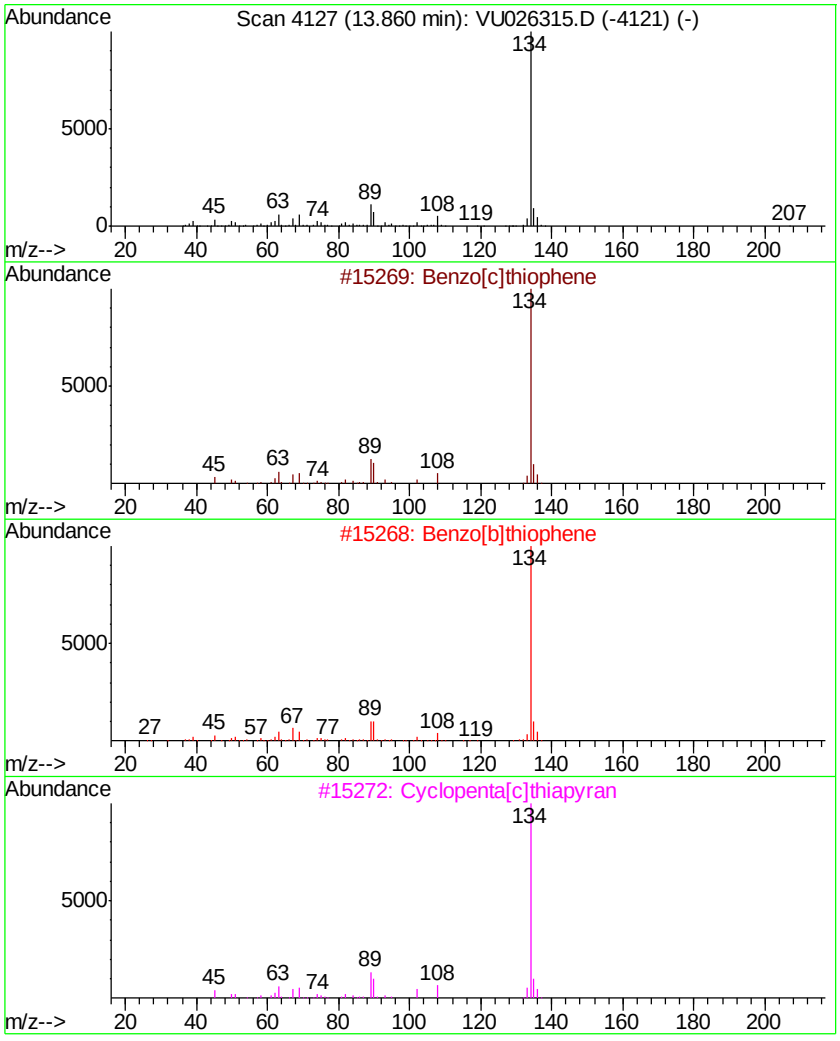
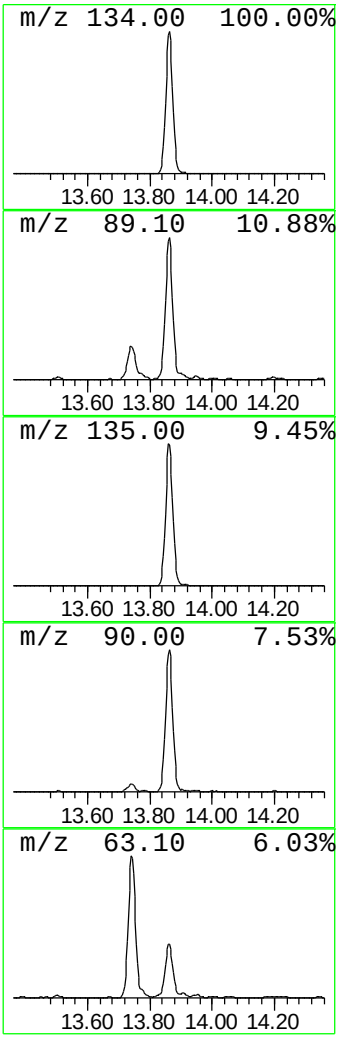
Peak Number 20 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	31.22 ug/L	586287	1,4-Dichlorobenzene-d4	11.49

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
Data File : VU026315.D
Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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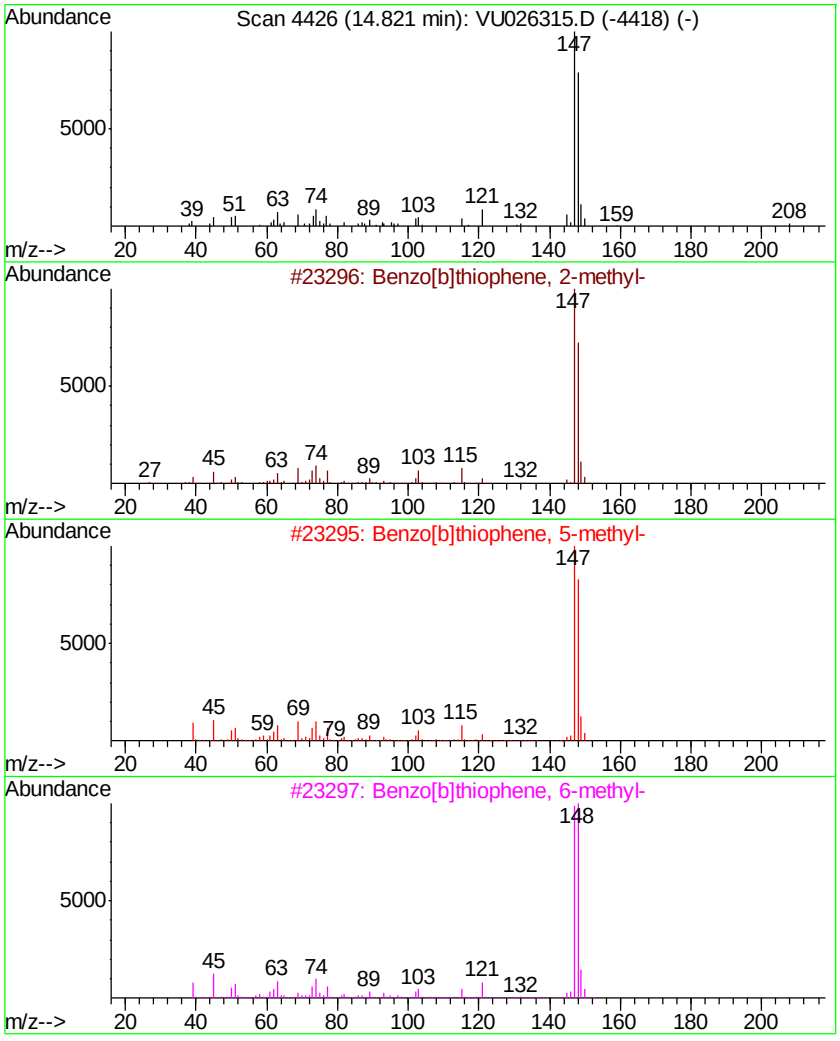
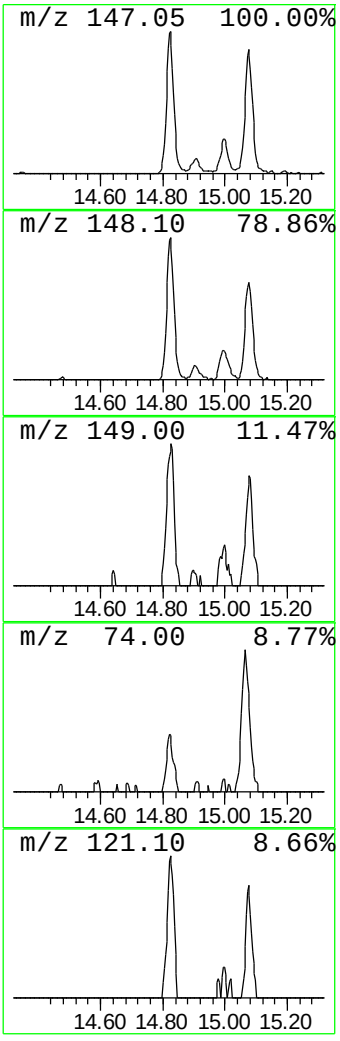
Peak Number 21 Benzo[b]thiophene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.79 ug/L	52484	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	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
3	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90





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Data File : VU026315.D
Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

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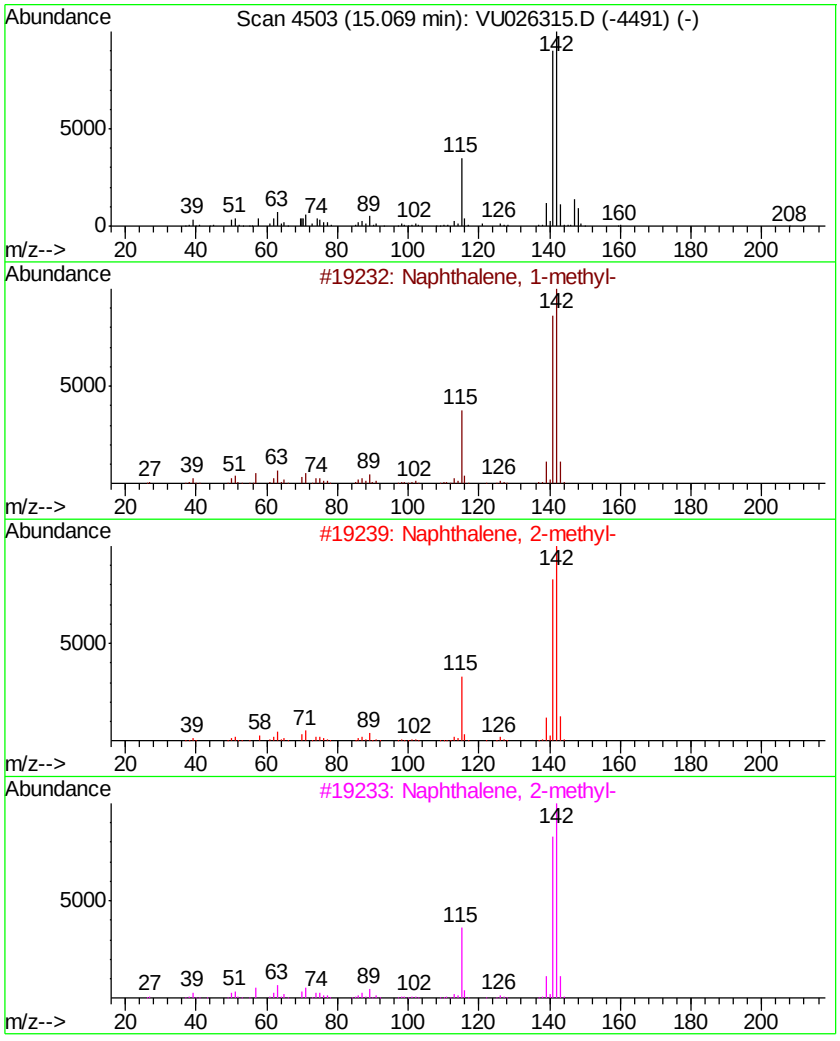
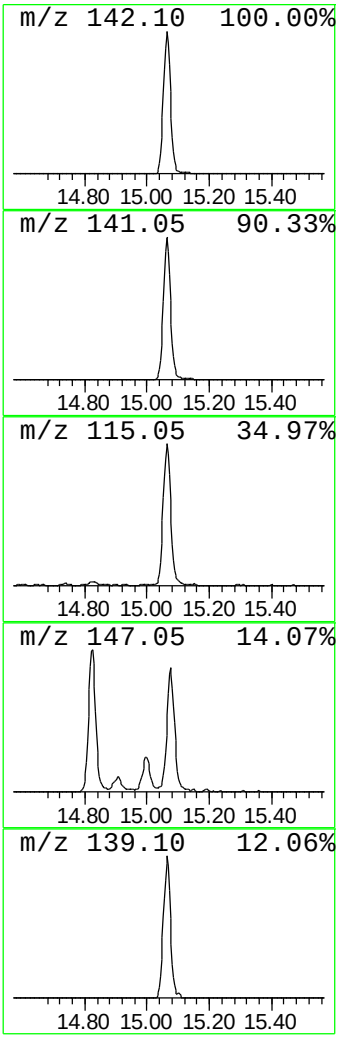
Peak Number 22 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	19.31 ug/L	362764	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	93
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082318\
Data File : VU026315.D
Acq On : 23 Aug 2018 21:46
Operator : MD/SY
Sample : J4598-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBN1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, propyl-	10.59	5.5	ug/L	103800	3	11.49	939108	50.0
Benzene, 1,2,3-tr...	10.77	3.3	ug/L	61987	3	11.49	939108	50.0
Benzene, 1-ethyl-...	10.97	11.4	ug/L	214461	3	11.49	939108	50.0
Mesitylene	11.57	14.0	ug/L	262125	3	11.49	939108	50.0
Indane	11.77	215.3	ug/L	4042990	3	11.49	939108	50.0
Indene	11.98	8.2	ug/L	154588	3	11.49	939108	50.0
Benzene, 2-ethyl-...	12.25	2.9	ug/L	54373	3	11.49	939108	50.0
Indan, 1-methyl-	12.36	3.6	ug/L	67774	3	11.49	939108	50.0
Benzofuran, 2-met...	12.60	34.2	ug/L	642510	3	11.49	939108	50.0
3-Phenylbut-1-ene	12.97	5.1	ug/L	95172	3	11.49	939108	50.0
2-Methylindene	13.19	15.5	ug/L	291315	3	11.49	939108	50.0
Benzo[c]thiophene	13.86	31.2	ug/L	586287	3	11.49	939108	50.0
Benzo[b]thiophene...	14.82	2.8	ug/L	52484	3	11.49	939108	50.0
Naphthalene, 1-me...	15.07	19.3	ug/L	362764	3	11.49	939108	50.0