LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

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\SOMULM041719WMA.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	1.180	24	28	39	rVB2	18448	17741	0.04%	0.009%
2	1.395	88	95	107	rBV	237385	254263	0.57%	0.128%
3	1.678	176	183	198	rBV	210672	264434	0.60%	0.133%
4	2.267	356	366	382	rVB	423900	644514	1.46%	0.324%
5	2.485	427	434	439	rVB8	1440	2244	0.01%	0.001%
6	2.514	439	443	446	rBV2	1070	999	0.00%	0.001%
7	2.540	447	451	457	rVV8	1817	2623	0.01%	0.001%
8	2.640	478	482	484	rBV4	1537	1075	0.00%	0.001%
9	2.698	492	500	511	rVB6	4775	8405	0.02%	0.004%
10	2.958	575	581	584	rBV4	839	922	0.00%	0.000%
11	3.640	790	793	801	rVB3	878	962	0.00%	0.000%
12	3.704	806	813	814	rBV2	870	1048	0.00%	0.001%
13	3.714	814	816	823	rVB3	893	773	0.00%	0.000%
14	3.772	831	834	840	rVB2	853	788	0.00%	0.000%
15	3.926	880	882	885	rVV2	1313	864	0.00%	0.000%
16	4.038	911	917	920	rVB3	864	924	0.00%	0.000%
17	4.067	920	926	930	rBV4	999	1450	0.00%	0.001%
18	4.193	949	965	1001	rBV2	160059	540340	1.22%	0.271%
19	4.643	1087	1105	1129	rBV	311790	747560	1.69%	0.375%
20	4.836	1162	1165	1169	rBV3	1233	790	0.00%	0.000%
21	4.868	1169	1175	1177	rBV5	1467	1461	0.00%	0.001%
22	5.048	1226	1231	1235	rVB2	977	826	0.00%	0.000%
23	5.334	1297	1320	1345	rBV2	601265	1772294	4.00%	0.890%
24	5.884	1474	1491	1514	rBV	658035	1360573	3.07%	0.683%
25	6.183	1573	1584	1591	rVV9	3697	8251	0.02%	0.004%
26	6.328	1614	1629	1652	rBV	419819	880668	1.99%	0.442%
27	6.479	1674	1676	1681	rVB5	2108	1428	0.00%	0.001%
28	6.623	1716	1721	1725	rVB3	1750	1662	0.00%	0.001%
29	6.855	1791	1793	1802	rBV4	870	898	0.00%	0.000%
30	7.225	1895	1908	1930	rBV	216207	410270	0.93%	0.206%
31	7.562	1999	2013	2027	rBV	776164	1408265	3.18%	0.707%
32	7.636	2028	2036	2055	rVB	155720	302354	0.68%	0.152%
33	7.849	2092	2102	2123	rBV	149244	267838	0.60%	0.135%
34	8.022	2154	2156	2160	rBV4	1426	1270	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

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\SOMULM041719WMA.M
Title : VOC Analysis

35	8.122	2181	2187	2190	rBV4	848	978	0.00%	0.000%
36	8.244	2219	2225	2227	rBV4	1247	1054	0.00%	0.001%
37	8.312	2234	2246	2296	rBV	647577	1249139	2.82%	0.627%
38	8.607	2335	2338	2344	rVB7	1759	1901	0.00%	0.001%
39	8.742	2374	2380	2389	rBV8	1420	2269	0.01%	0.001%
40	8.871	2417	2420	2422	rBV3	1592	902	0.00%	0.000%
41	9.086	2474	2487	2527	rBV	946051	1663542	3.76%	0.836%
42	9.250	2527	2538	2561	rVB	170525	305393	0.69%	0.153%
43	9.369	2561	2575	2610	rBV	1799679	3115459	7.03%	1.565%
44	9.643	2653	2660	2661	rBV4	2406	2028	0.00%	0.001%
45	9.713	2677	2682	2683	rBV4	1523	1281	0.00%	0.001%
46	9.781	2689	2703	2734	rBV3	1430636	2961103	6.69%	1.487%
47	10.035	2778	2782	2783	rBV3	2709	2079	0.00%	0.001%
48	10.119	2806	2808	2812	rBV3	2067	1483	0.00%	0.001%
49	10.164	2817	2822	2832	rVB2	11554	17691	0.04%	0.009%
50	10.295	2856	2863	2865	rBV7	5089	5449	0.01%	0.003%
51	10.430	2894	2905	2920	rBV	573276	930900	2.10%	0.468%
52	10.508	2924	2929	2939	rVB3	32564	51547	0.12%	0.026%
53	10.588	2944	2954	2970	rBV	85512	141988	0.32%	0.071%
54	10.678	2971	2982	2999	rBV	522398	1153650	2.60%	0.579%
55	10.768	2999	3010	3020	rBV	603876	952856	2.15%	0.479%
56	10.971	3063	3073	3076	rBV	191043	276179	0.62%	0.139%
57	11.144	3111	3127	3138	rBV	1936790	3024703	6.83%	1.519%
58	11.212	3138	3148	3157	rVV	1938077	2970728	6.71%	1.492%
59	11.263	3157	3164	3177	rVB	682879	1058917	2.39%	0.532%
60	11.482	3221	3232	3243	rBV	1052579	1668509	3.77%	0.838%
61	11.569	3250	3259	3268	rVV	562013	845372	1.91%	0.425%
62	11.623	3269	3276	3291	rVB	230344	358007	0.81%	0.180%
63	11.762	3309	3319	3328	rBV2	309224	559933	1.26%	0.281%
64	11.858	3339	3349	3365	rVB2	960015	1794413	4.05%	0.901%
65	11.977	3375	3386	3396	rBV	4342072	6814198	15.38%	3.423%
66	12.144	3430	3438	3441	rBV2	121289	167248	0.38%	0.084%
67	12.221	3454	3462	3465	rBV2	185812	258596	0.58%	0.130%
68	12.302	3481	3487	3498	rVB2	215845	376377	0.85%	0.189%
69	12.424	3516	3525	3535	rVB	772164	1212548	2.74%	0.609%
70	12.482	3536	3543	3557	rVB2	225144	345635	0.78%	0.174%
71	12.646	3587	3594	3602	rVB	244143	353940	0.80%	0.178%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

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\SOMULM041719WMA.M
Title : VOC Analysis

72	12.700	3602	3611	3624	rBV2	513417	1019360	2.30%	0.512%
73	12.819	3640	3648	3659	rBV	537717	890971	2.01%	0.448%
74	12.961	3685	3692	3706	rVB	185160	269836	0.61%	0.136%
75	13.118	3733	3741	3750	rBV2	864812	1282526	2.90%	0.644%
76	13.179	3751	3760	3772	rVB	2408806	3729964	8.42%	1.873%
77	13.289	3782	3794	3810	rVV	3349630	5535389	12.50%	2.780%
78	13.382	3813	3823	3838	rVB3	291399	690300	1.56%	0.347%
79	13.504	3856	3861	3868	rBV4	115509	145399	0.33%	0.073%
80	13.739	3922	3934	3947	rBV2	28085648	44291691	100.00%	22.246%
81	14.138	4051	4058	4065	rBV2	354642	523225	1.18%	0.263%
82	14.334	4111	4119	4128	rBV2	581770	1010380	2.28%	0.507%
83	14.459	4151	4158	4175	rVB3	466302	980492	2.21%	0.492%
84	14.729	4236	4242	4258	rVB3	298646	512204	1.16%	0.257%
85	14.816	4264	4269	4275	rBV2	140246	182907	0.41%	0.092%
86	14.874	4275	4287	4304	rVV	27352844	42752731	96.53%	21.473%
87	15.057	4333	4344	4361	rBV	11401777	17908127	40.43%	8.995%
88	15.604	4505	4514	4524	rVB	963324	1431599	3.23%	0.719%
89	15.794	4565	4573	4581	rBV	1127010	1725029	3.89%	0.866%
90	15.909	4597	4609	4630	rBV	5724309	9765851	22.05%	4.905%
91	16.054	4644	4654	4661	rBV	4545715	7176550	16.20%	3.605%
92	16.186	4686	4695	4706	rVB	932014	1437162	3.24%	0.722%
93	16.279	4709	4724	4735	rBV	1389501	3113122	7.03%	1.564%
94	16.427	4762	4770	4780	rBV	648540	985398	2.22%	0.495%
95	16.527	4790	4801	4815	rVB3	1388585	2593707	5.86%	1.303%
96	16.626	4827	4832	4843	rVB2	476428	719859	1.63%	0.362%
97	16.765	4869	4875	4887	rVB	813847	1182131	2.67%	0.594%
98	17.015	4946	4953	4970	rVB3	827480	1635313	3.69%	0.821%
99	17.163	4991	4999	5009	rVB	641928	1018179	2.30%	0.511%
100	17.224	5010	5018	5027	rBV	639484	1030618	2.33%	0.518%

Sum of corrected areas: 199098792

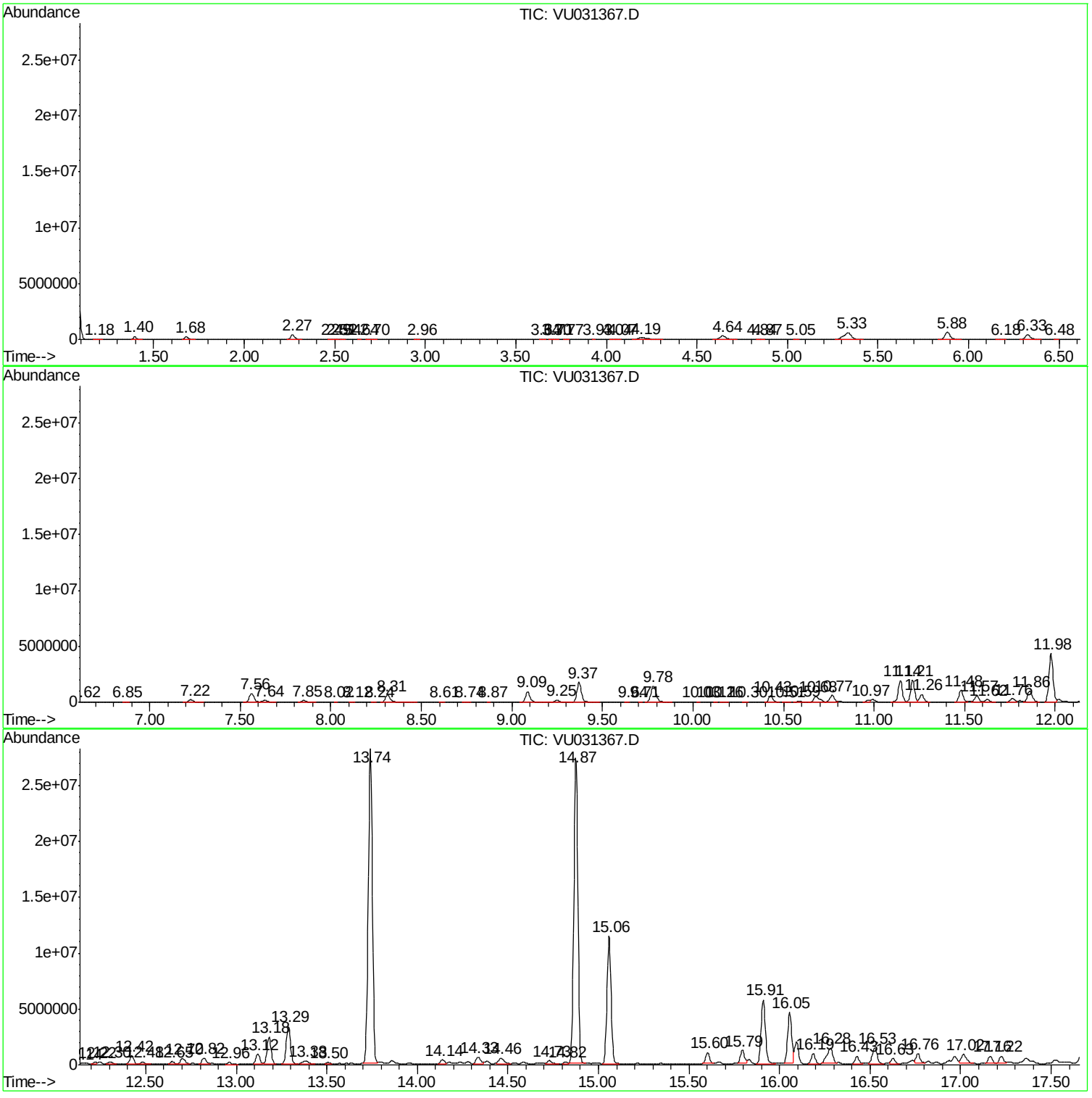
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.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\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

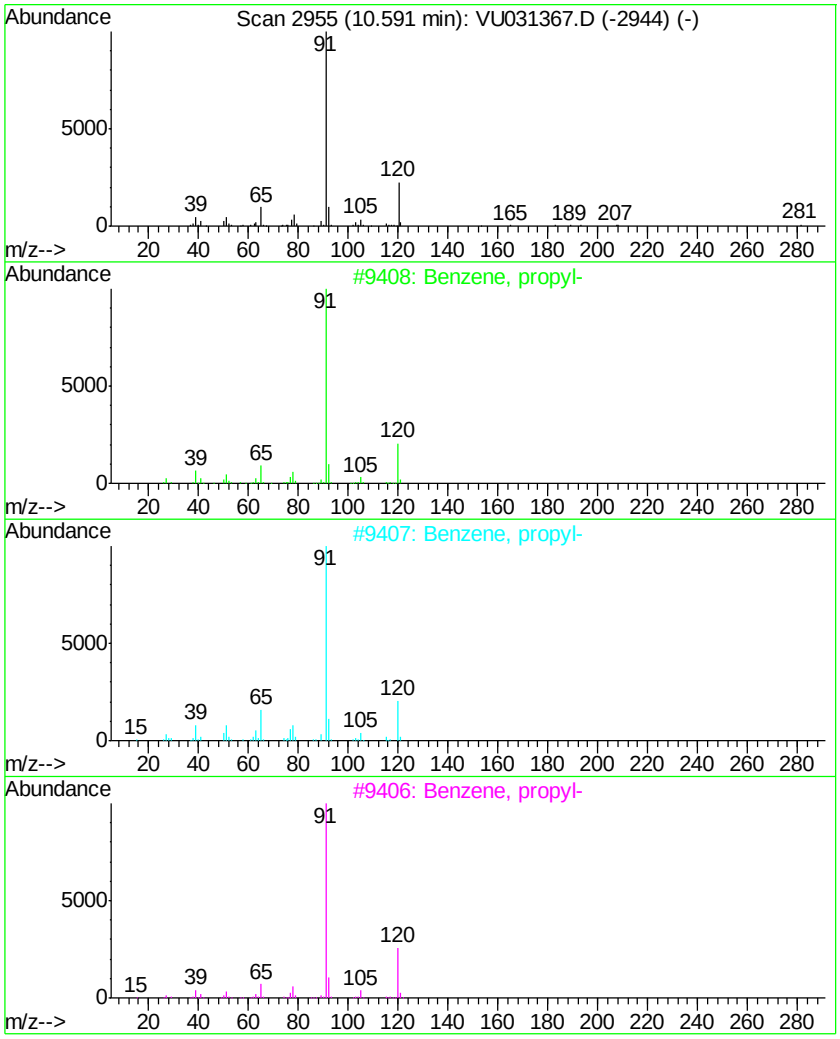
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

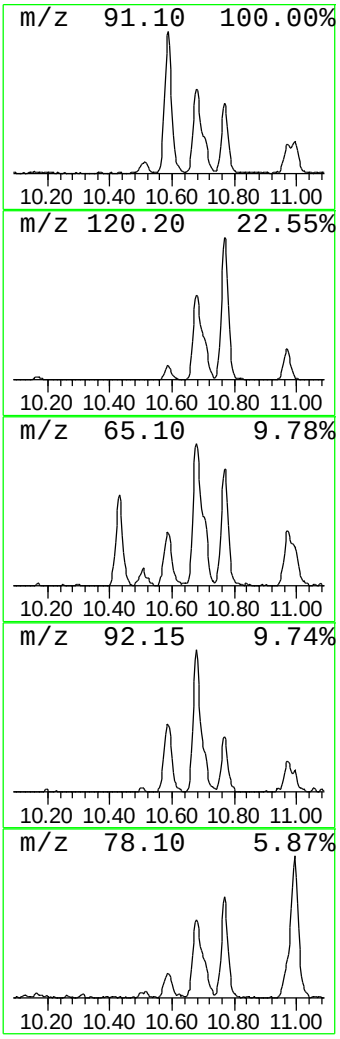
****

Peak Number 2 Benzene, propyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	4.25 ug/L	141988	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	78
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

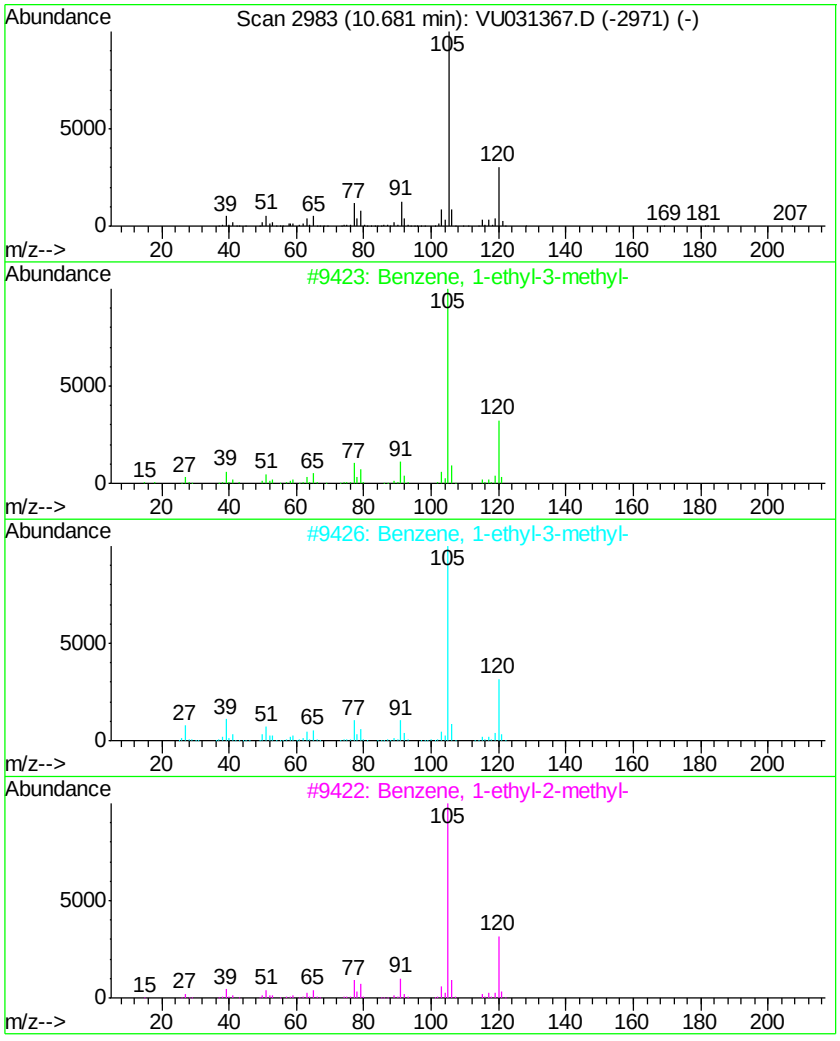
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

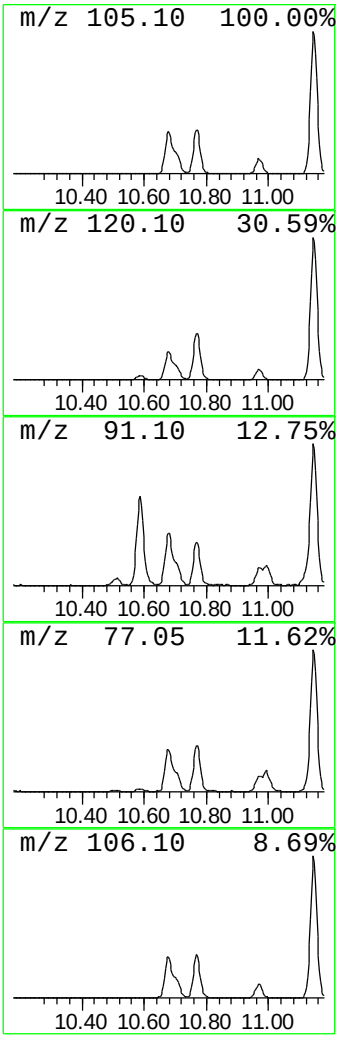
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	34.57 ug/L	1153650	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

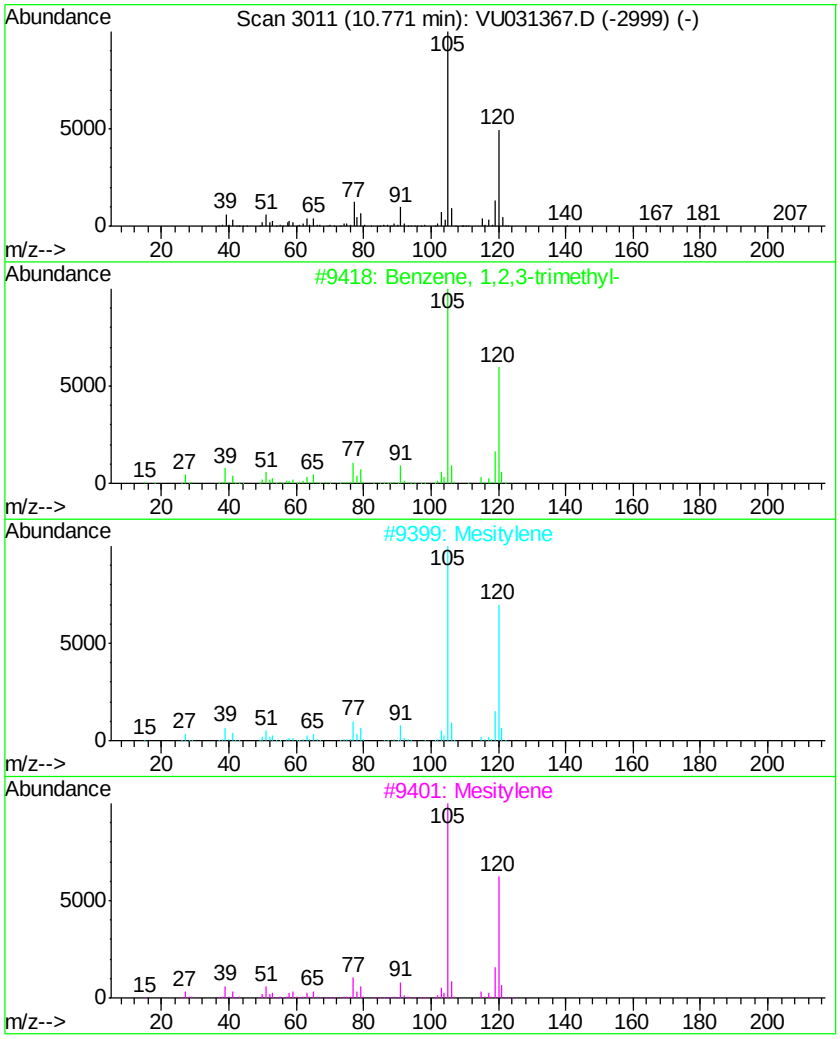
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

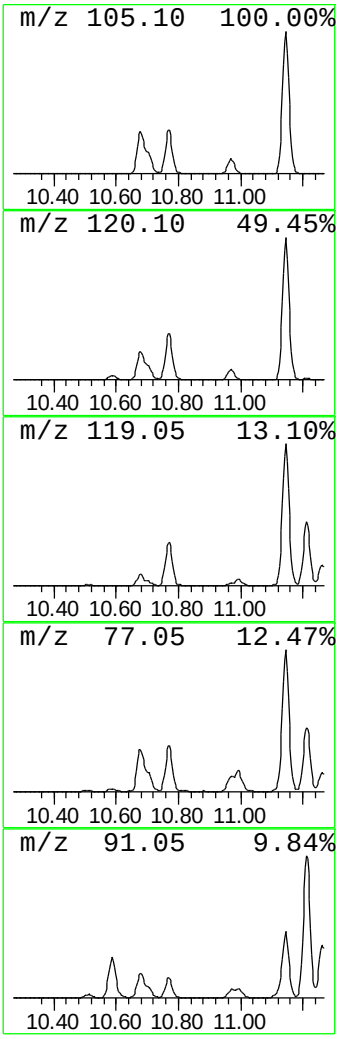
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	28.55 ug/L	952856	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

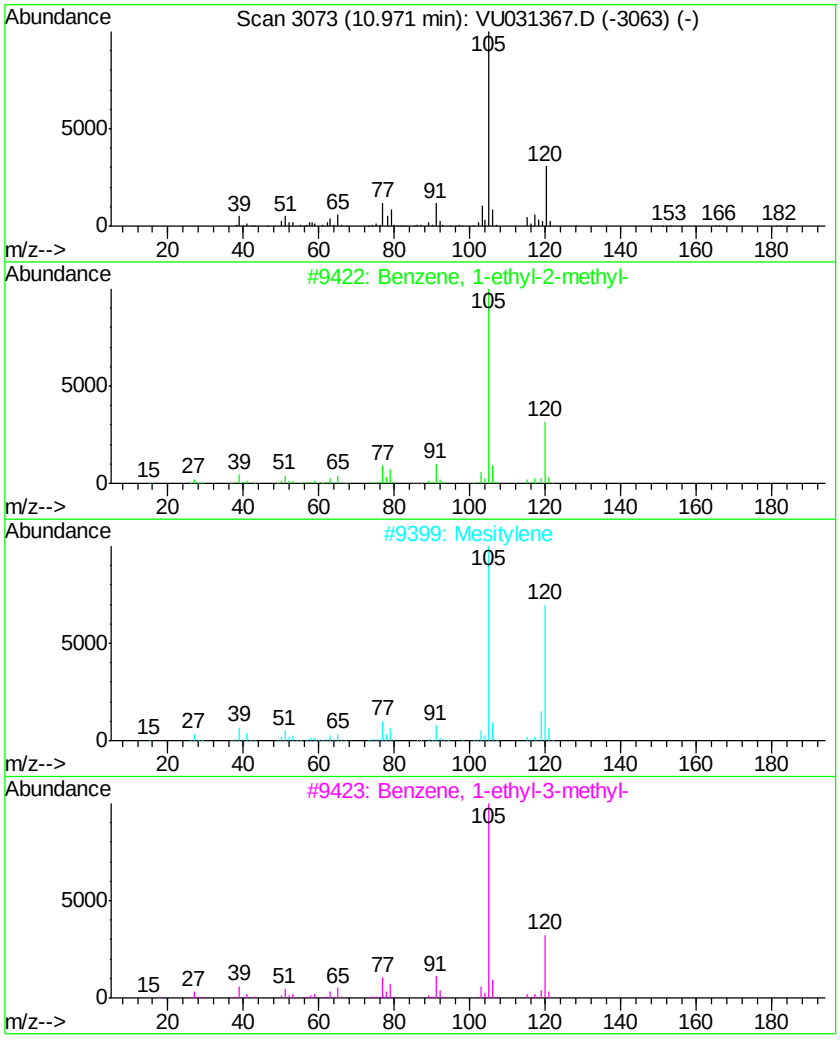
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

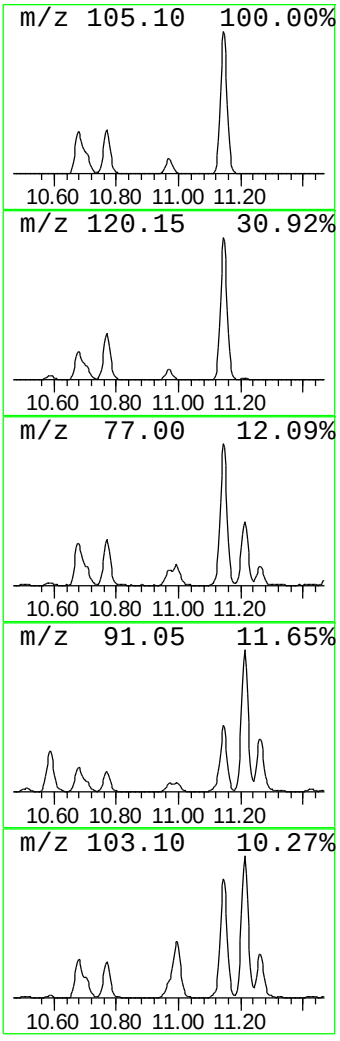
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	8.28 ug/L	276179	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Mesitylene	120	C9H12	000108-67-8	87
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

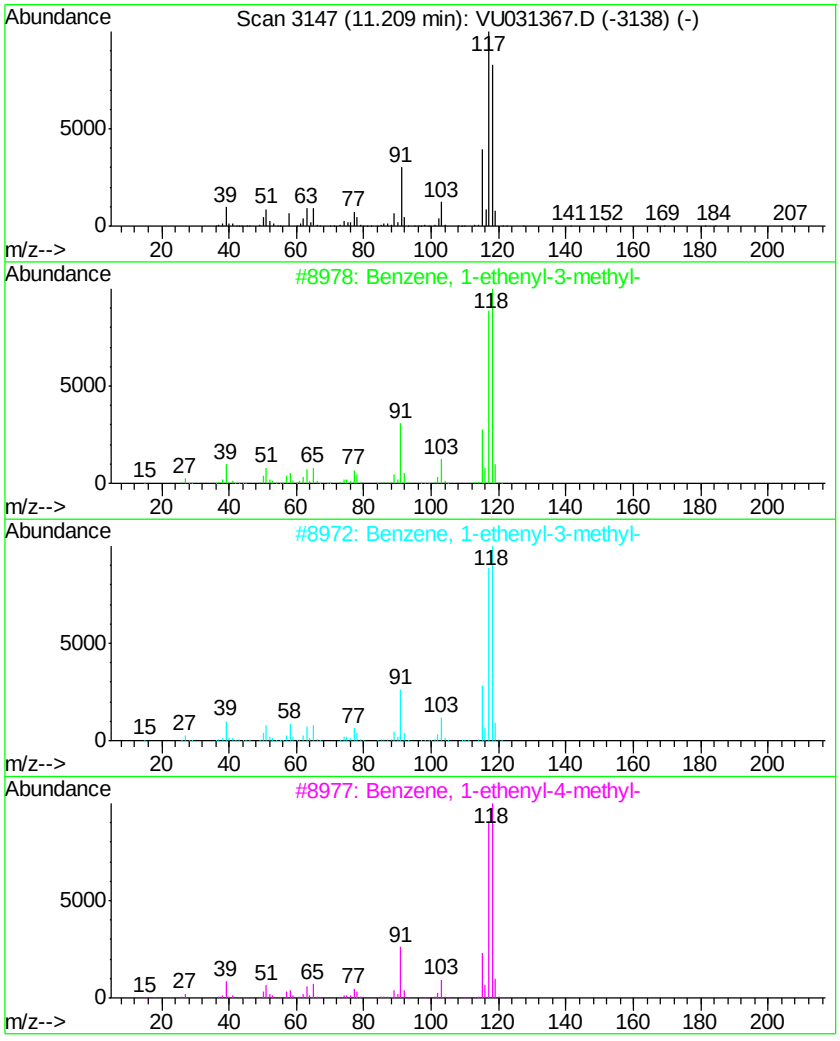
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

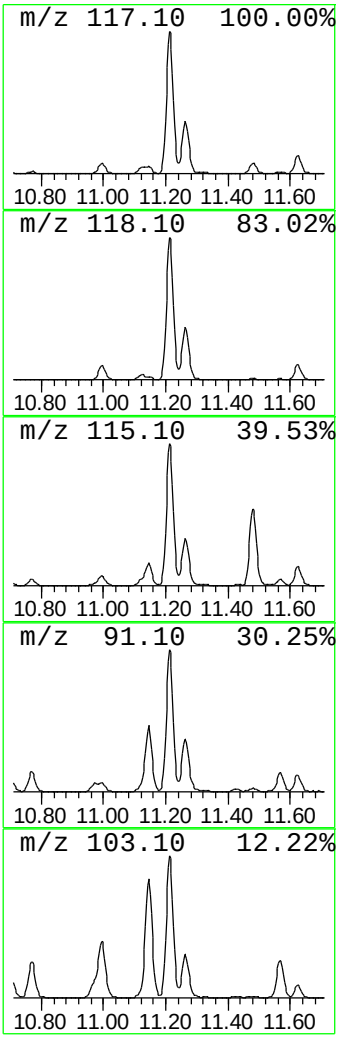
****

Peak Number 7 Benzene, 1-ethenyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	89.02 ug/L	2970730	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	92





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

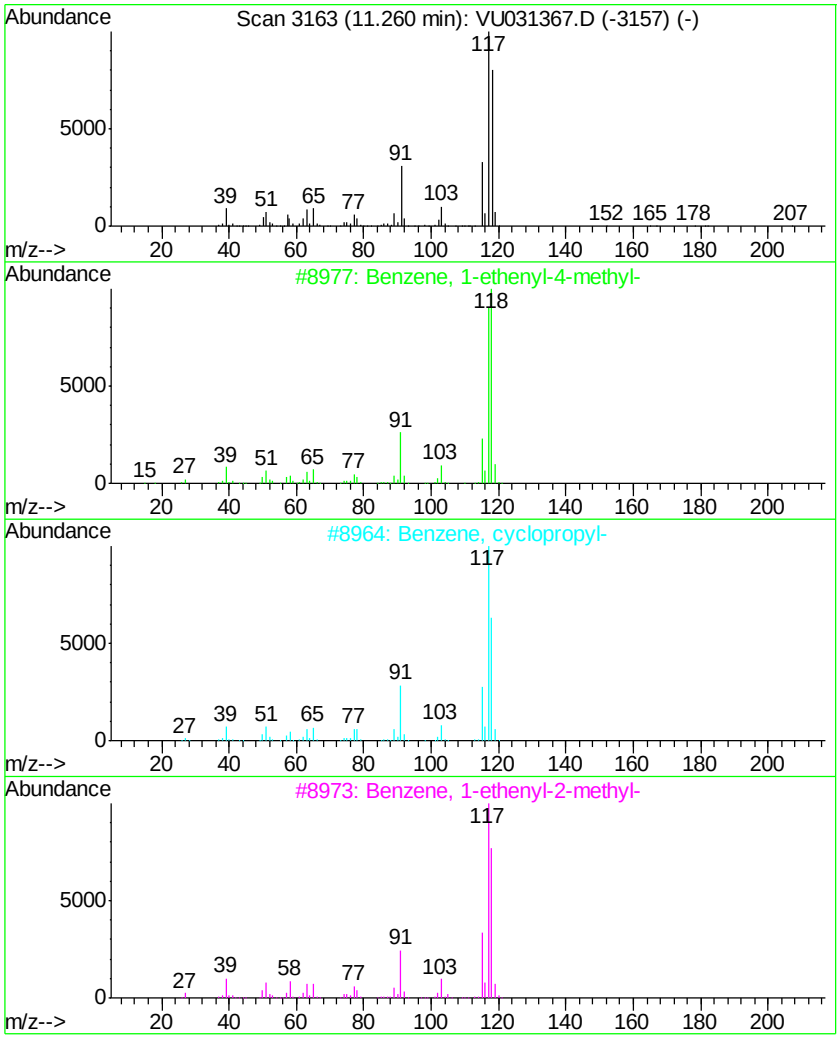
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

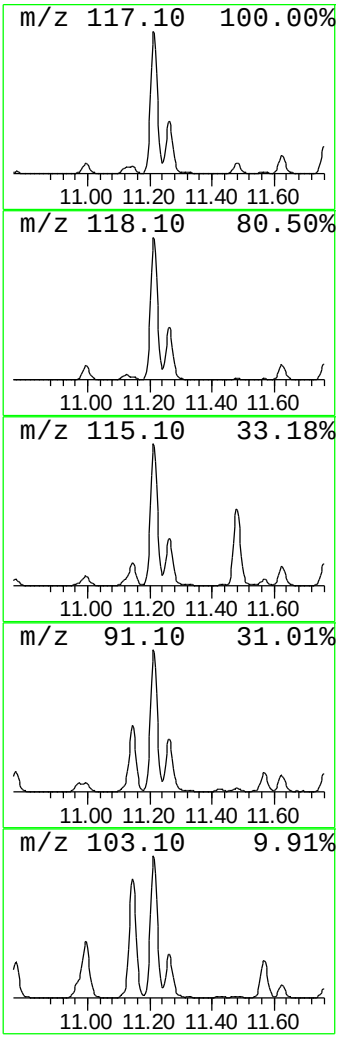
****

Peak Number 8 Benzene, 1-ethenyl-4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	31.73 ug/L	1058920	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	92
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

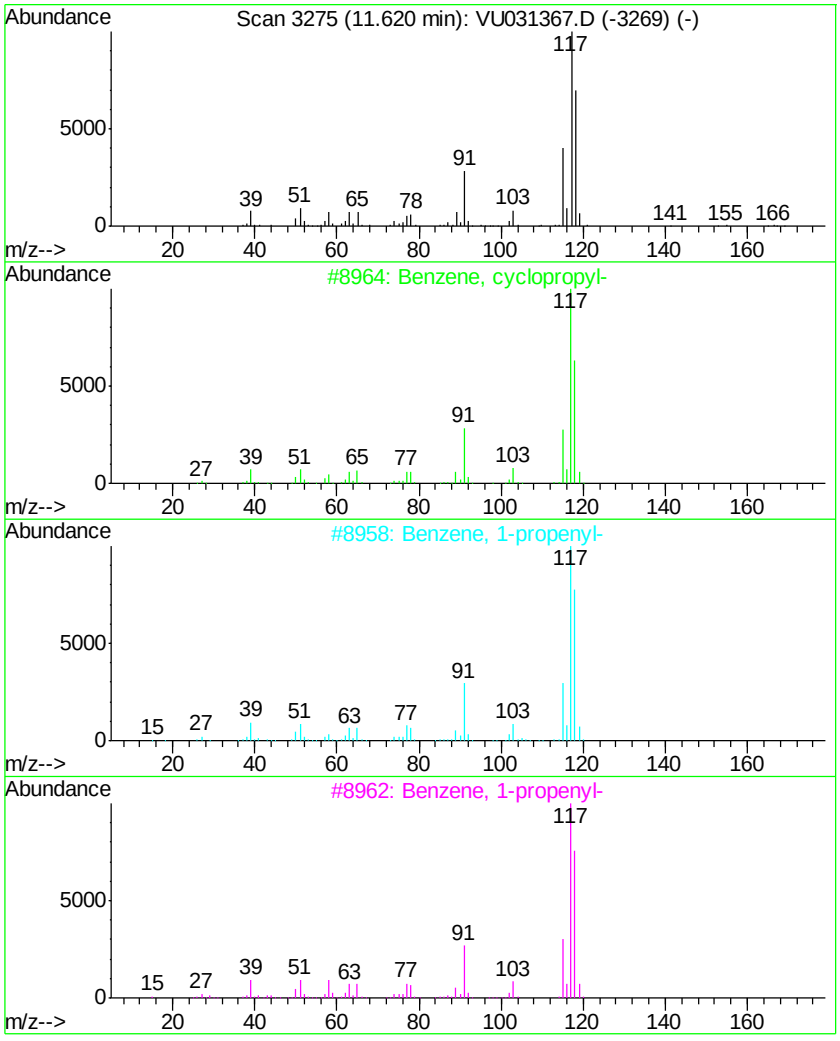
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

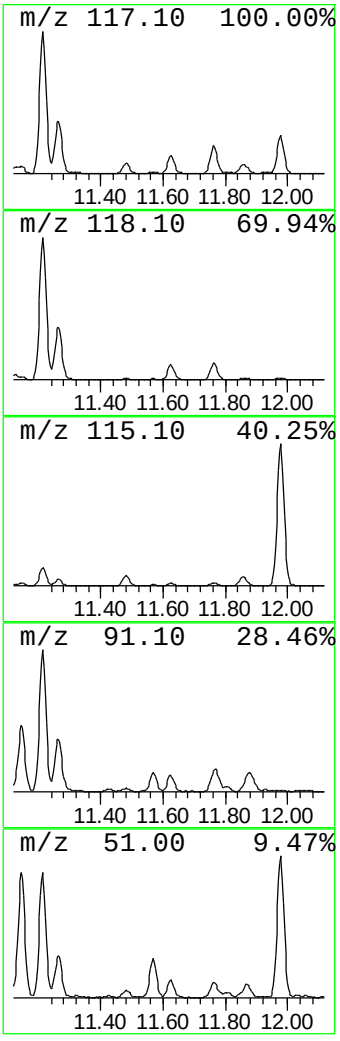
****

Peak Number 10 Benzene, cyclopropyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	10.73 ug/L	358007	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

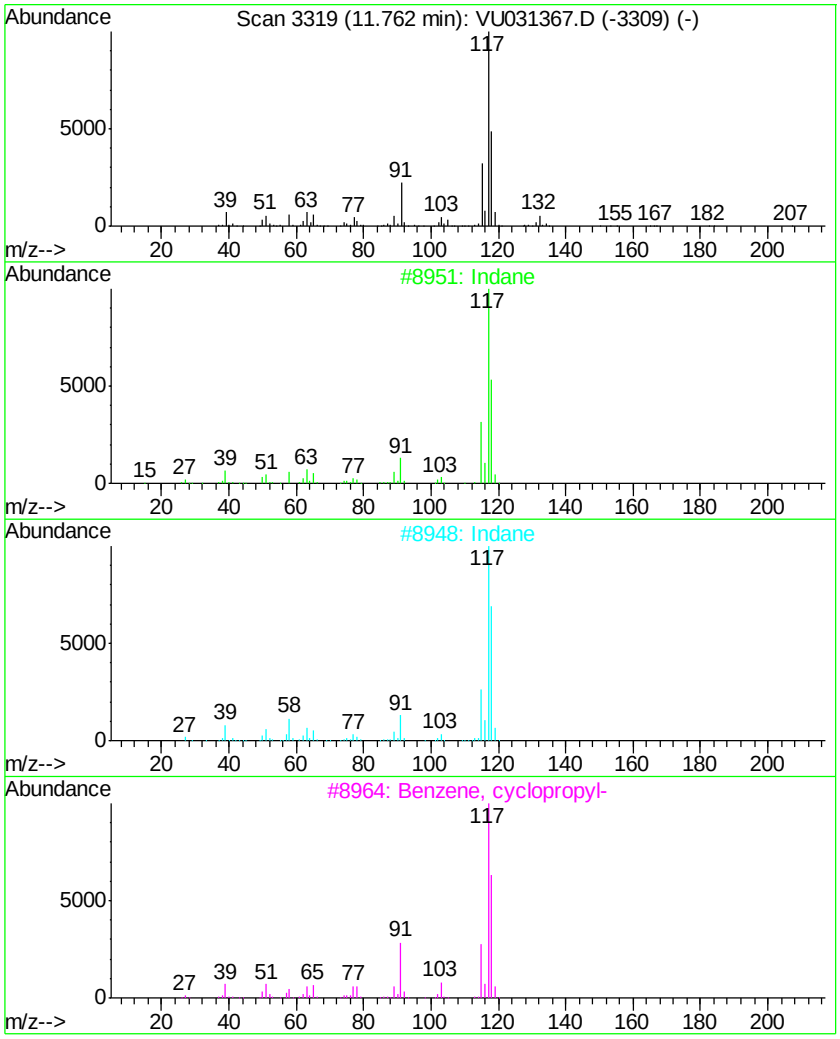
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

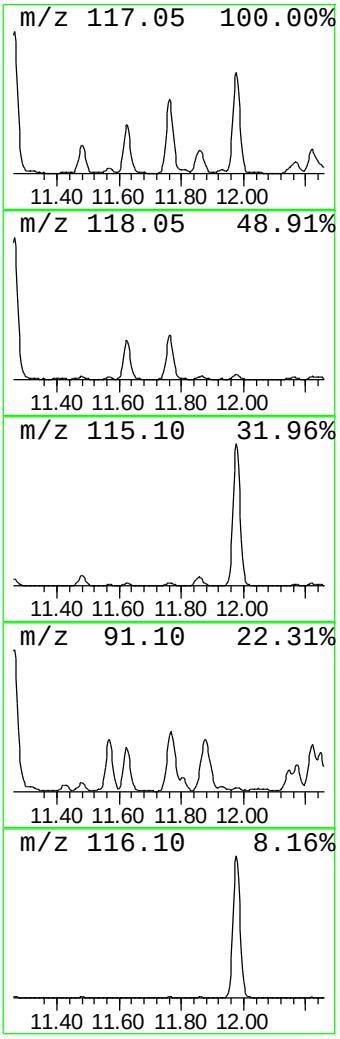
****

Peak Number 11 Indane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	16.78 ug/L	559933	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

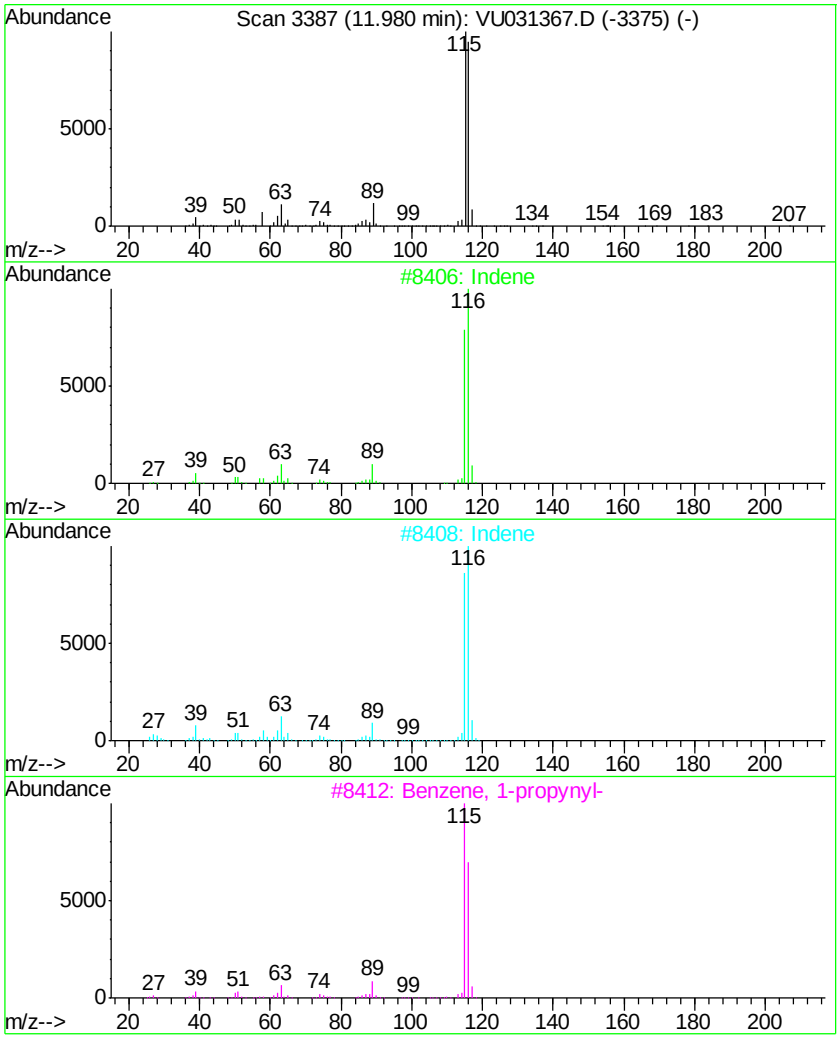
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

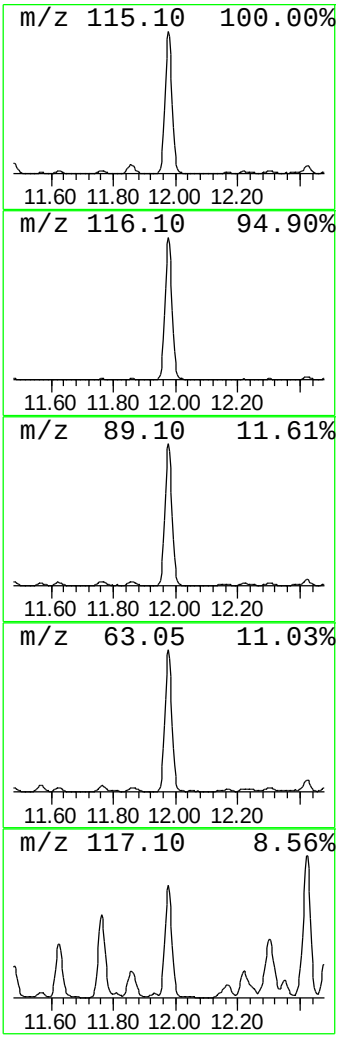
****

Peak Number 12 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	204.20 ug/L	6814200	1,4-Dichlorobenzene-d4	11.48

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-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

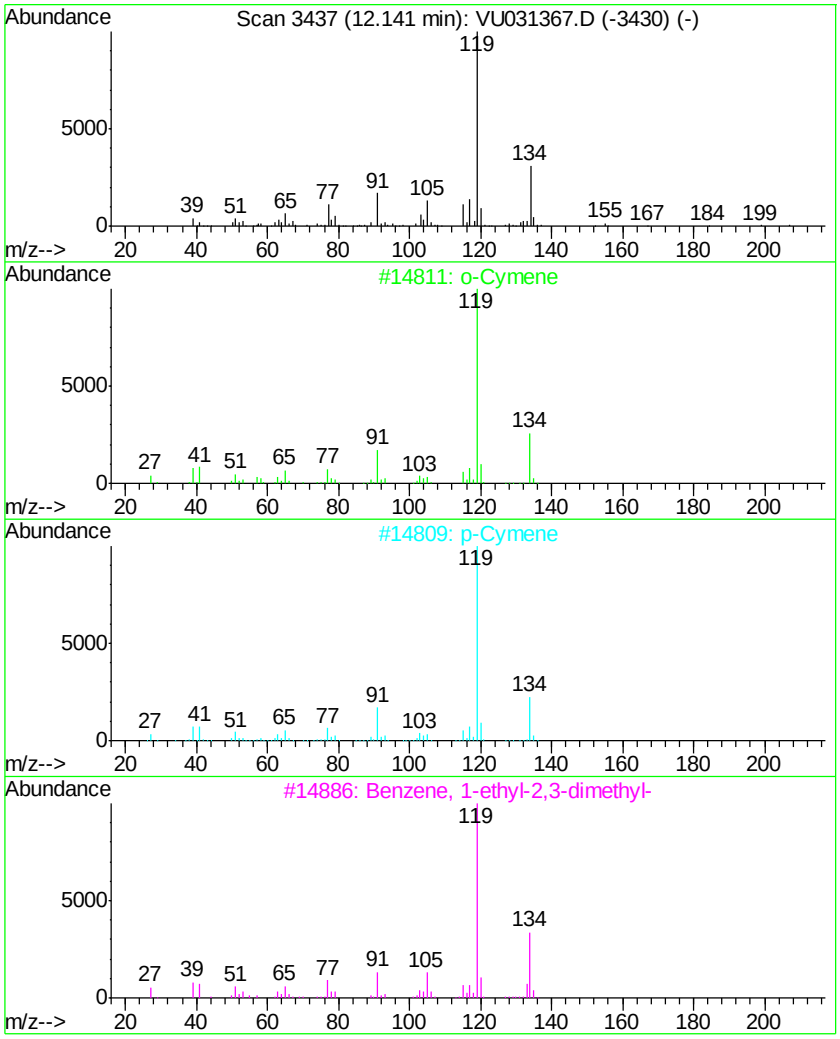
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

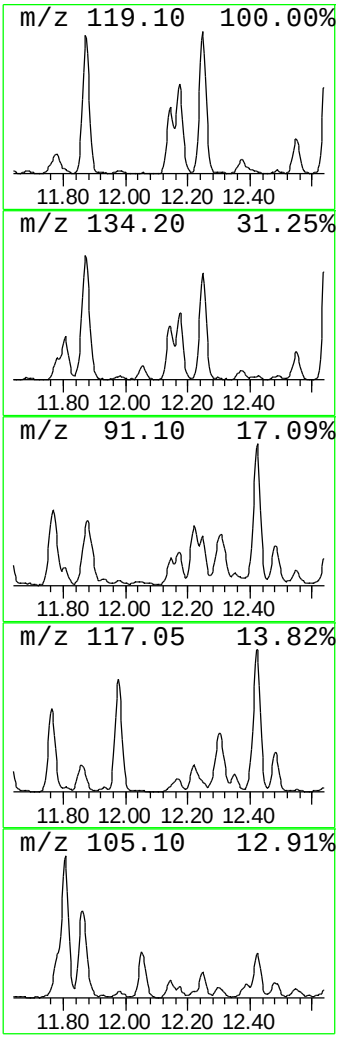
****

Peak Number 13 o-Cymene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	5.01 ug/L	167248	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	p-Cymene	134	C10H14	000099-87-6	93
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

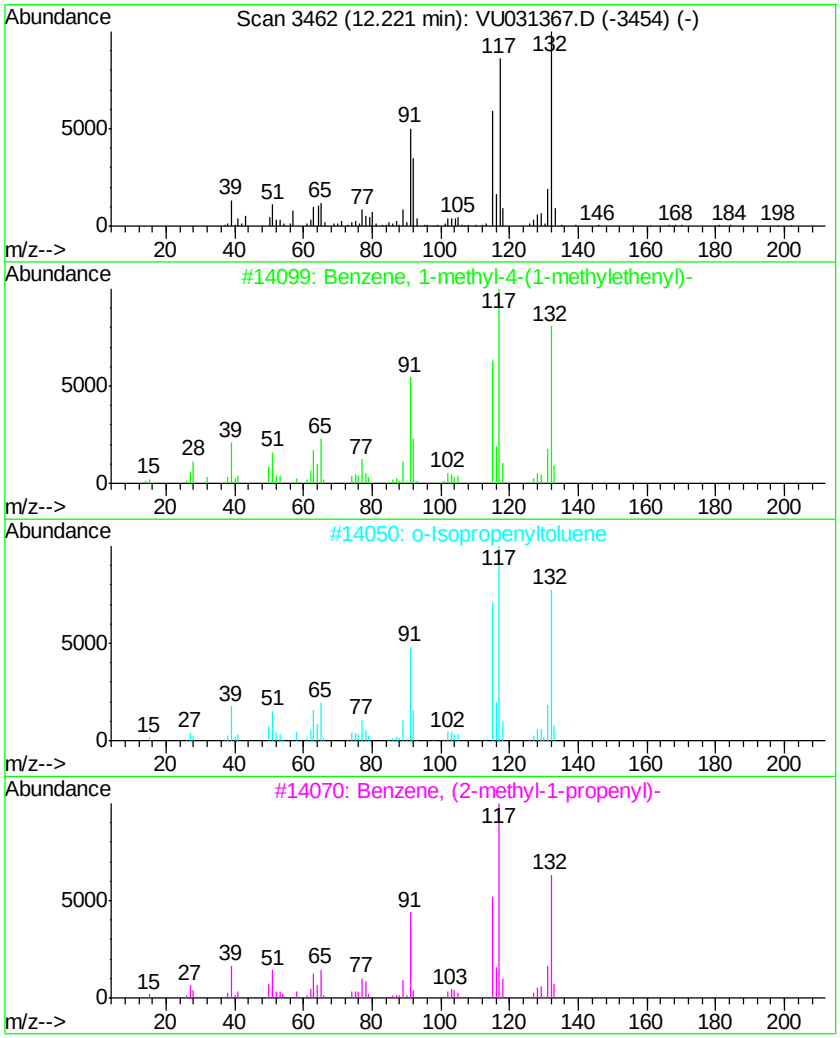
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

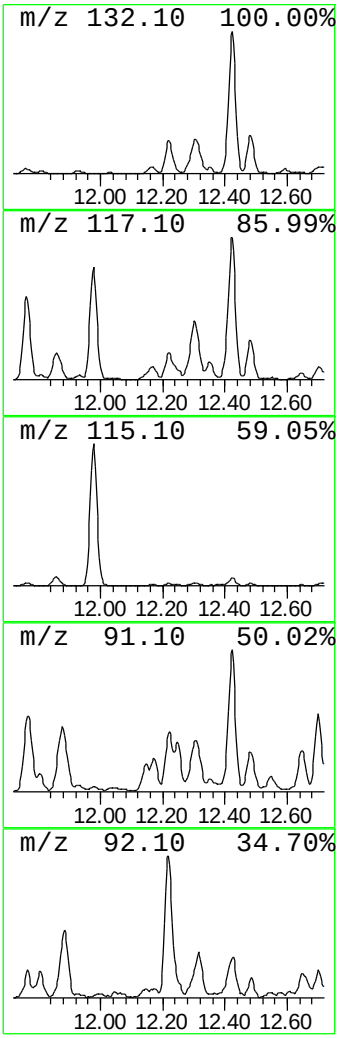
****

Peak Number 14 Benzene, 1-methyl-4-(1-meth... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	7.75 ug/L	258596	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	94
2	o-Isopropenyltoluene	132	C10H12	007399-49-7	93
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

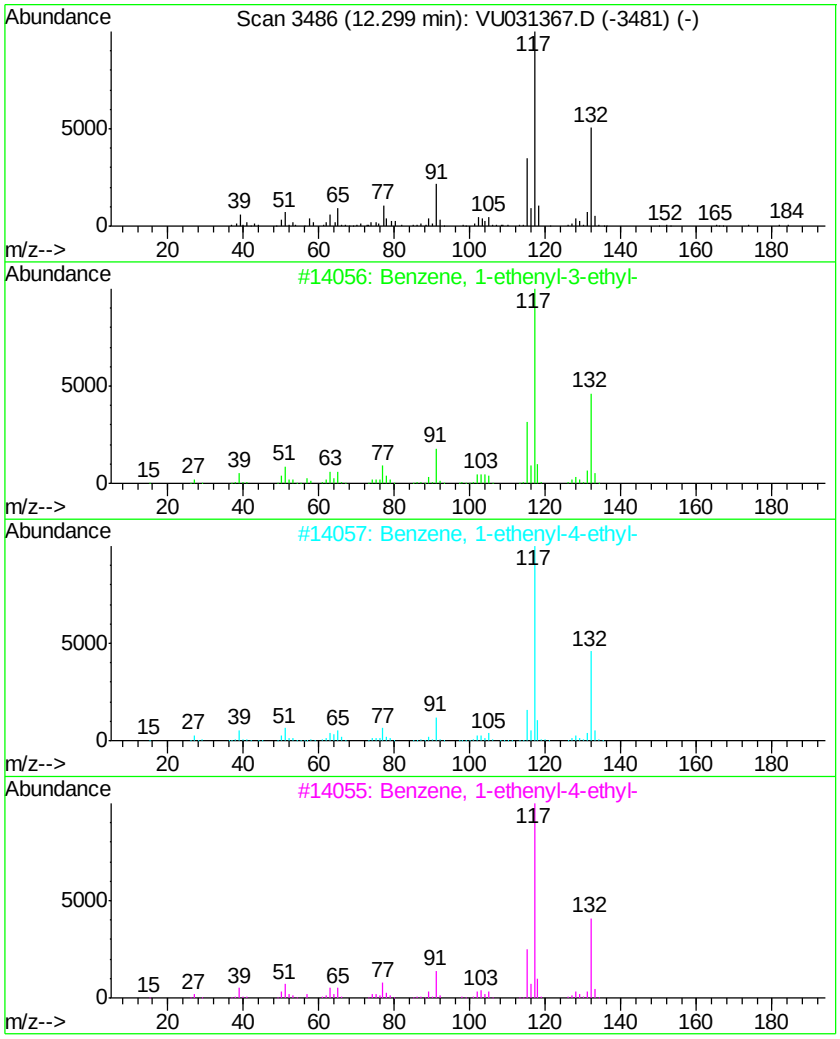
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

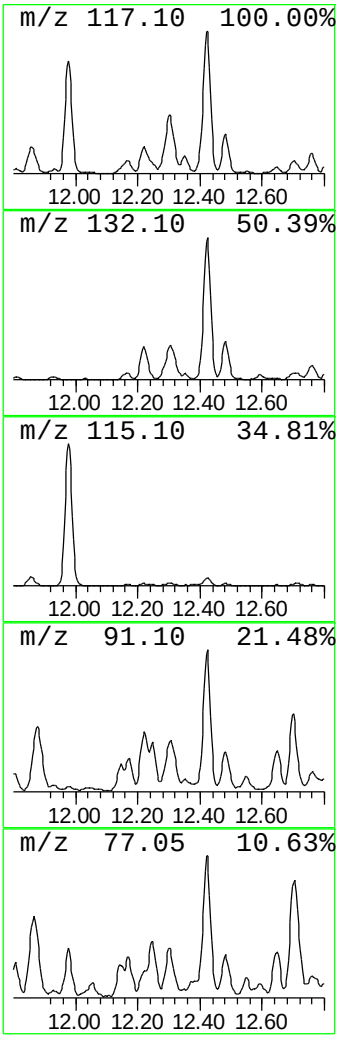
****

Peak Number 15 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	11.28 ug/L	376377	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	94
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
4	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

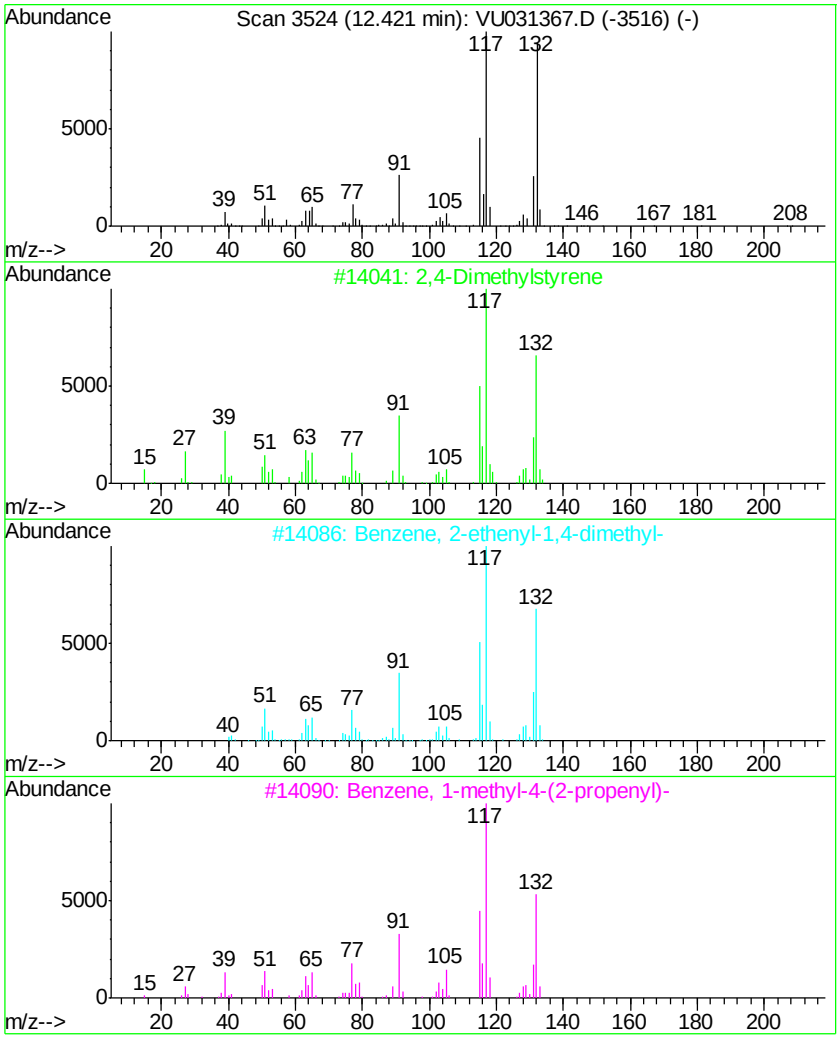
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

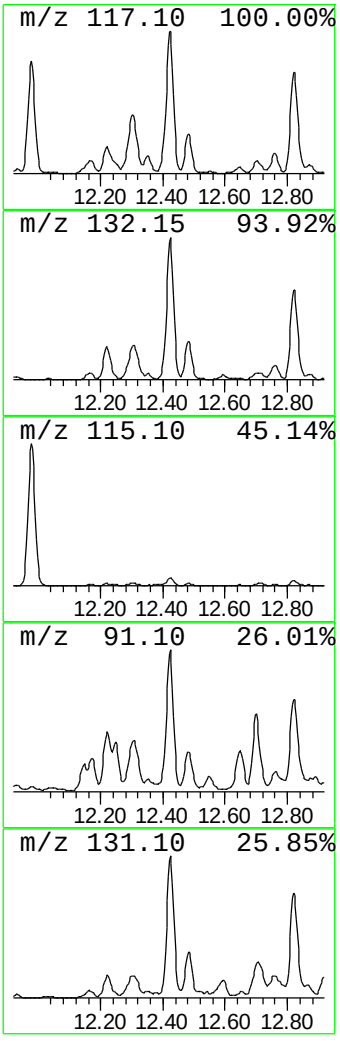
****

Peak Number 16 2,4-Dimethylstyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	36.34 ug/L	1212550	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

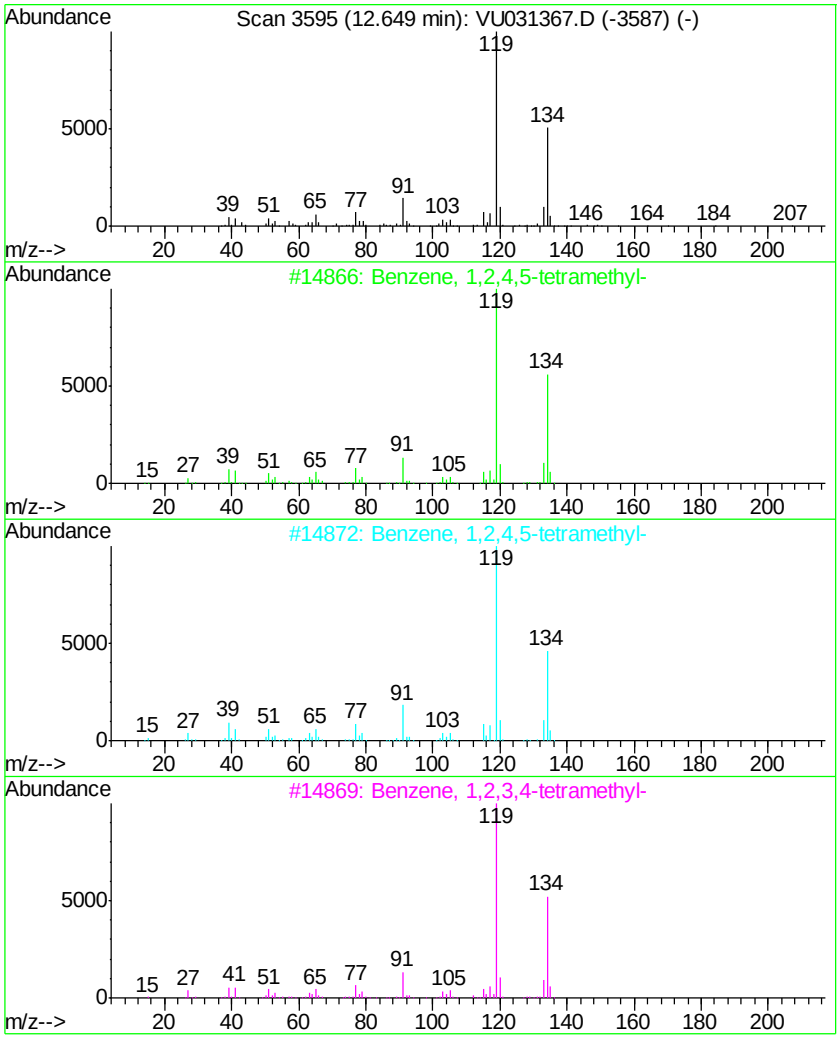
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

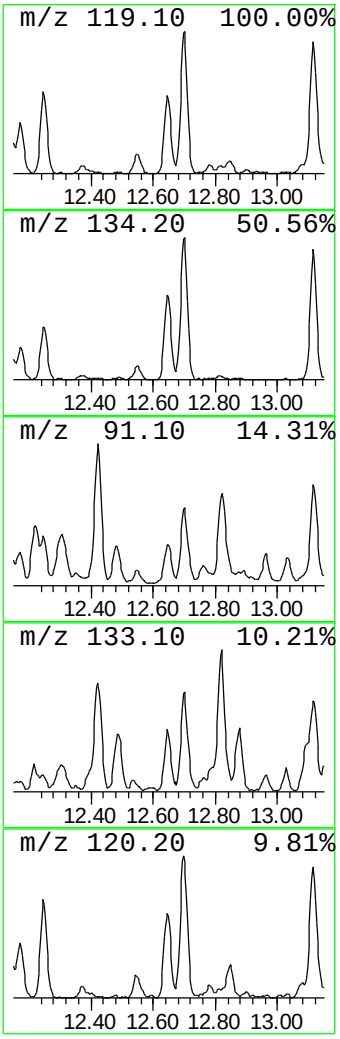
****

Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	10.61 ug/L	353940	1,4-Dichlorobenzene-d4	11.48

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

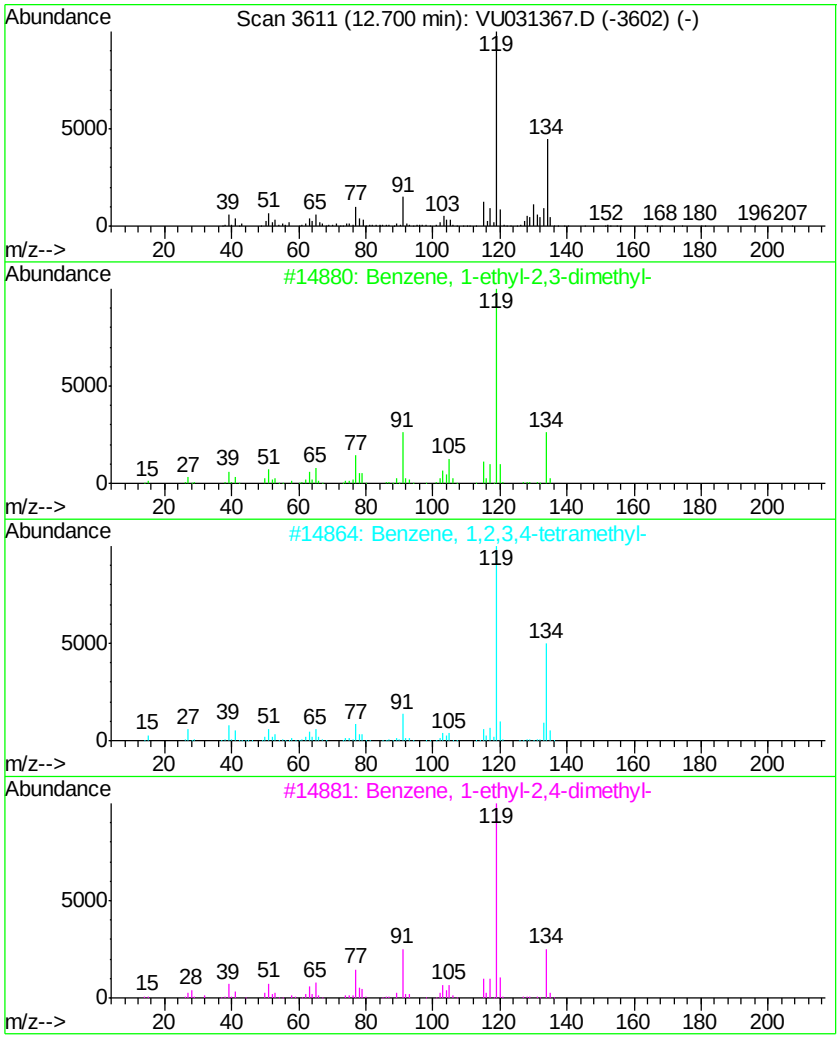
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

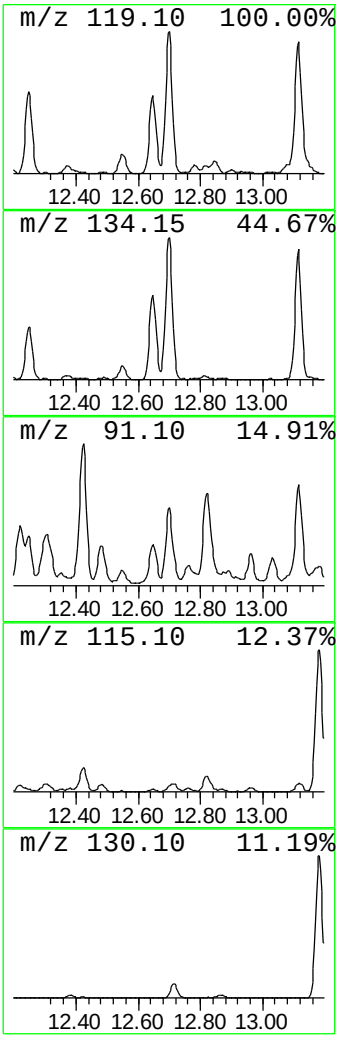
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	30.55 ug/L	1019360	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

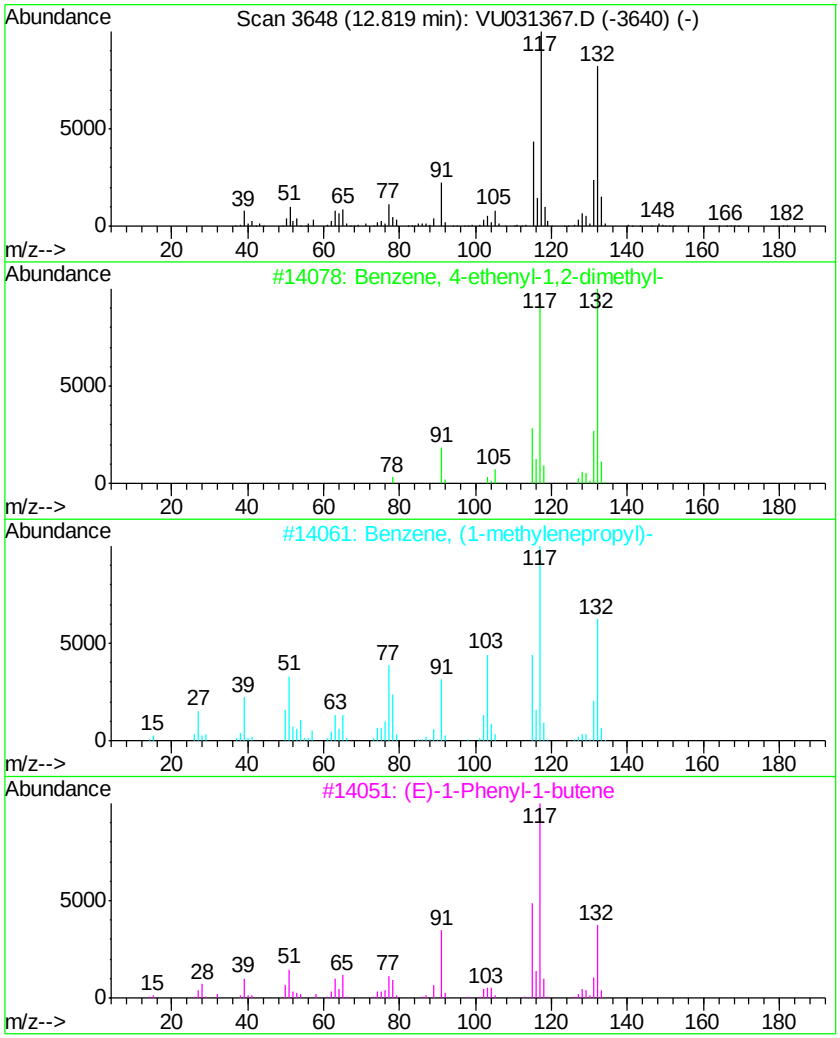
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

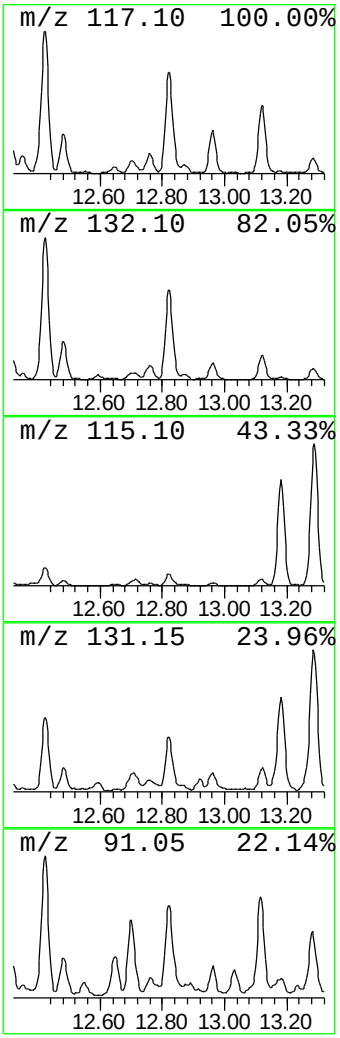
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	26.70 ug/L	890971	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	96
2	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	94
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

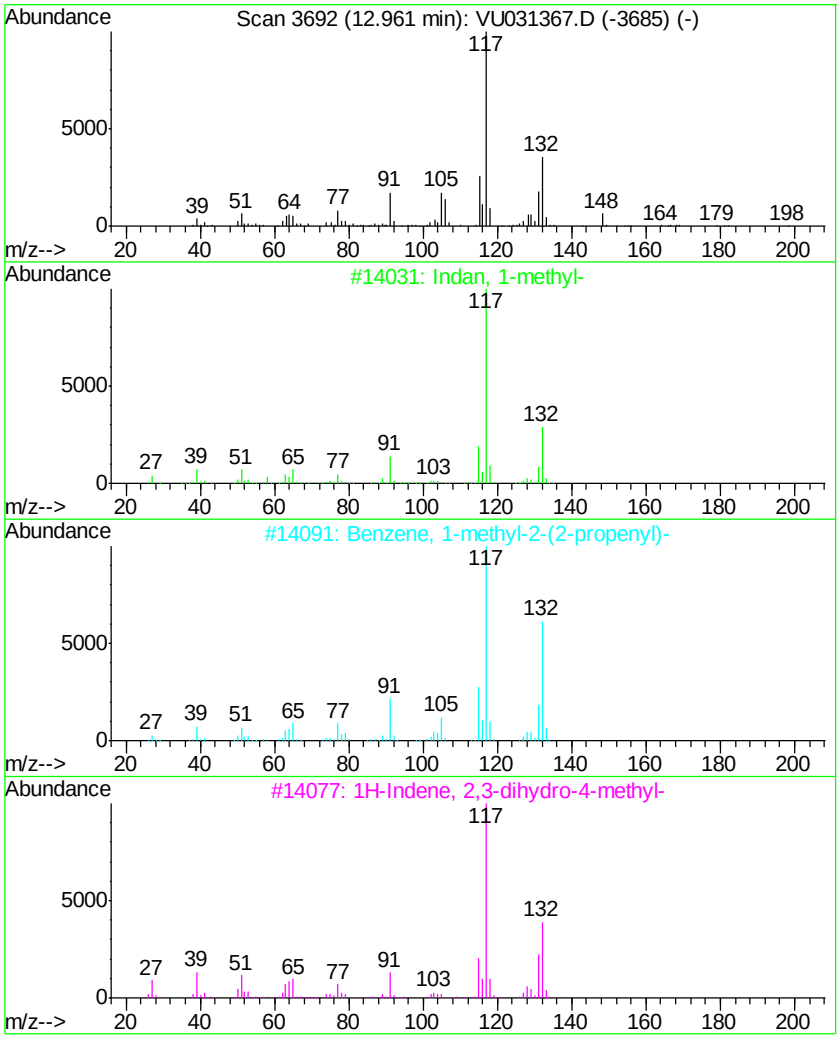
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

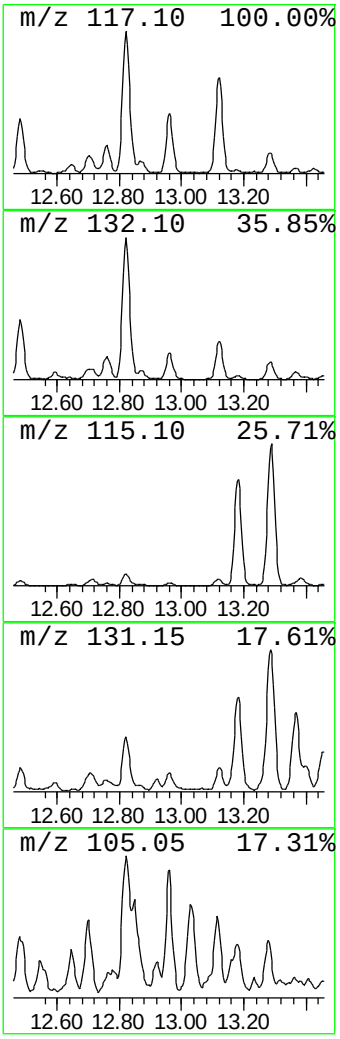
****

Peak Number 21 Indan, 1-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	8.09 ug/L	269836	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

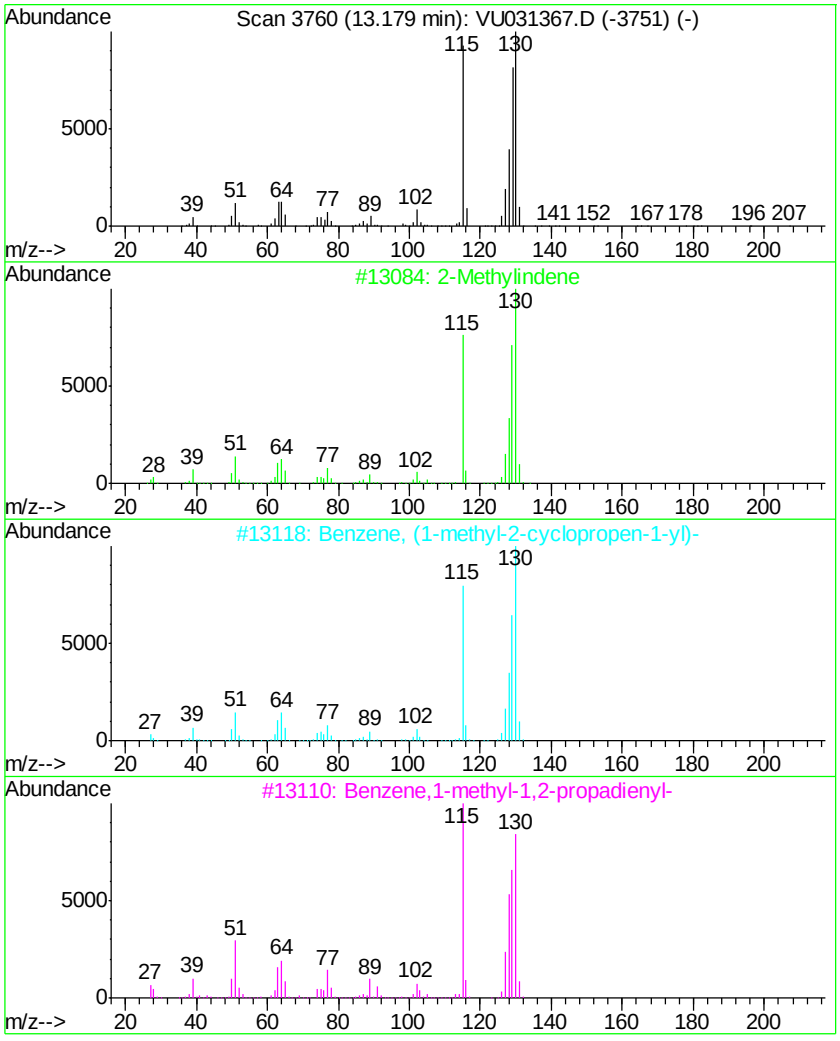
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

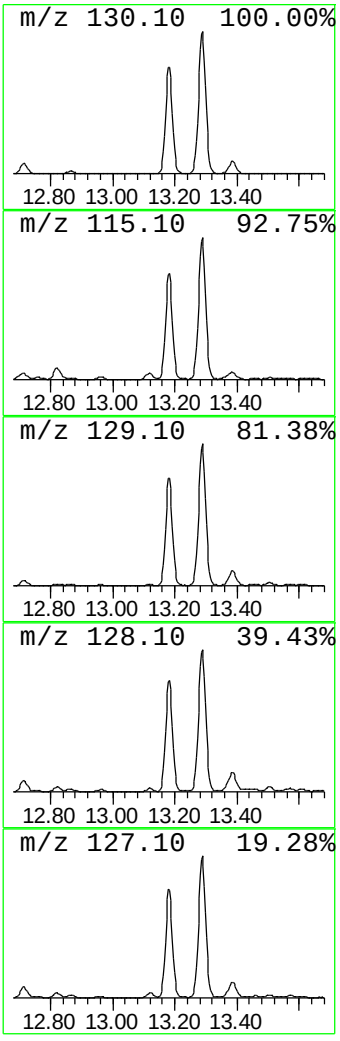
****

Peak Number 23 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	111.78 ug/L	3729960	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

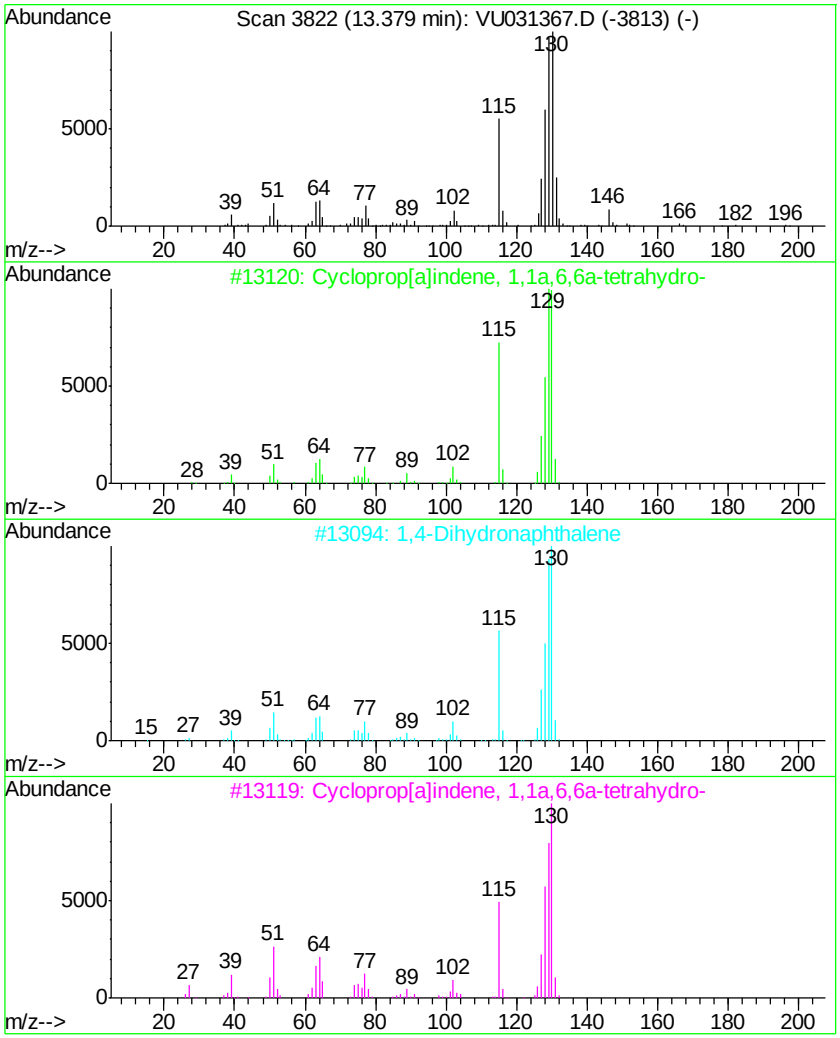
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

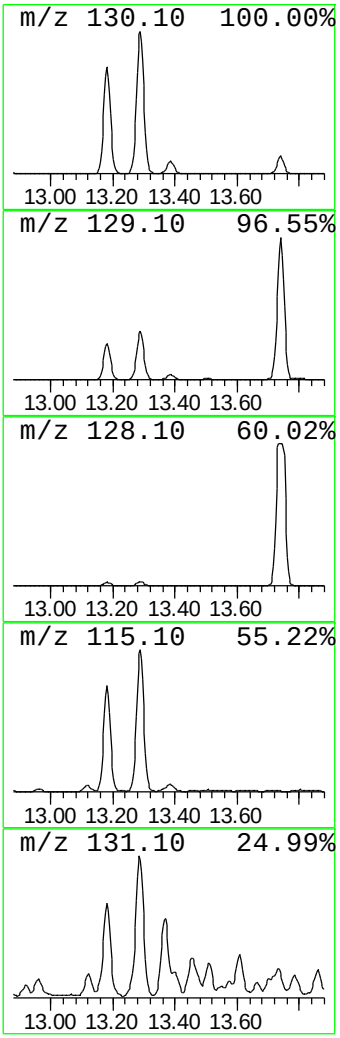
****

Peak Number 25 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	20.69 ug/L	690300	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93
5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

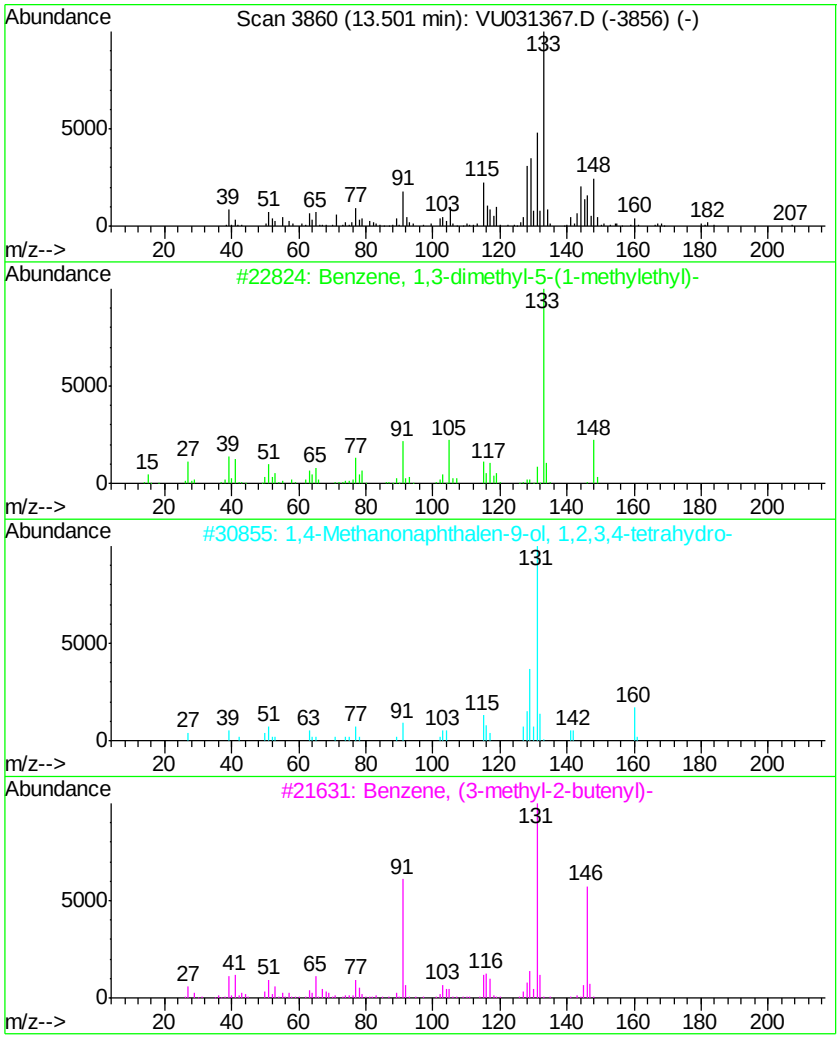
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

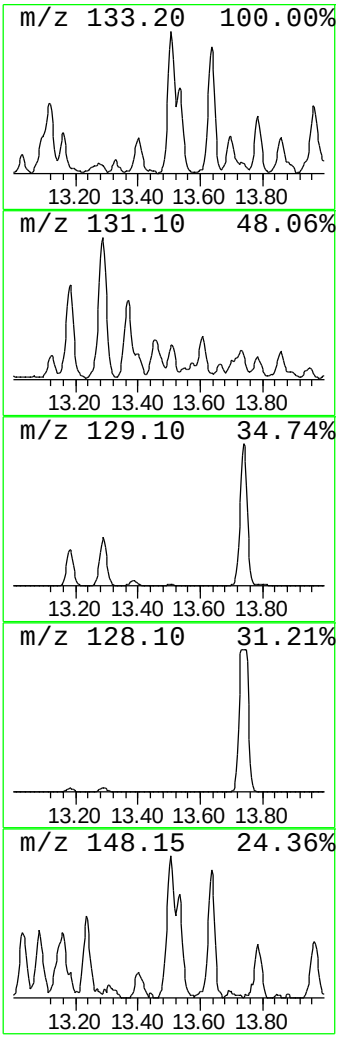
****

Peak Number 26 unknown-01 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	4.36 ug/L	145399	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	41
2	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	055255-94-2	38
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	38
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	30
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

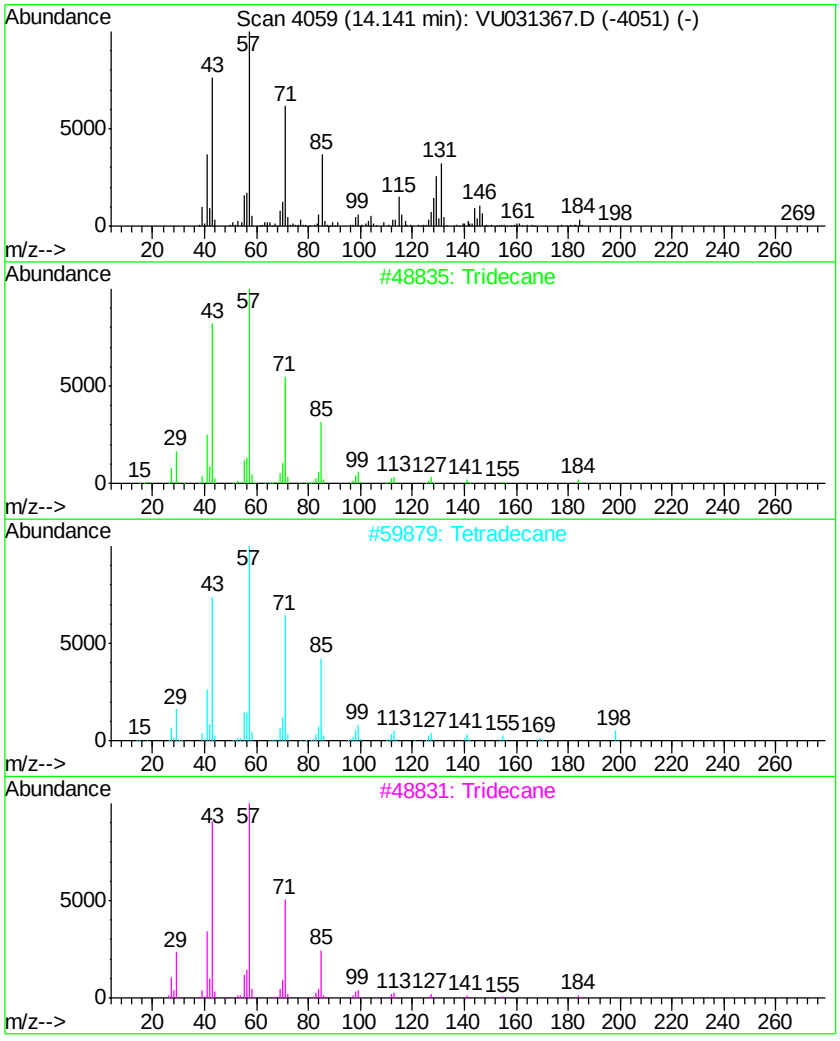
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

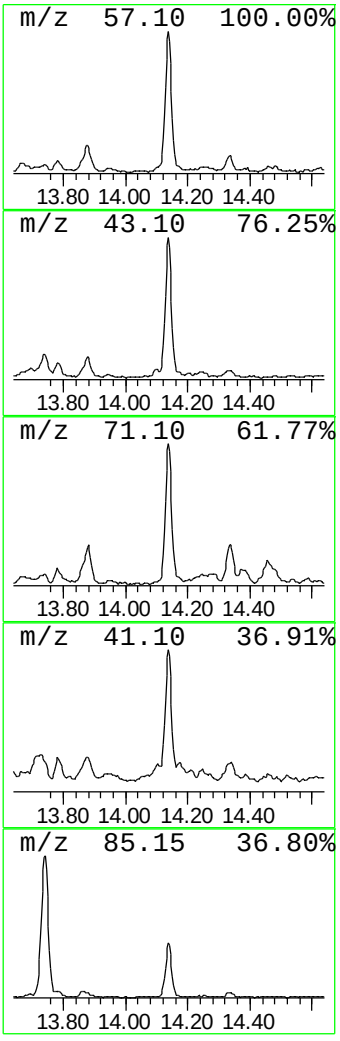
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	15.68 ug/L	523225	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	89
3	Tridecane	184	C13H28	000629-50-5	70
4	Dodecane	170	C12H26	000112-40-3	43
5	Tetradecane	198	C14H30	000629-59-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

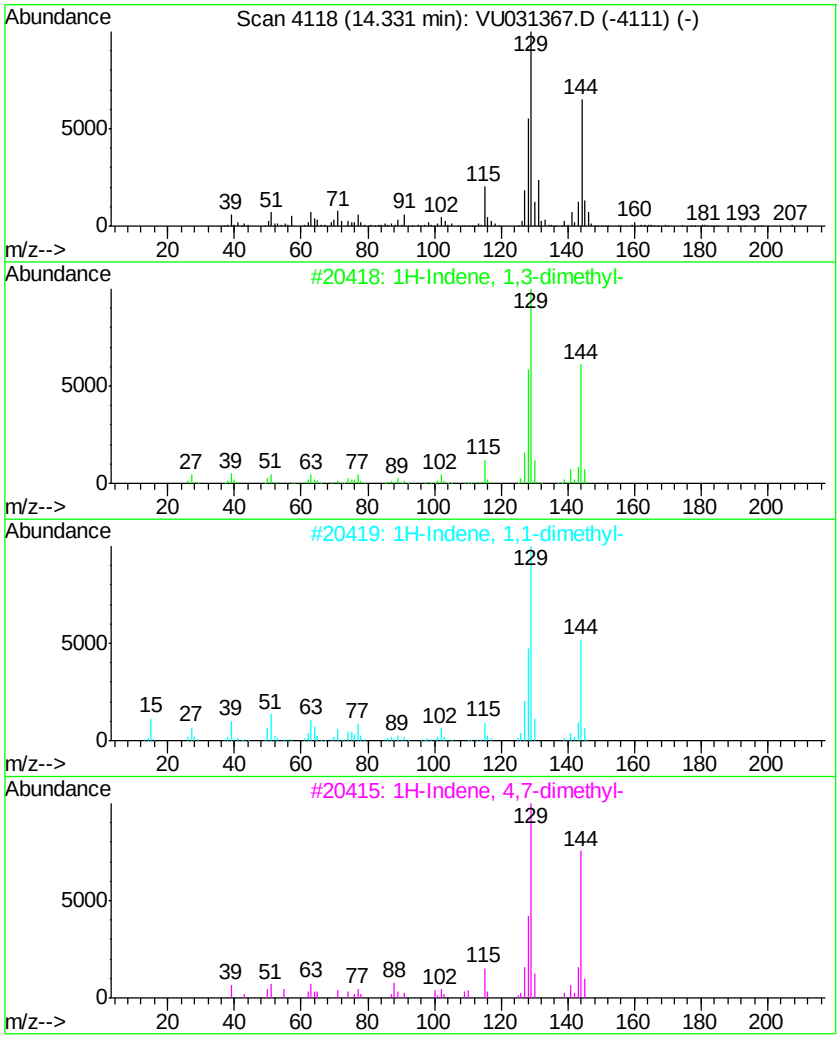
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

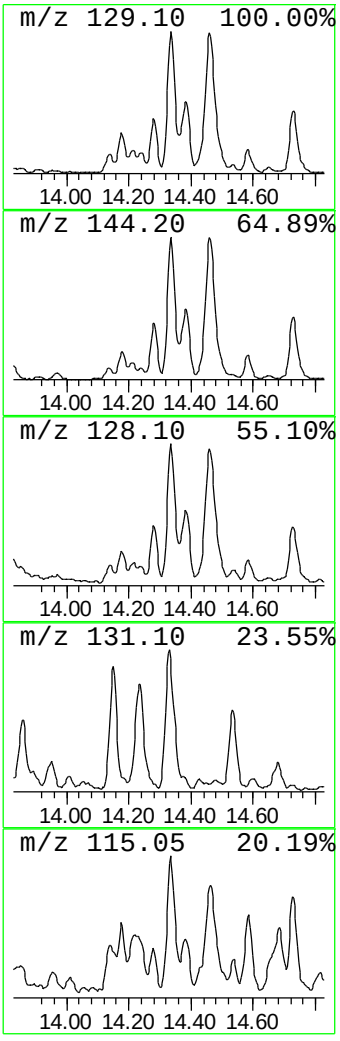
****

Peak Number 29 1H-Indene, 1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	30.28 ug/L	1010380	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	90
4	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	90
5	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

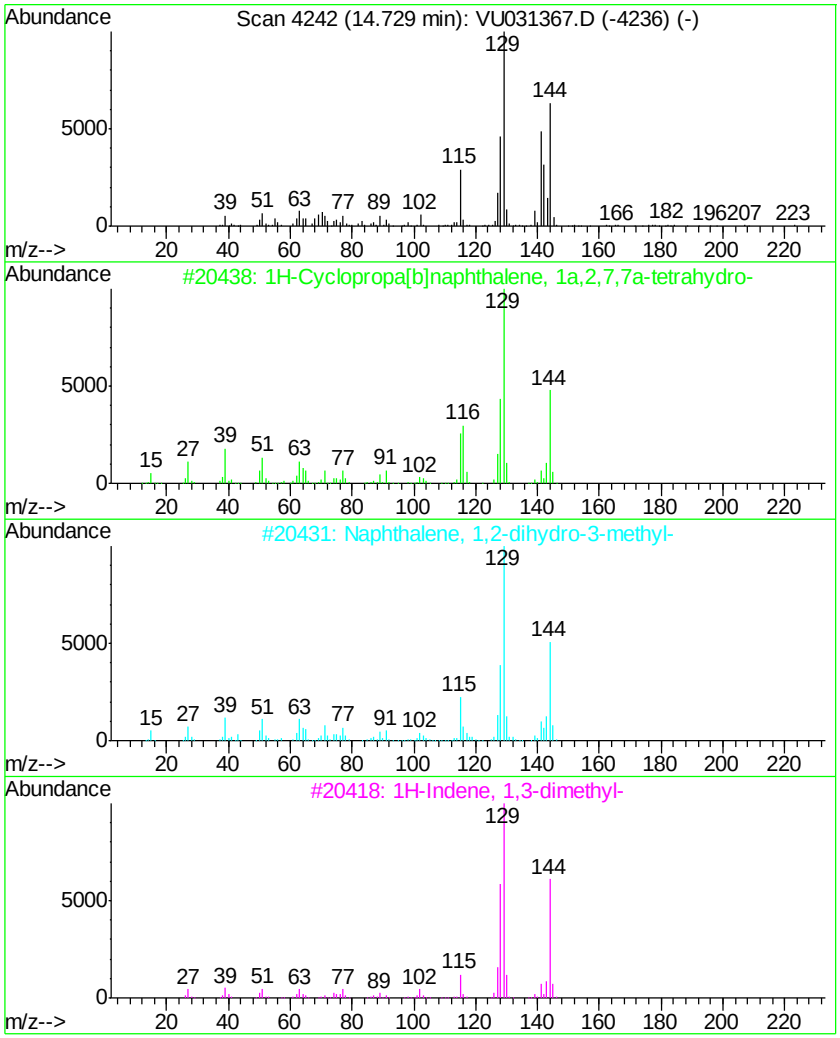
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

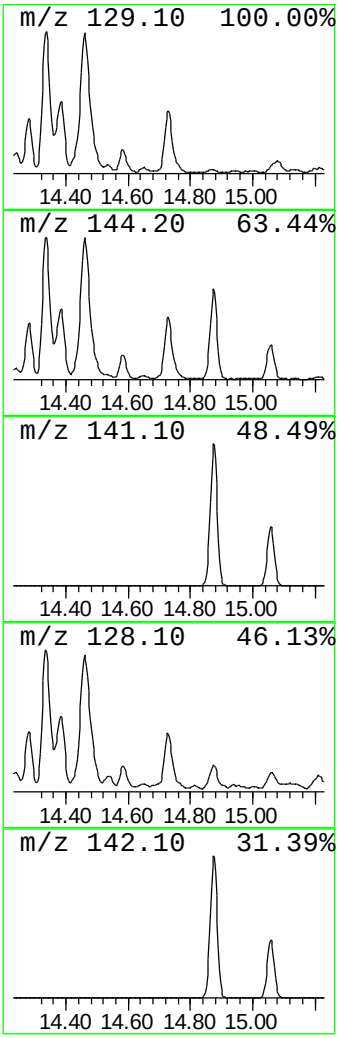
****

Peak Number 31 1H-Cyclopropa[b]naphthalene... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	15.35 ug/L	512204	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	76
2	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	76
3	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	58
4	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	52
5	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

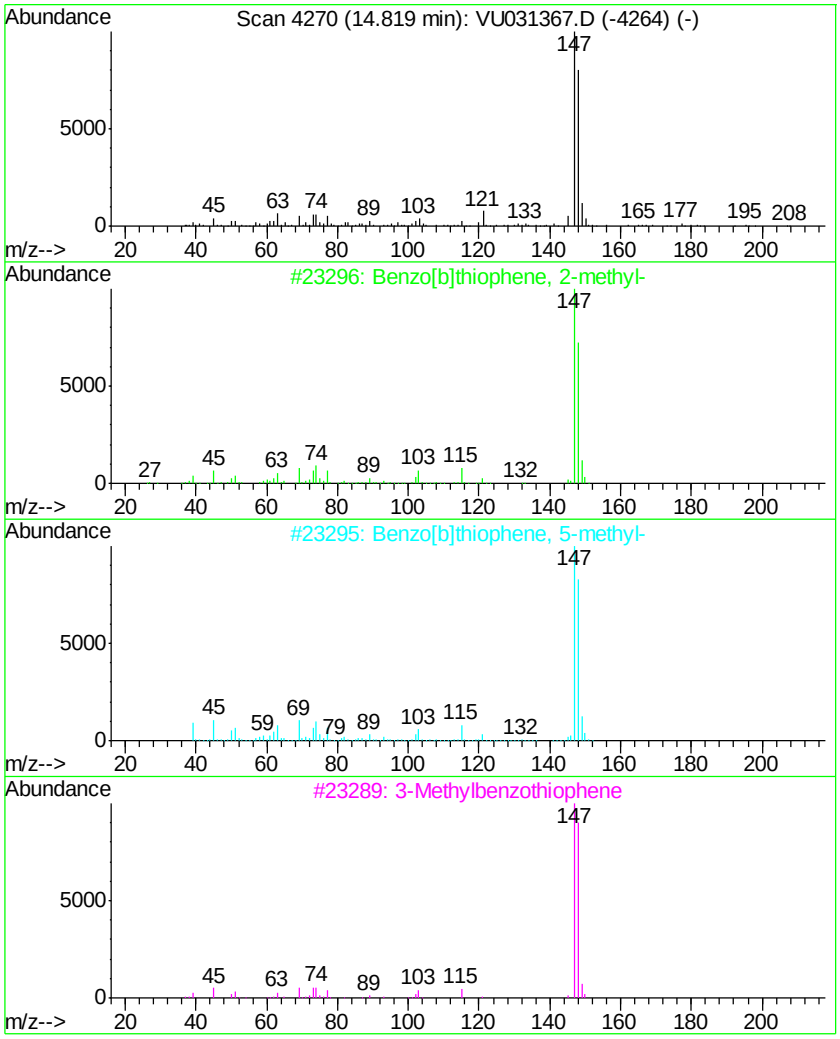
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

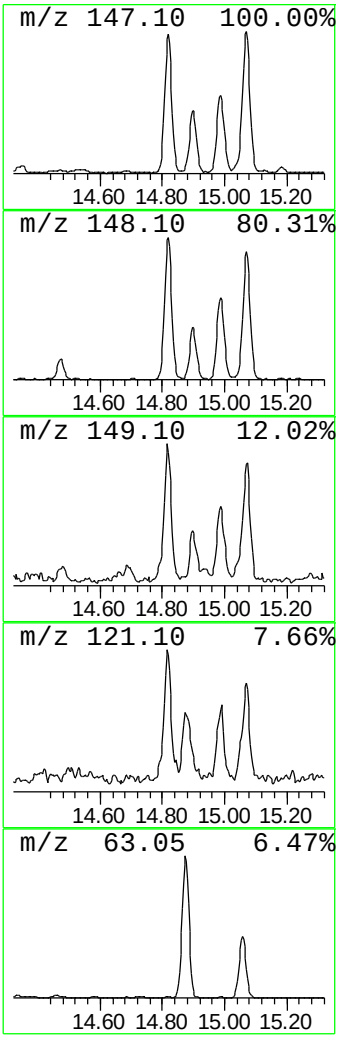
****

Peak Number 32 Benzo[b]thiophene, 2-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	5.48 ug/L	182907	1,4-Dichlorobenzene-d4	11.48

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	87
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	78





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

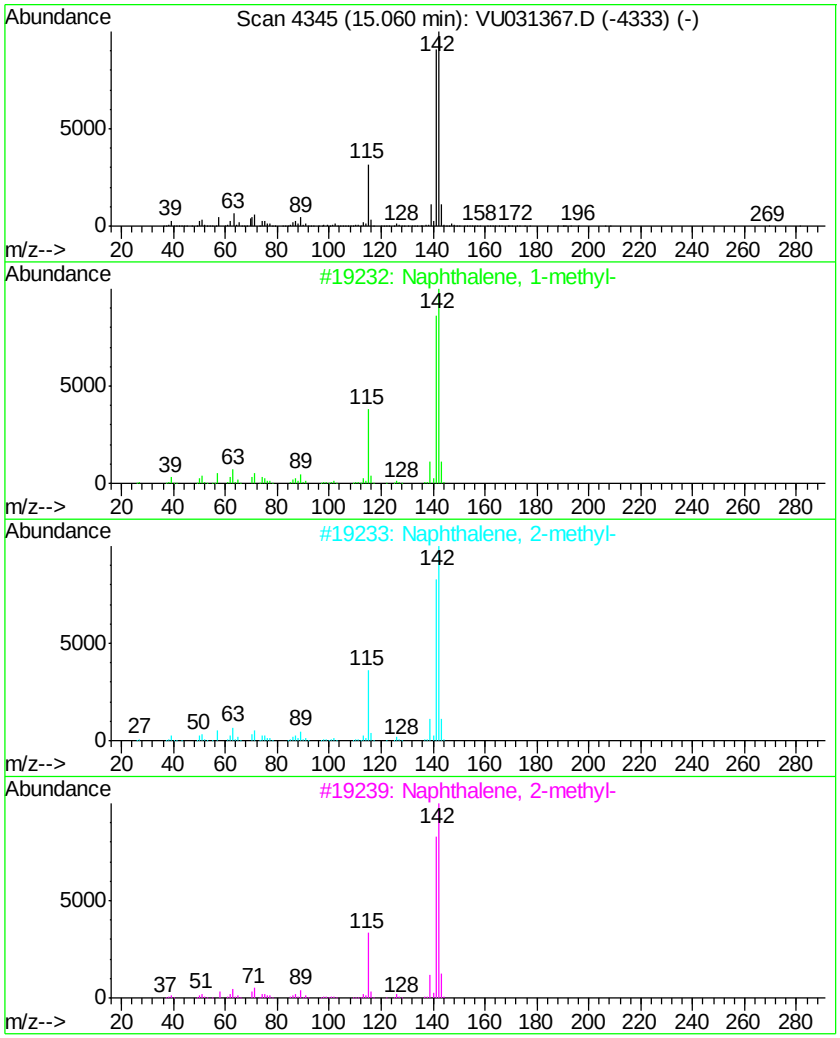
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

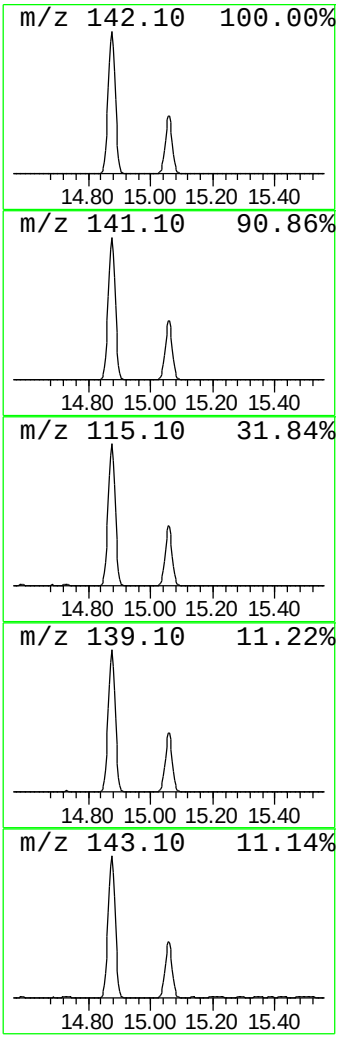
****

Peak Number 34 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	536.65 ug/L	17908100	1,4-Dichlorobenzene-d4	11.48

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

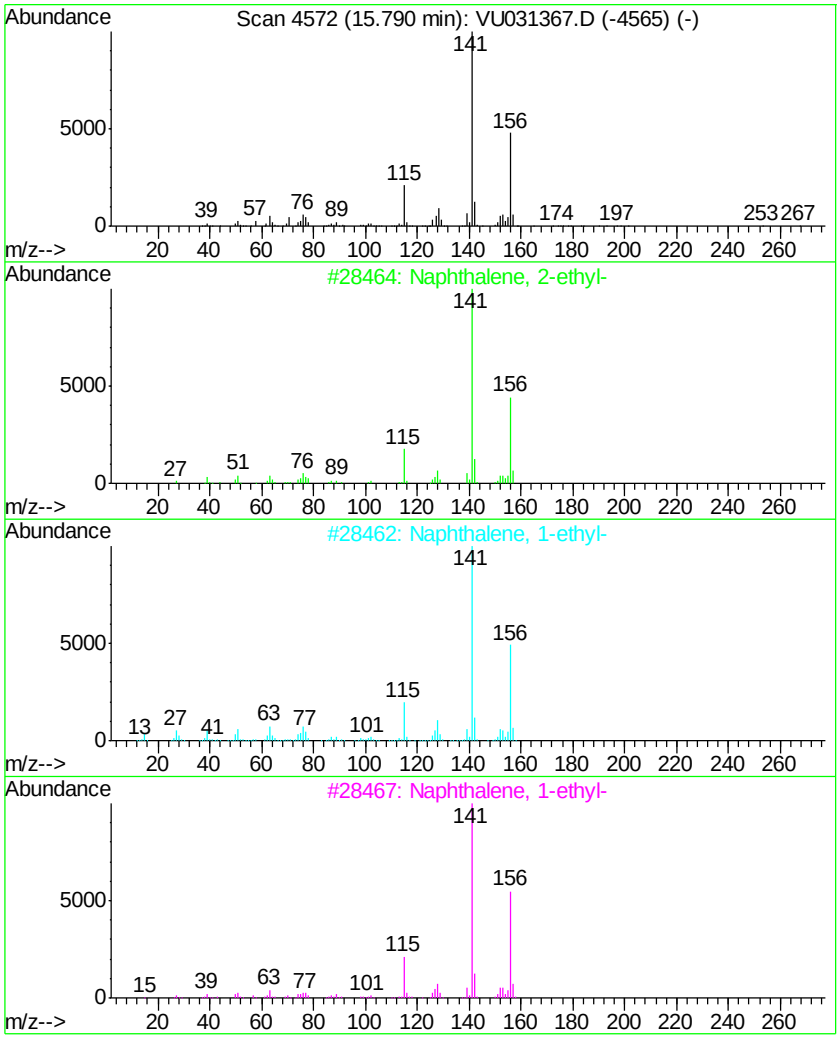
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

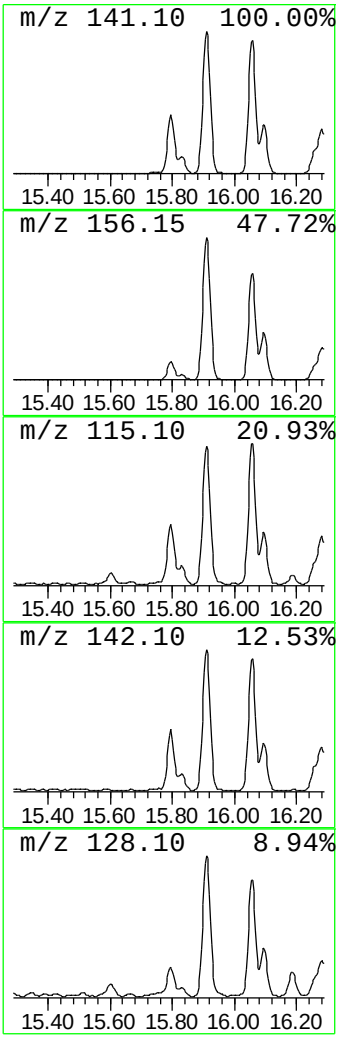
****

Peak Number 36 Naphthalene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	51.69 ug/L	1725030	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

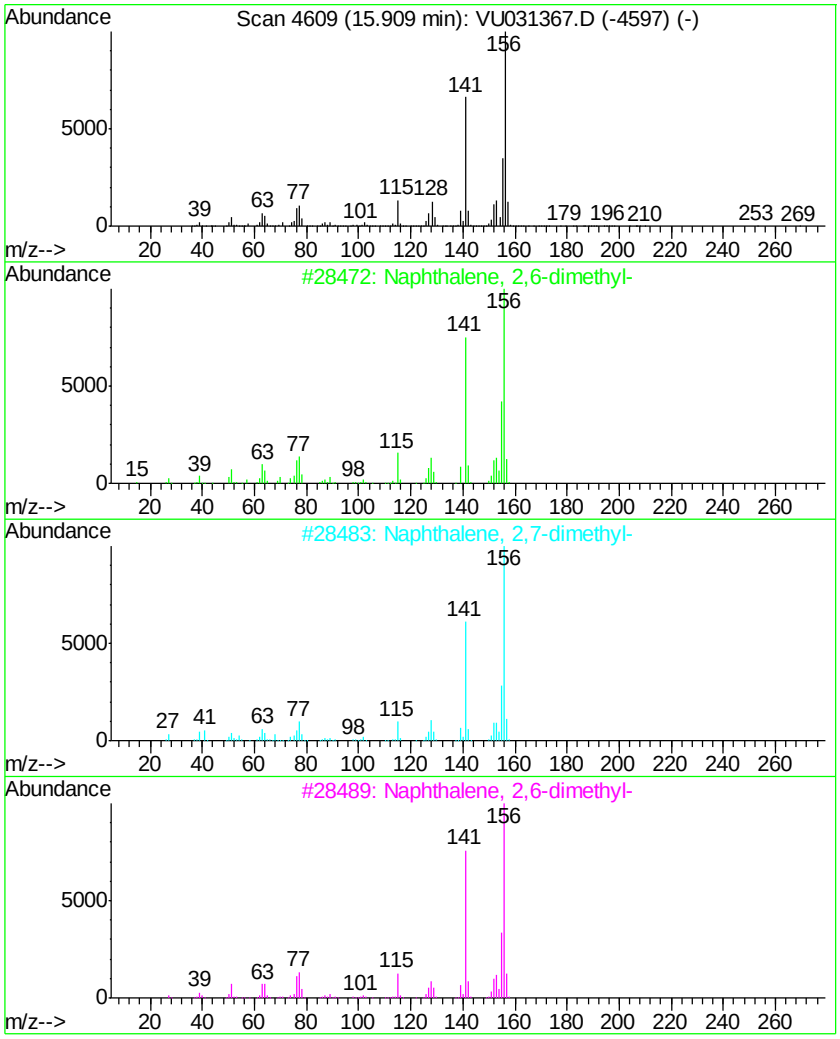
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

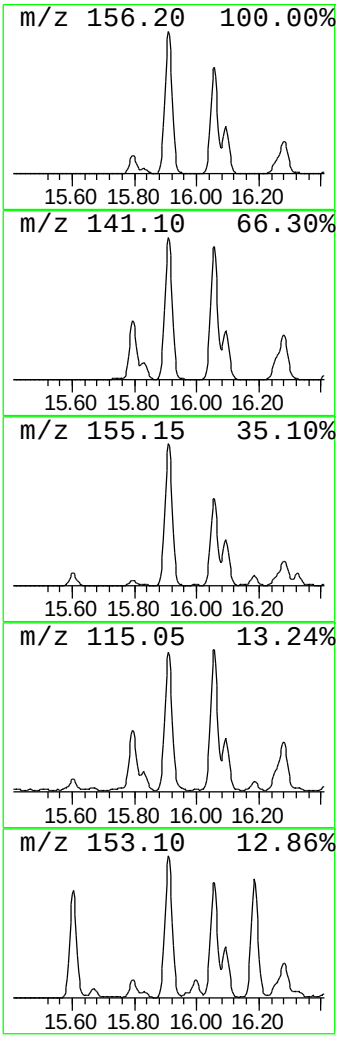
****

Peak Number 37 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	292.65 ug/L	9765850	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

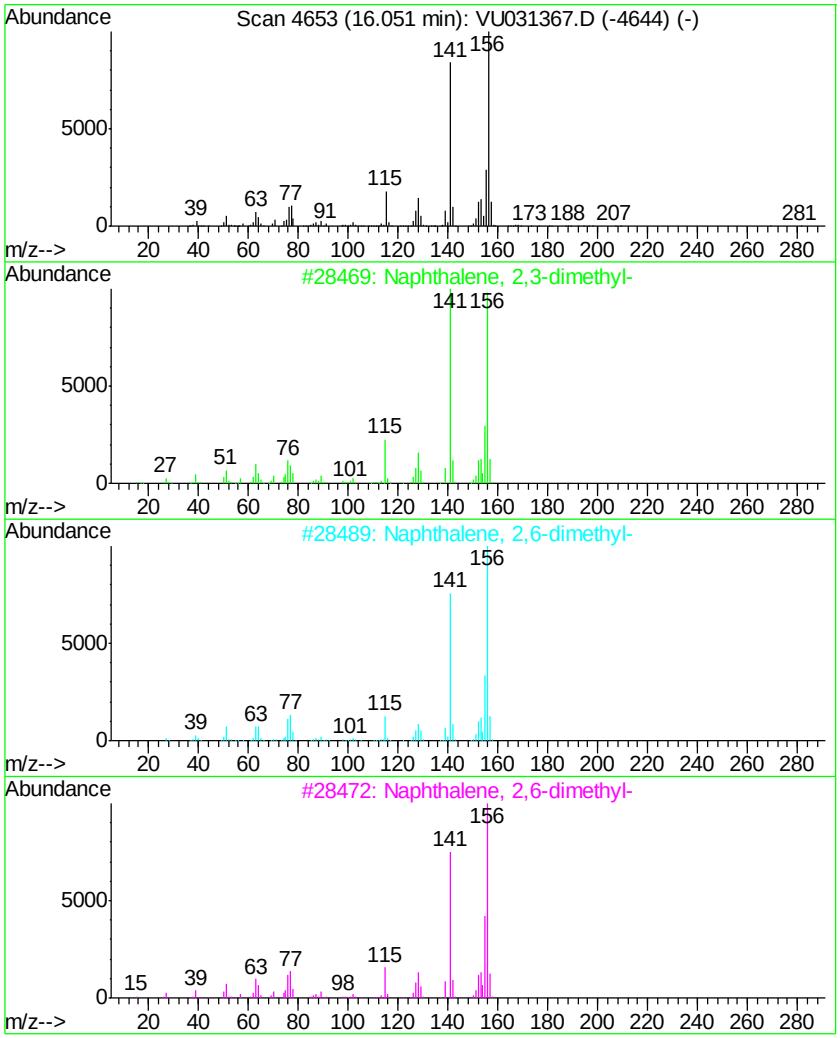
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

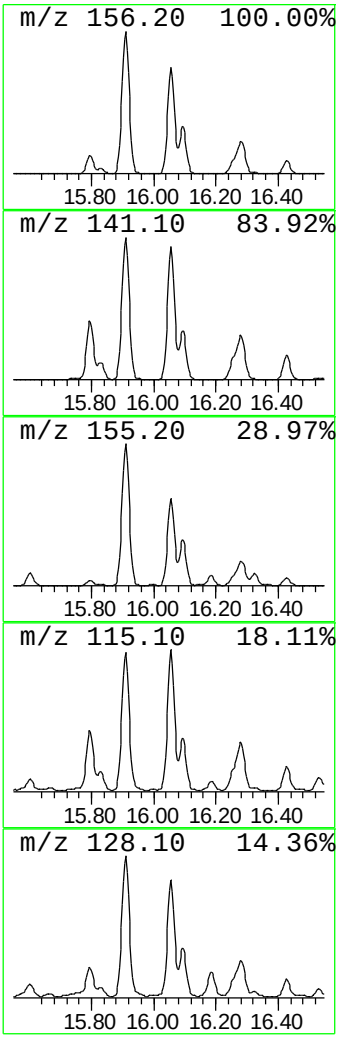
****

Peak Number 38 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	215.06 ug/L	7176550	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

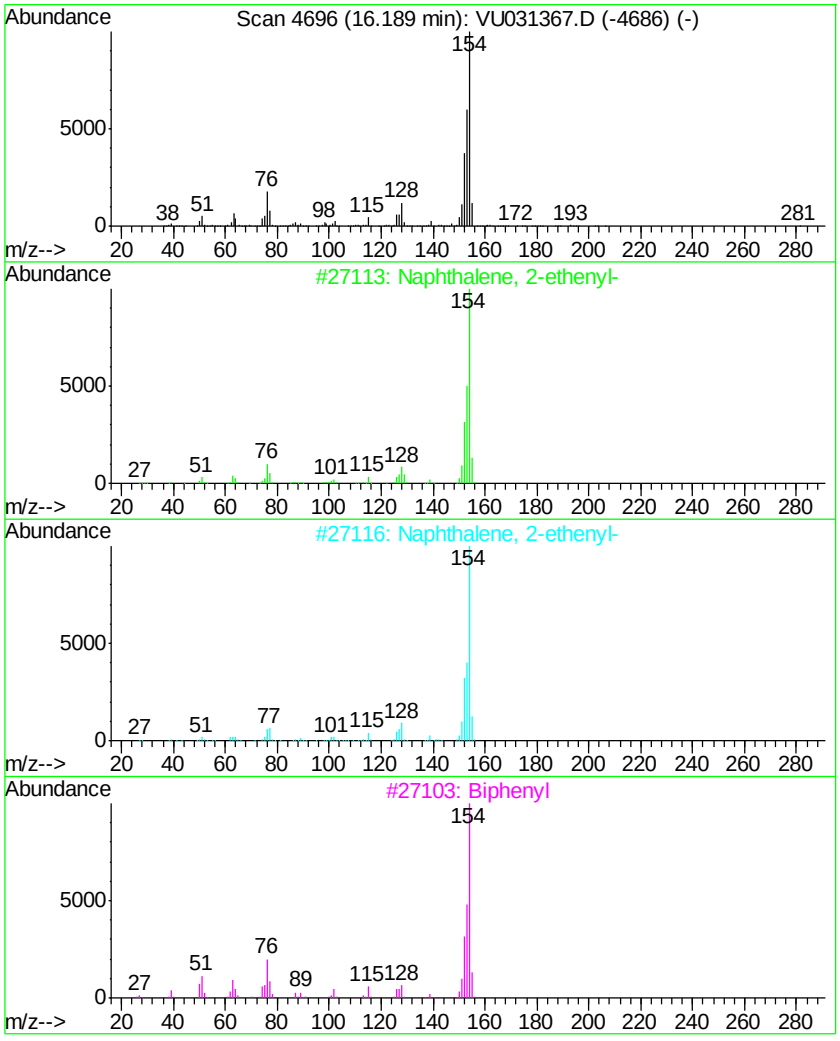
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

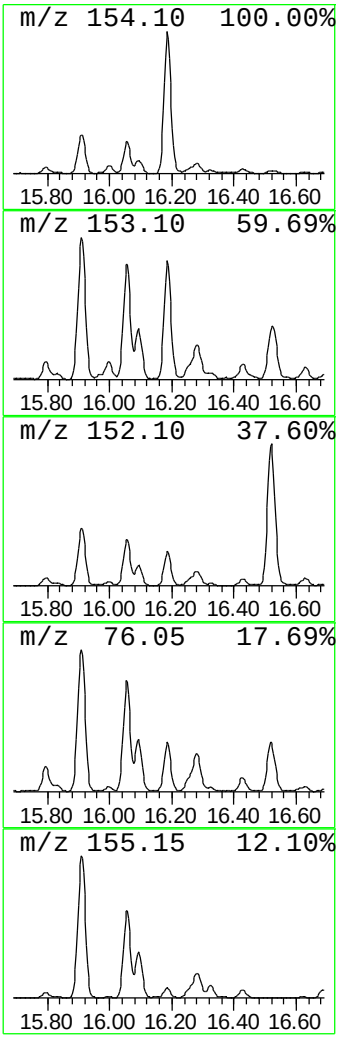
****

Peak Number 39 Naphthalene, 2-ethenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	43.07 ug/L	1437160	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	93
3	Biphenyl	154	C12H10	000092-52-4	93
4	Acenaphthene	154	C12H10	000083-32-9	81
5	Biphenyl	154	C12H10	000092-52-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

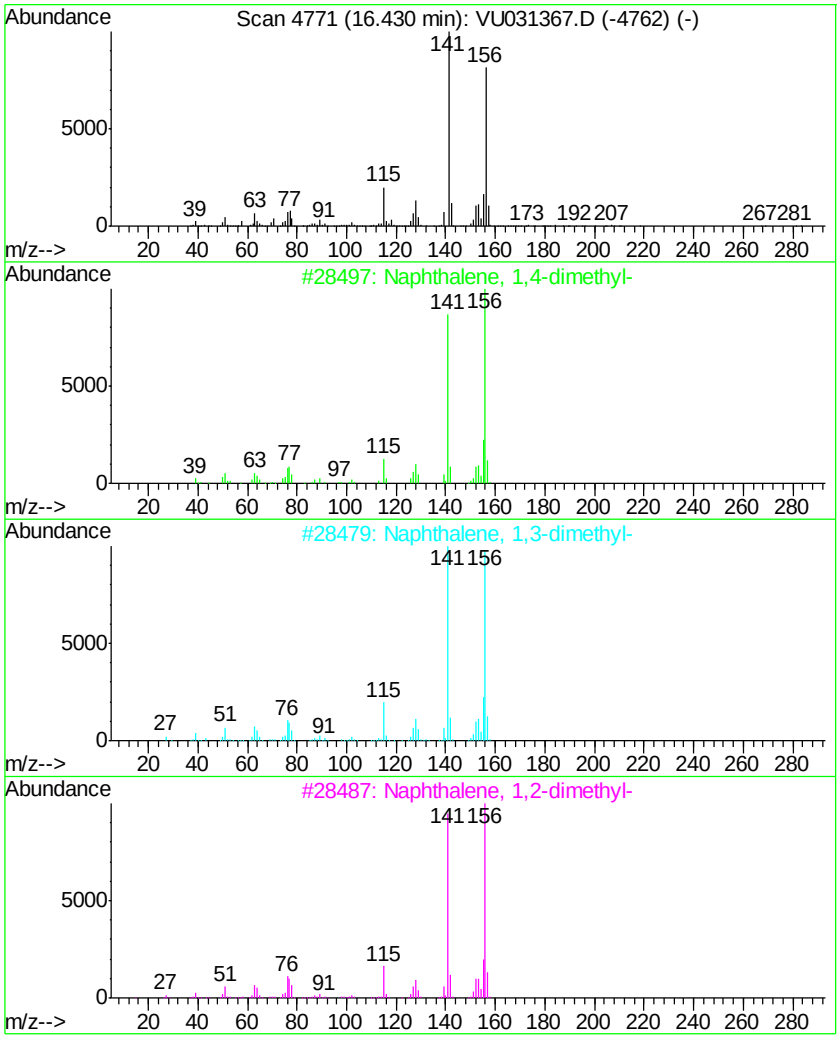
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

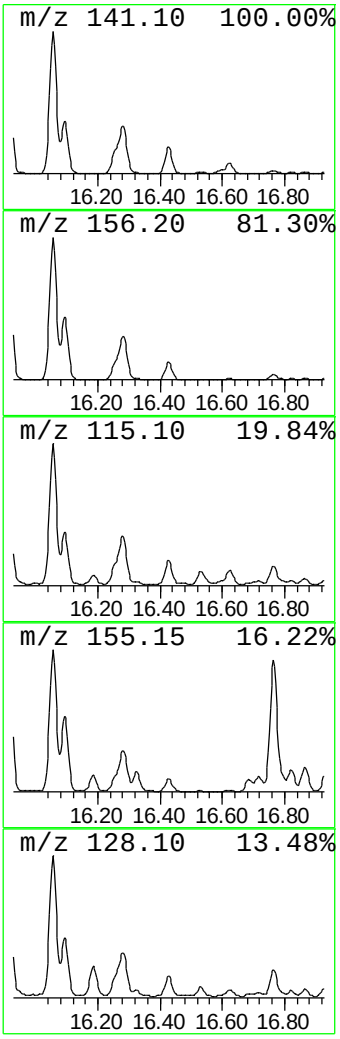
****

Peak Number 41 Naphthalene, 1,4-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	29.53 ug/L	985398	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
Data File : VU031367.D
Acq On : 19 Apr 2019 18:20
Operator : JC/SP
Sample : K2455-17ME 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHR7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.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	4.3	ug/L	141988	3	11.48	1668510	50.0
Benzene, 1-ethyl-...	10.68	34.6	ug/L	1153650	3	11.48	1668510	50.0
Benzene, 1,2,3-tr...	10.77	28.6	ug/L	952856	3	11.48	1668510	50.0
Benzene, 1-ethyl-...	10.97	8.3	ug/L	276179	3	11.48	1668510	50.0
Benzene, 1-etheny...	11.21	89.0	ug/L	2970730	3	11.48	1668510	50.0
Benzene, 1-etheny...	11.26	31.7	ug/L	1058920	3	11.48	1668510	50.0
Benzene, cyclopro...	11.62	10.7	ug/L	358007	3	11.48	1668510	50.0
Indane	11.76	16.8	ug/L	559933	3	11.48	1668510	50.0
Indene	11.98	204.2	ug/L	6814200	3	11.48	1668510	50.0
o-Cymene	12.14	5.0	ug/L	167248	3	11.48	1668510	50.0
Benzene, 1-methyl...	12.22	7.8	ug/L	258596	3	11.48	1668510	50.0
Benzene, 1-etheny...	12.30	11.3	ug/L	376377	3	11.48	1668510	50.0
2,4-Dimethylstyrene	12.42	36.3	ug/L	1212550	3	11.48	1668510	50.0
Benzene, 1,2,4,5-...	12.65	10.6	ug/L	353940	3	11.48	1668510	50.0
Benzene, 1-ethyl-...	12.70	30.6	ug/L	1019360	3	11.48	1668510	50.0
Benzene, 4-etheny...	12.82	26.7	ug/L	890971	3	11.48	1668510	50.0
Indan, 1-methyl-	12.96	8.1	ug/L	269836	3	11.48	1668510	50.0
2-Methylindene	13.18	111.8	ug/L	3729960	3	11.48	1668510	50.0
Cycloprop[a]inden...	13.38	20.7	ug/L	690300	3	11.48	1668510	50.0
unknown-01	13.50	4.4	ug/L	145399	3	11.48	1668510	50.0
(DEL) Alkane: Str...	14.14	15.7	ug/L	523225	3	11.48	1668510	50.0
1H-Indene, 1,3-di...	14.33	30.3	ug/L	1010380	3	11.48	1668510	50.0
1H-Cyclopropa[b]n...	14.73	15.4	ug/L	512204	3	11.48	1668510	50.0
Benzo[b]thiophene...	14.82	5.5	ug/L	182907	3	11.48	1668510	50.0
Naphthalene, 1-me...	15.06	536.6	ug/L	17908100	3	11.48	1668510	50.0
Naphthalene, 2-et...	15.79	51.7	ug/L	1725030	3	11.48	1668510	50.0
Naphthalene, 2,6-...	15.91	292.6	ug/L	9765850	3	11.48	1668510	50.0
Naphthalene, 2,3-...	16.05	215.1	ug/L	7176550	3	11.48	1668510	50.0
Naphthalene, 2-et...	16.19	43.1	ug/L	1437160	3	11.48	1668510	50.0
Naphthalene, 1,4-...	16.43	29.5	ug/L	985398	3	11.48	1668510	50.0