LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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	23	28	35	rBV2	14333	14017	0.01%	0.003%
2	1.396	88	95	106	rVB	256125	281204	0.21%	0.055%
3	1.679	176	183	194	rBV	216933	273394	0.21%	0.053%
4	2.267	356	366	379	rVB	470218	717741	0.54%	0.139%
5	2.624	474	477	480	rBV3	966	710	0.00%	0.000%
6	2.788	524	528	530	rBV	821	719	0.00%	0.000%
7	2.814	534	536	540	rVV2	1052	804	0.00%	0.000%
8	2.836	540	543	549	rVB5	1595	1612	0.00%	0.000%
9	2.981	585	588	592	rVB3	1221	837	0.00%	0.000%
10	3.167	640	646	650	rVB3	1178	1084	0.00%	0.000%
11	3.219	657	662	668	rBV4	870	1037	0.00%	0.000%
12	3.601	774	781	784	rBV2	1119	1305	0.00%	0.000%
13	3.968	889	895	897	rBV	911	839	0.00%	0.000%
14	4.193	951	965	1002	rBV	155733	500494	0.38%	0.097%
15	4.476	1050	1053	1057	rBV3	1120	889	0.00%	0.000%
16	4.643	1087	1105	1126	rBV	306473	709446	0.53%	0.138%
17	4.788	1147	1150	1156	rVB6	1539	1483	0.00%	0.000%
18	5.334	1297	1320	1349	rBV2	641061	1921035	1.45%	0.372%
19	5.601	1399	1403	1407	rBV5	816	761	0.00%	0.000%
20	5.701	1432	1434	1439	rVB3	1173	762	0.00%	0.000%
21	5.881	1475	1490	1530	rBV	636097	1316195	0.99%	0.255%
22	6.035	1536	1538	1541	rVB2	1562	921	0.00%	0.000%
23	6.177	1573	1582	1597	rVB2	4011	9676	0.01%	0.002%
24	6.267	1605	1610	1612	rVB5	1139	949	0.00%	0.000%
25	6.325	1613	1628	1655	rBV	382118	793864	0.60%	0.154%
26	6.553	1695	1699	1703	rBV2	835	798	0.00%	0.000%
27	6.932	1811	1817	1820	rBV	790	862	0.00%	0.000%
28	7.116	1869	1874	1878	rBV4	787	758	0.00%	0.000%
29	7.225	1894	1908	1933	rBV2	219376	411377	0.31%	0.080%
30	7.563	1999	2013	2028	rBV	911217	1646891	1.24%	0.319%
31	7.849	2091	2102	2128	rVV	174698	331596	0.25%	0.064%
32	8.055	2161	2166	2169	rVV5	1315	1122	0.00%	0.000%
33	8.083	2172	2175	2177	rBV2	1507	834	0.00%	0.000%
34	8.174	2198	2203	2206	rBV3	1477	1234	0.00%	0.000%

LSC Area Percent Report

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Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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	8.193	2206	2209	2213	rVV3	1111	724	0.00%	0.000%
36	8.315	2236	2247	2289	rBV	569742	1150844	0.87%	0.223%
37	8.704	2365	2368	2371	rVB4	1171	710	0.00%	0.000%
38	8.807	2398	2400	2403	rBV3	1223	739	0.00%	0.000%
39	8.964	2446	2449	2452	rBV3	1333	845	0.00%	0.000%
40	9.087	2474	2487	2519	rBV	886457	1562093	1.18%	0.303%
41	9.247	2526	2537	2557	rVB	238228	412683	0.31%	0.080%
42	9.370	2562	2575	2607	rBV	2491107	4273177	3.22%	0.828%
43	9.585	2640	2642	2645	rBV4	1254	779	0.00%	0.000%
44	9.627	2649	2655	2672	rVB3	9541	19384	0.01%	0.004%
45	9.781	2689	2703	2736	rBV4	2580856	5167091	3.89%	1.002%
46	10.164	2814	2822	2831	rBV2	21568	36056	0.03%	0.007%
47	10.305	2859	2866	2870	rBV8	6312	9645	0.01%	0.002%
48	10.431	2893	2905	2919	rBV	558883	898712	0.68%	0.174%
49	10.505	2920	2928	2942	rVB2	119284	195707	0.15%	0.038%
50	10.585	2943	2953	2965	rBV	169073	272868	0.21%	0.053%
51	10.678	2970	2982	2998	rBV	1148276	2500117	1.88%	0.485%
52	10.768	2999	3010	3020	rBV	1636020	2547993	1.92%	0.494%
53	10.971	3062	3073	3076	rBV	426838	655461	0.49%	0.127%
54	11.144	3108	3127	3138	rBV	5444876	8685098	6.54%	1.684%
55	11.212	3138	3148	3157	rVV	6090249	9145099	6.89%	1.773%
56	11.260	3157	3163	3177	rVB	1907548	2894377	2.18%	0.561%
57	11.479	3222	3231	3242	rBV	1047048	1624620	1.22%	0.315%
58	11.566	3250	3258	3268	rVV	1716728	2564976	1.93%	0.497%
59	11.624	3268	3276	3291	rVB	637399	1001888	0.75%	0.194%
60	11.762	3308	3319	3328	rBV2	962865	1706764	1.29%	0.331%
61	11.861	3340	3350	3364	rVB5	1274652	2630425	1.98%	0.510%
62	11.977	3375	3386	3396	rBV	10541977	16783363	12.64%	3.254%
63	12.144	3429	3438	3441	rBV2	422957	594395	0.45%	0.115%
64	12.218	3454	3461	3465	rBV	617186	871287	0.66%	0.169%
65	12.299	3478	3486	3497	rVB	713801	1300124	0.98%	0.252%
66	12.421	3516	3524	3535	rVB	2720762	4204455	3.17%	0.815%
67	12.482	3535	3543	3556	rVB2	647826	991217	0.75%	0.192%
68	12.646	3587	3594	3602	rVB	887555	1274698	0.96%	0.247%
69	12.701	3602	3611	3624	rBV2	1915692	3729497	2.81%	0.723%
70	12.820	3640	3648	3673	rVB2	1972804	3728588	2.81%	0.723%
71	12.958	3684	3691	3704	rVB	640130	954580	0.72%	0.185%

LSC Area Percent Report

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Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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	13.083	3723	3730	3732	rBV2	280554	332944	0.25%	0.065%
73	13.119	3733	3741	3751	rVV3	3149804	5049020	3.80%	0.979%
74	13.180	3752	3760	3773	rVB	4458855	6825122	5.14%	1.323%
75	13.289	3782	3794	3810	rVV	7467597	12334462	9.29%	2.391%
76	13.379	3813	3822	3838	rVB4	608031	1515723	1.14%	0.294%
77	13.749	3923	3937	3950	rBV2	49371760	89207662	67.17%	17.294%
78	13.858	3965	3971	3986	rVB	703090	1200920	0.90%	0.233%
79	14.138	4051	4058	4065	rBV2	739662	1117500	0.84%	0.217%
80	14.337	4110	4120	4128	rBV2	1009551	1855629	1.40%	0.360%
81	14.463	4152	4159	4175	rVB2	843031	1722980	1.30%	0.334%
82	14.585	4191	4197	4211	rVB2	333555	571291	0.43%	0.111%
83	14.730	4236	4242	4258	rVB3	490803	881260	0.66%	0.171%
84	14.820	4262	4270	4276	rVV	666575	1005722	0.76%	0.195%
85	14.887	4276	4291	4314	rVB2	73172096	132816200	100.00%	25.748%
86	15.067	4333	4347	4379	rVB2	44588054	72563104	54.63%	14.067%
87	15.604	4503	4514	4524	rBV	4150084	6345487	4.78%	1.230%
88	15.797	4565	4574	4581	rBV	3640393	5493135	4.14%	1.065%
89	15.913	4597	4610	4632	rBV	17085062	28869060	21.74%	5.597%
90	16.057	4644	4655	4662	rBV	13666243	21766891	16.39%	4.220%
91	16.096	4663	4667	4683	rVB	6914000	8916586	6.71%	1.729%
92	16.186	4685	4695	4707	rVB	2225442	3511806	2.64%	0.681%
93	16.282	4708	4725	4747	rVB	3114556	7605096	5.73%	1.474%
94	16.427	4760	4770	4787	rBV	1407071	2252464	1.70%	0.437%
95	16.520	4788	4799	4818	rVB	3715371	6474384	4.87%	1.255%
96	16.627	4826	4832	4843	rVB3	327653	525398	0.40%	0.102%
97	16.733	4857	4865	4871	rBV	427707	697965	0.53%	0.135%
98	17.019	4947	4954	4980	rVB3	216462	507238	0.38%	0.098%
99	17.163	4991	4999	5009	rVB3	204886	332409	0.25%	0.064%
100	17.225	5012	5018	5030	rVB	126708	186991	0.14%	0.036%

Sum of corrected areas: 515822778

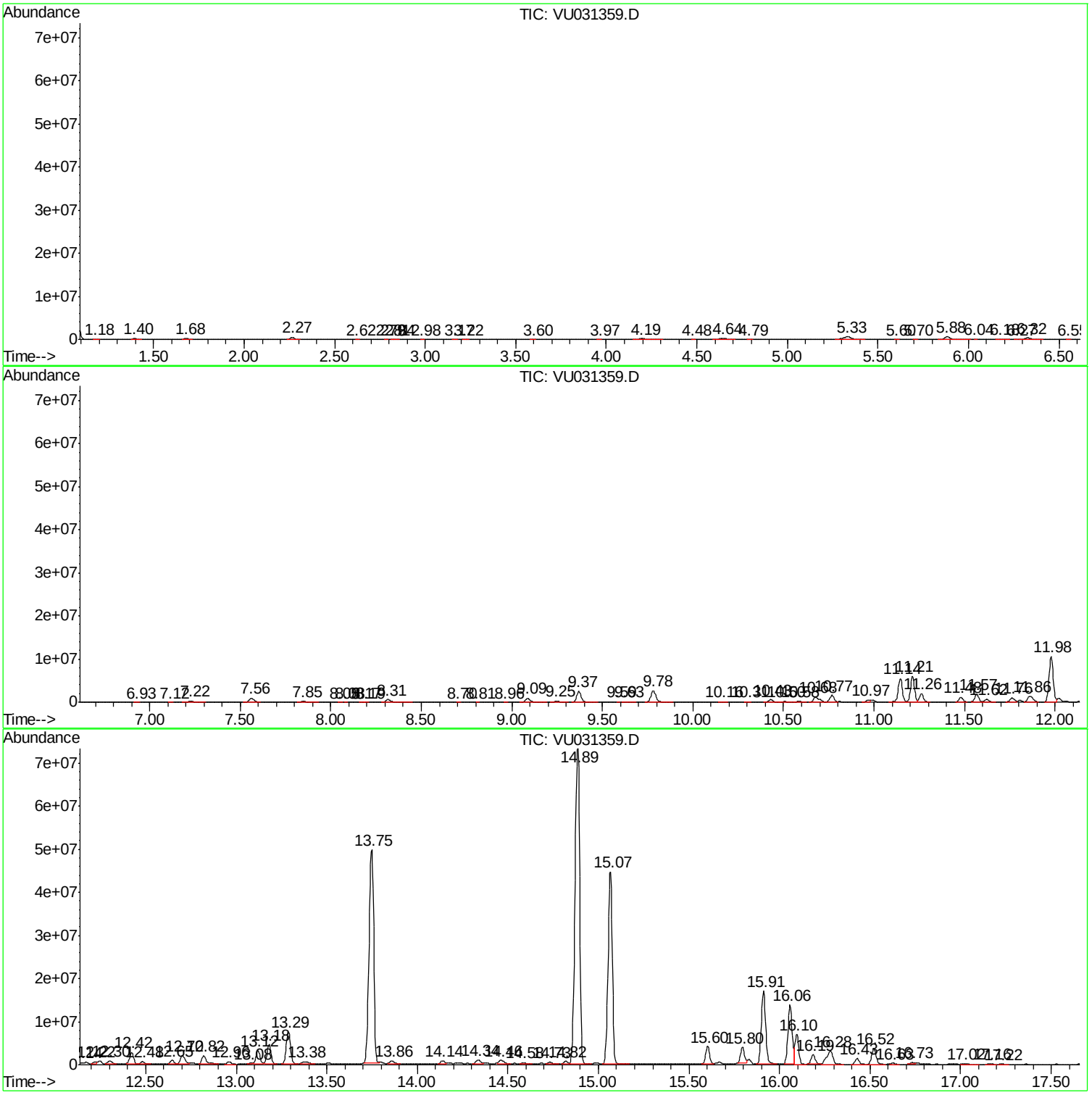
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

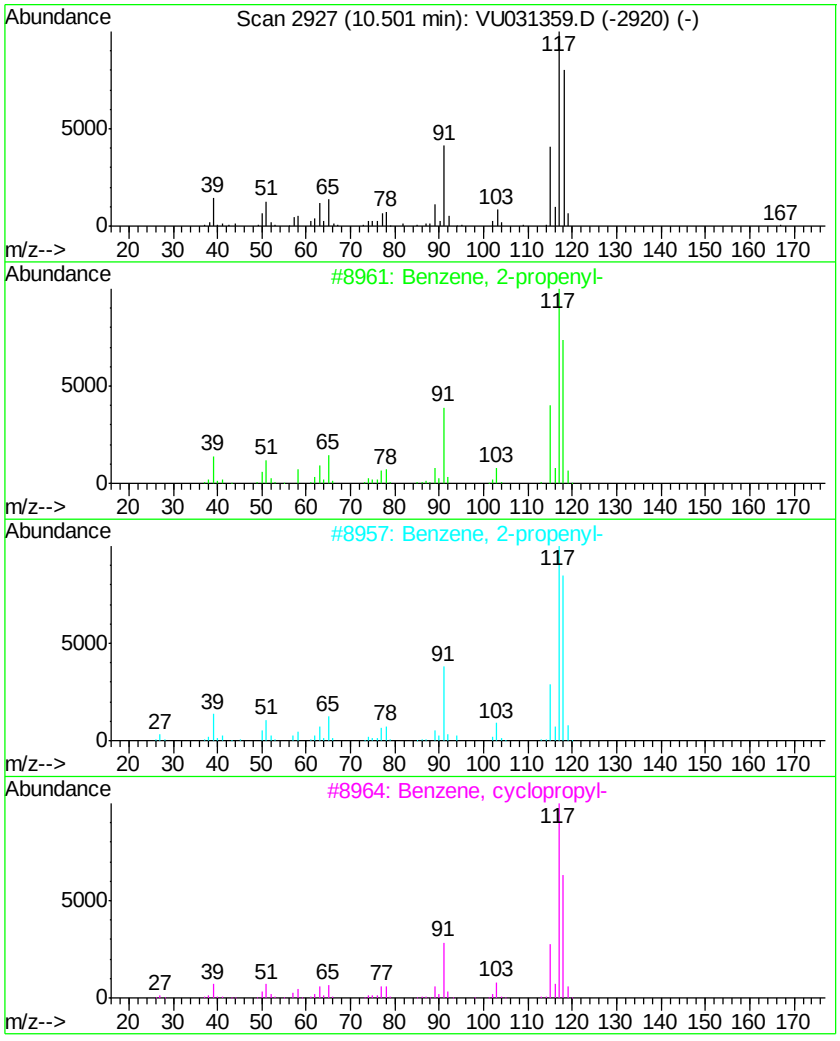
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

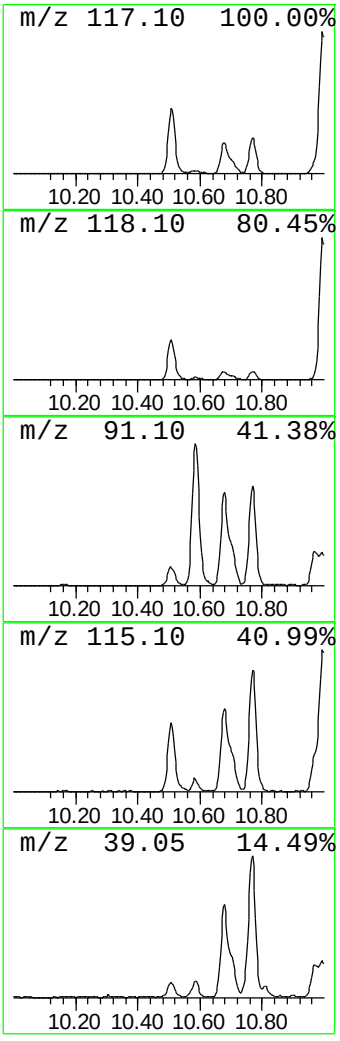
****

Peak Number 2 Benzene, 2-propenyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	6.02 ug/L	195707	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	96
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

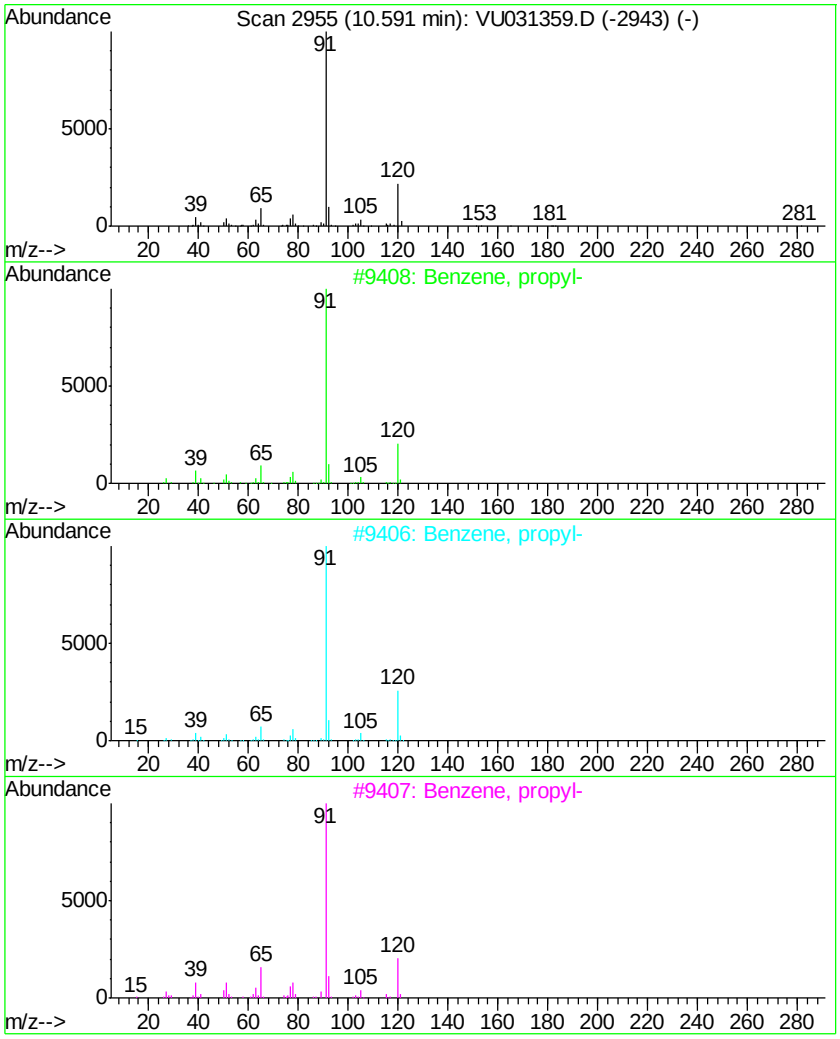
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

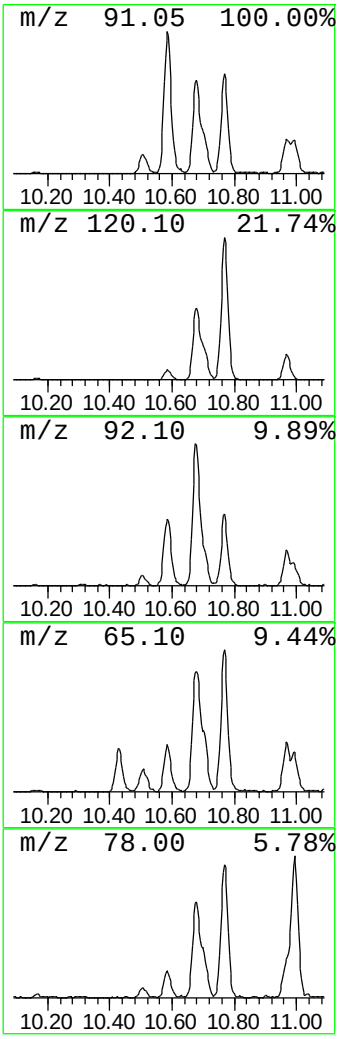
****

Peak Number 3 Benzene, propyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	8.40 ug/L	272868	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	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

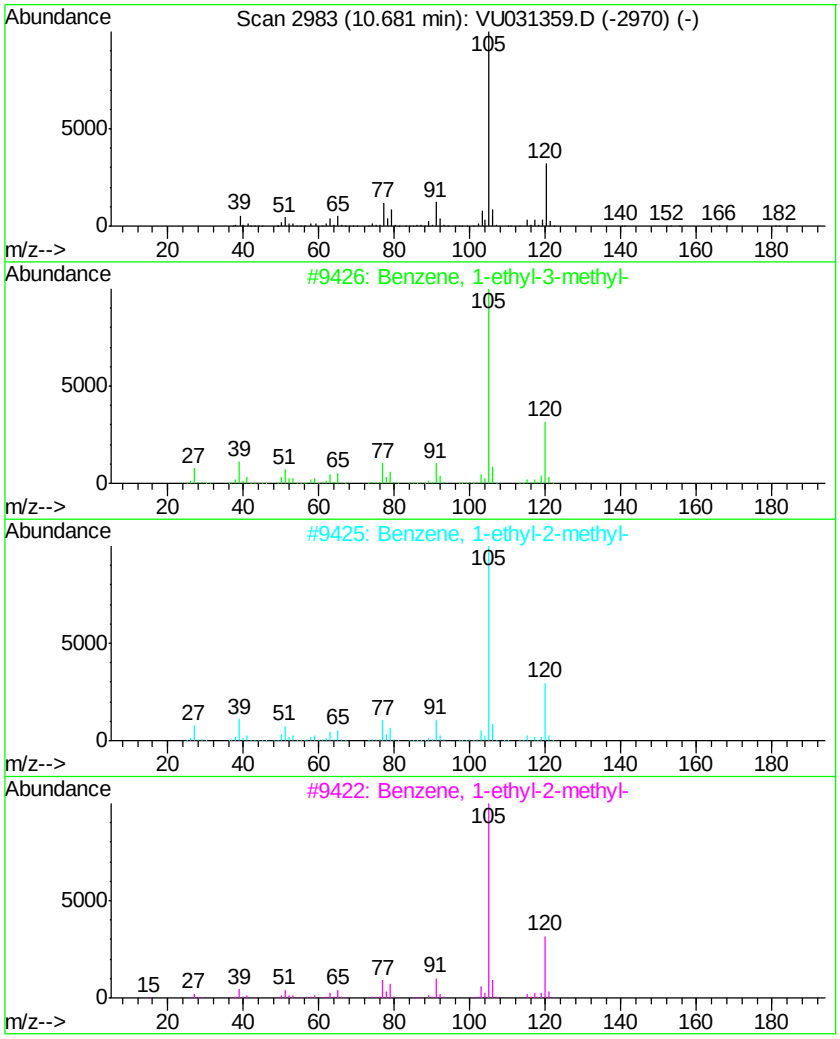
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

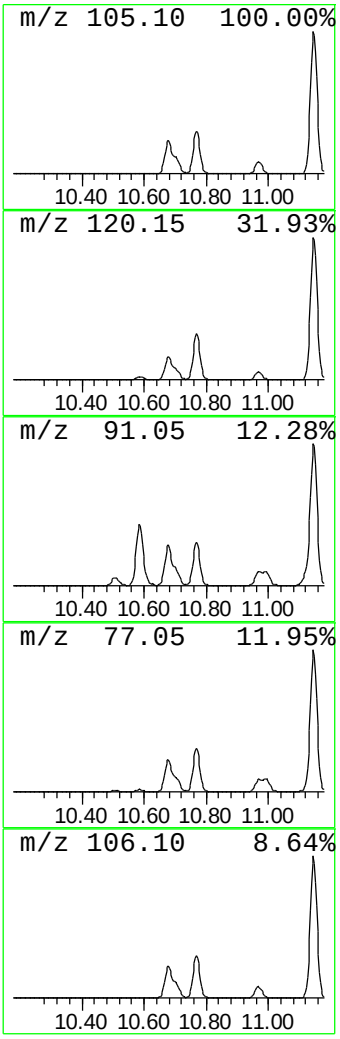
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	76.94 ug/L	2500120	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	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-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

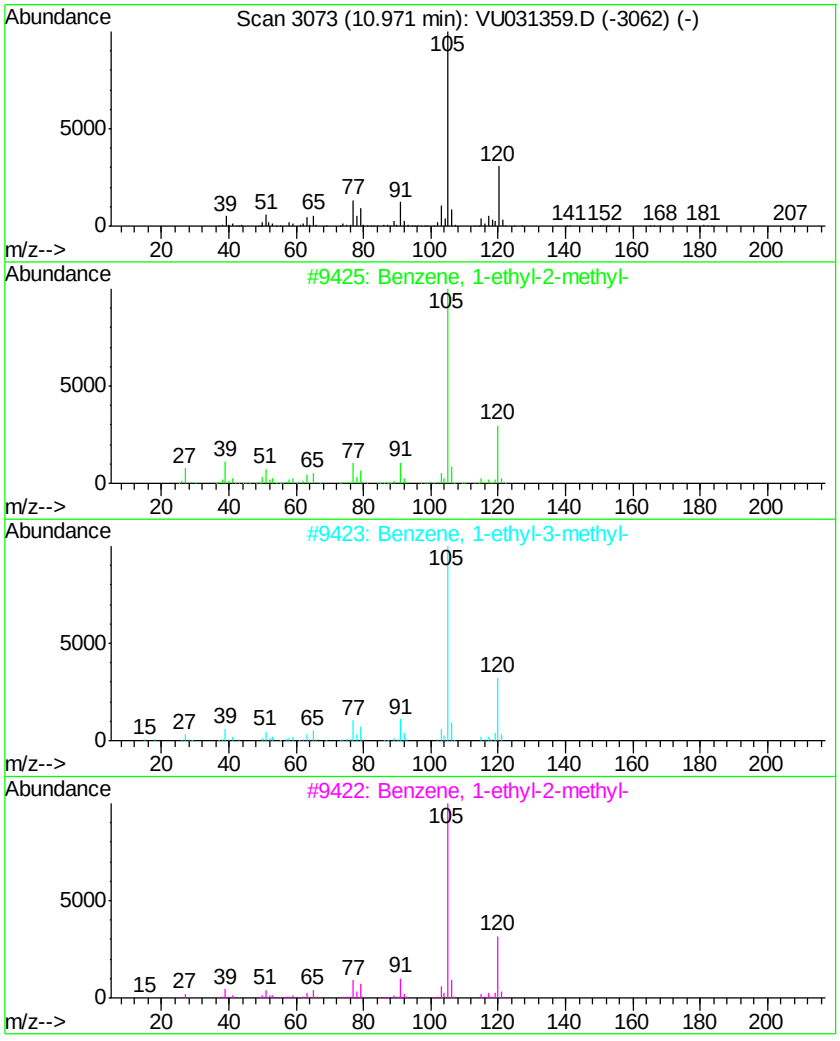
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

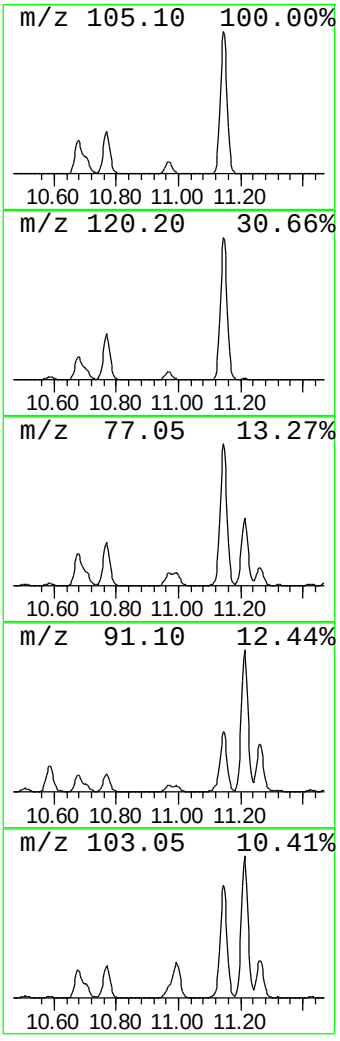
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	20.17 ug/L	655461	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	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

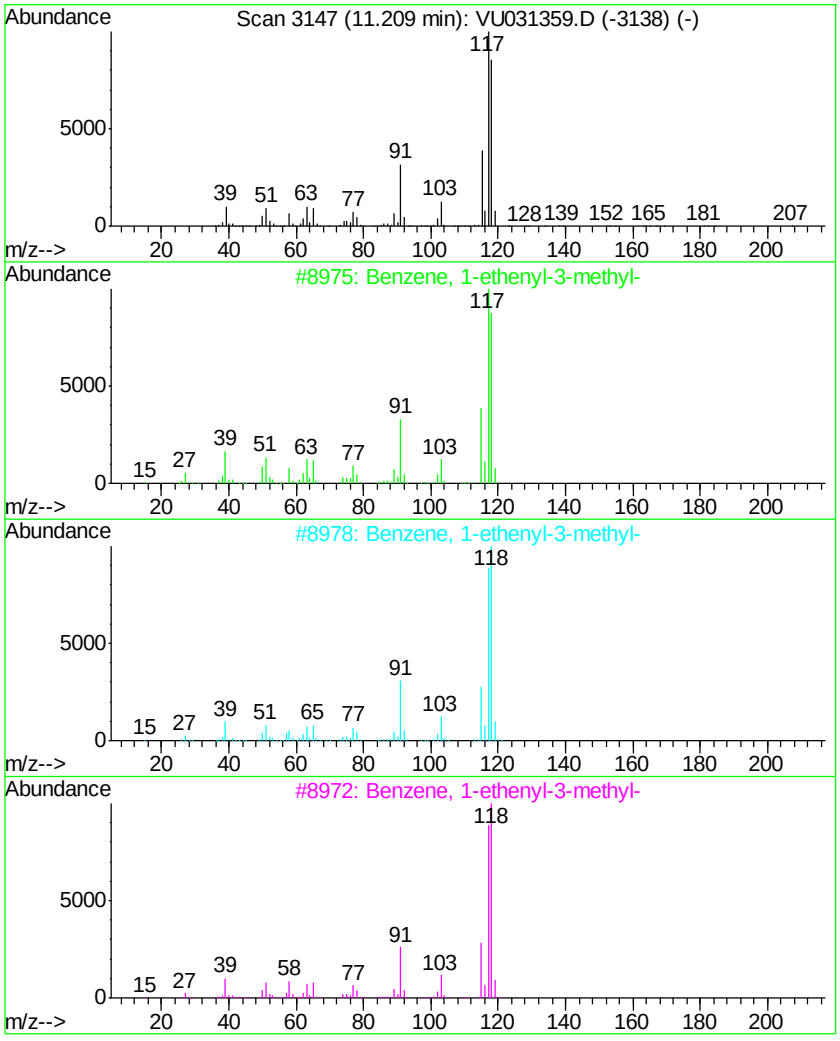
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

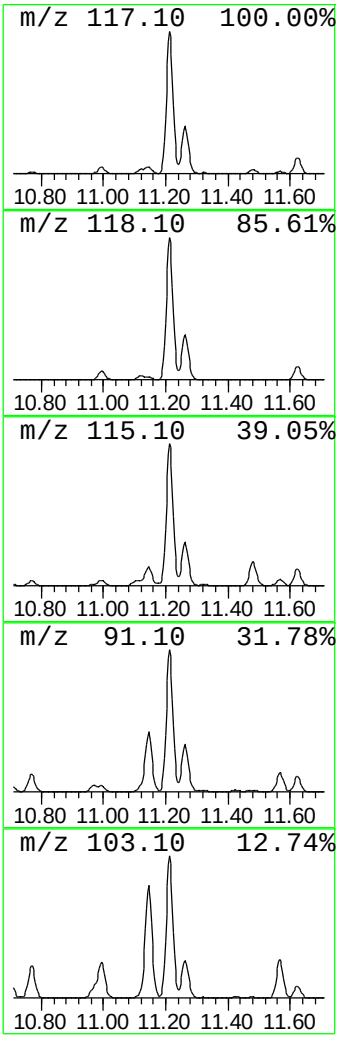
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethenyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	281.45 ug/L	9145100	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-3-methyl-	118	C9H10	000100-80-1	96
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

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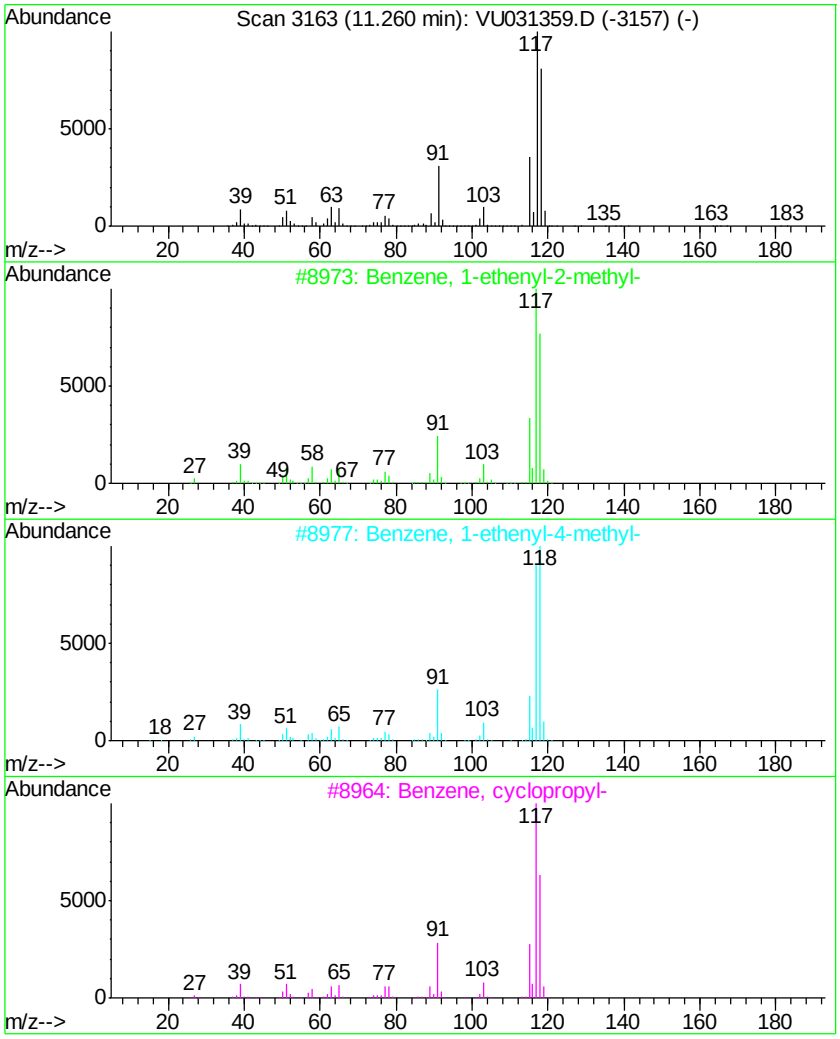
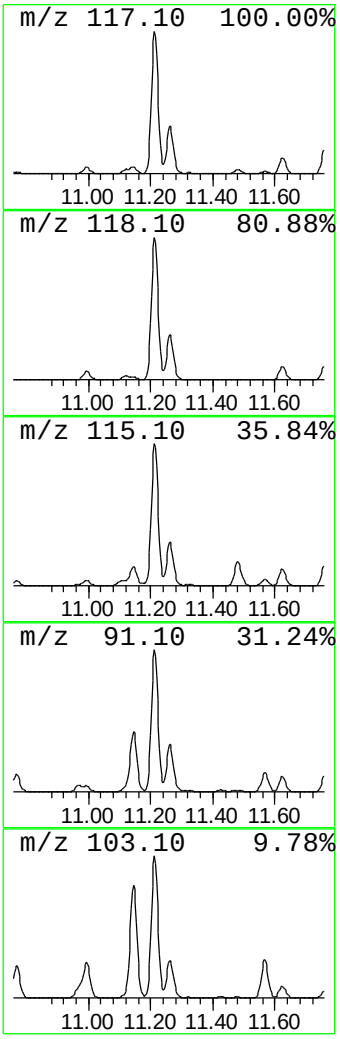
Peak Number 9 Benzene, 1-ethenyl-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	89.08 ug/L	2894380	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	91





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

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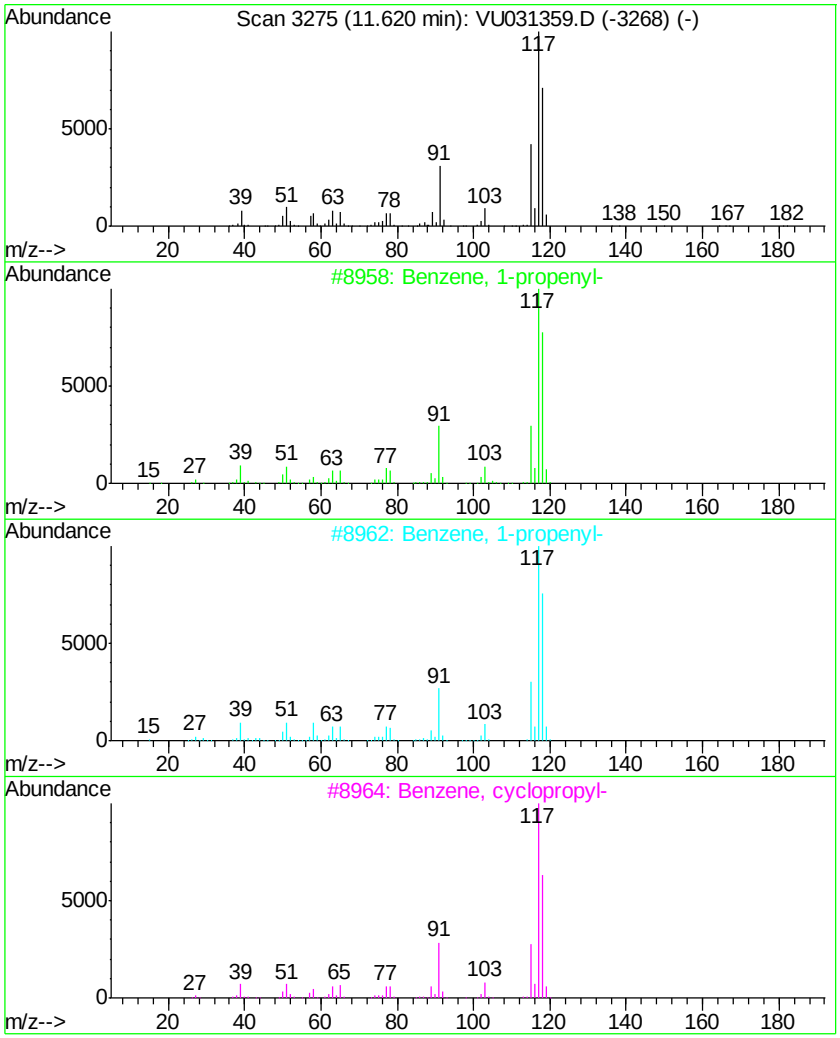
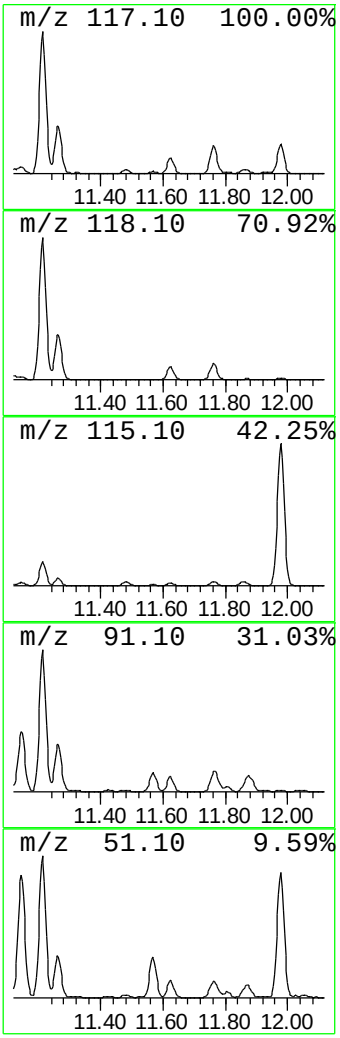
Peak Number 11 Benzene, 1-propenyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	30.83 ug/L	1001890	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	89





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Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

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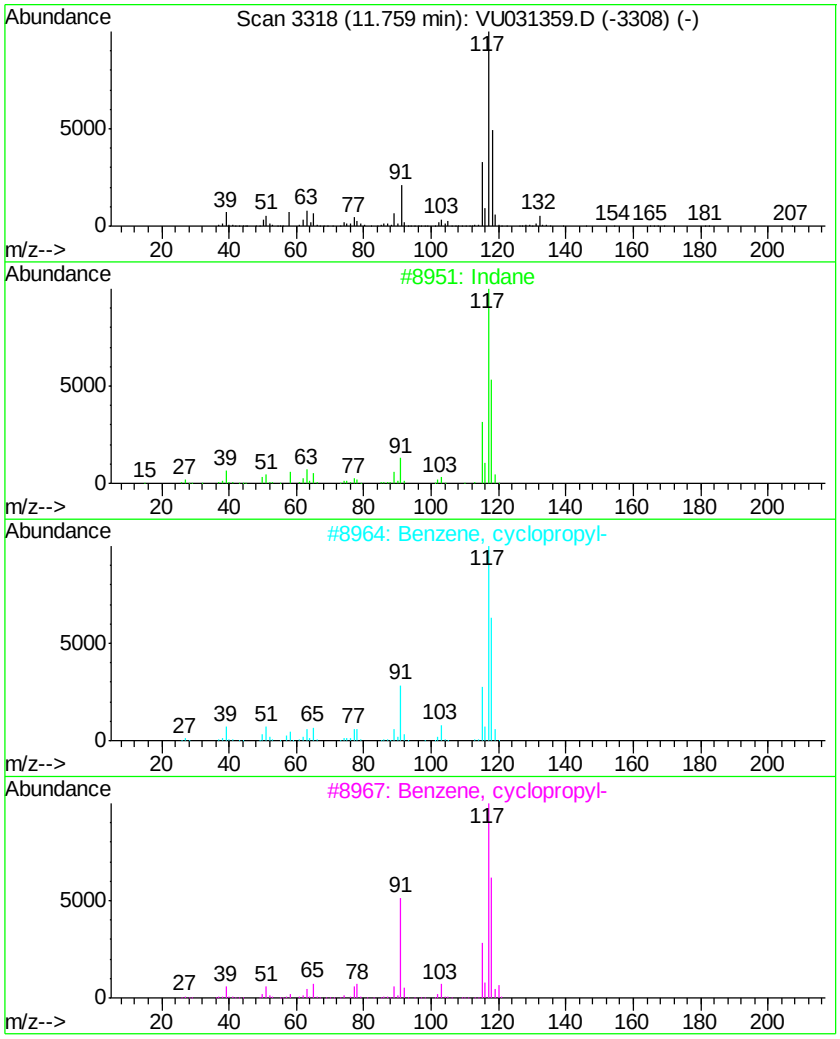
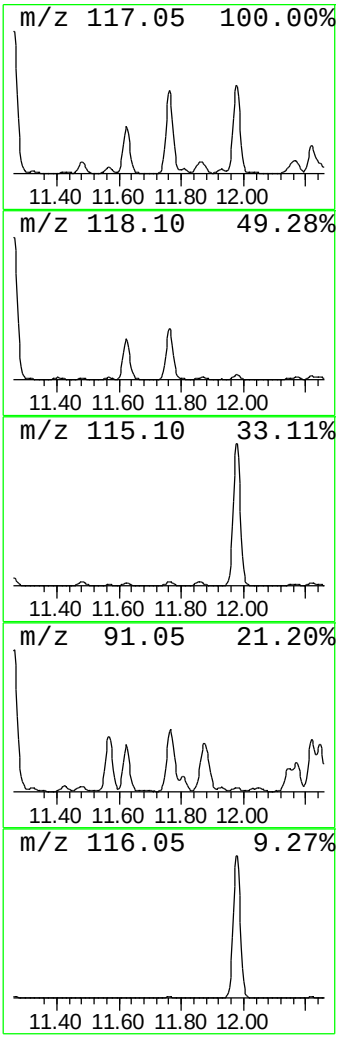
Peak Number 12 Indane Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	52.53 ug/L	1706760	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Deltacyclene	118	C9H10	007785-10-6	68
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	68





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Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

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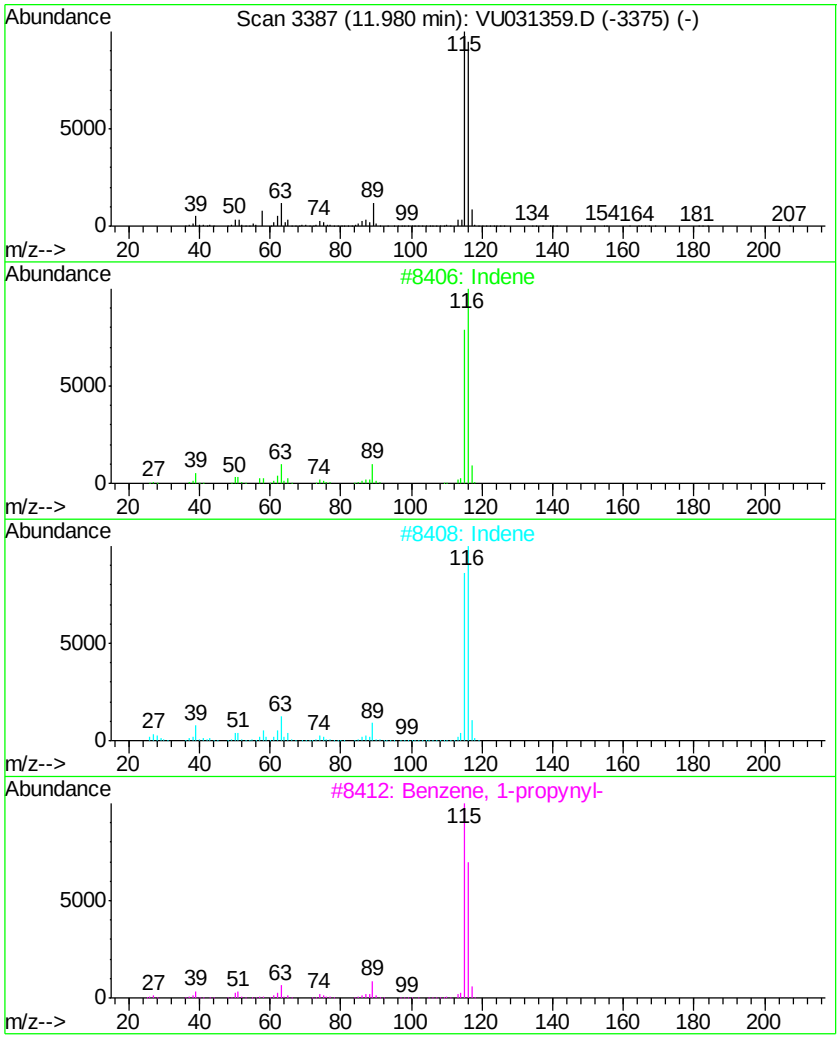
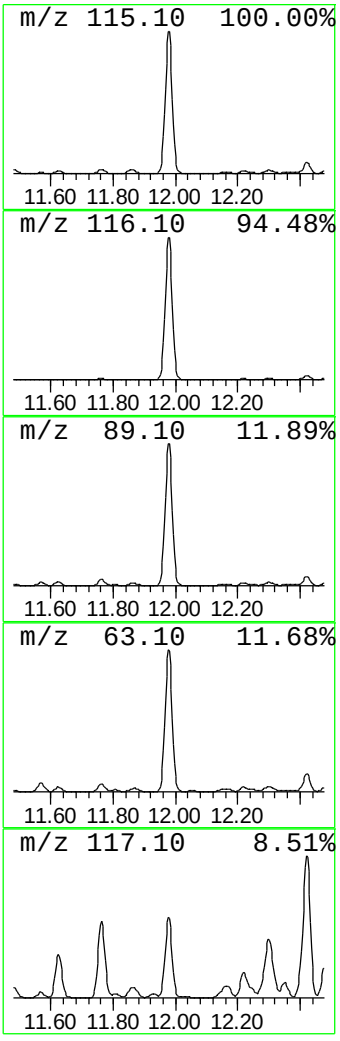
Peak Number 13 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	516.53 ug/L	16783400	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	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
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Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

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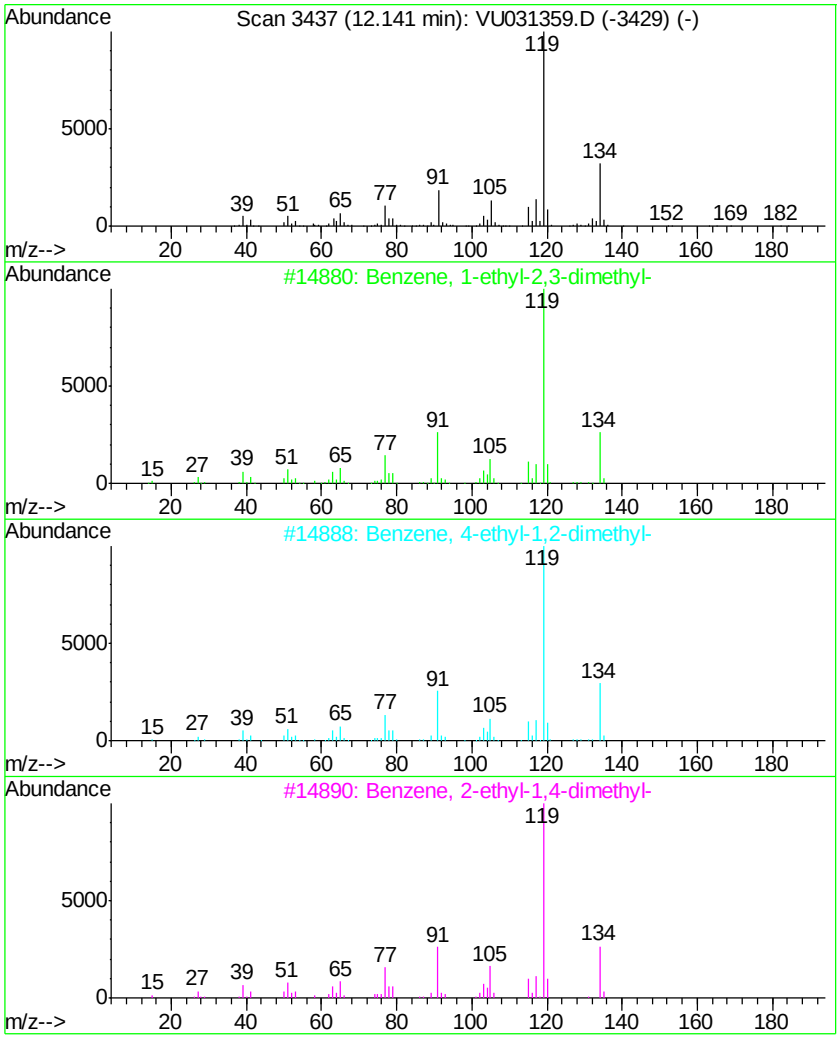
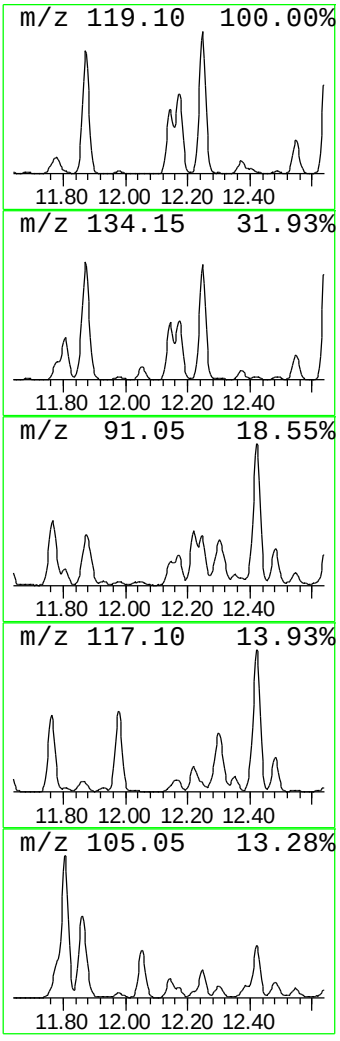
Peak Number 14 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	18.29 ug/L	594395	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	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	o-Cymene	134	C10H14	000527-84-4	93





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Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

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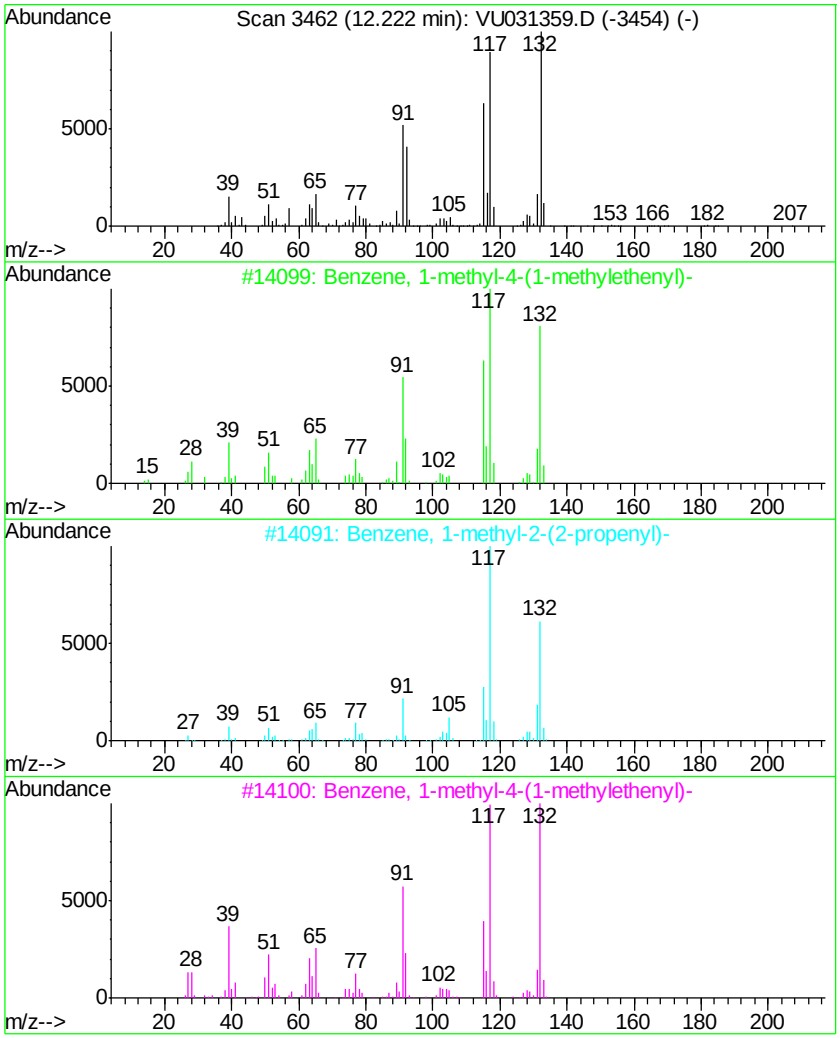
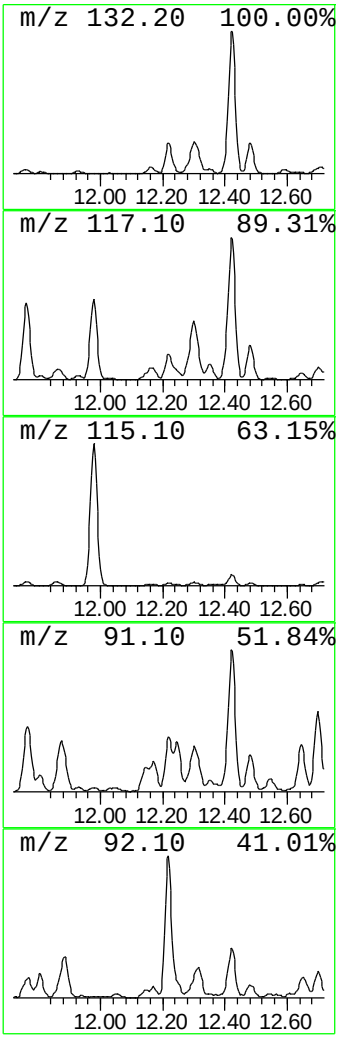
Peak Number 15 Benzene, 1-methyl-4-(1-meth... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	26.82 ug/L	871287	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	95
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	89
3	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	81
4	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	81
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	74





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

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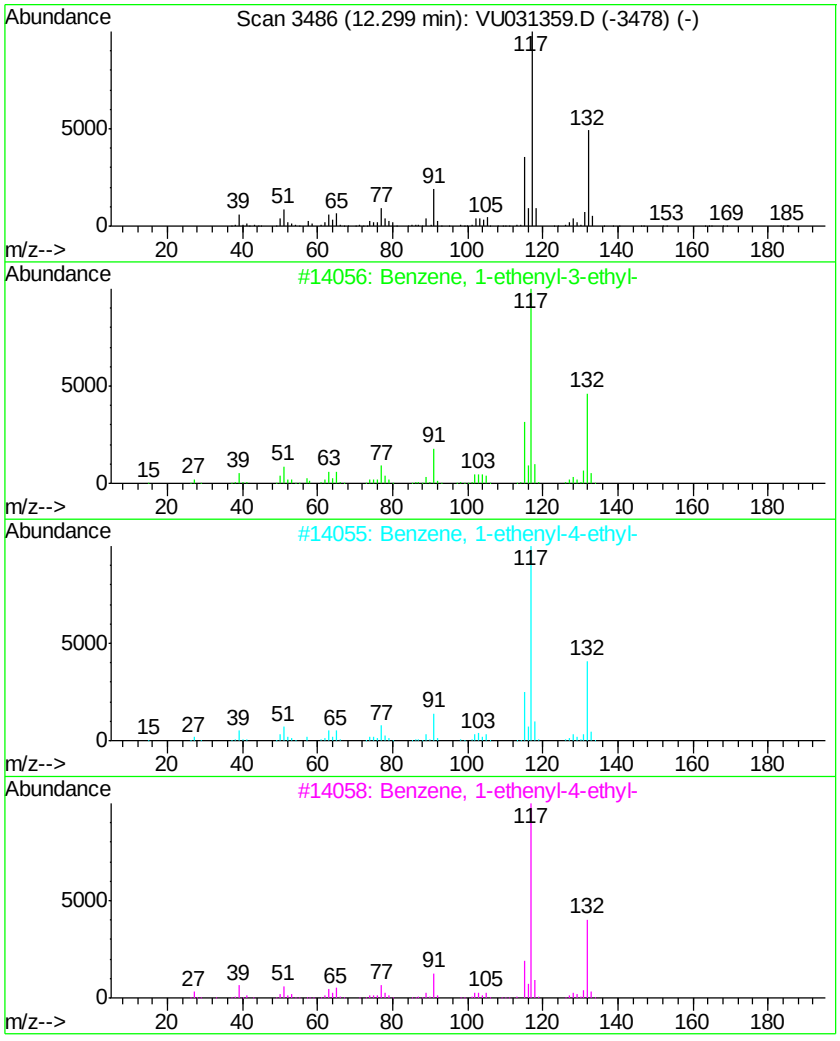
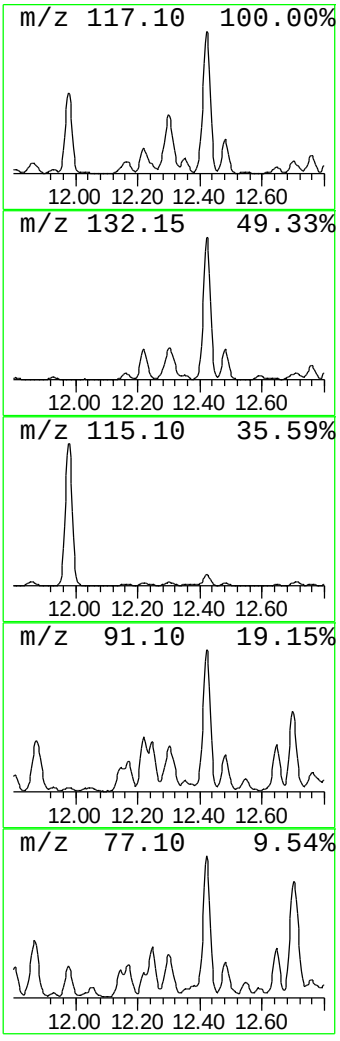
Peak Number 16 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	40.01 ug/L	1300120	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	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	95
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

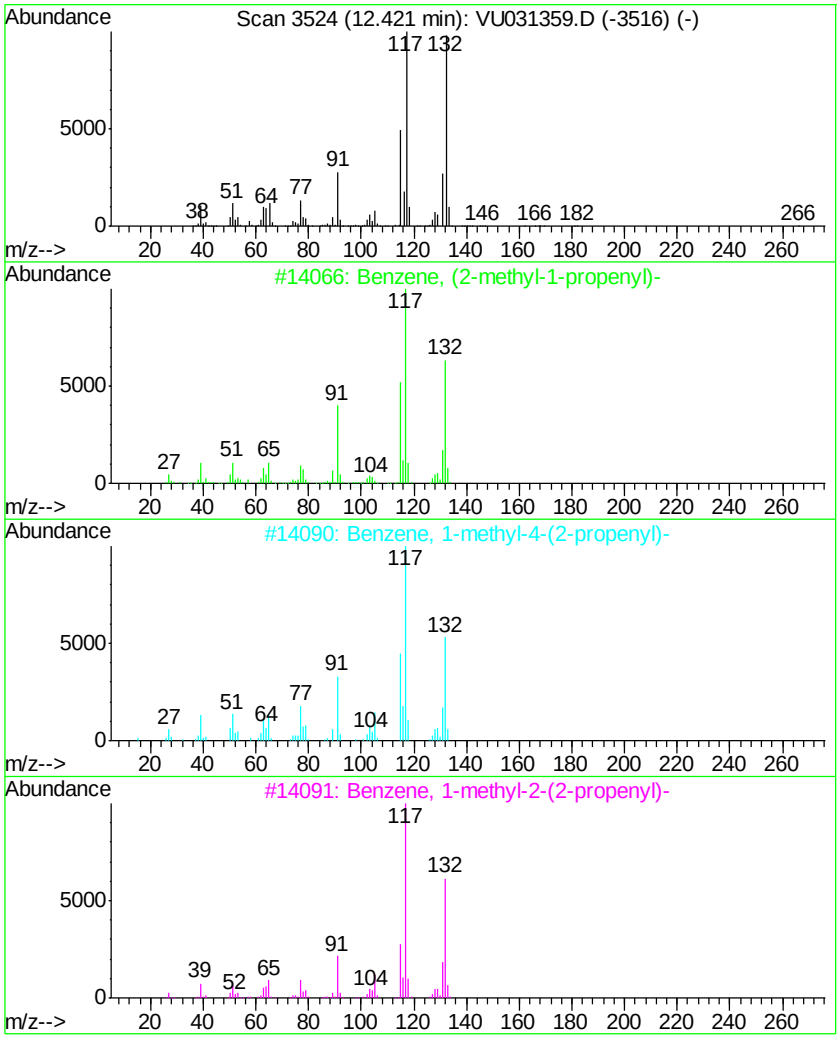
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

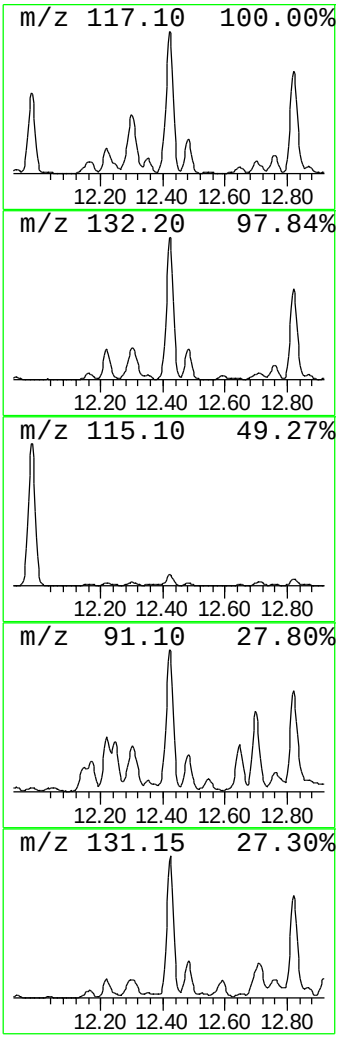
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, (2-methyl-1-propen... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	129.40 ug/L	4204460	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
5	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	94





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Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

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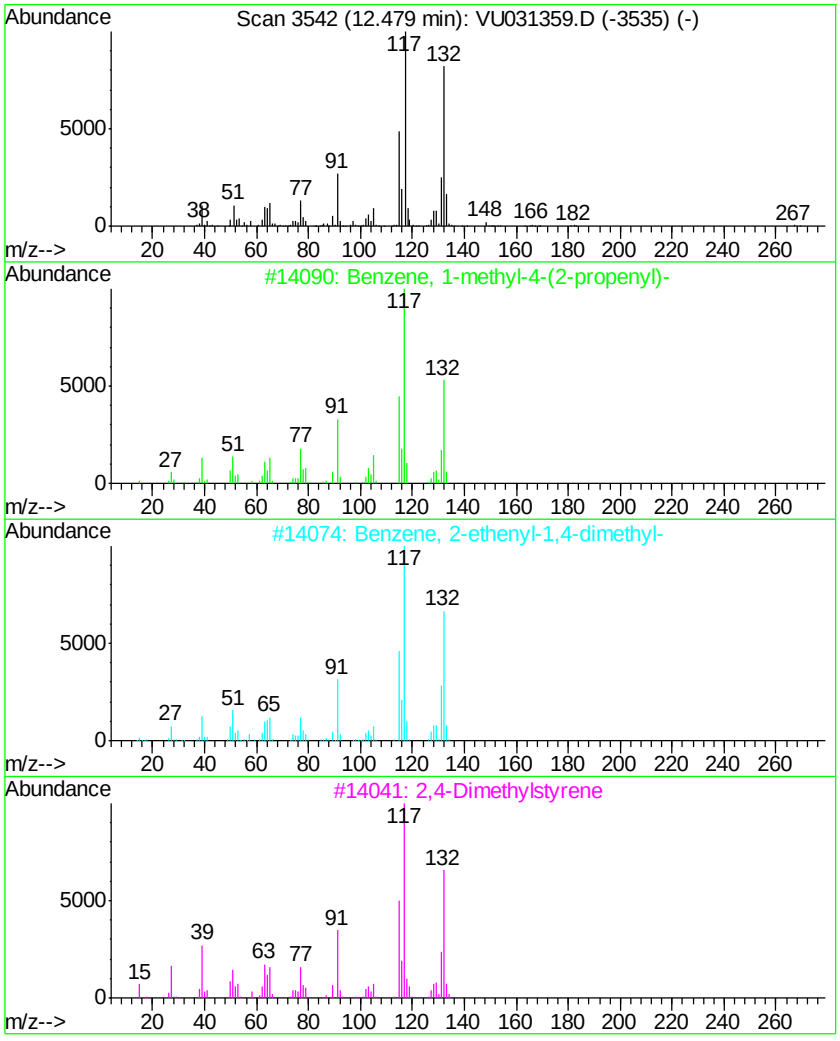
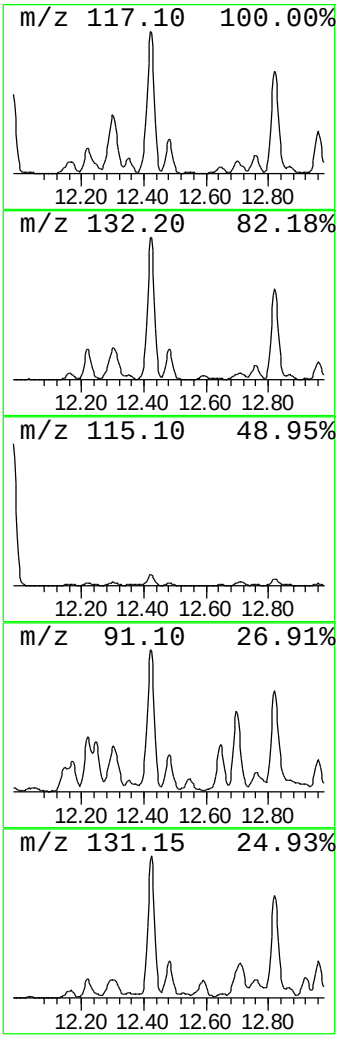
Peak Number 18 Benzene, 1-methyl-4-(2-prop... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	30.51 ug/L	991217	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	97
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	97
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	95
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

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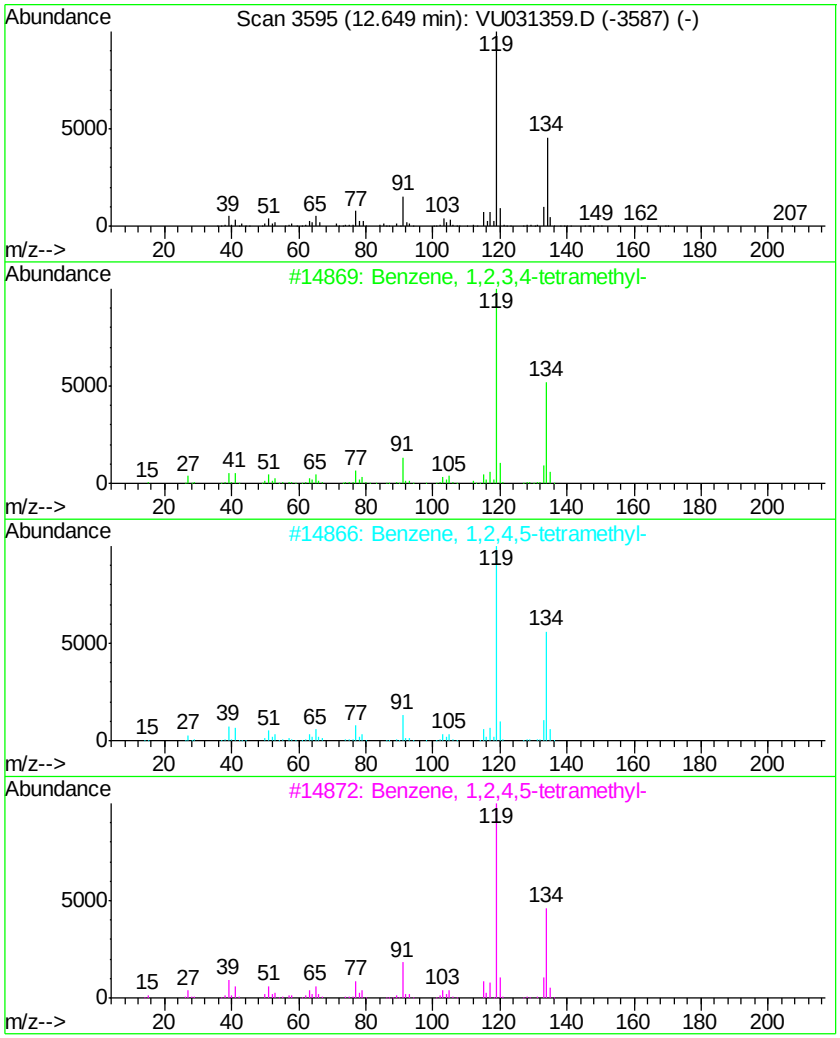
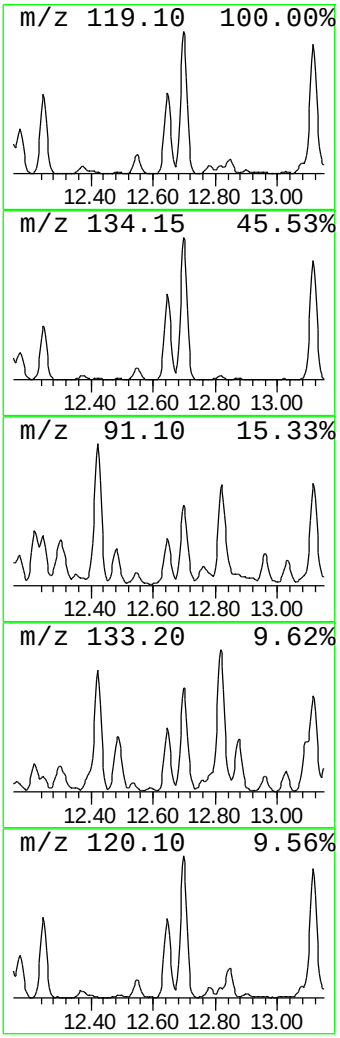
Peak Number 19 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	39.23 ug/L	1274700	1,4-Dichlorobenzene-d4	11.48

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





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Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

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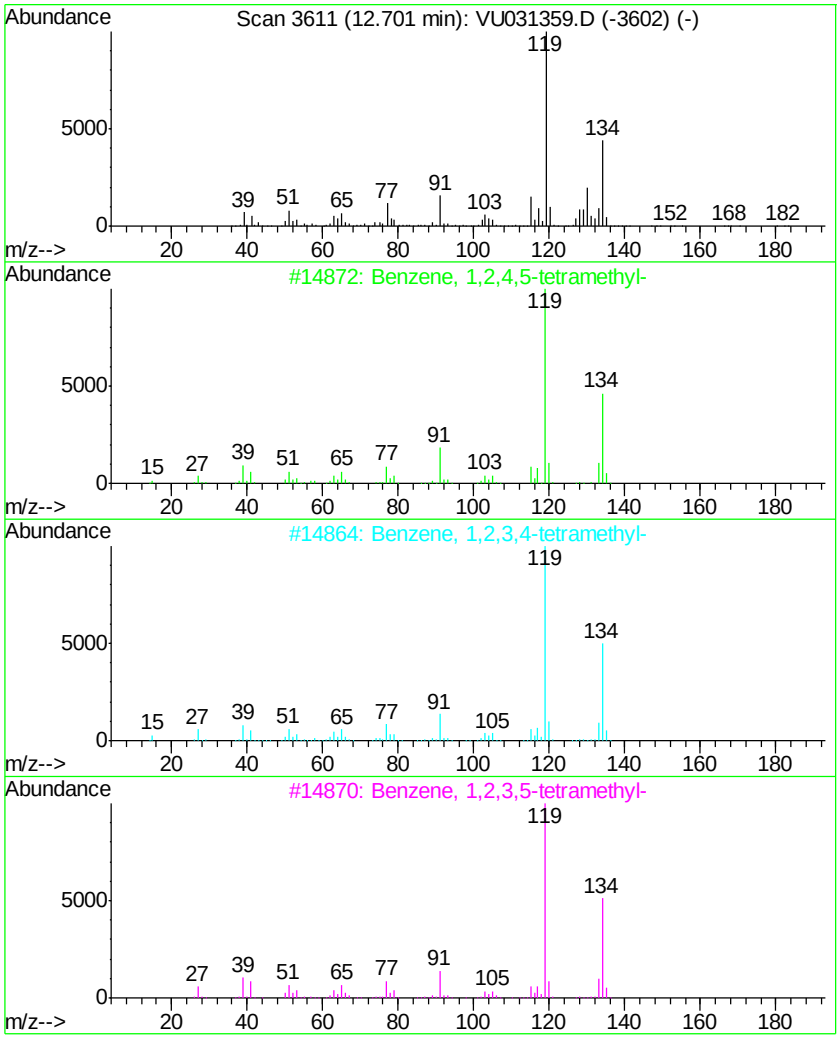
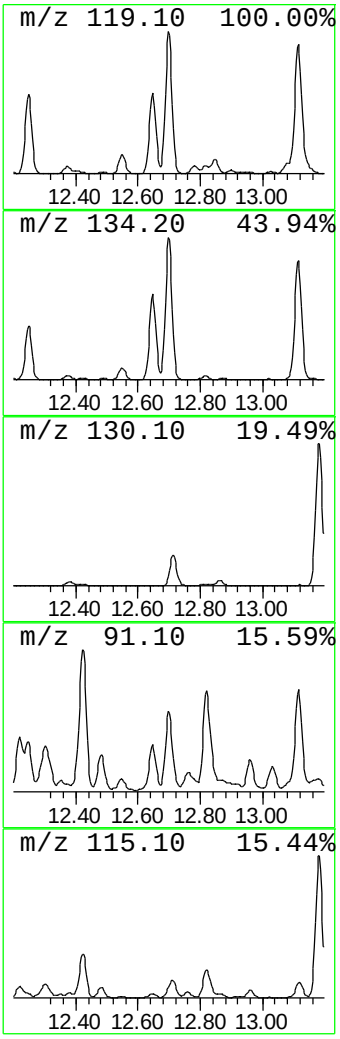
Peak Number 20 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	114.78 ug/L	3729500	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	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	89
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	89





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

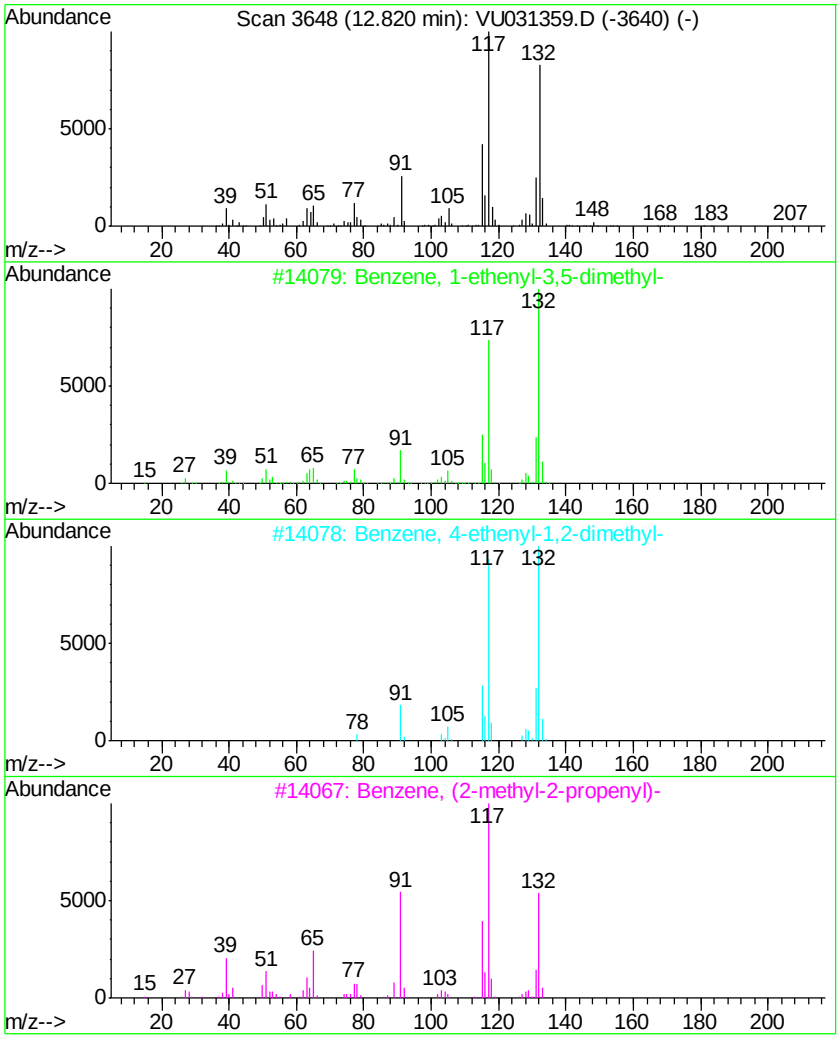
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

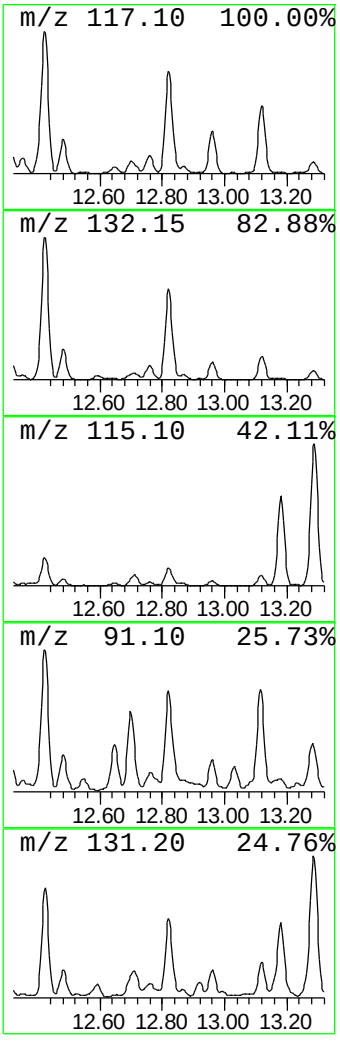
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	114.75 ug/L	3728590	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	97
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	95
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94





Library Search Compound Report

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Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

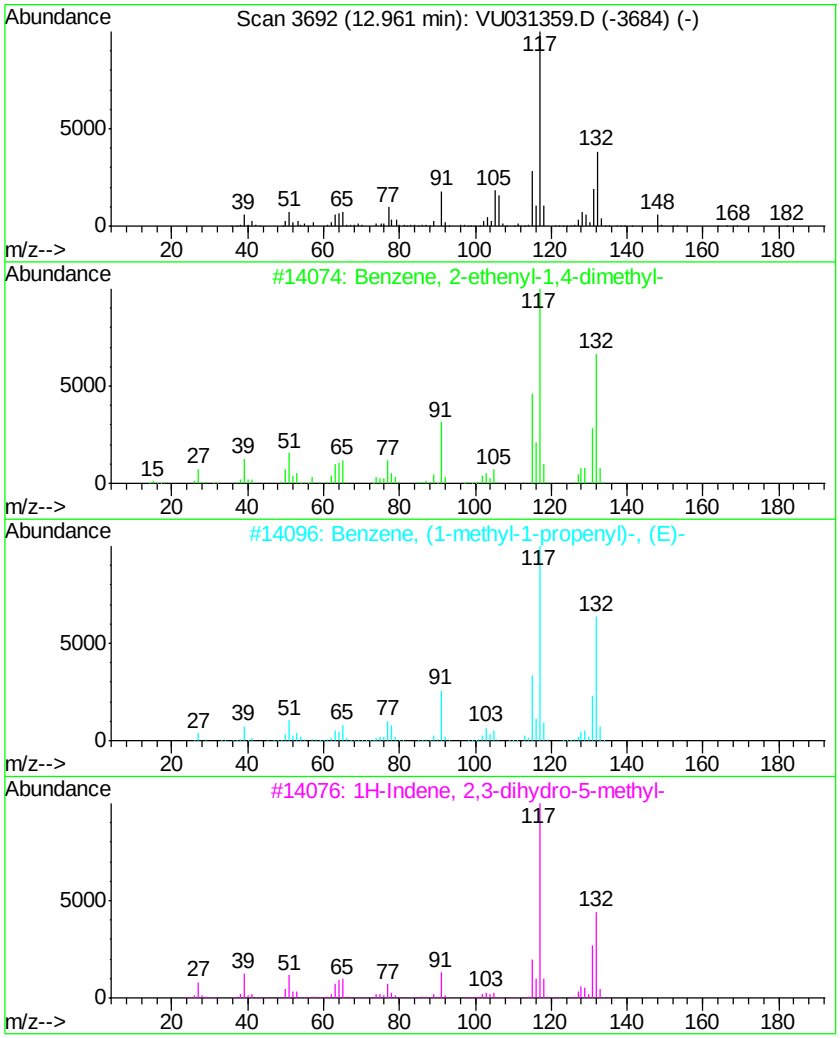
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

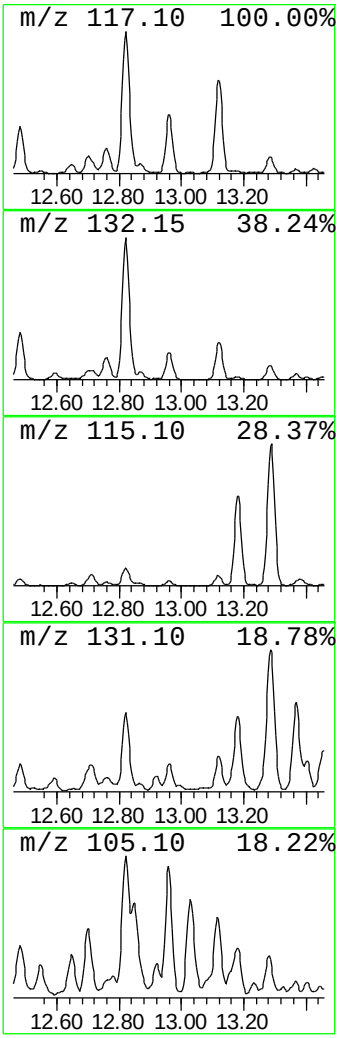
****

Peak Number 22 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	29.38 ug/L	954580	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	89
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





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Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

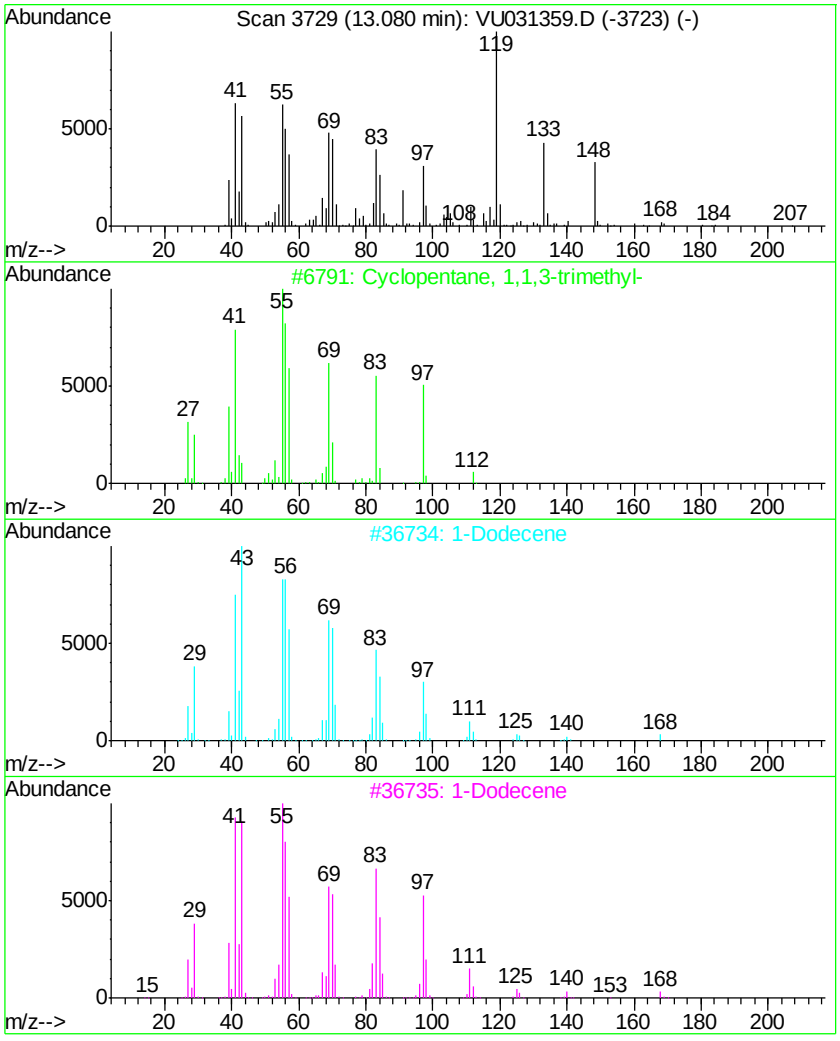
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

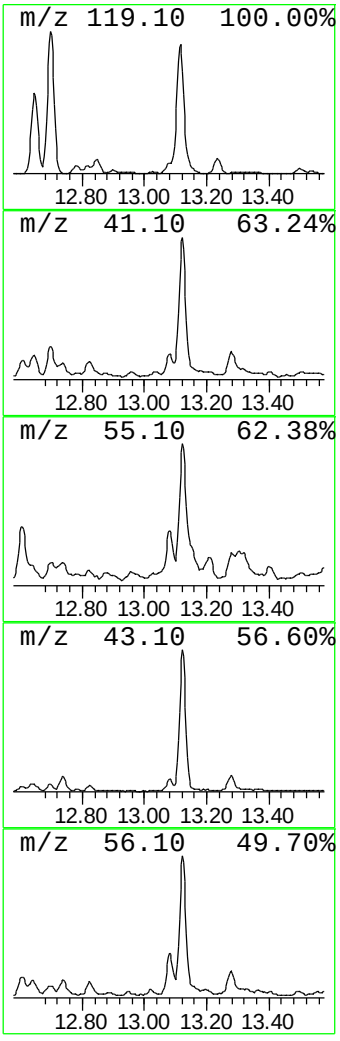
****

Peak Number 23 (DEL) Alkane: Cyclic13.08 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	10.25 ug/L	332944	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	70
2	1-Dodecene	168	C12H24	000112-41-4	56
3	1-Dodecene	168	C12H24	000112-41-4	55
4	2-Dodecene, (Z)-	168	C12H24	007206-26-0	50
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	47





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Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

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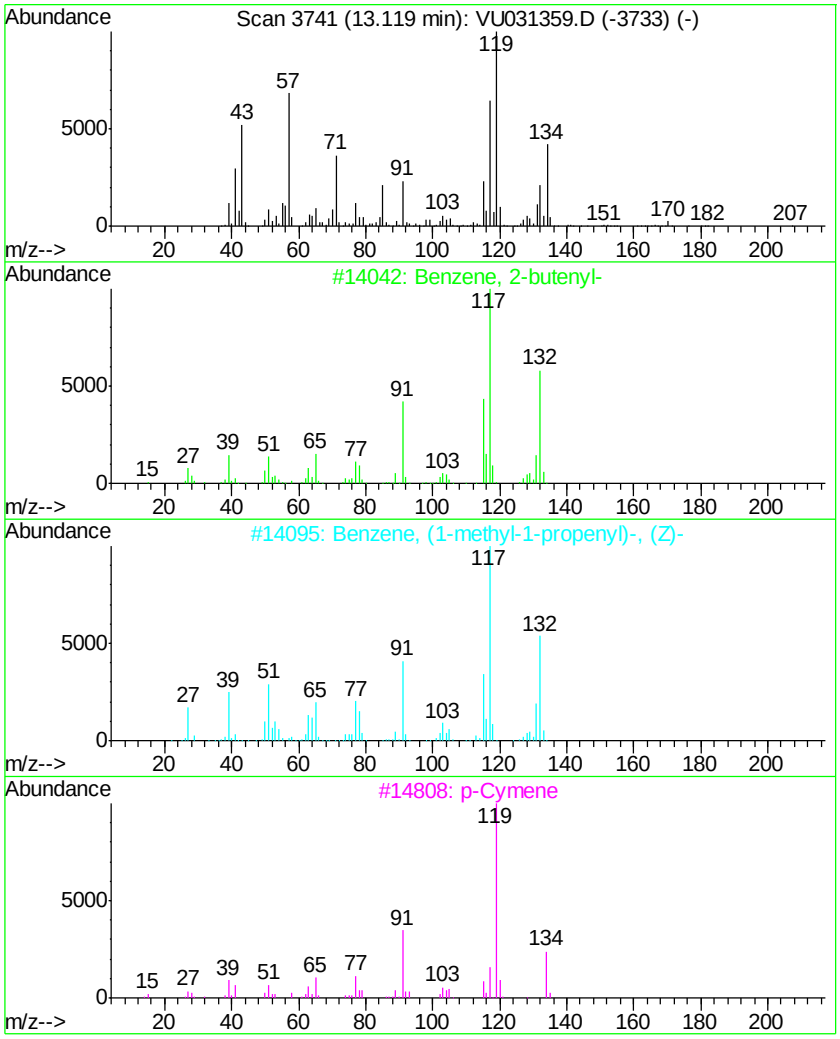
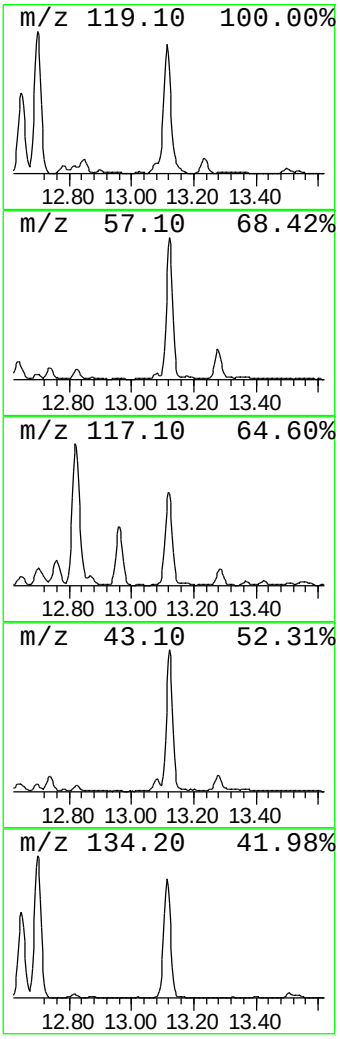
Peak Number 24 Benzene, 2-butenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	155.39 ug/L	5049020	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	74
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	72
3	p-Cymene	134	C10H14	000099-87-6	55
4	o-Cymene	134	C10H14	000527-84-4	55
5	o-Cymene	134	C10H14	000527-84-4	50





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Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

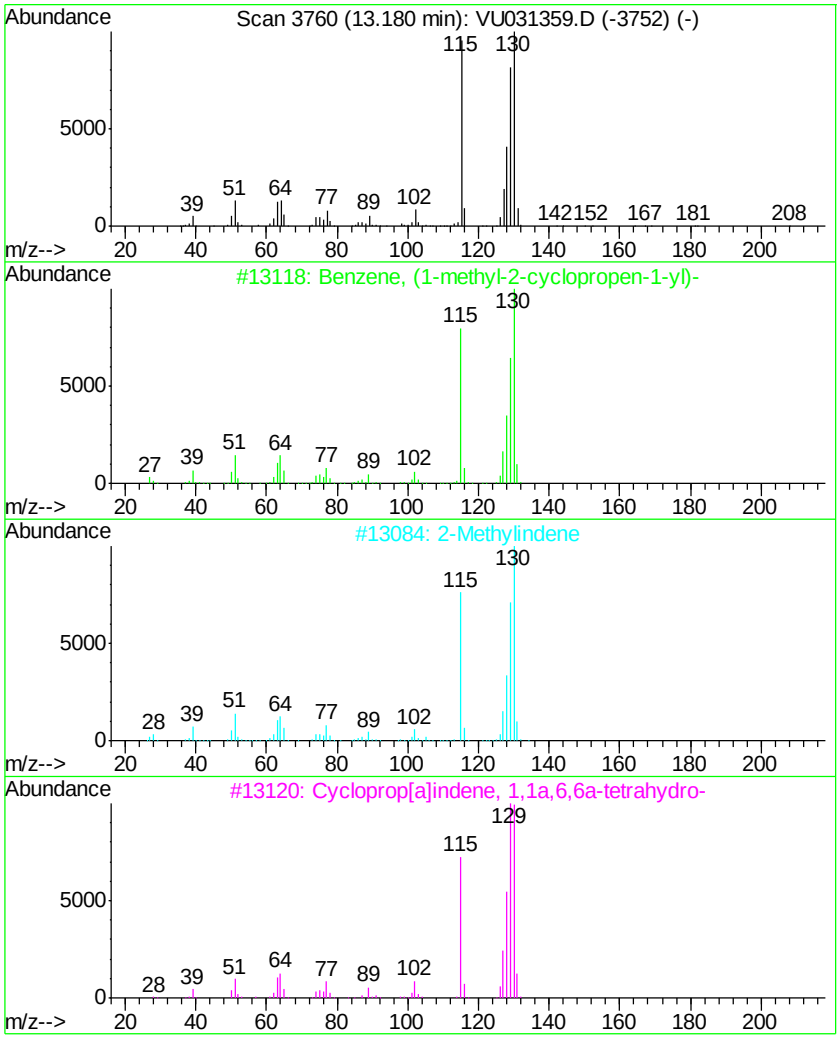
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

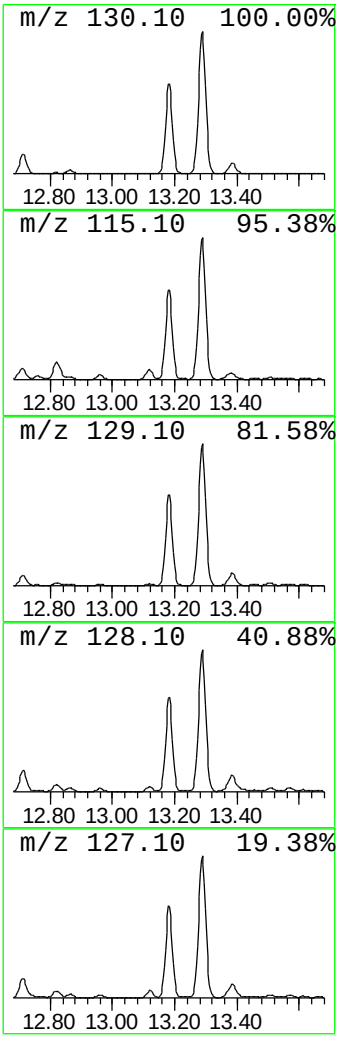
****

Peak Number 25 Benzene, (1-methyl-2-cyclop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	210.05 ug/L	6825120	1,4-Dichlorobenzene-d4	11.48

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	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





Library Search Compound Report

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Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

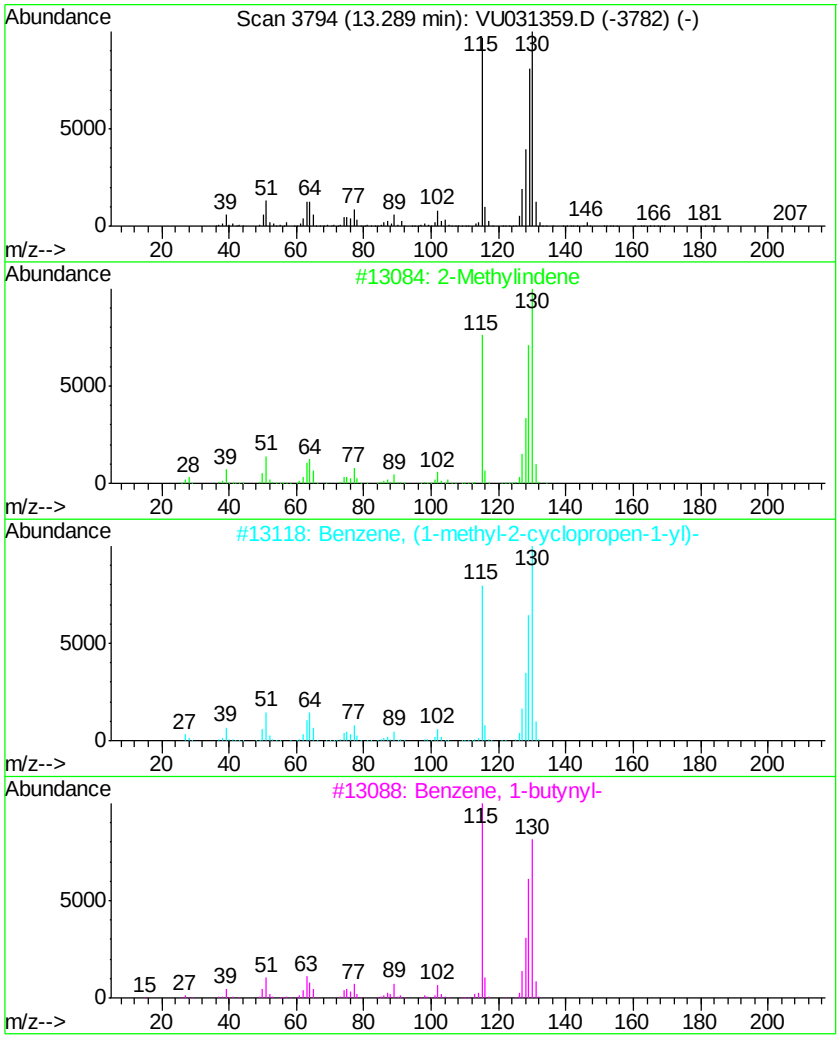
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

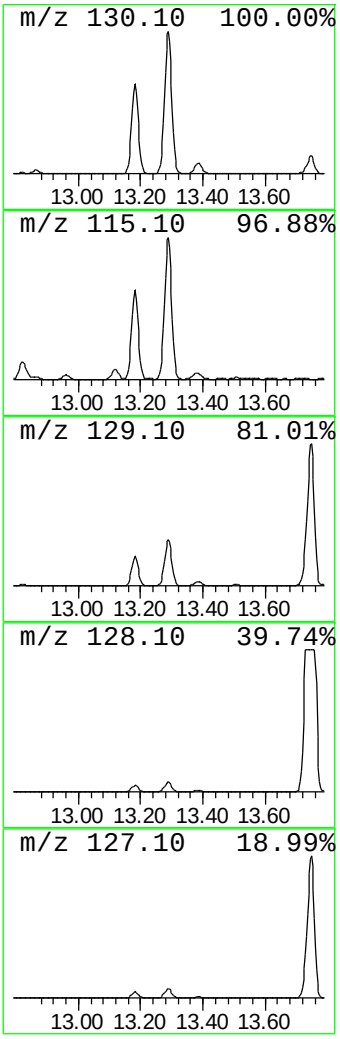
****

Peak Number 26 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	379.61 ug/L	12334500	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-butynyl-	130	C10H10	000622-76-4	95
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95





Library Search Compound Report

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Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

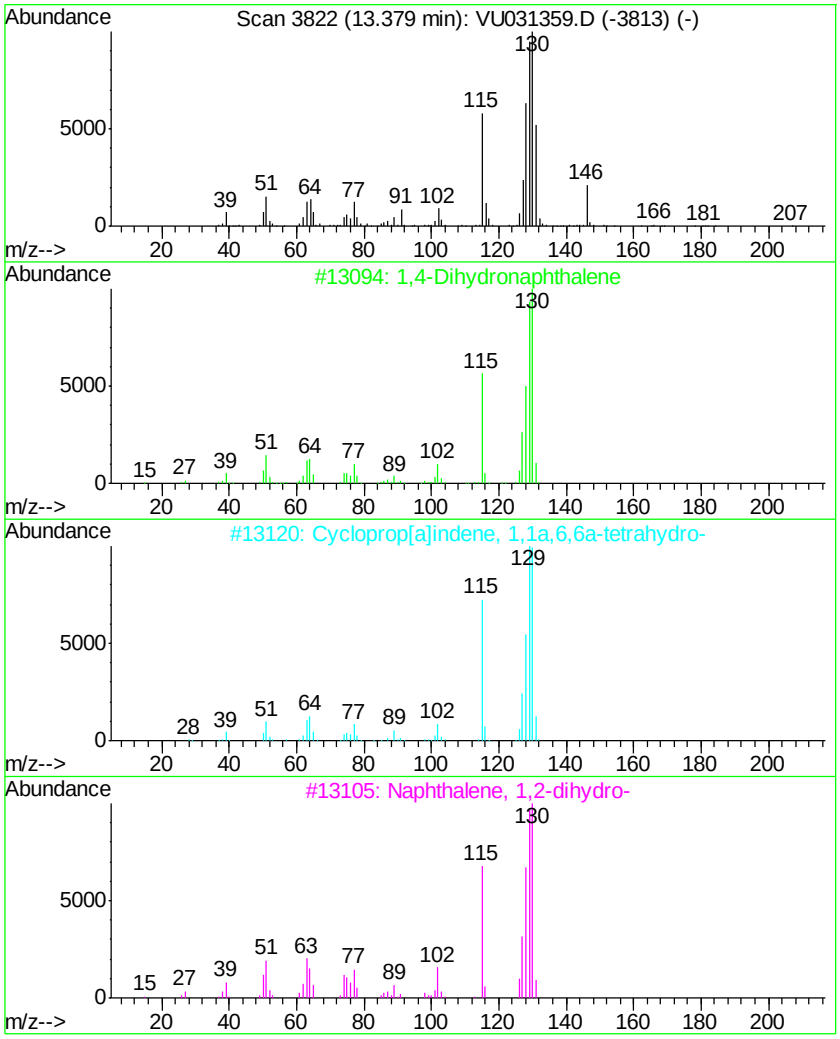
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

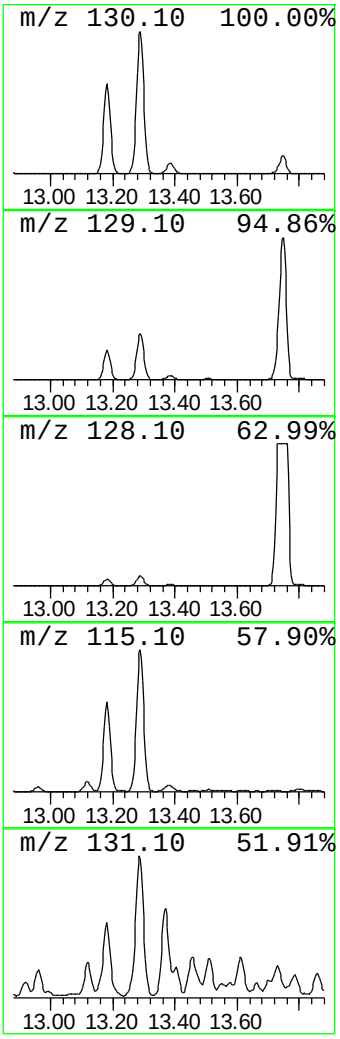
****

Peak Number 27 1,4-Dihydronaphthalene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	46.65 ug/L	1515720	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	91
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	83





Library Search Compound Report

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Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

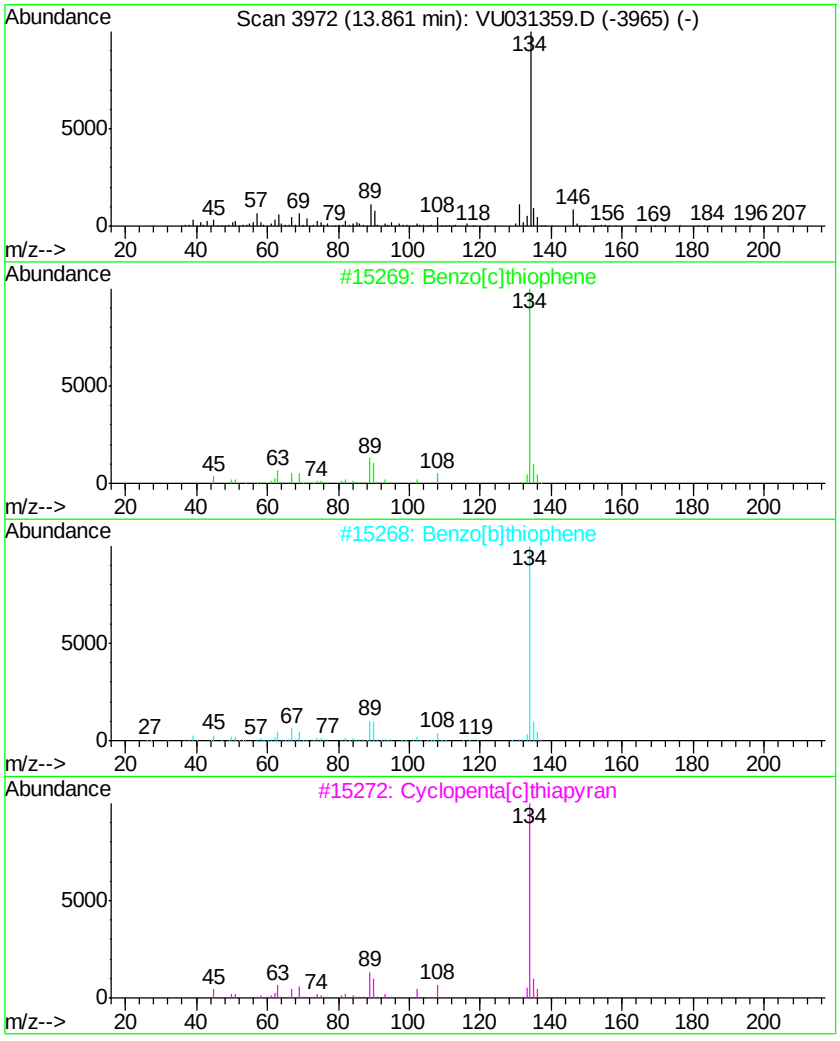
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

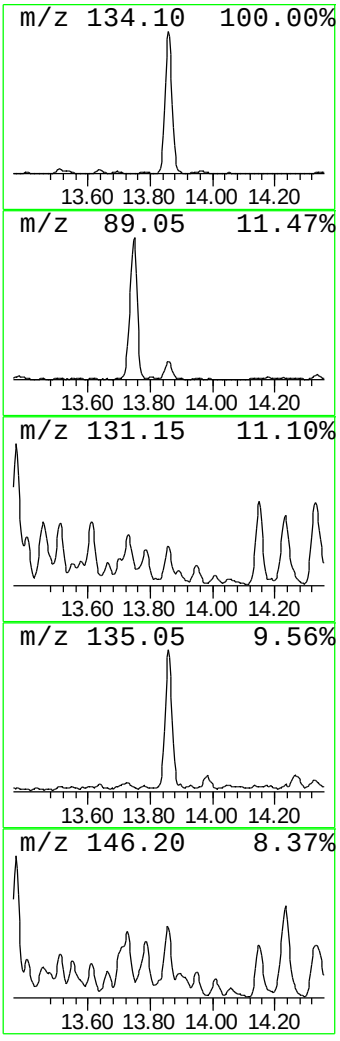
****

Peak Number 29 Benzo[c]thiophene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	36.96 ug/L	1200920	1,4-Dichlorobenzene-d4	11.48

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	93
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	87
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	81





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Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

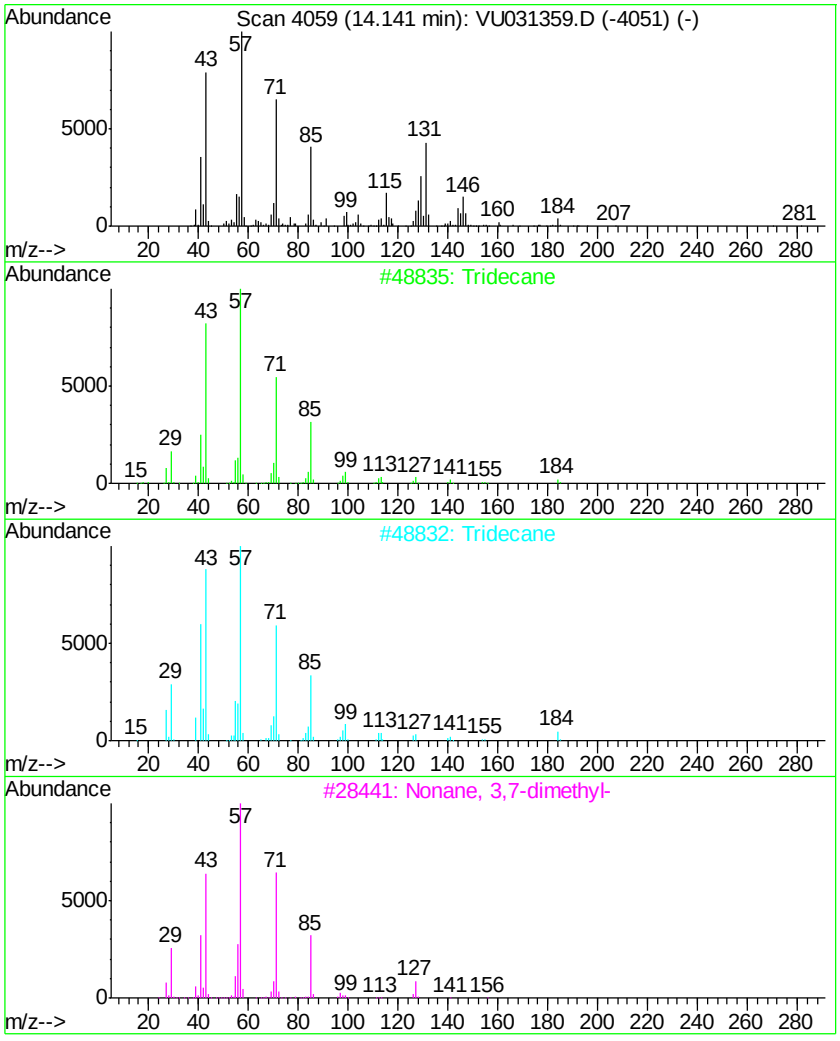
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

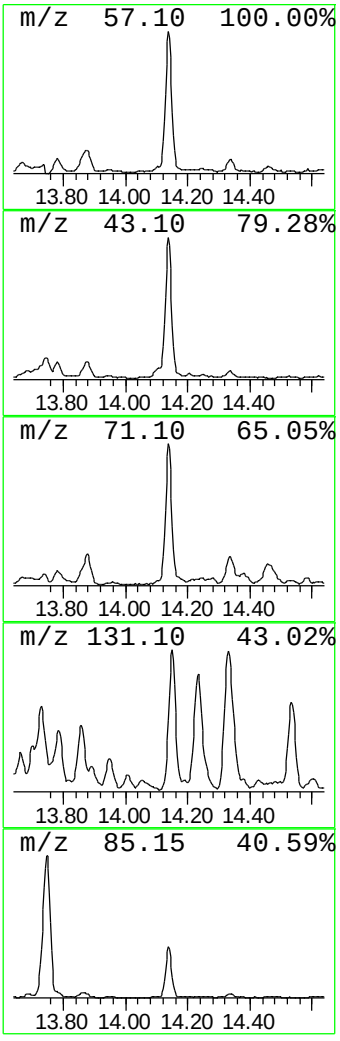
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	34.39 ug/L	1117500	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tridecane	184	C13H28	000629-50-5	83
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	55
4	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	49
5	4-Octanone	128	C8H16O	000589-63-9	46





Library Search Compound Report

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Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

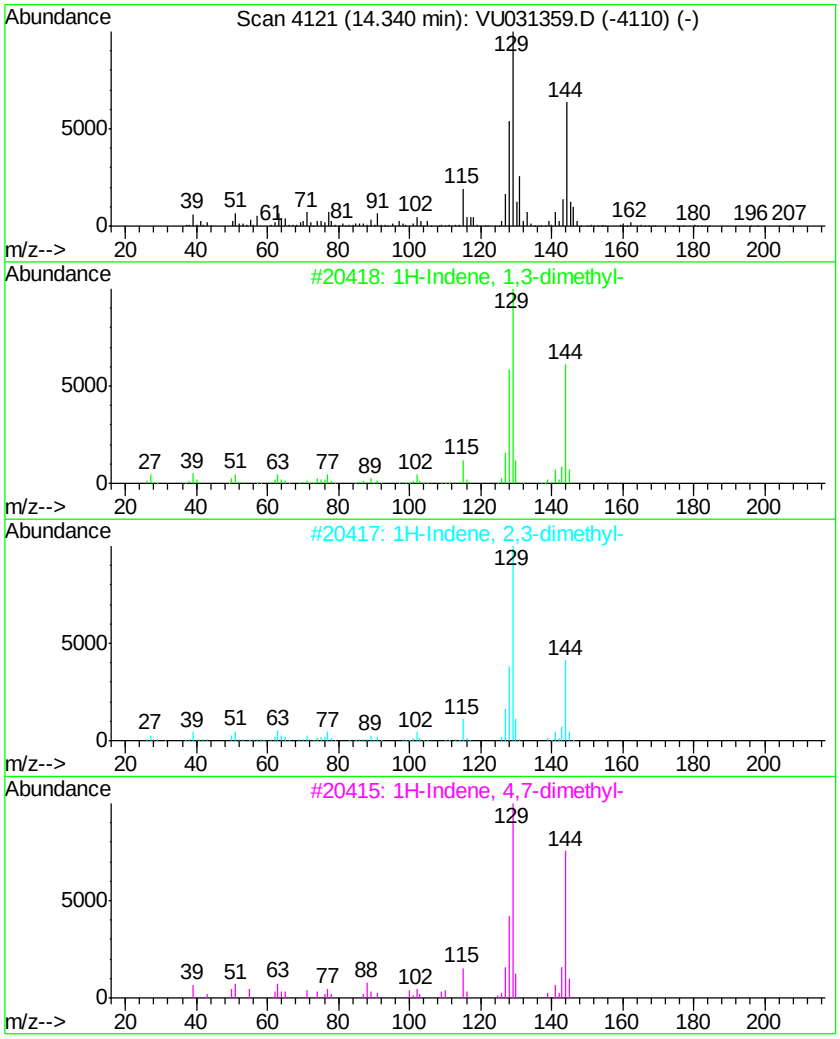
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

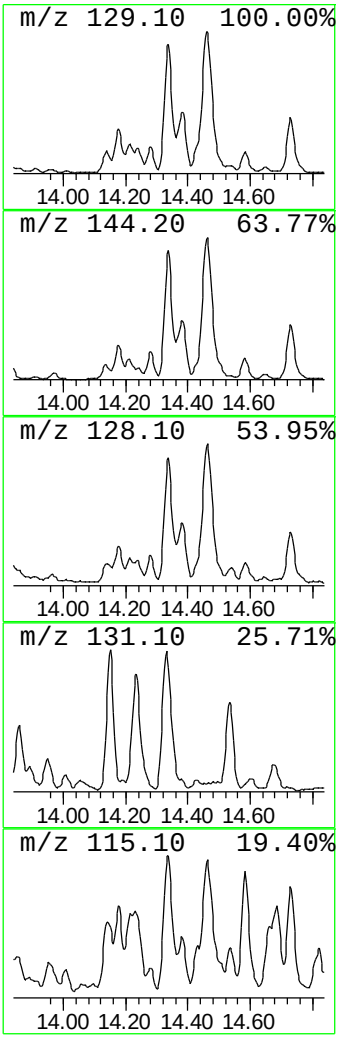
****

Peak Number 31 1H-Indene, 1,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	57.11 ug/L	1855630	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, 2,3-dimethyl-	144	C11H12	004773-82-4	90
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	87
4	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	81
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	81





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

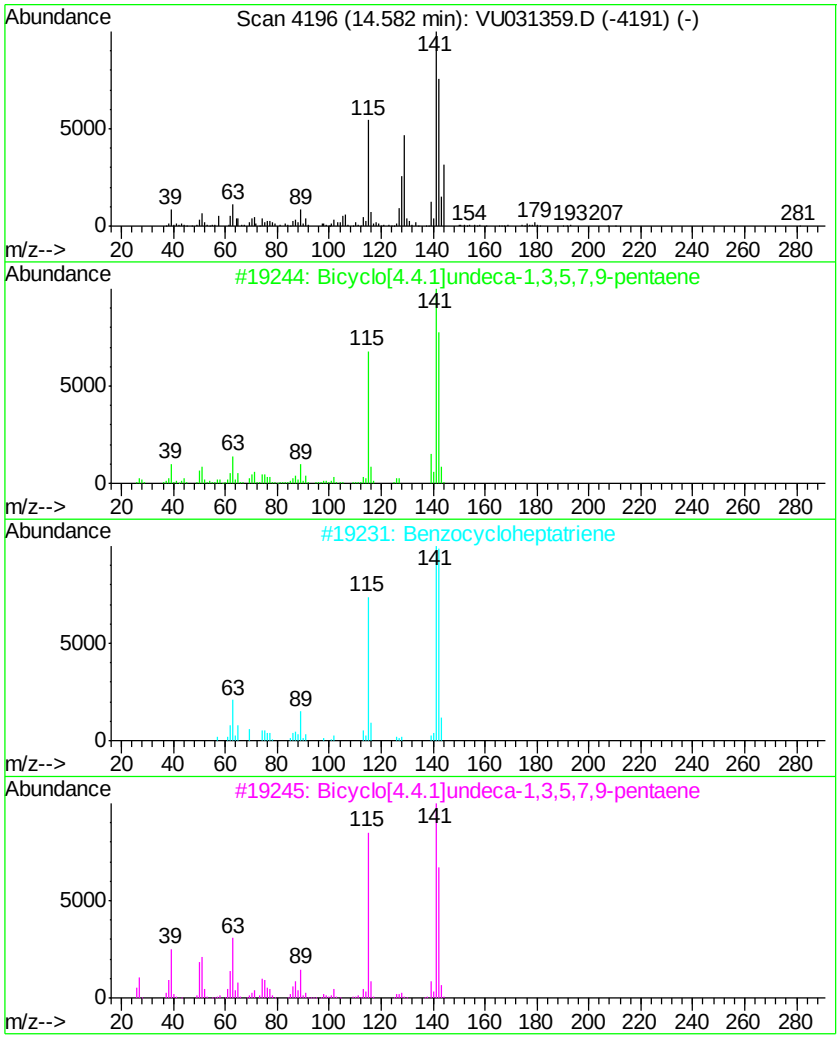
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

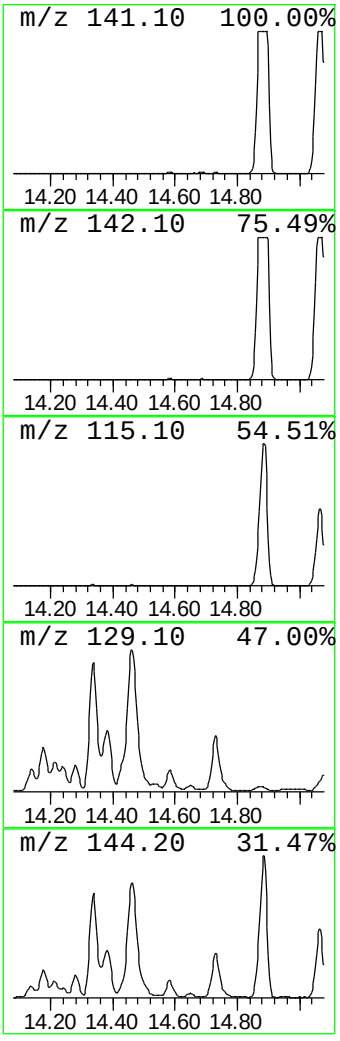
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	17.58 ug/L	571291	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	95
2	Benzocycloheptatriene	142	C11H10	000264-09-5	93
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	86
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86
5	Benzocycloheptatriene	142	C11H10	000264-09-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

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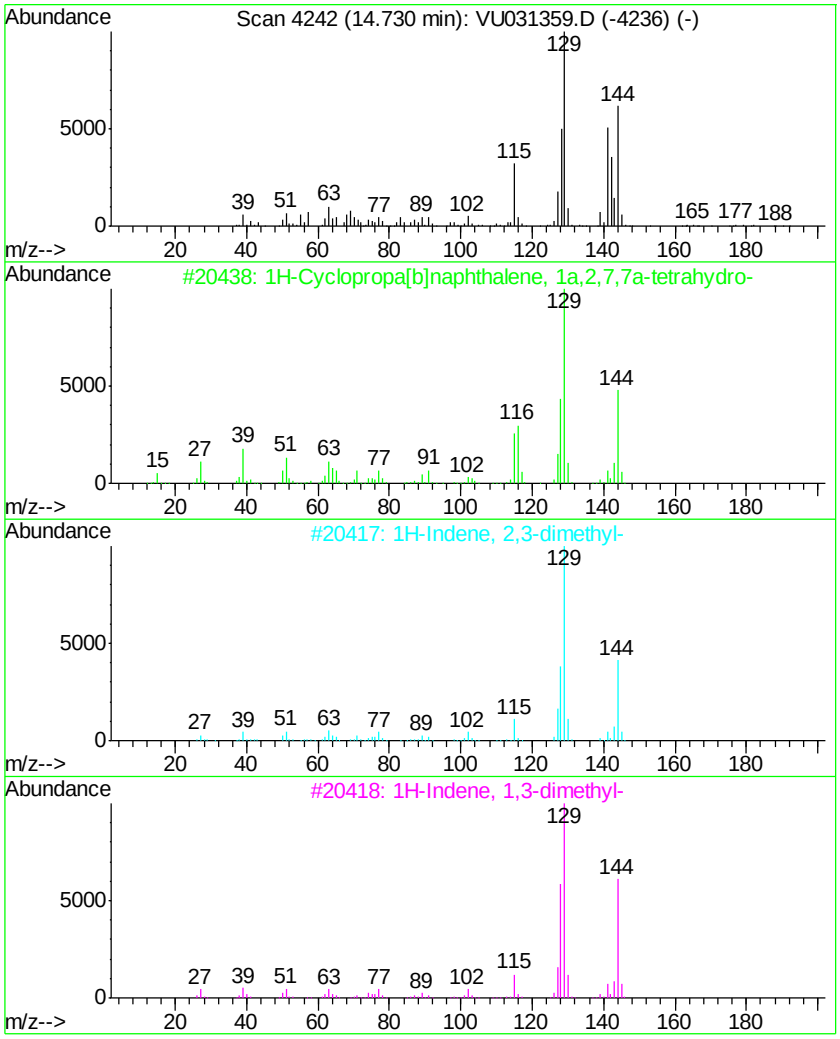
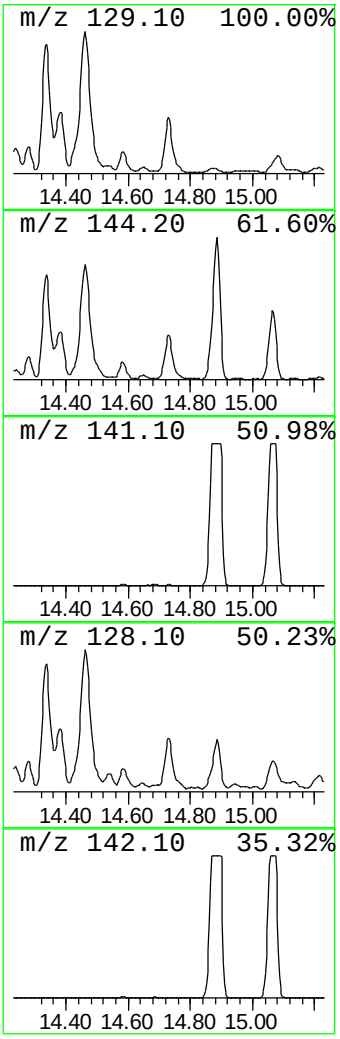
Peak Number 34 1H-Cyclopropa[b]naphthalene... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	27.12 ug/L	881260	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	89
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	70
3	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	70
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	64
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

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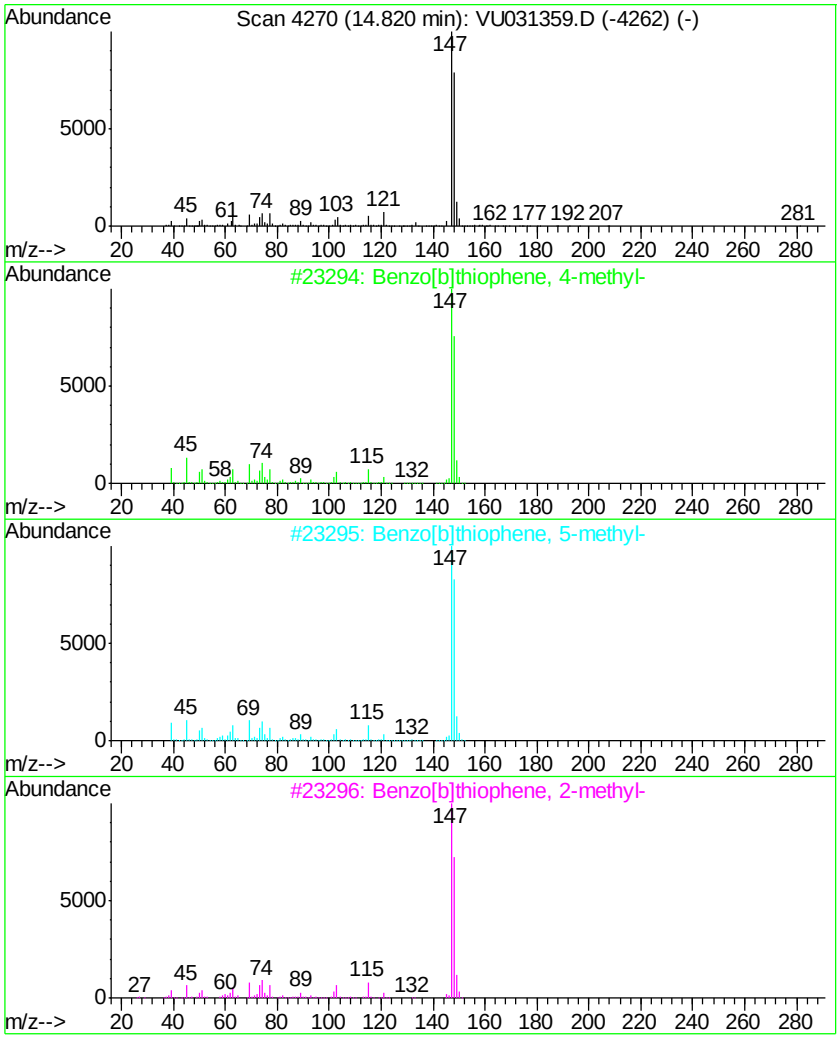
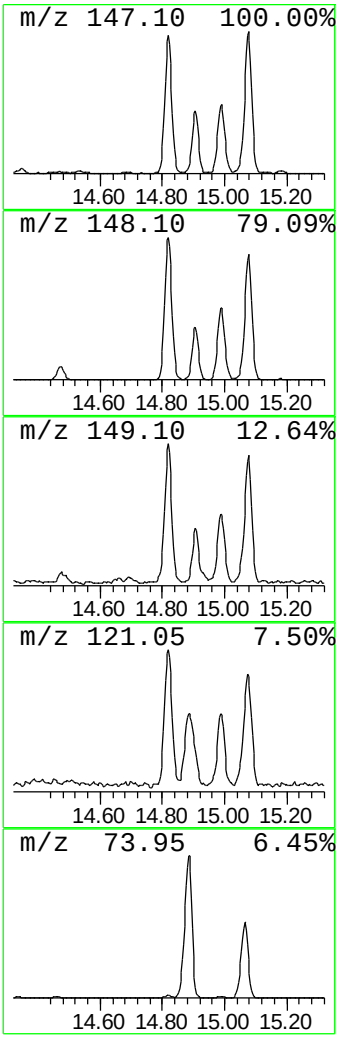
Peak Number 35 Benzo[b]thiophene, 4-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	30.95 ug/L	1005720	1,4-Dichlorobenzene-d4	11.48

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

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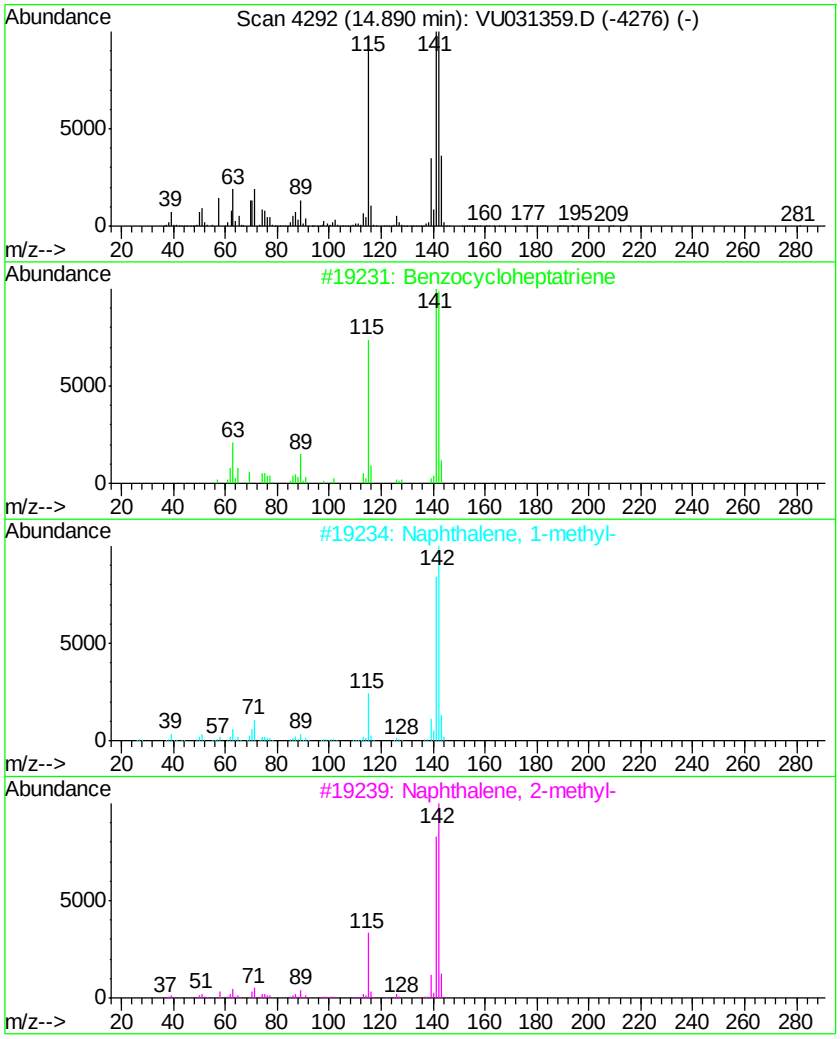
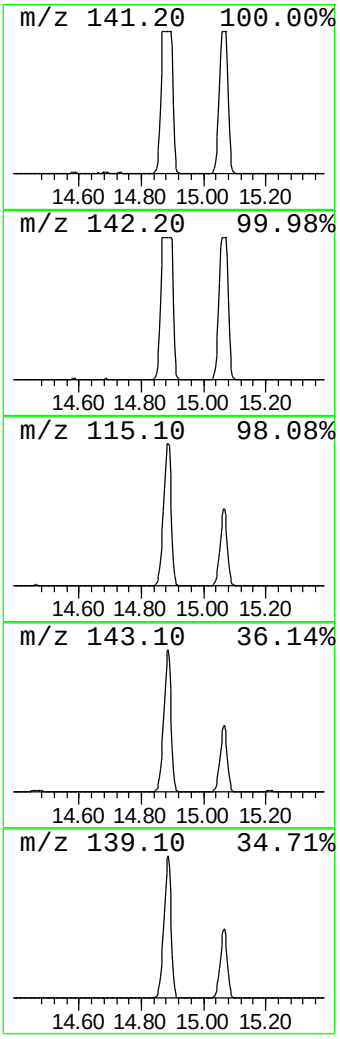
Peak Number 36 Benzocycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	4087.61 ug/L	132816000	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	89
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	89
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	89





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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

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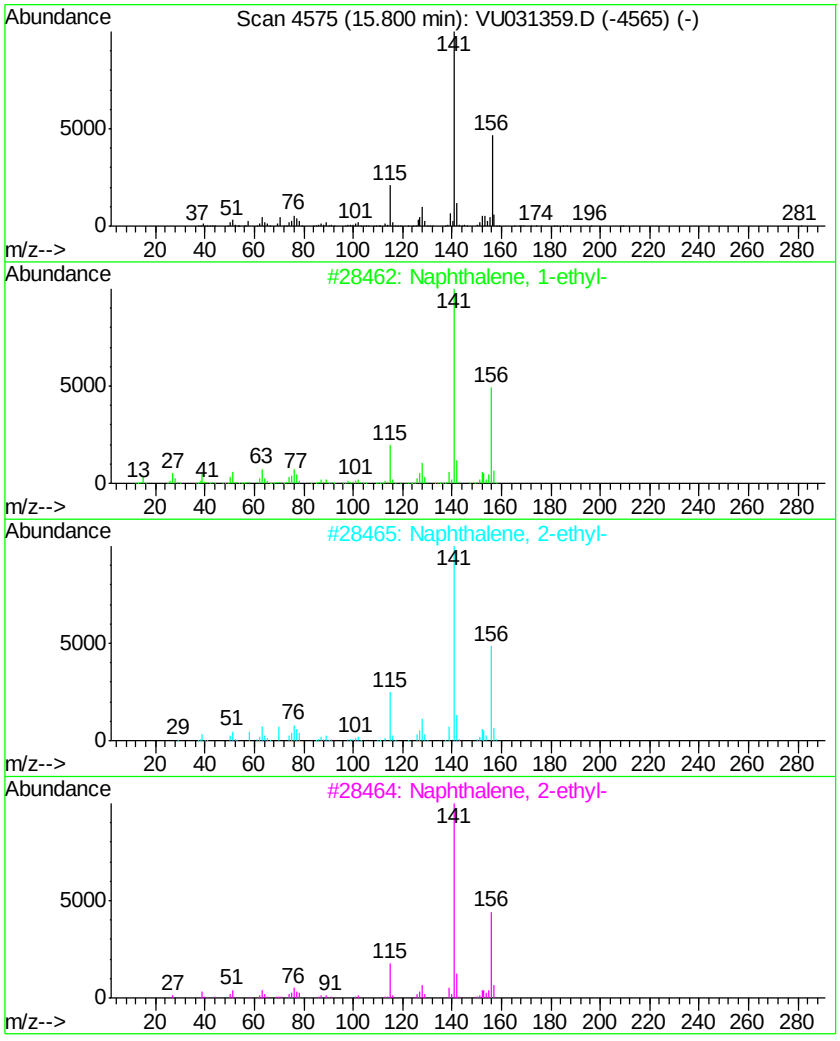
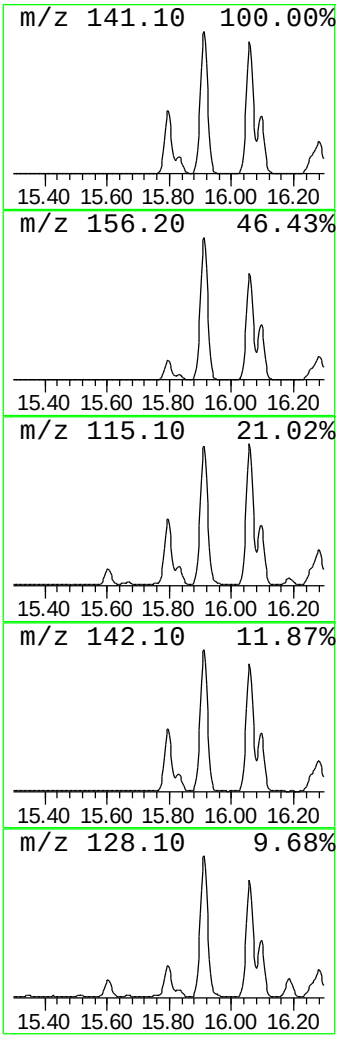
Peak Number 39 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	169.06 ug/L	5493140	1,4-Dichlorobenzene-d4	11.48

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
Data File : VU031359.D
Acq On : 19 Apr 2019 15:14
Operator : JC/SP
Sample : K2455-05 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ7

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, 2-propenyl-	10.50	6.0	ug/L	195707	3	11.48	1624620	50.0
Benzene, propyl-	10.59	8.4	ug/L	272868	3	11.48	1624620	50.0
Benzene, 1-ethyl-...	10.68	76.9	ug/L	2500120	3	11.48	1624620	50.0
Benzene, 1-ethyl-...	10.97	20.2	ug/L	655461	3	11.48	1624620	50.0
Benzene, 1-etheny...	11.21	281.4	ug/L	9145100	3	11.48	1624620	50.0
Benzene, 1-etheny...	11.26	89.1	ug/L	2894380	3	11.48	1624620	50.0
Benzene, 1-propenyl-	11.62	30.8	ug/L	1001890	3	11.48	1624620	50.0
Indane	11.76	52.5	ug/L	1706760	3	11.48	1624620	50.0
Indene	11.98	516.5	ug/L	16783400	3	11.48	1624620	50.0
Benzene, 1-ethyl-...	12.14	18.3	ug/L	594395	3	11.48	1624620	50.0
Benzene, 1-methyl...	12.22	26.8	ug/L	871287	3	11.48	1624620	50.0
Benzene, 1-etheny...	12.30	40.0	ug/L	1300120	3	11.48	1624620	50.0
Benzene, (2-methy...	12.42	129.4	ug/L	4204460	3	11.48	1624620	50.0
Benzene, 1-methyl...	12.48	30.5	ug/L	991217	3	11.48	1624620	50.0
Benzene, 1,2,3,4-...	12.65	39.2	ug/L	1274700	3	11.48	1624620	50.0
Benzene, 1,2,4,5-...	12.70	114.8	ug/L	3729500	3	11.48	1624620	50.0
Benzene, 1-etheny...	12.82	114.8	ug/L	3728590	3	11.48	1624620	50.0
Benzene, 2-etheny...	12.96	29.4	ug/L	954580	3	11.48	1624620	50.0
(DEL) Alkane: Cyc...	13.08	10.3	ug/L	332944	3	11.48	1624620	50.0
Benzene, 2-butenyl-	13.12	155.4	ug/L	5049020	3	11.48	1624620	50.0
Benzene, (1-methy...	13.18	210.1	ug/L	6825120	3	11.48	1624620	50.0
2-Methylindene	13.29	379.6	ug/L	12334500	3	11.48	1624620	50.0
1,4-Dihydronaphth...	13.38	46.6	ug/L	1515720	3	11.48	1624620	50.0
Benzo[c]thiophene	13.86	37.0	ug/L	1200920	3	11.48	1624620	50.0
(DEL) Alkane: Str...	14.14	34.4	ug/L	1117500	3	11.48	1624620	50.0
1H-Indene, 1,3-di...	14.34	57.1	ug/L	1855630	3	11.48	1624620	50.0
Bicyclo[4.4.1]und...	14.58	17.6	ug/L	571291	3	11.48	1624620	50.0
1H-Cyclopropa[b]n...	14.73	27.1	ug/L	881260	3	11.48	1624620	50.0
Benzo[b]thiophene...	14.82	30.9	ug/L	1005720	3	11.48	1624620	50.0
Benzocycloheptatr...	14.89	4087.6	ug/L	132816000	3	11.48	1624620	50.0
Naphthalene, 1-et...	15.80	169.1	ug/L	5493140	3	11.48	1624620	50.0