LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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	40	rBV2	15380	17970	0.02%	0.003%
2	1.293	59	63	68	rBV	8965	7797	0.01%	0.001%
3	1.395	88	95	111	rVB	179811	266793	0.22%	0.039%
4	1.675	176	182	197	rBV	124328	214590	0.18%	0.031%
5	2.244	349	359	375	rBV	437283	697537	0.59%	0.101%
6	2.518	436	444	452	rBV5	4964	7978	0.01%	0.001%
7	2.688	486	497	501	rBV7	5718	9580	0.01%	0.001%
8	2.948	571	578	582	rBV5	911	830	0.00%	0.000%
9	3.174	642	648	650	rBV2	831	908	0.00%	0.000%
10	3.273	673	679	681	rBV4	2262	2181	0.00%	0.000%
11	3.370	700	709	714	rBV6	1082	1886	0.00%	0.000%
12	3.563	765	769	775	rBV4	1077	1322	0.00%	0.000%
13	3.691	806	809	815	rBV5	793	871	0.00%	0.000%
14	3.894	867	872	877	rBV3	806	899	0.00%	0.000%
15	4.116	936	941	947	rBV3	768	796	0.00%	0.000%
16	4.206	954	969	1012	rBV	109532	555150	0.47%	0.080%
17	4.553	1075	1077	1081	rVB2	2345	1471	0.00%	0.000%
18	4.643	1088	1105	1129	rBV	275331	749155	0.63%	0.108%
19	4.871	1172	1176	1179	rBV3	1462	1242	0.00%	0.000%
20	5.331	1295	1319	1355	rBV2	619804	1787643	1.50%	0.258%
21	5.662	1417	1422	1424	rBV3	1049	913	0.00%	0.000%
22	5.881	1475	1490	1520	rBV	644647	1448526	1.22%	0.209%
23	6.013	1529	1531	1534	rVB3	1658	908	0.00%	0.000%
24	6.080	1546	1552	1555	rBV3	891	832	0.00%	0.000%
25	6.180	1573	1583	1593	rVB3	5312	11238	0.01%	0.002%
26	6.254	1598	1606	1614	rBV7	3635	7413	0.01%	0.001%
27	6.328	1614	1629	1656	rVV2	381990	855852	0.72%	0.124%
28	6.546	1692	1697	1700	rBV5	939	908	0.00%	0.000%
29	6.894	1800	1805	1809	rBV6	2136	2171	0.00%	0.000%
30	6.974	1827	1830	1833	rVV5	1094	815	0.00%	0.000%
31	7.003	1836	1839	1842	rVV3	1296	843	0.00%	0.000%
32	7.228	1896	1909	1936	rBV3	229407	501225	0.42%	0.072%
33	7.324	1936	1939	1940	rBV3	1495	791	0.00%	0.000%
34	7.562	1998	2013	2036	rBV	805041	1534056	1.29%	0.222%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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	7.852	2091	2103	2128	rBV	137025	299293	0.25%	0.043%
36	8.038	2156	2161	2164	rBV6	1243	1303	0.00%	0.000%
37	8.177	2201	2204	2207	rBV3	1161	834	0.00%	0.000%
38	8.218	2211	2217	2220	rBV6	1425	1315	0.00%	0.000%
39	8.344	2239	2256	2285	rBV	457114	1189690	1.00%	0.172%
40	8.910	2426	2432	2434	rBV6	1868	1853	0.00%	0.000%
41	9.090	2475	2488	2516	rBV	879173	1692778	1.42%	0.245%
42	9.250	2527	2538	2558	rBV2	123001	225166	0.19%	0.033%
43	9.373	2563	2576	2600	rBV	1192320	2122095	1.78%	0.307%
44	9.546	2627	2630	2632	rBV4	1855	1174	0.00%	0.000%
45	9.707	2675	2680	2681	rBV3	1195	855	0.00%	0.000%
46	9.791	2681	2706	2731	rBV4	2961199	6386664	5.36%	0.923%
47	10.102	2800	2803	2805	rBV5	1807	1158	0.00%	0.000%
48	10.170	2814	2824	2837	rBV	43282	75663	0.06%	0.011%
49	10.308	2858	2867	2876	rBV	7055	16555	0.01%	0.002%
50	10.437	2895	2907	2920	rBV	558894	940302	0.79%	0.136%
51	10.511	2920	2930	2943	rVV	327793	531639	0.45%	0.077%
52	10.588	2943	2954	2970	rVV	531667	843247	0.71%	0.122%
53	10.681	2970	2983	2999	rVV	3608237	7677188	6.44%	1.110%
54	10.771	2999	3011	3042	rVB	6552907	11067442	9.28%	1.600%
55	10.974	3062	3074	3076	rBV	1797774	2365876	1.98%	0.342%
56	11.151	3110	3129	3139	rBV	25139235	39881228	33.45%	5.765%
57	11.218	3139	3150	3159	rVV	26660250	41159451	34.52%	5.950%
58	11.266	3159	3165	3177	rVB	9705839	14032153	11.77%	2.028%
59	11.328	3179	3184	3197	rVB6	238335	385533	0.32%	0.056%
60	11.427	3200	3215	3223	rBV3	448026	1039364	0.87%	0.150%
61	11.485	3224	3233	3242	rBV2	1318390	2082793	1.75%	0.301%
62	11.572	3250	3260	3269	rVV	10626235	15794688	13.25%	2.283%
63	11.627	3269	3277	3291	rVB	4202566	6399631	5.37%	0.925%
64	11.768	3309	3321	3329	rBV2	5580636	9998186	8.39%	1.445%
65	11.877	3343	3355	3367	rBV3	5635340	10212616	8.57%	1.476%
66	11.990	3377	3390	3407	rBV2	61831781	119218934	100.00%	17.234%
67	12.147	3429	3439	3442	rBV2	2831014	4053993	3.40%	0.586%
68	12.221	3455	3462	3466	rBV	3501769	5016111	4.21%	0.725%
69	12.305	3479	3488	3498	rVB	4636027	8381764	7.03%	1.212%
70	12.427	3517	3526	3536	rVB	16367811	25586823	21.46%	3.699%
71	12.485	3536	3544	3557	rVB2	3893111	6030233	5.06%	0.872%

LSC Area Percent Report

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Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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	12.553	3559	3565	3573	rVB	1083368	1493344	1.25%	0.216%
73	12.649	3587	3595	3603	rVB	5284975	7520169	6.31%	1.087%
74	12.707	3603	3613	3625	rBV3	11941630	22534298	18.90%	3.257%
75	12.826	3641	3650	3672	rVB2	11231107	21058330	17.66%	3.044%
76	12.964	3685	3693	3707	rVB	4257388	6497616	5.45%	0.939%
77	13.038	3710	3716	3723	rVB3	813962	1214380	1.02%	0.176%
78	13.125	3734	3743	3753	rVV3	16210563	26201665	21.98%	3.788%
79	13.189	3753	3763	3774	rVB	28453427	44627686	37.43%	6.451%
80	13.295	3785	3796	3813	rVB	41128107	69901673	58.63%	10.105%
81	13.392	3817	3826	3840	rVB2	4527499	8751426	7.34%	1.265%
82	13.871	3968	3975	3987	rVB	4654348	7309180	6.13%	1.057%
83	14.141	4052	4059	4066	rBV2	1461420	2102147	1.76%	0.304%
84	14.337	4113	4120	4130	rVB4	877598	1372917	1.15%	0.198%
85	14.877	4276	4288	4303	rVB2	35557801	55277127	46.37%	7.991%
86	15.057	4333	4344	4370	rVB	11962935	19236422	16.14%	2.781%
87	15.601	4504	4513	4523	rBV	1533123	2326890	1.95%	0.336%
88	15.794	4565	4573	4581	rBV	1329010	1997009	1.68%	0.289%
89	15.909	4597	4609	4624	rBV	7365853	12418536	10.42%	1.795%
90	16.054	4643	4654	4661	rBV	5936479	9056304	7.60%	1.309%
91	16.093	4662	4666	4683	rVB	2836428	3874768	3.25%	0.560%
92	16.186	4685	4695	4706	rBV	1251388	1934520	1.62%	0.280%
93	16.279	4708	4724	4747	rVB	1626295	3795035	3.18%	0.549%
94	16.427	4761	4770	4781	rBV	748420	1156740	0.97%	0.167%
95	16.520	4789	4799	4817	rVB2	2064640	3836670	3.22%	0.555%
96	16.626	4826	4832	4843	rVB3	435254	673831	0.57%	0.097%
97	16.732	4857	4865	4869	rBV	276591	418645	0.35%	0.061%
98	17.015	4946	4953	4977	rVB2	410316	913714	0.77%	0.132%
99	17.163	4991	4999	5009	rVB2	324618	509159	0.43%	0.074%
100	17.224	5011	5018	5029	rVB	239901	354020	0.30%	0.051%

Sum of corrected areas: 691772902

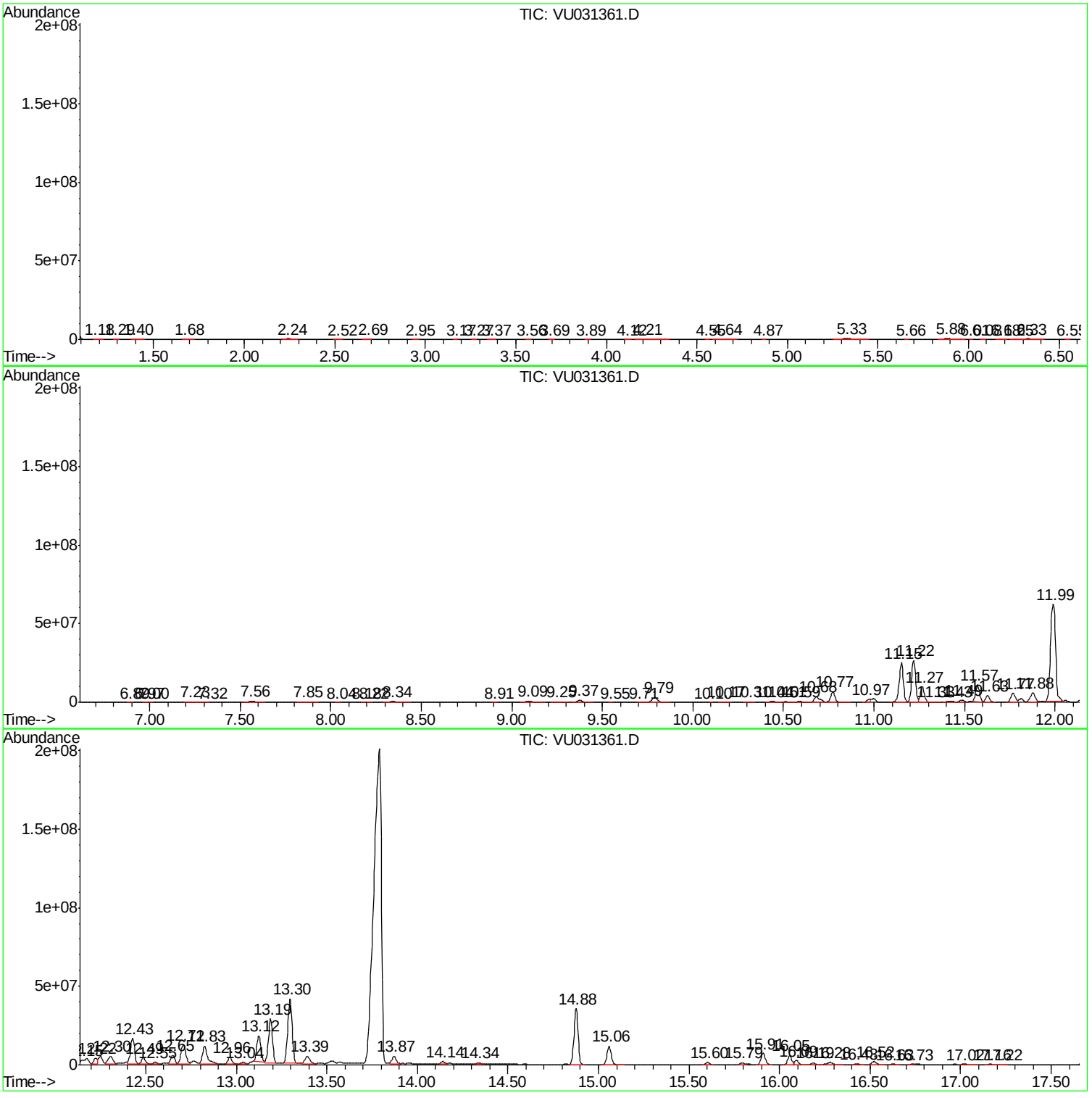
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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 : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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

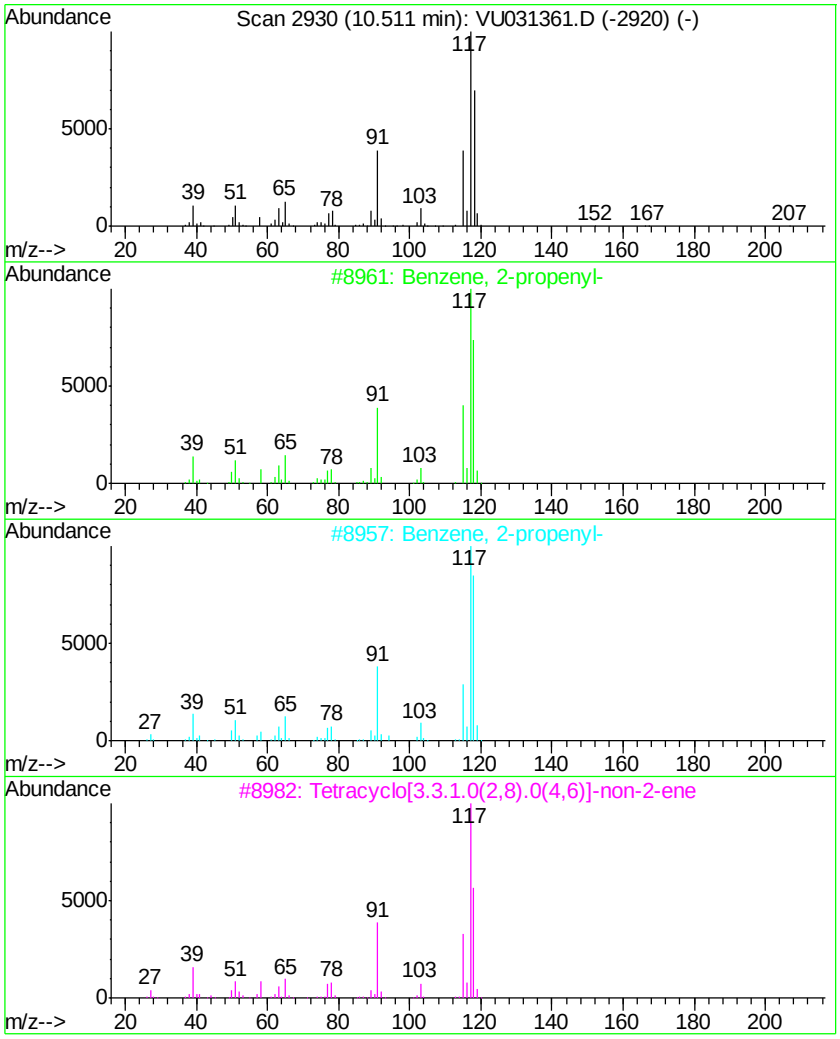
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

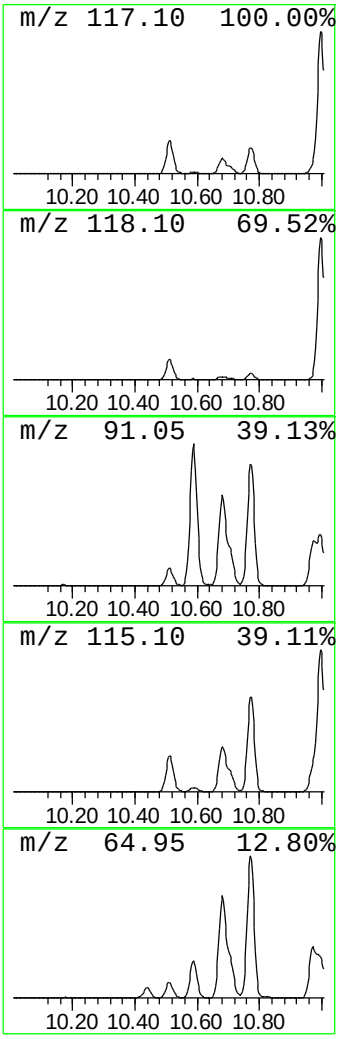
****

Peak Number 2 Benzene, 2-propenyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	12.76 ug/L	531639	1,4-Dichlorobenzene-d4	11.49

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	96
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	95
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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

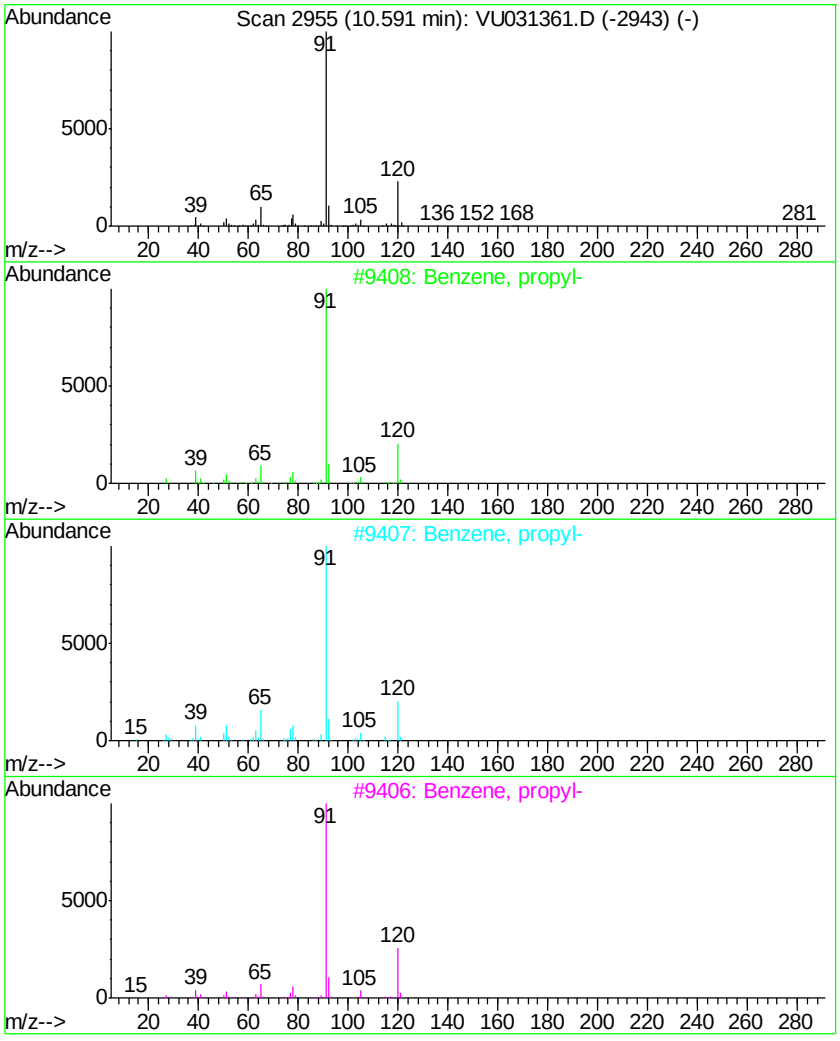
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

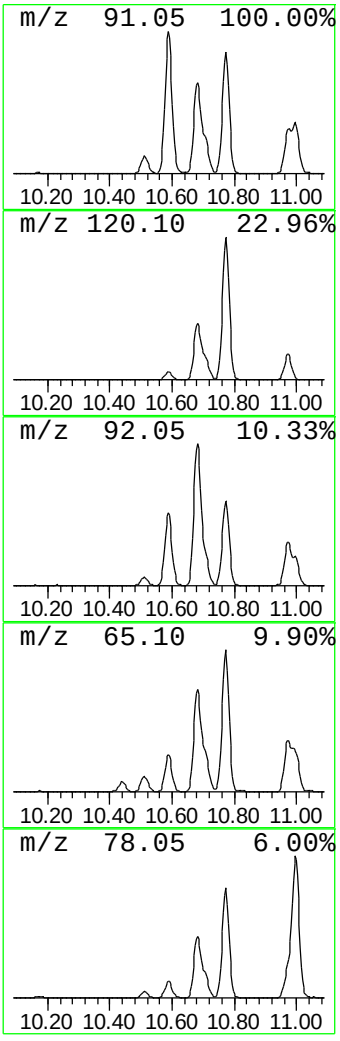
****

Peak Number 3 Benzene, propyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	20.24 ug/L	843247	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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

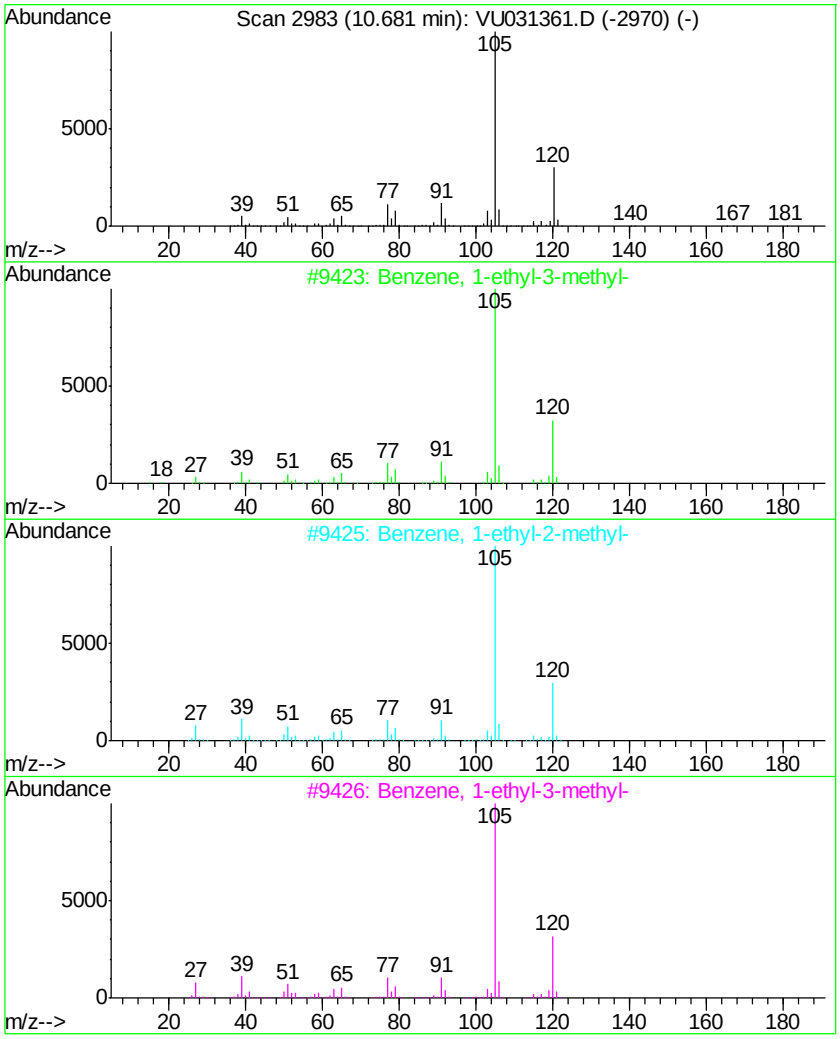
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

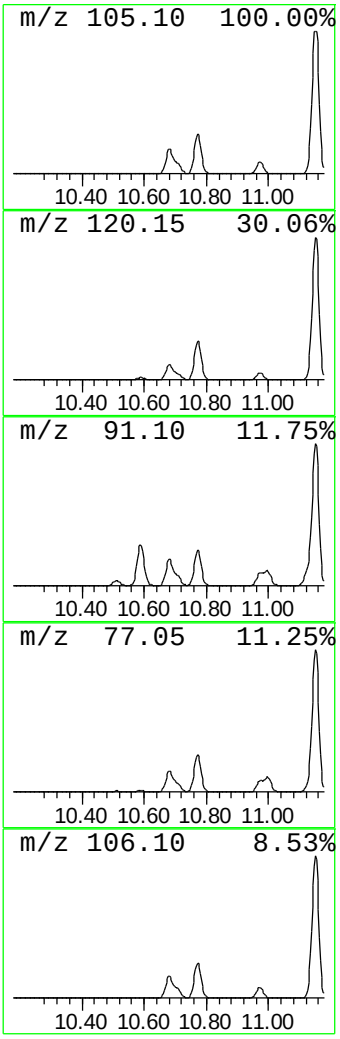
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	184.30 ug/L	7677190	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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

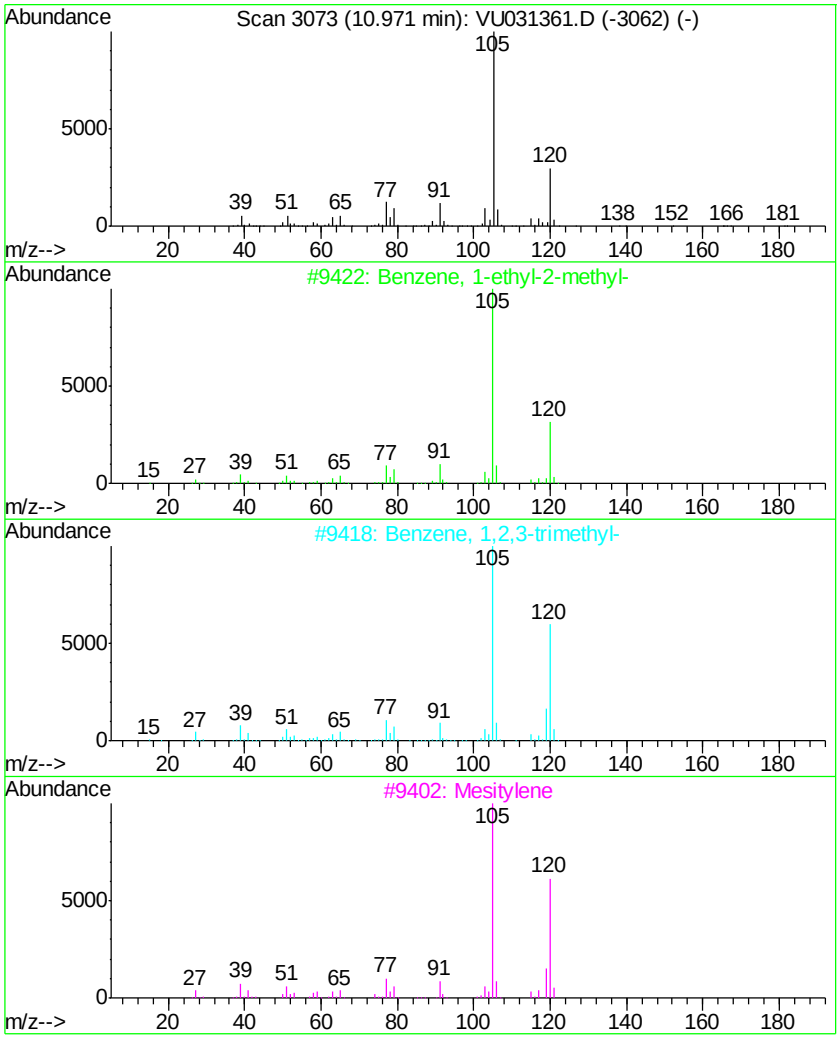
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

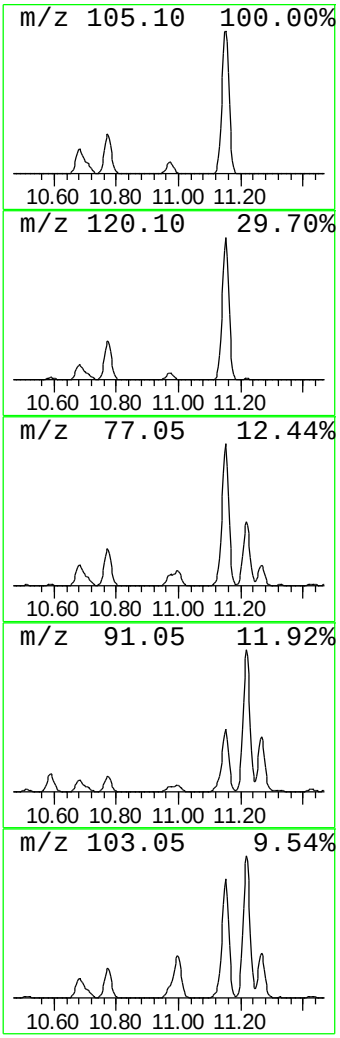
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	56.80 ug/L	2365880	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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

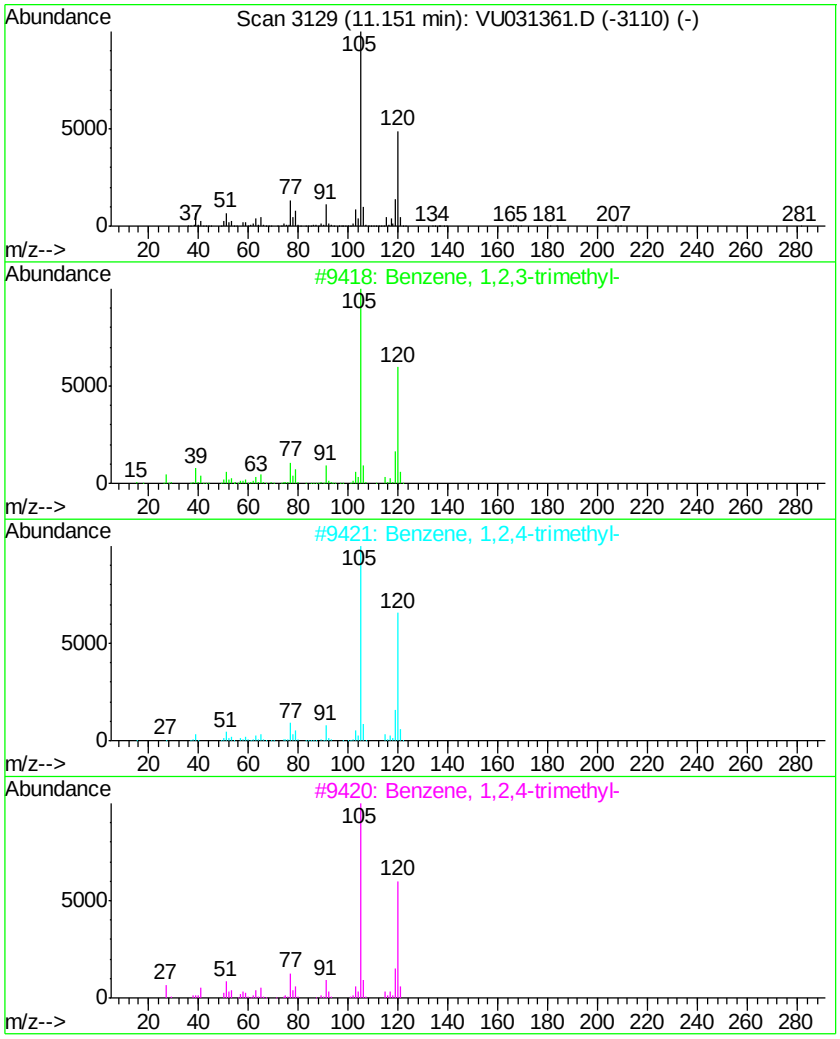
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

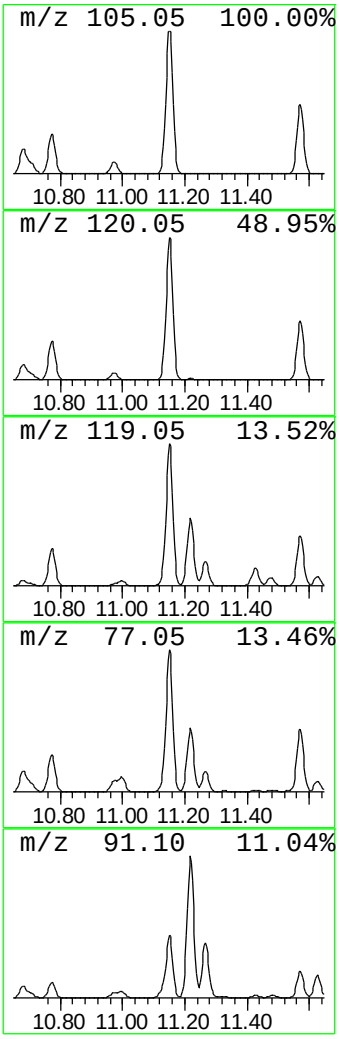
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	957.40 ug/L	39881200	1,4-Dichlorobenzene-d4	11.49

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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

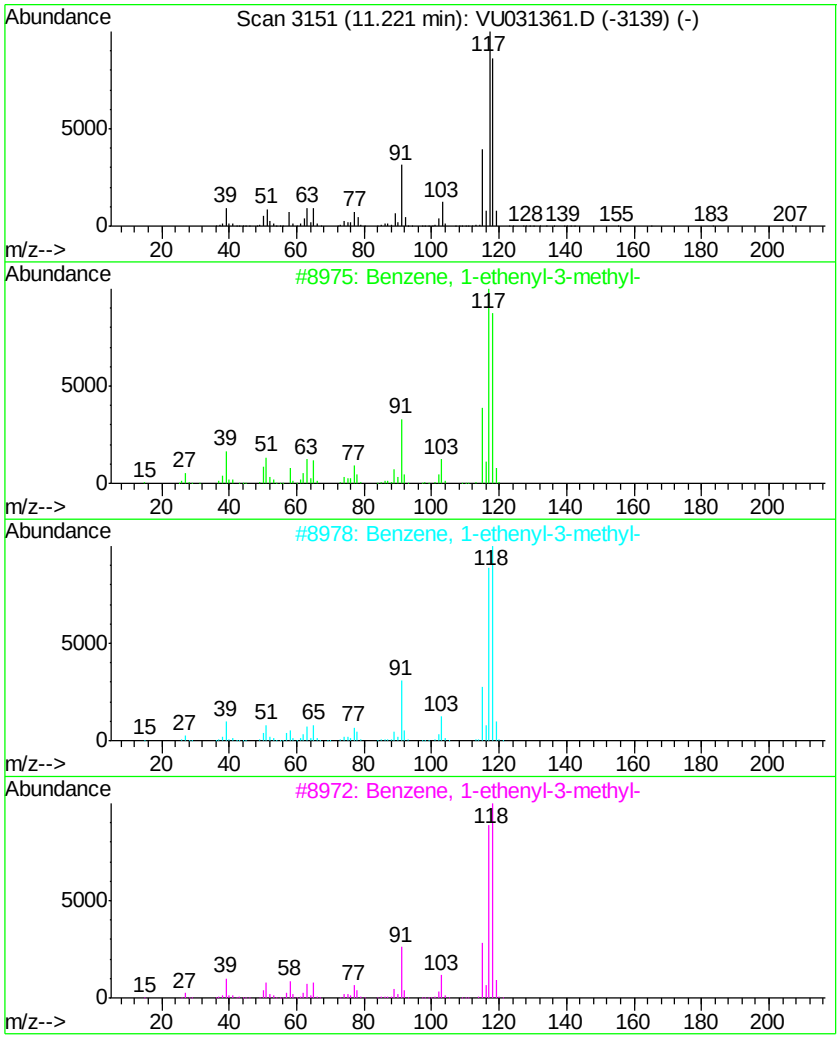
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

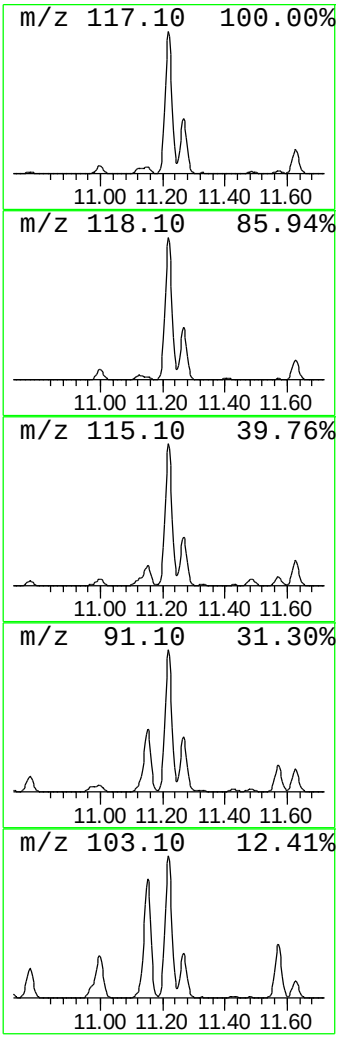
****

Peak Number 8 Benzene, 1-ethenyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	988.08 ug/L	41159500	1,4-Dichlorobenzene-d4	11.49

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, cyclopropyl-	118	C9H10	000873-49-4	94





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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

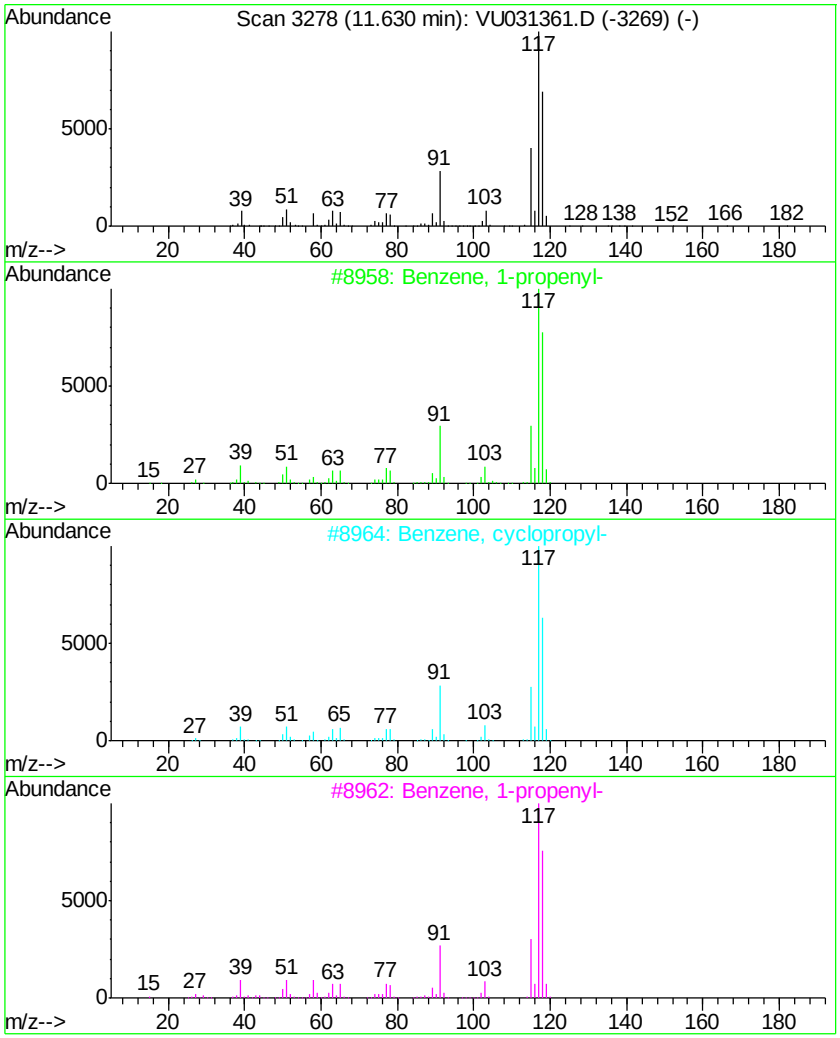
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

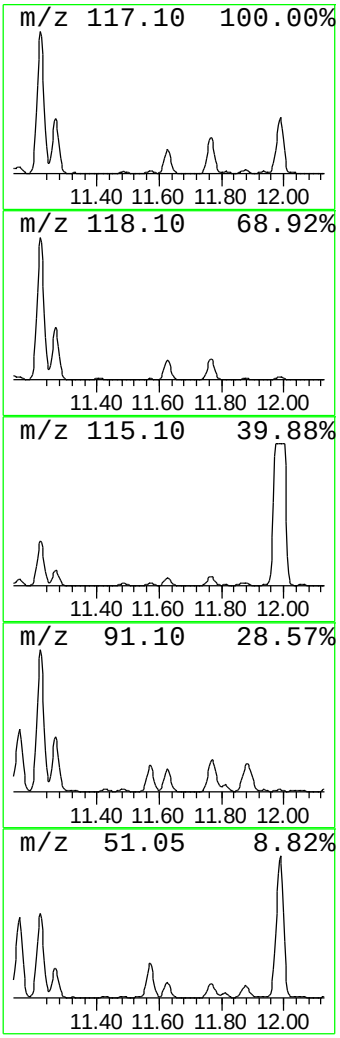
****

Peak Number 13 Benzene, 1-propenyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	153.63 ug/L	6399630	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	93





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Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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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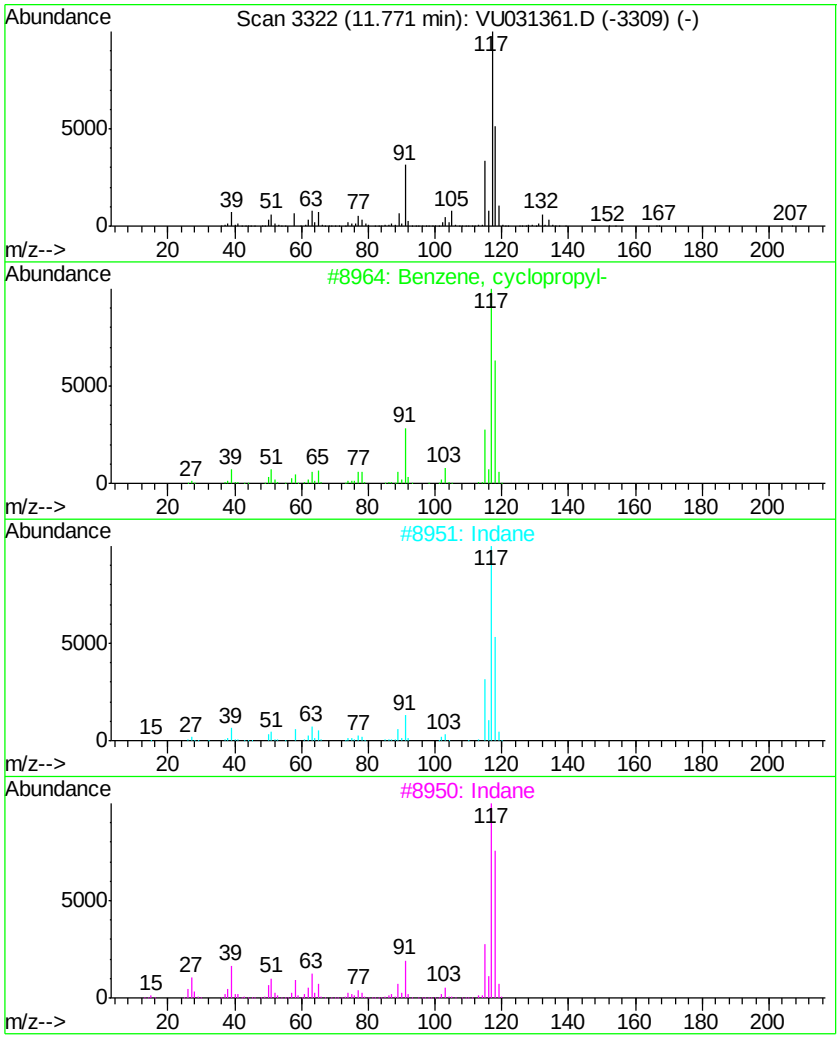
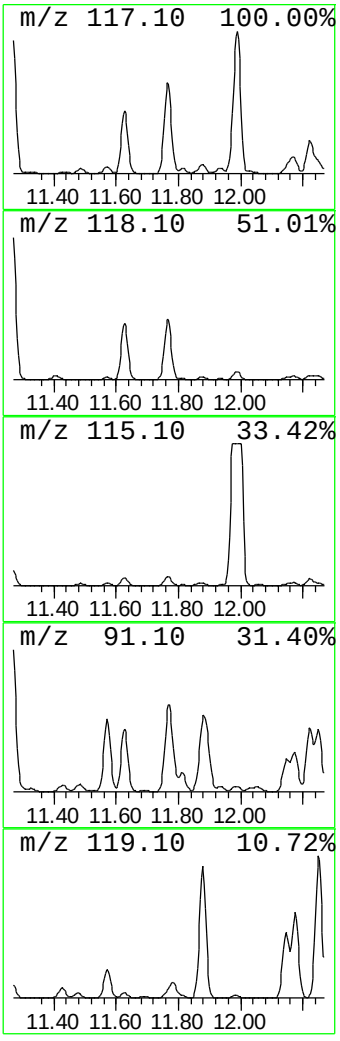
Peak Number 14 Benzene, cyclopropyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	240.02 ug/L	9998190	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
2	Indane	118	C9H10	000496-11-7	81
3	Indane	118	C9H10	000496-11-7	74
4	Indane	118	C9H10	000496-11-7	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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

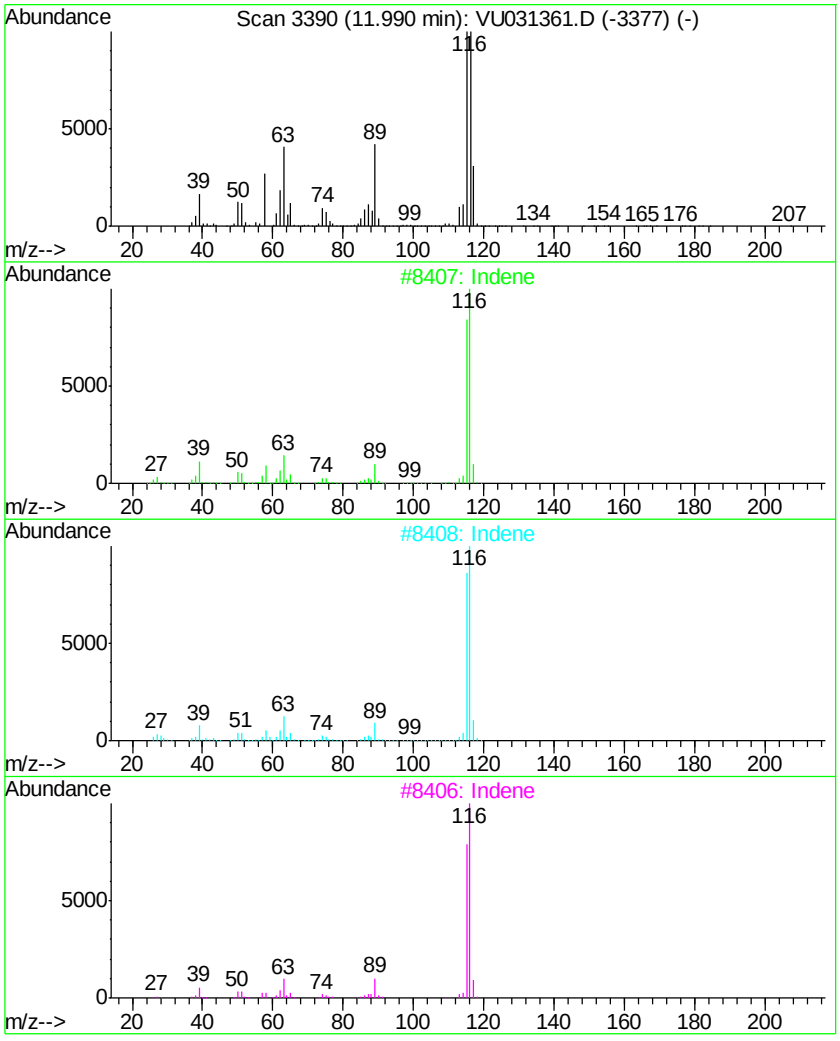
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

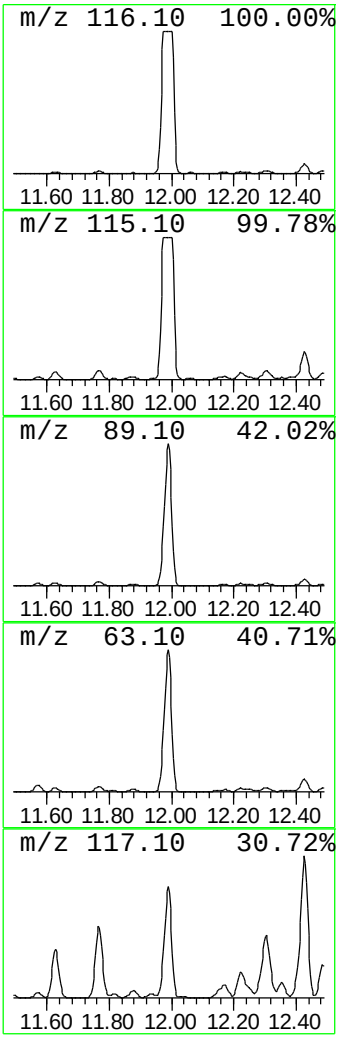
****

Peak Number 15 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2862.00 ug/L	119219000	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Indene	116	C9H8	000095-13-6	93
3	Indene	116	C9H8	000095-13-6	93
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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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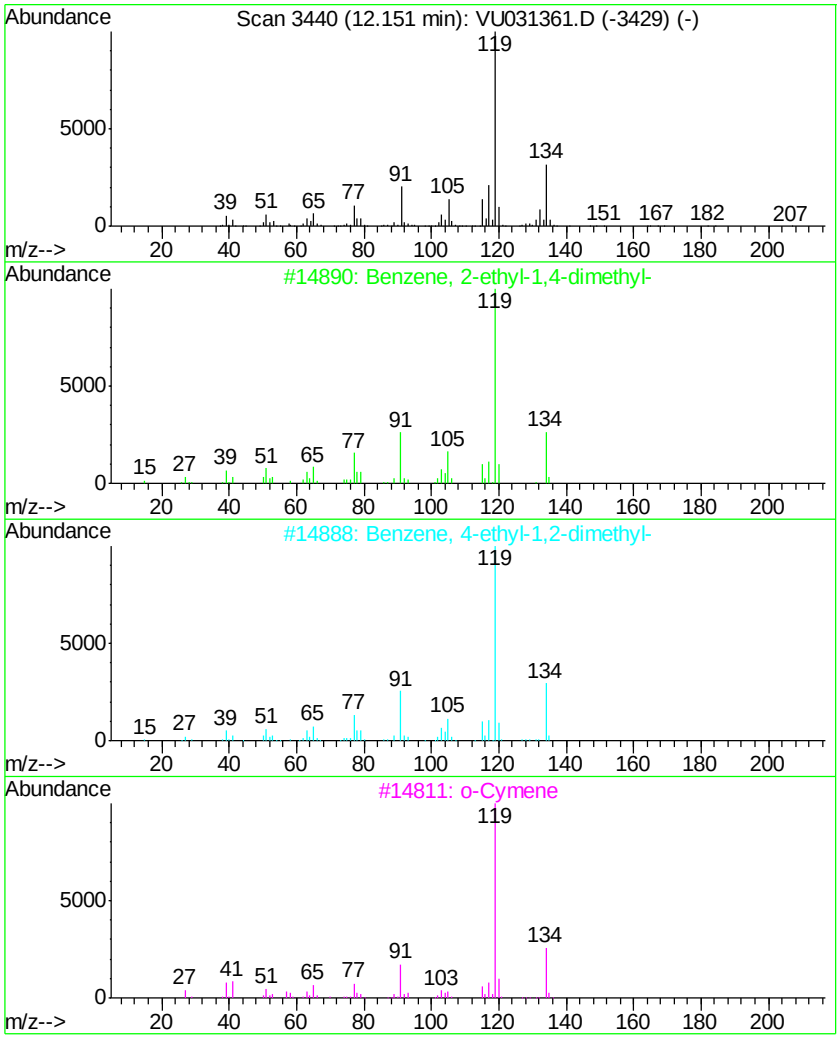
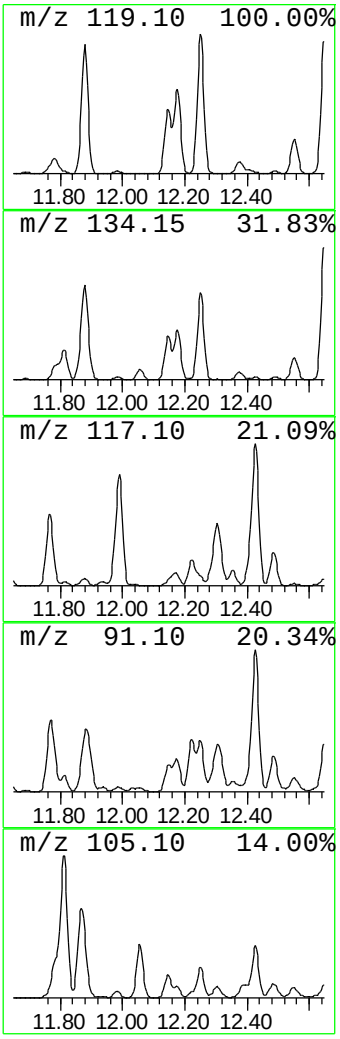
Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	97.32 ug/L	4053990	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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

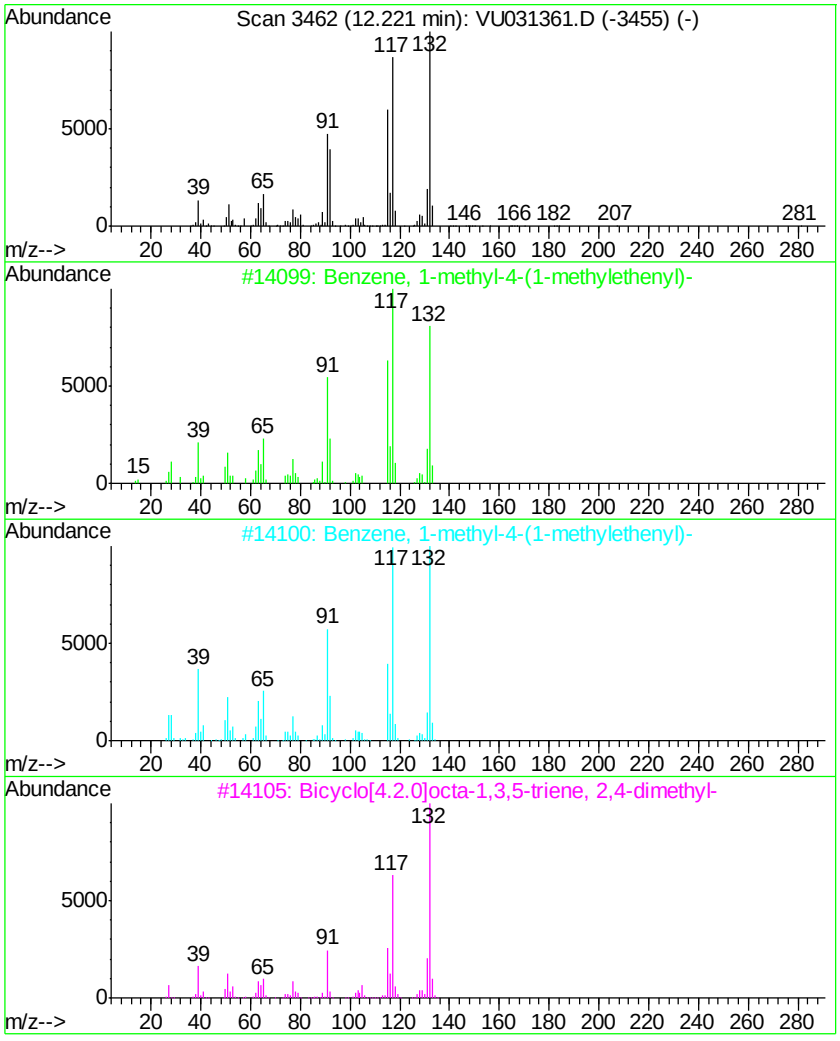
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

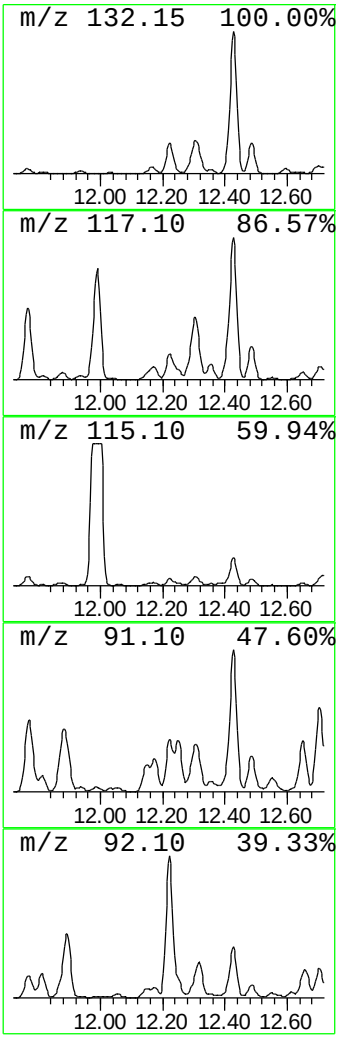
****

Peak Number 17 Benzene, 1-methyl-4-(1-meth... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	120.42 ug/L	5016110	1,4-Dichlorobenzene-d4	11.49

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-4-(1-methyleth...	132	C10H12	001195-32-0	81
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	81
4	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	81
5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	76





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Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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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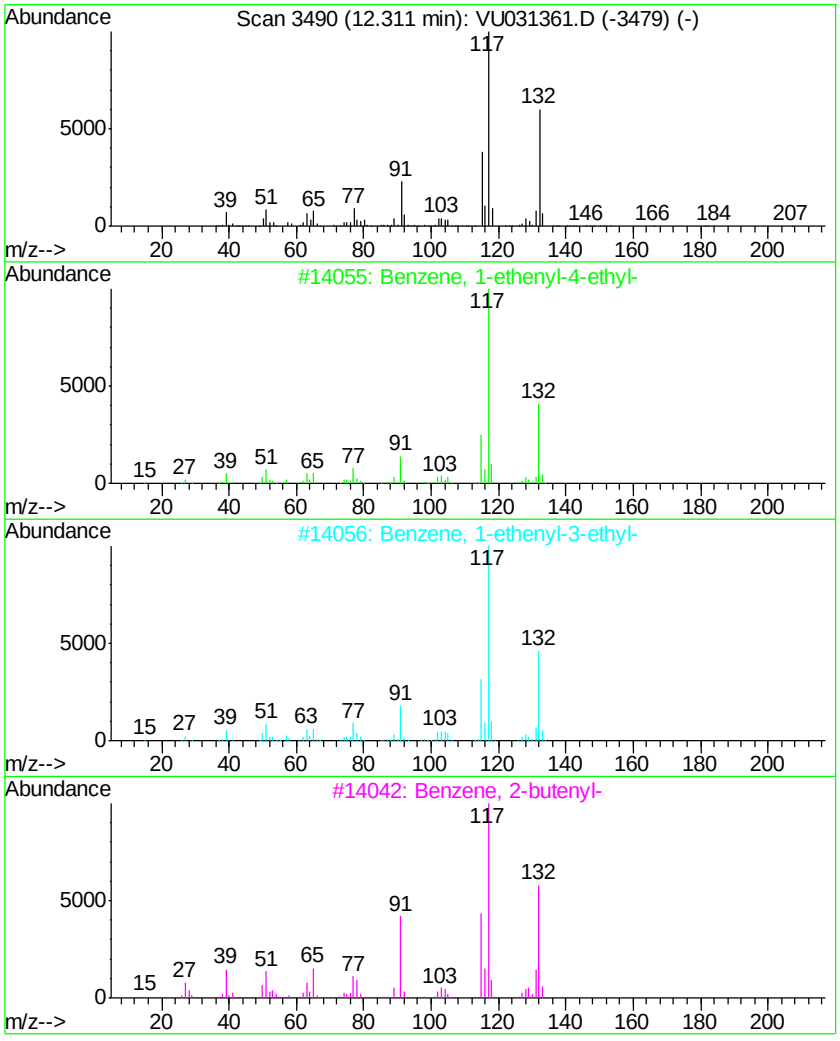
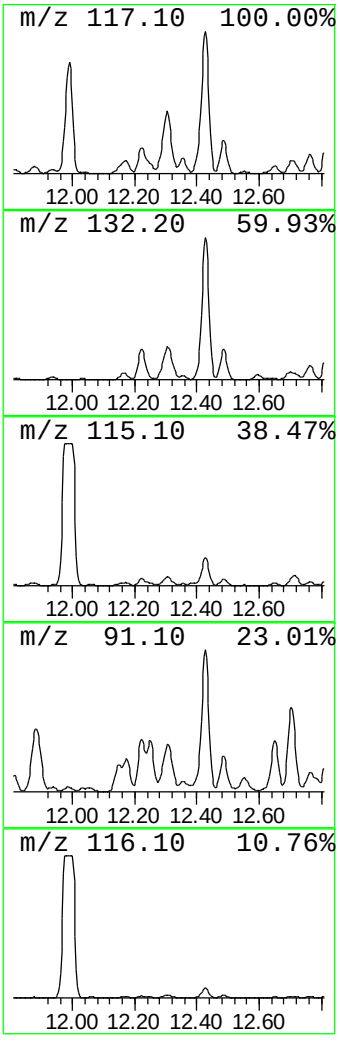
Peak Number 18 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	201.22 ug/L	8381760	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	97
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	96
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	91
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91





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Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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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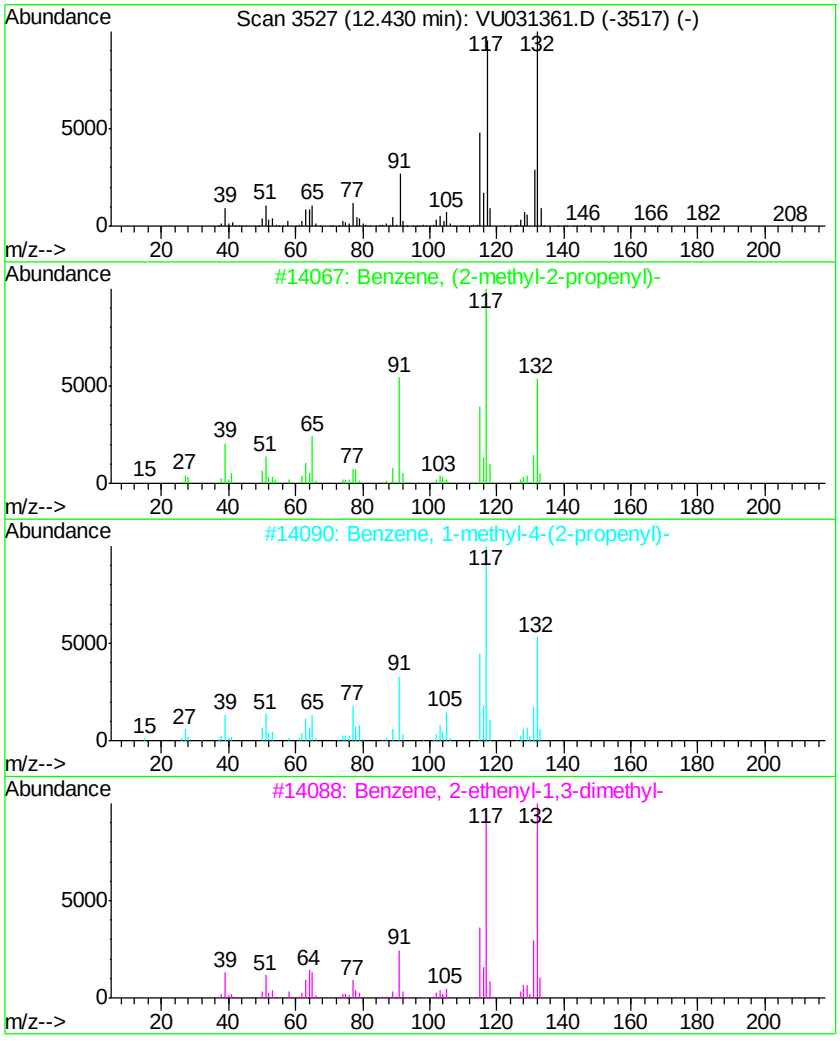
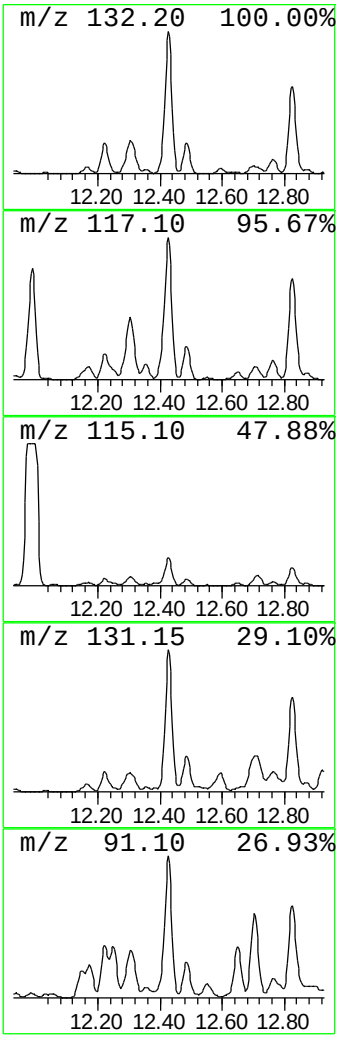
Peak Number 19 Benzene, (2-methyl-2-propen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	614.24 ug/L	25586800	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	94
5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94





Library Search Compound Report

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Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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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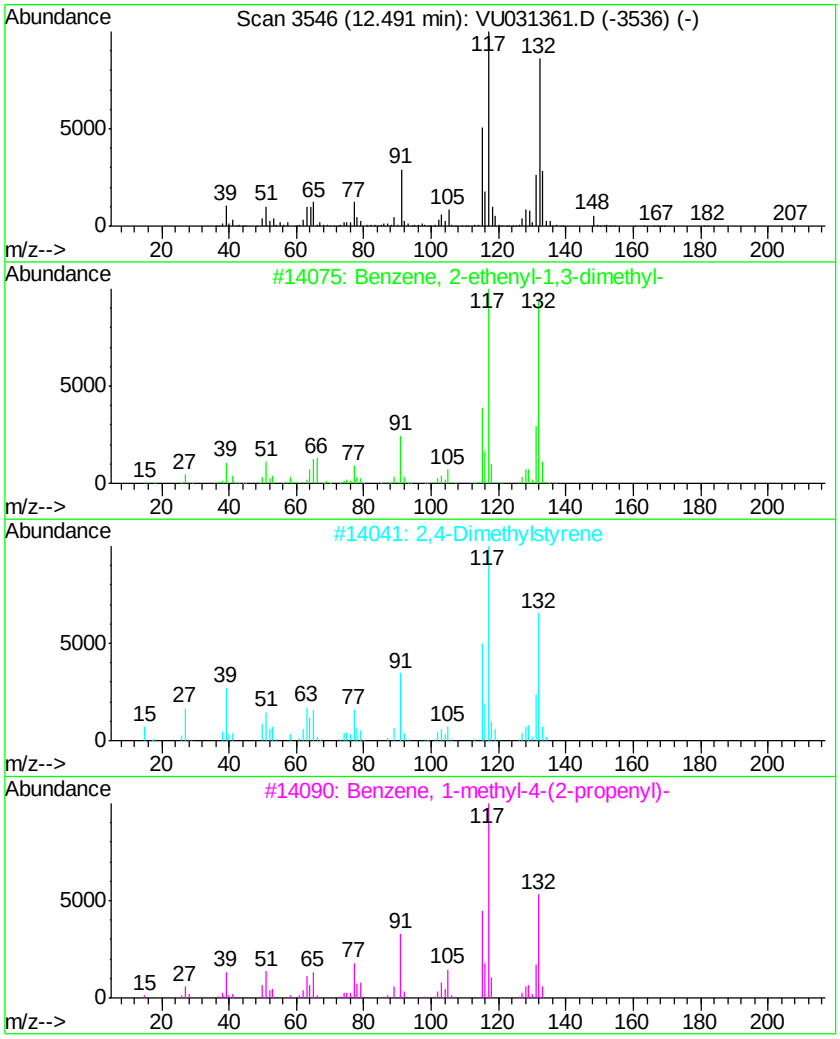
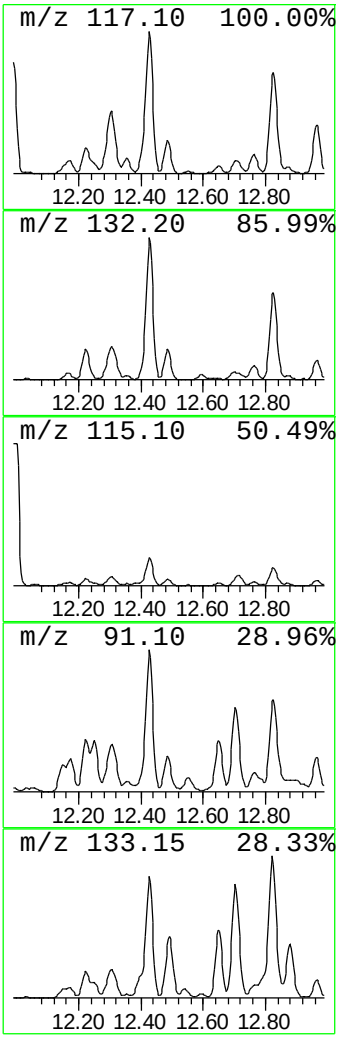
Peak Number 20 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	144.76 ug/L	6030230	1,4-Dichlorobenzene-d4	11.49

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





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Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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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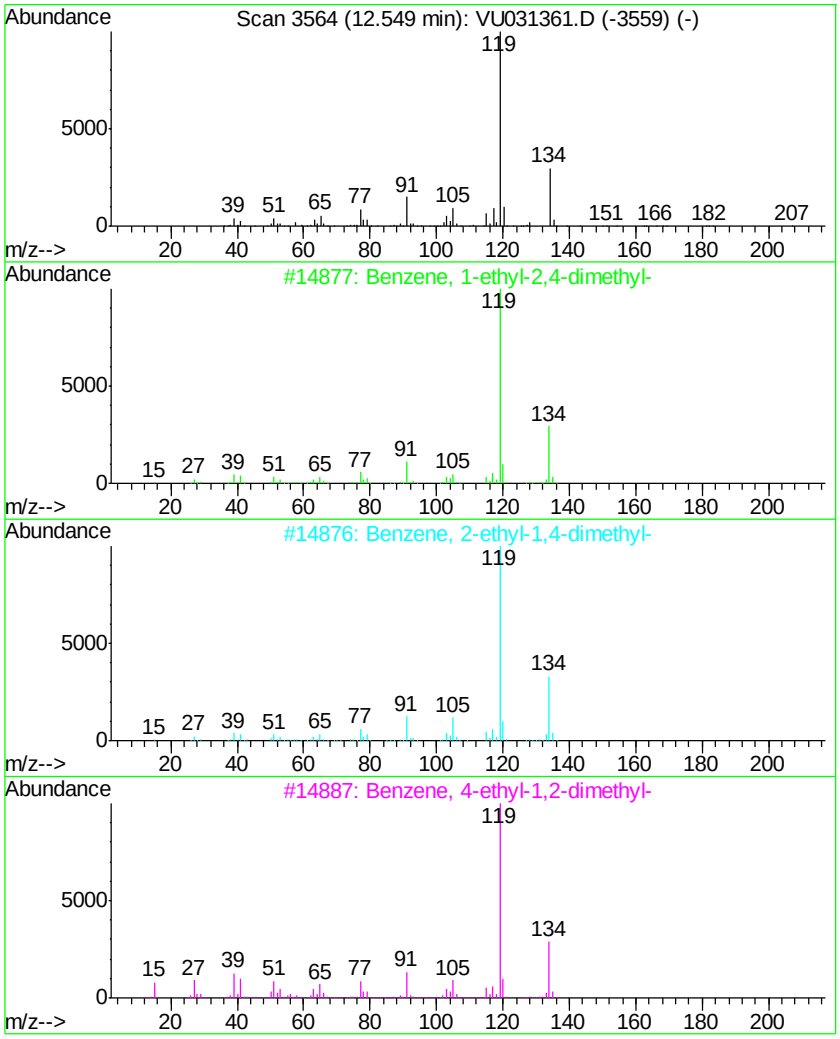
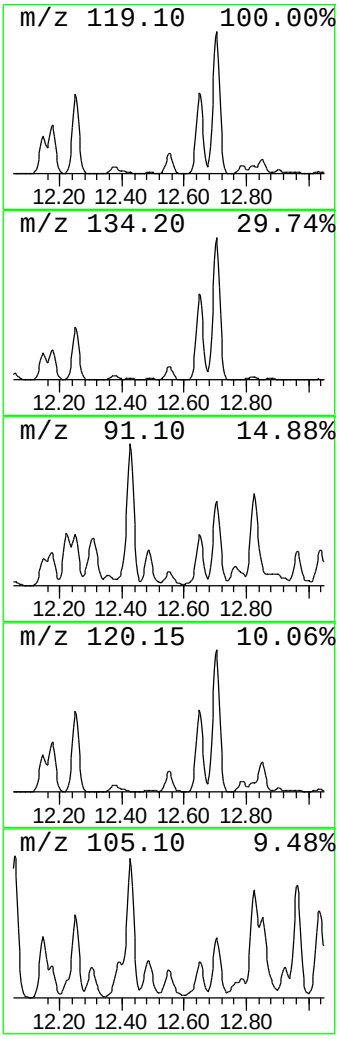
Peak Number 21 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	35.85 ug/L	1493340	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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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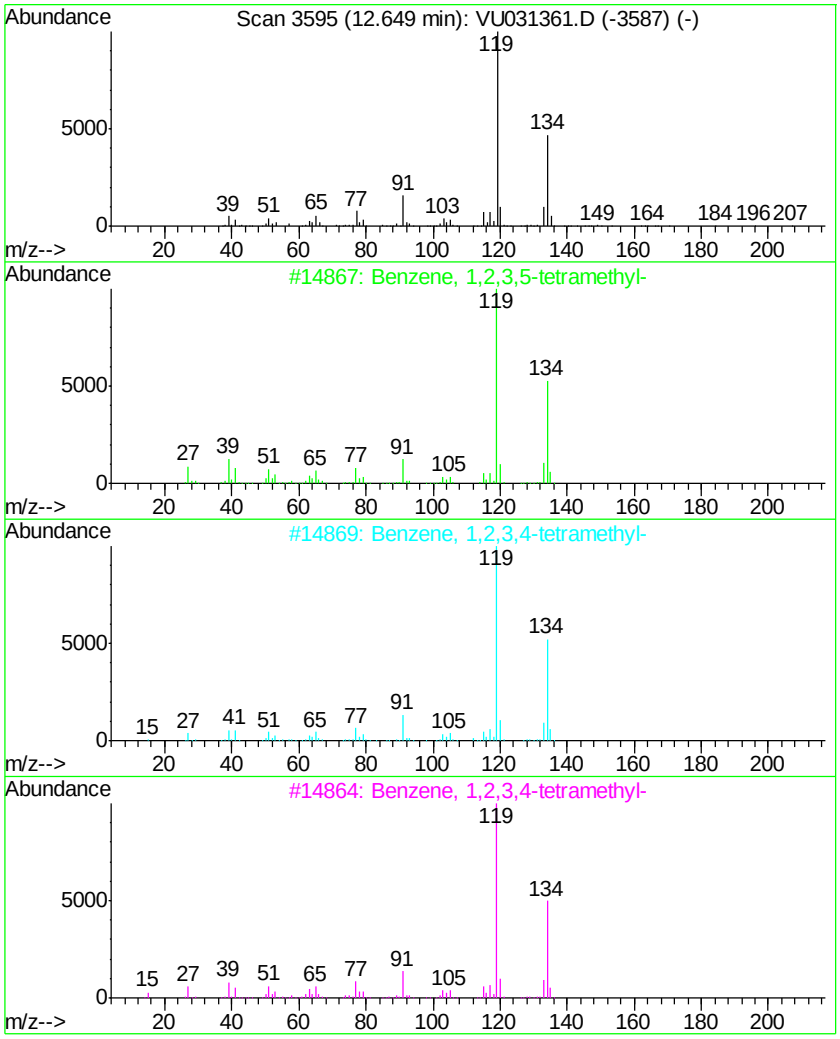
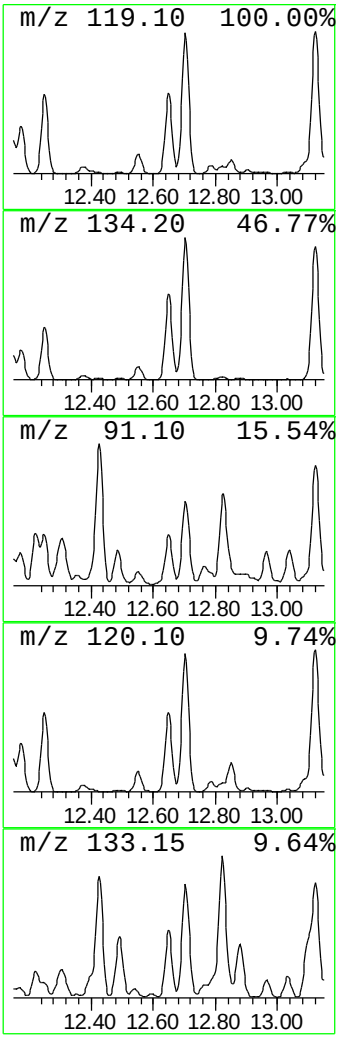
Peak Number 22 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	180.53 ug/L	7520170	1,4-Dichlorobenzene-d4	11.49

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





Library Search Compound Report

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Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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

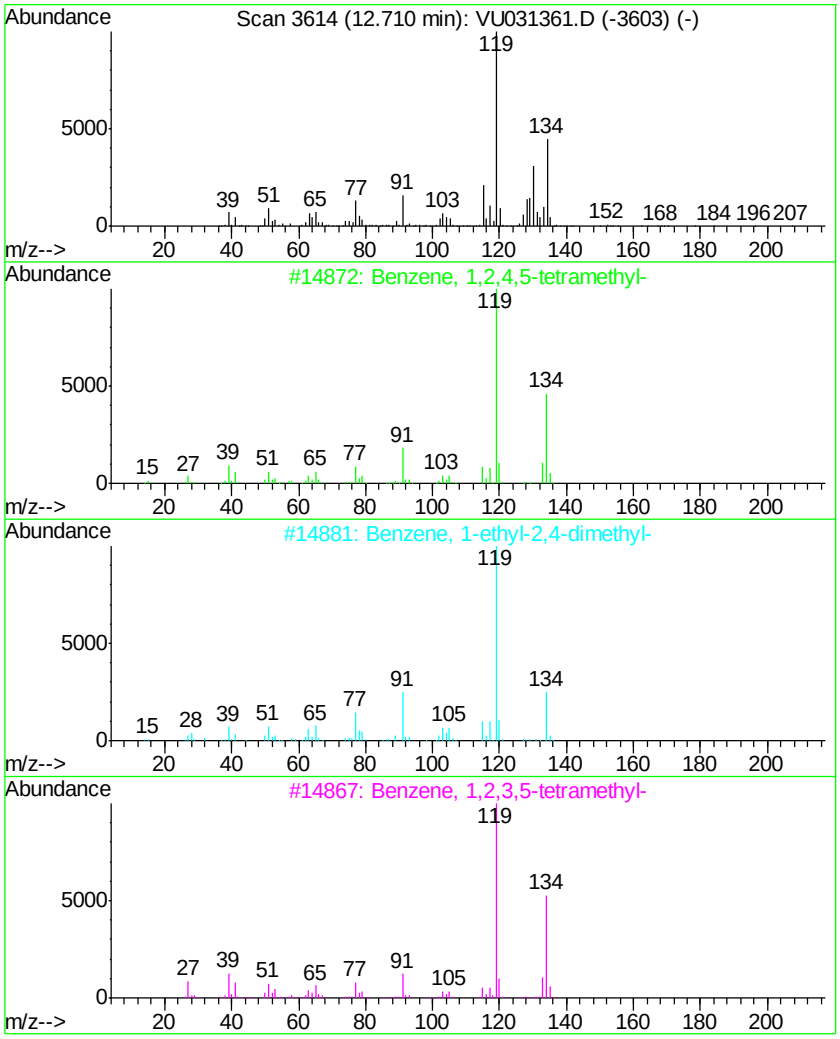
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

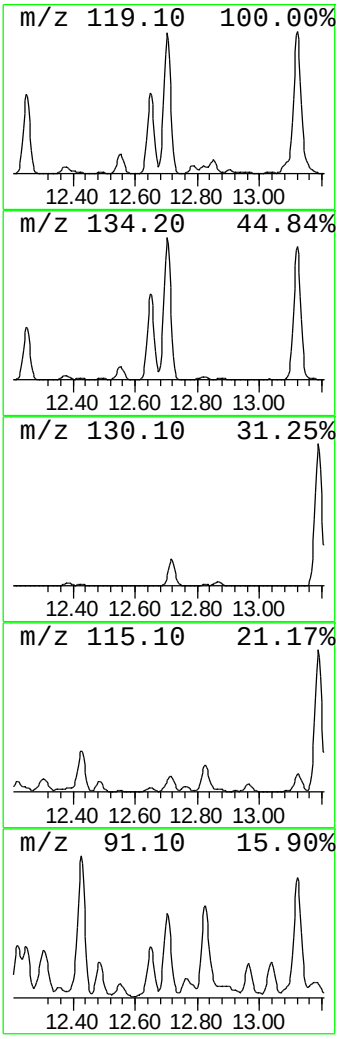
****

Peak Number 23 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	540.96 ug/L	22534300	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76





Library Search Compound Report

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Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

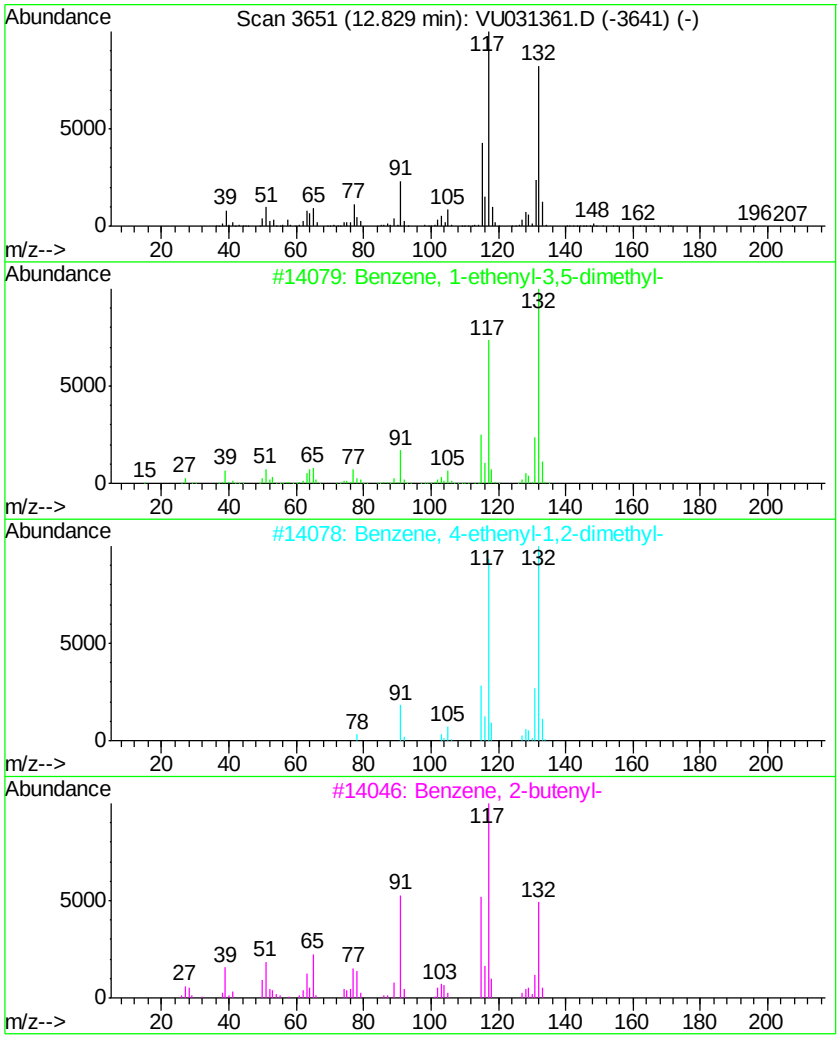
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

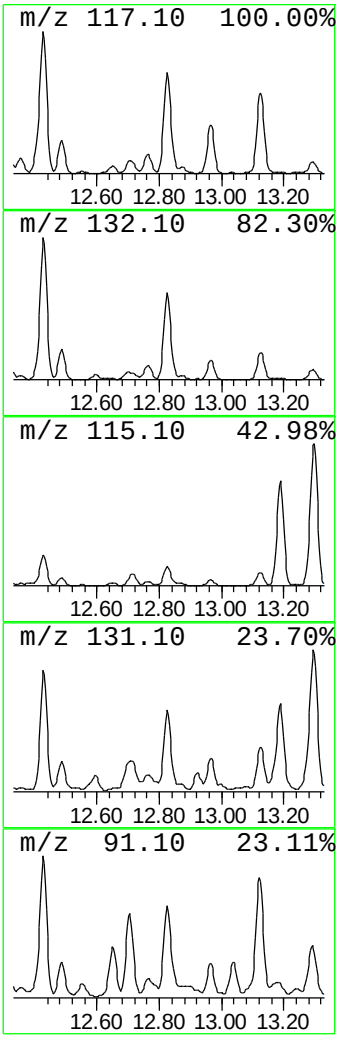
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	505.53 ug/L	21058300	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	94
5	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	94





Library Search Compound Report

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Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

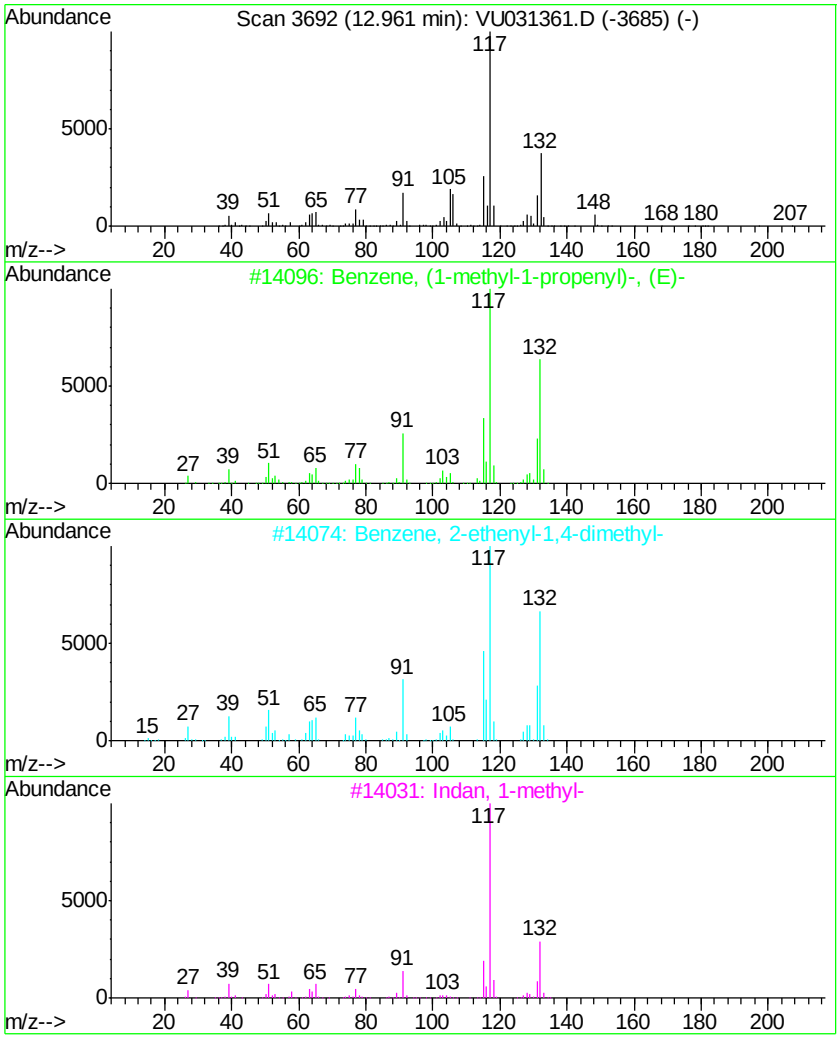
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

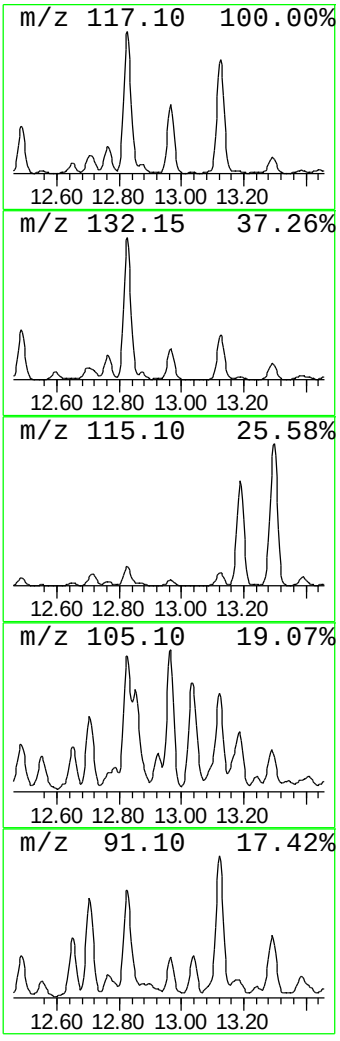
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, (1-methyl-1-propen... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	155.98 ug/L	6497620	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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

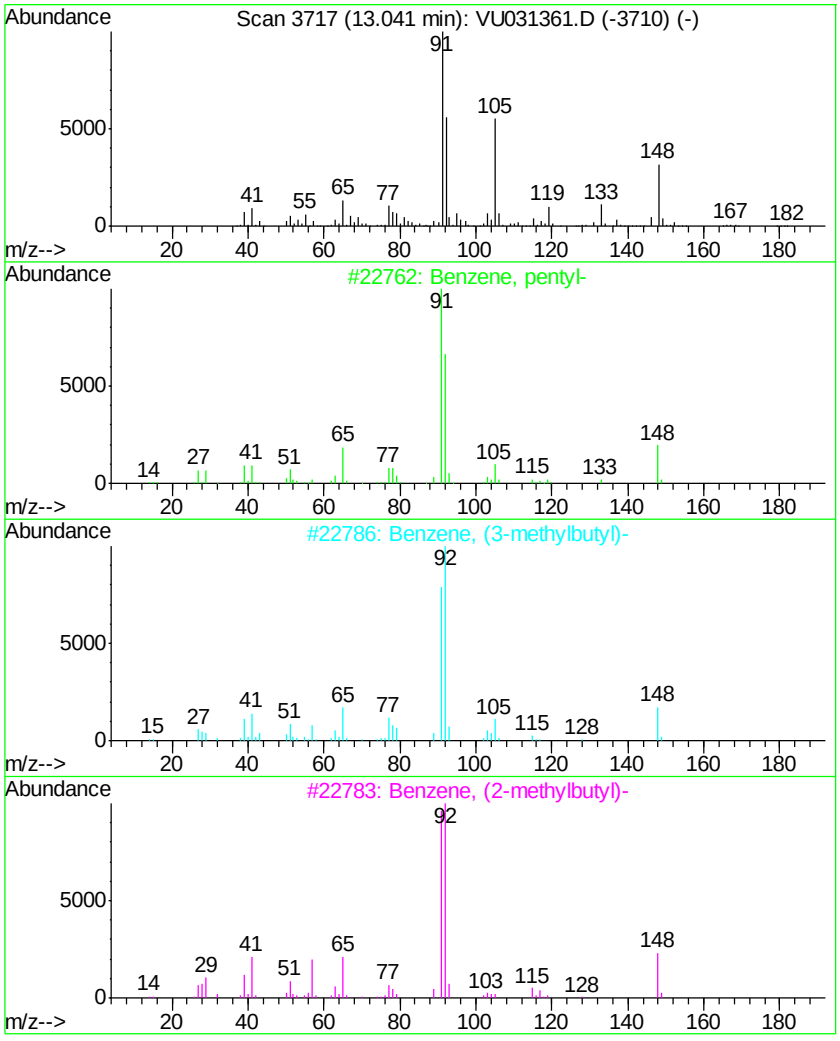
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

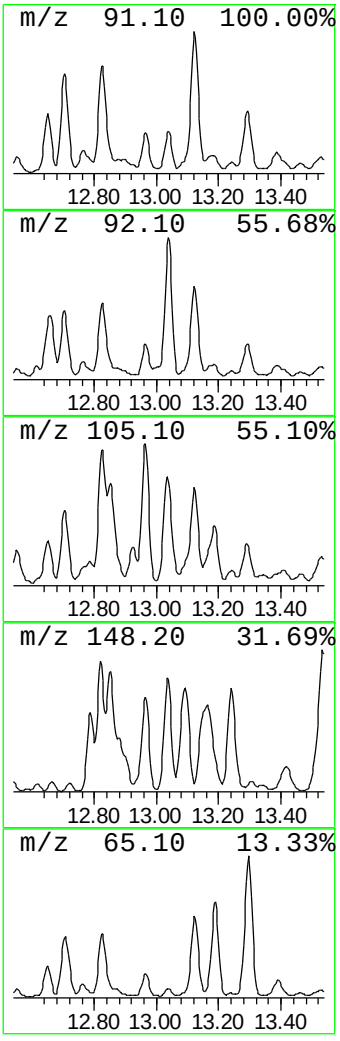
****

Peak Number 26 Benzene, pentyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	29.15 ug/L	1214380	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentyl-	148	C11H16	000538-68-1	80
2	Benzene, (3-methylbutyl)-	148	C11H16	002049-94-7	64
3	Benzene, (2-methylbutyl)-	148	C11H16	003968-85-2	58
4	7-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-88-5	43
5	Toluene	92	C7H8	000108-88-3	38





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Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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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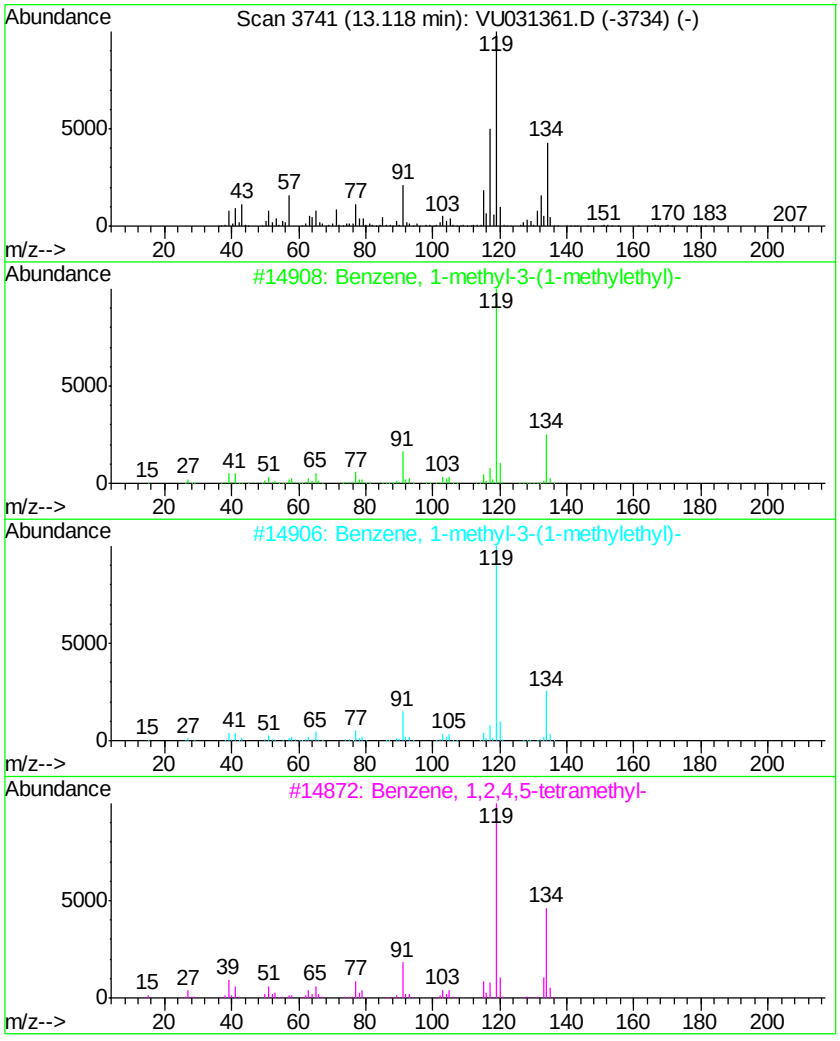
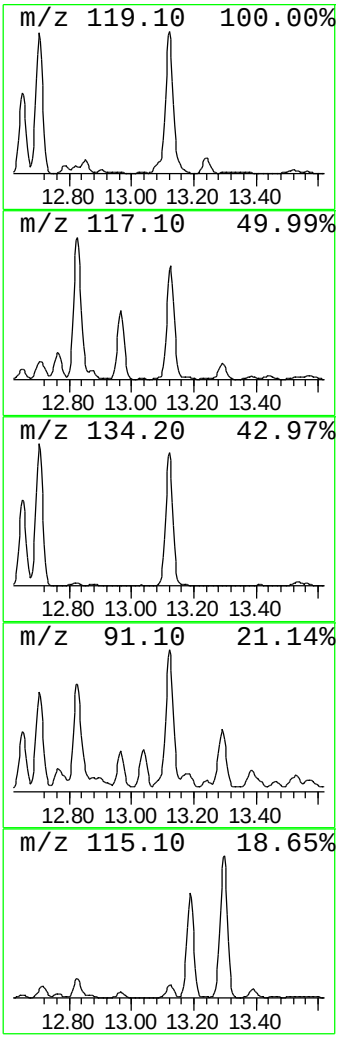
Peak Number 27 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	629.00 ug/L	26201700	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
4	o-Cymene	134	C10H14	000527-84-4	60
5	p-Cymene	134	C10H14	000099-87-6	60





Library Search Compound Report

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Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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

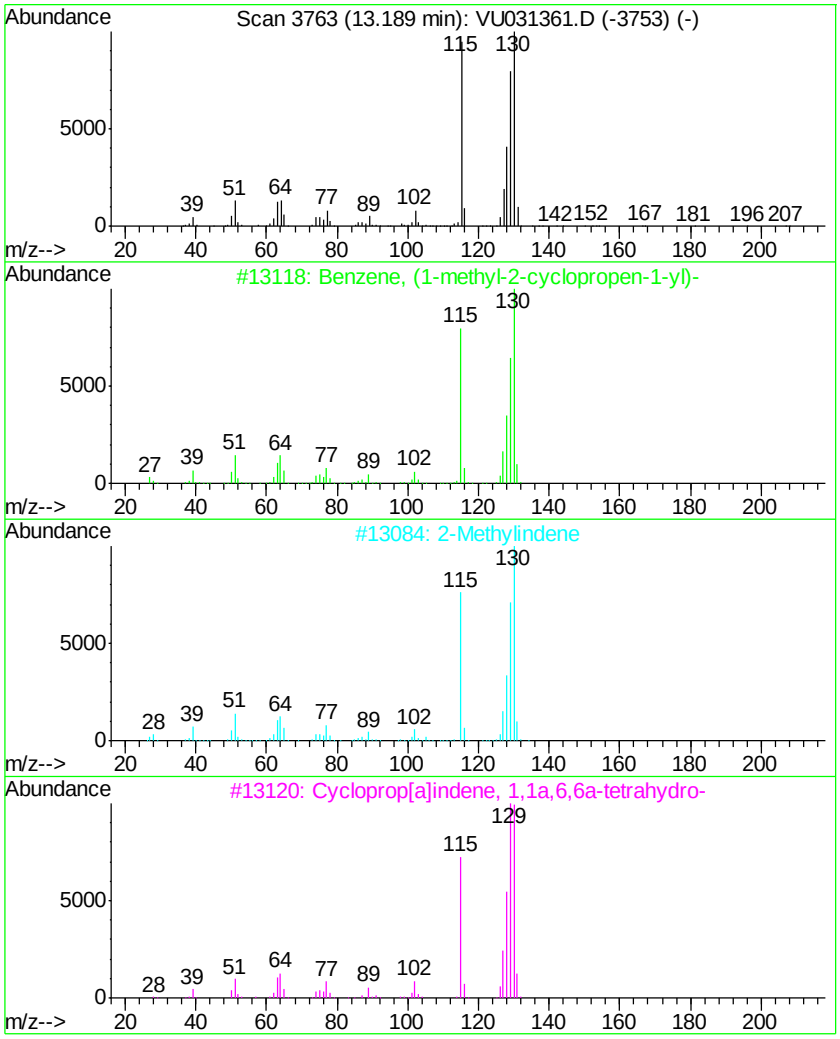
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

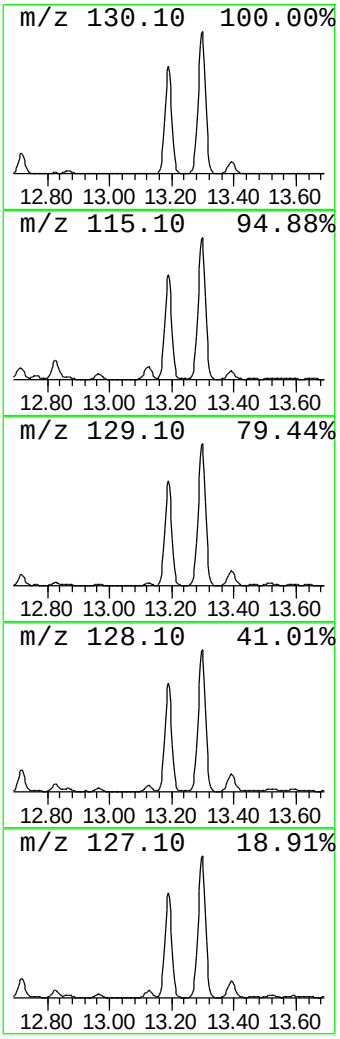
****

Peak Number 28 Benzene, (1-methyl-2-cyclop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	1071.34 ug/L	44627700	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2	2-Methylindene	130	C10H10	002177-47-1	97
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94





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Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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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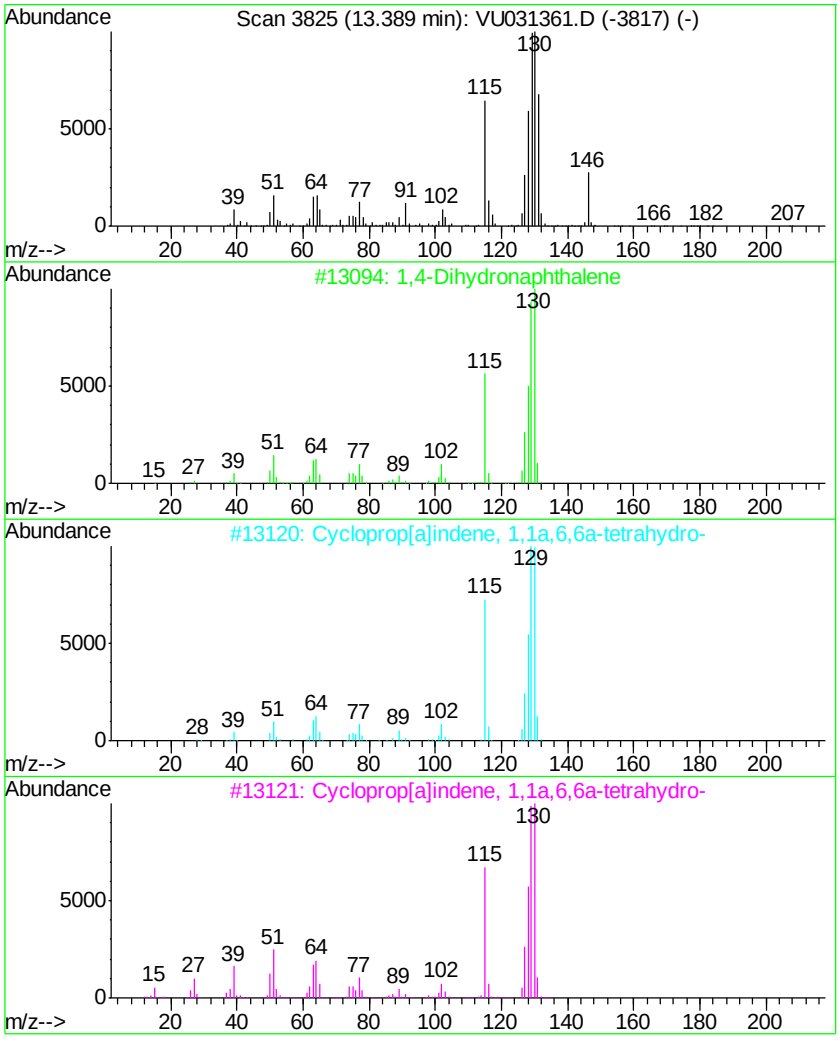
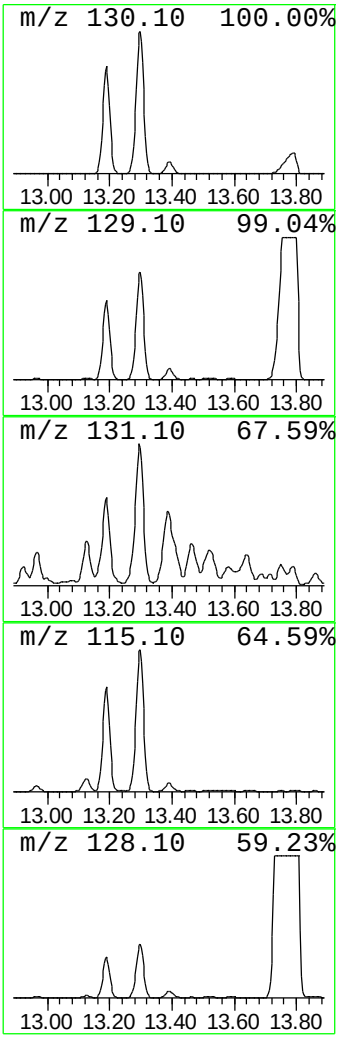
Peak Number 30 1,4-Dihydronaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	210.09 ug/L	8751430	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	83
4	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	78
5	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	64





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Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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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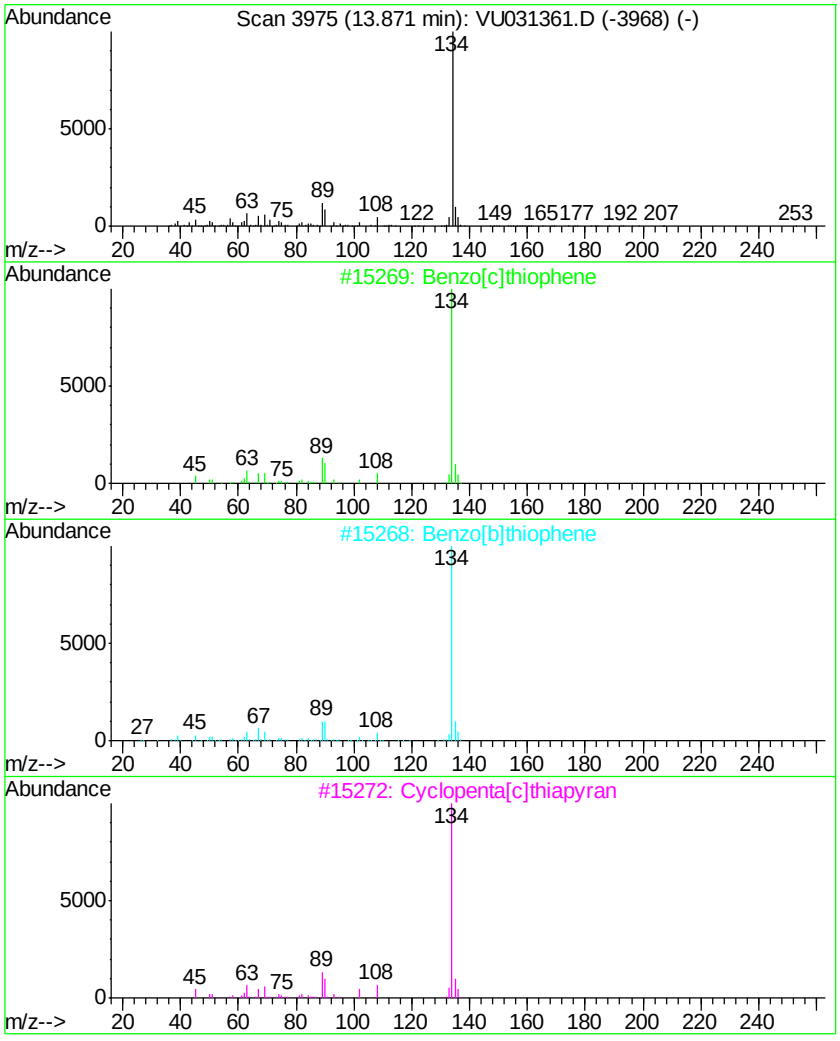
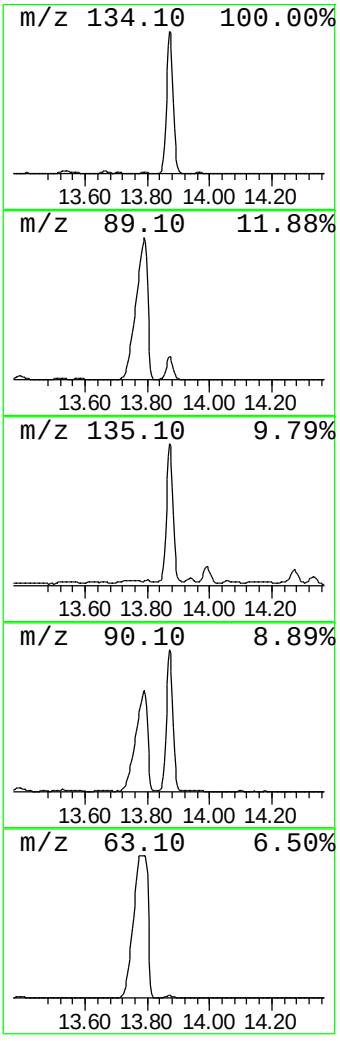
Peak Number 31 Benzo[c]thiophene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	175.47 ug/L	7309180	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

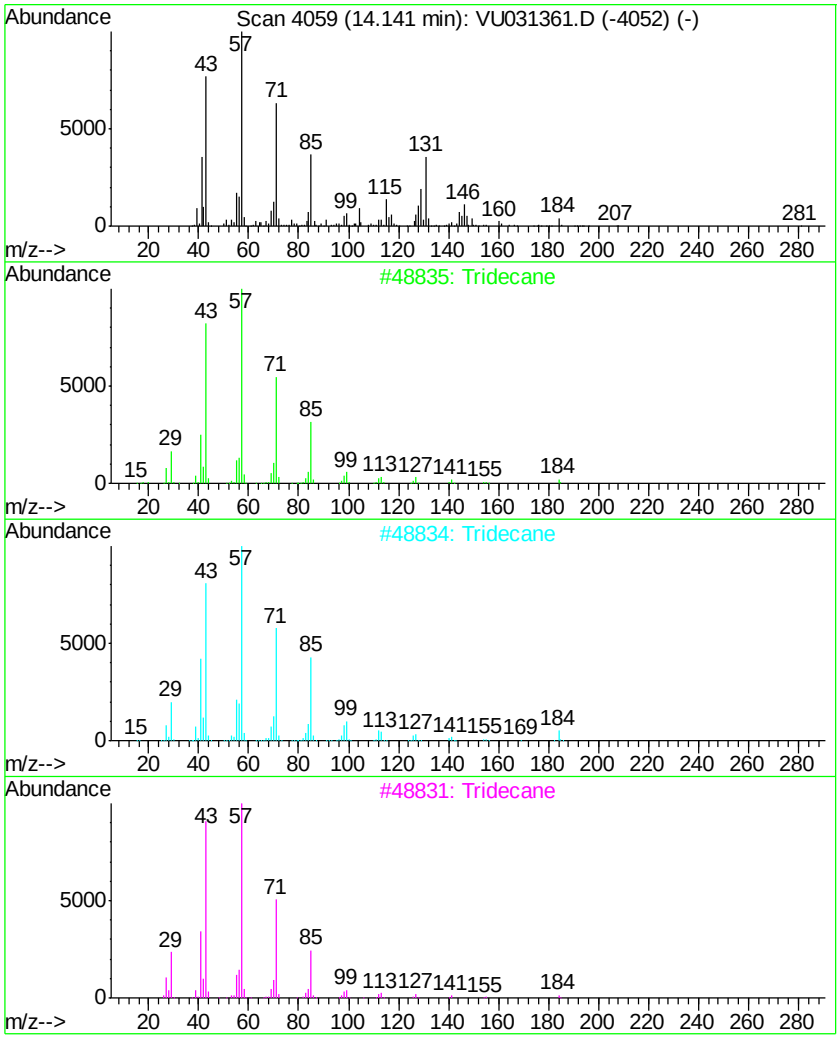
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

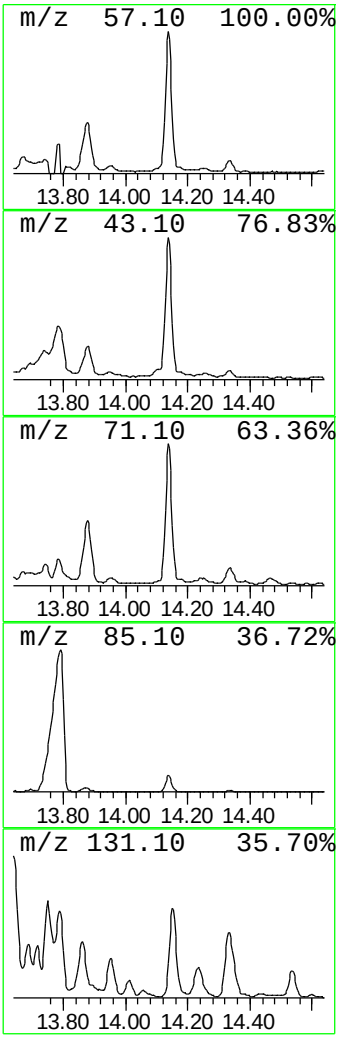
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	50.46 ug/L	2102150	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tridecane	184	C13H28	000629-50-5	74
3	Tridecane	184	C13H28	000629-50-5	55
4	4-Octanone	128	C8H16O	000589-63-9	46
5	4-Octanone	128	C8H16O	000589-63-9	46





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Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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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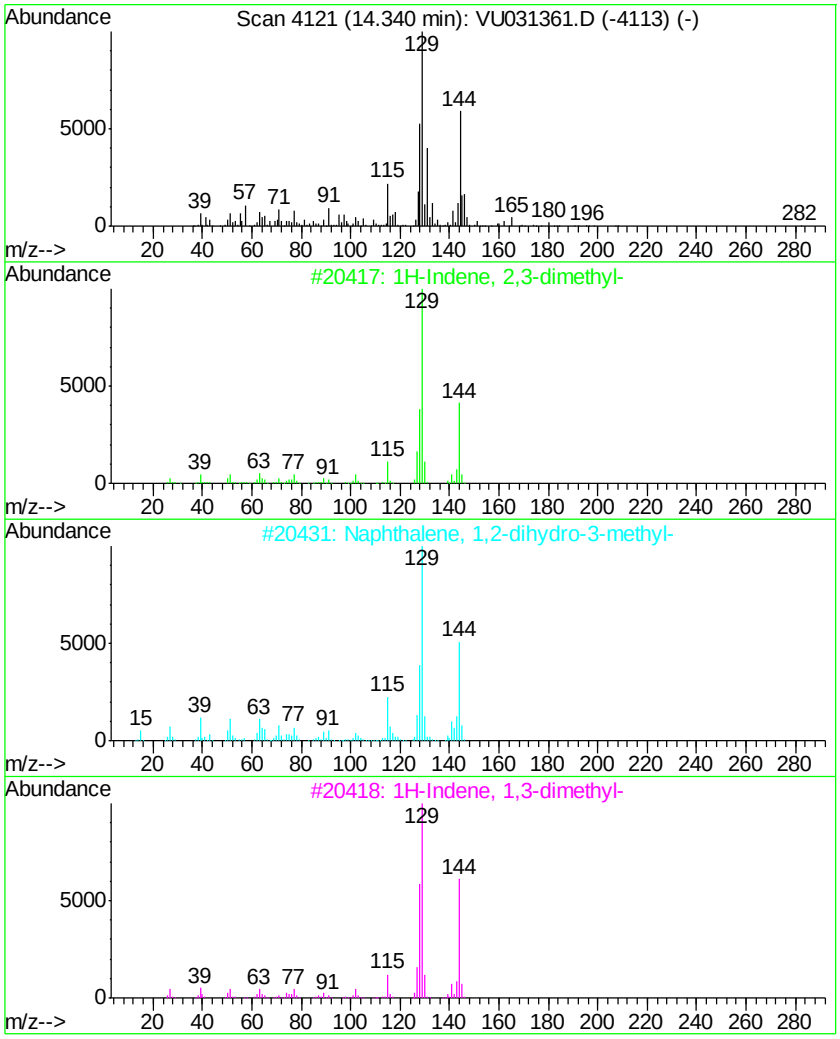
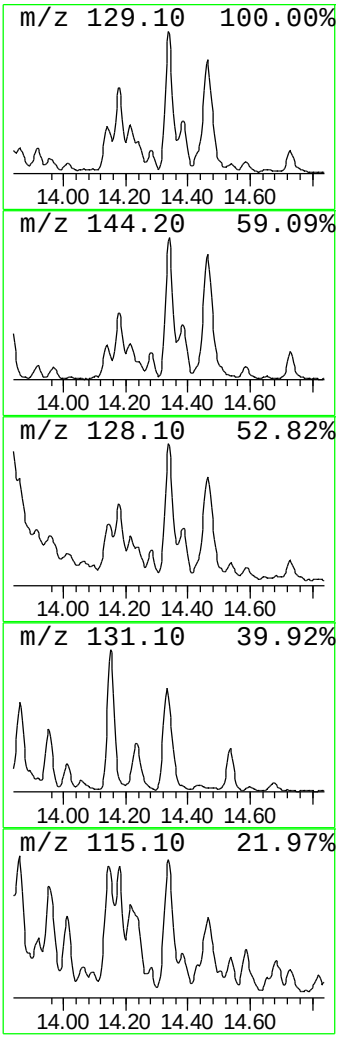
Peak Number 33 1H-Indene, 2,3-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	32.96 ug/L	1372920	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	93
2	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	83
3	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	76
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	76
5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	76





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
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Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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

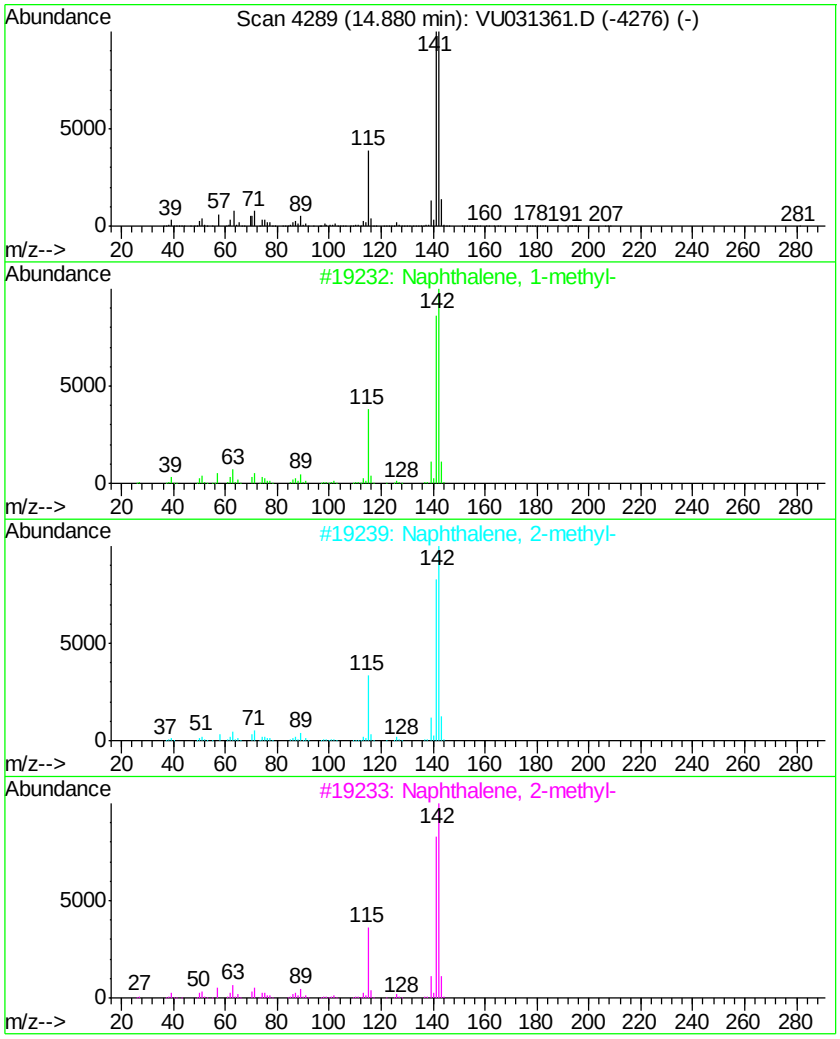
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

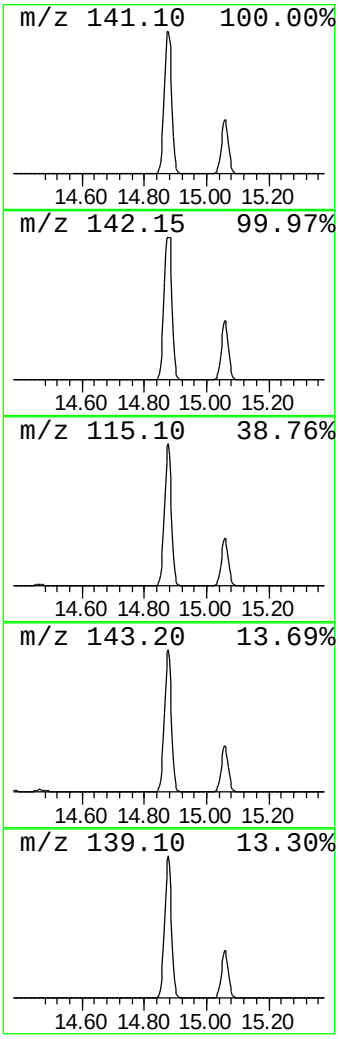
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	1327.00 ug/L	55277100	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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

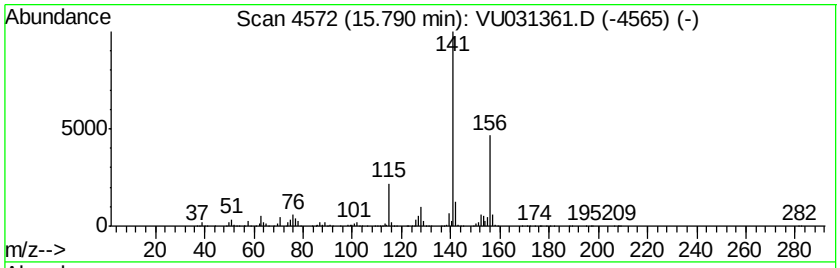
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

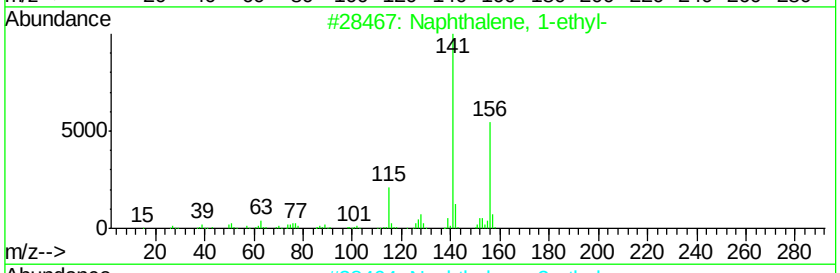
****

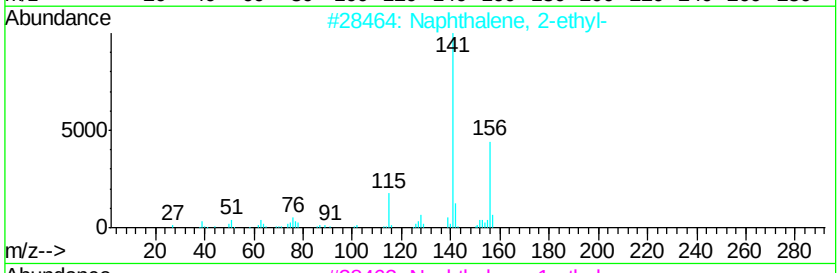
Peak Number 37 Naphthalene, 1-ethyl- Concentration Rank 34

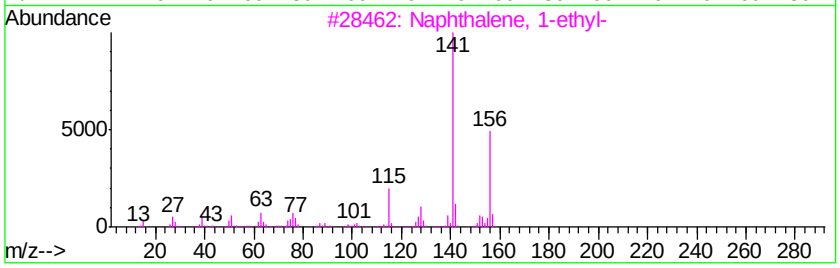
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	47.94 ug/L	1997010	1,4-Dichlorobenzene-d4	11.49

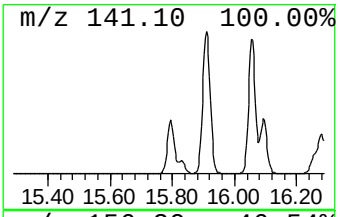
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93

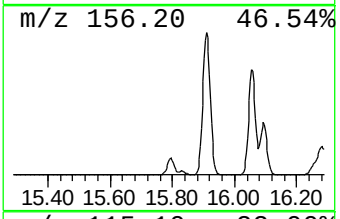


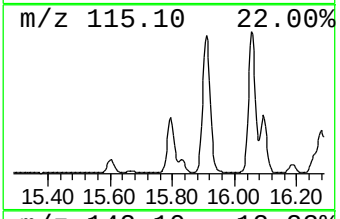


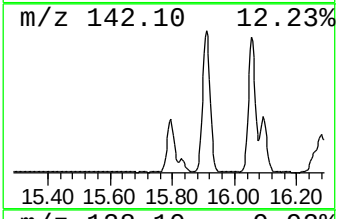


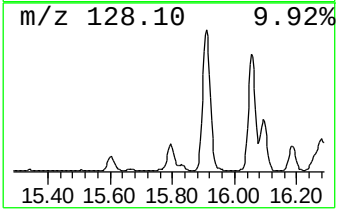












Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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

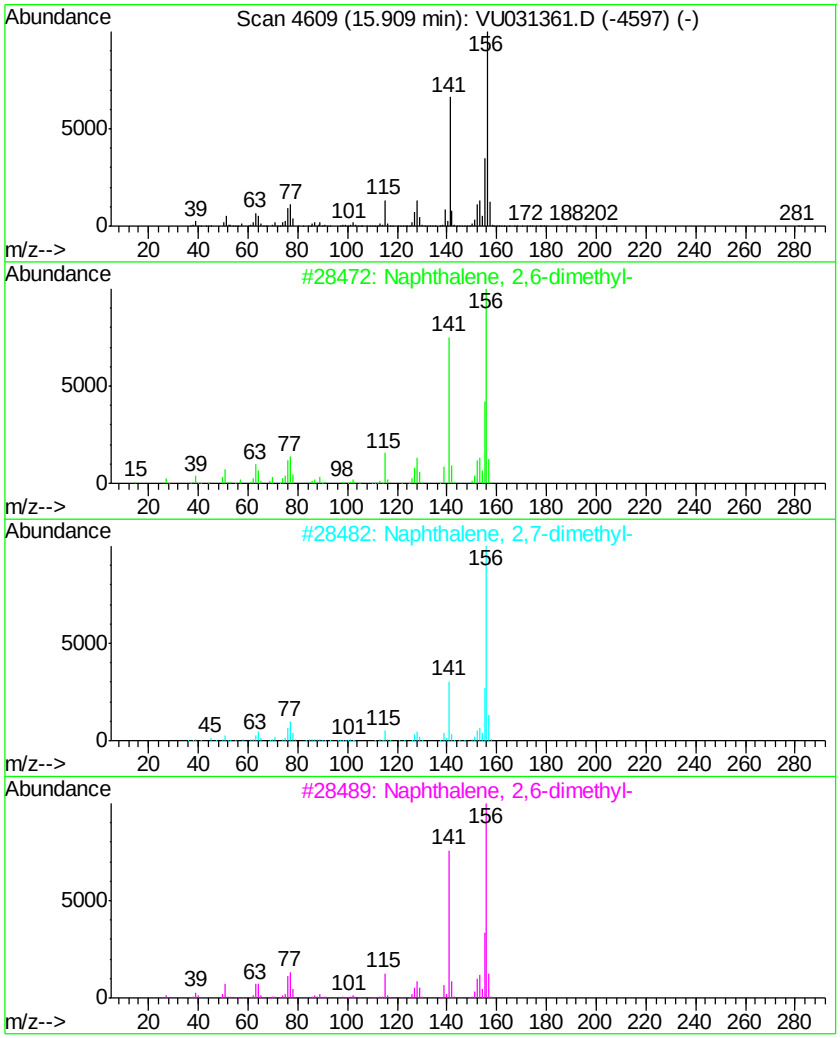
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

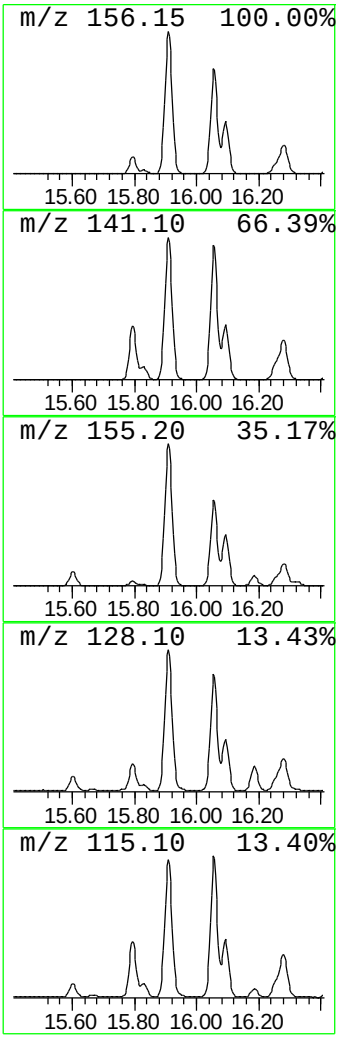
****

Peak Number 38 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	298.12 ug/L	12418500	1,4-Dichlorobenzene-d4	11.49

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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

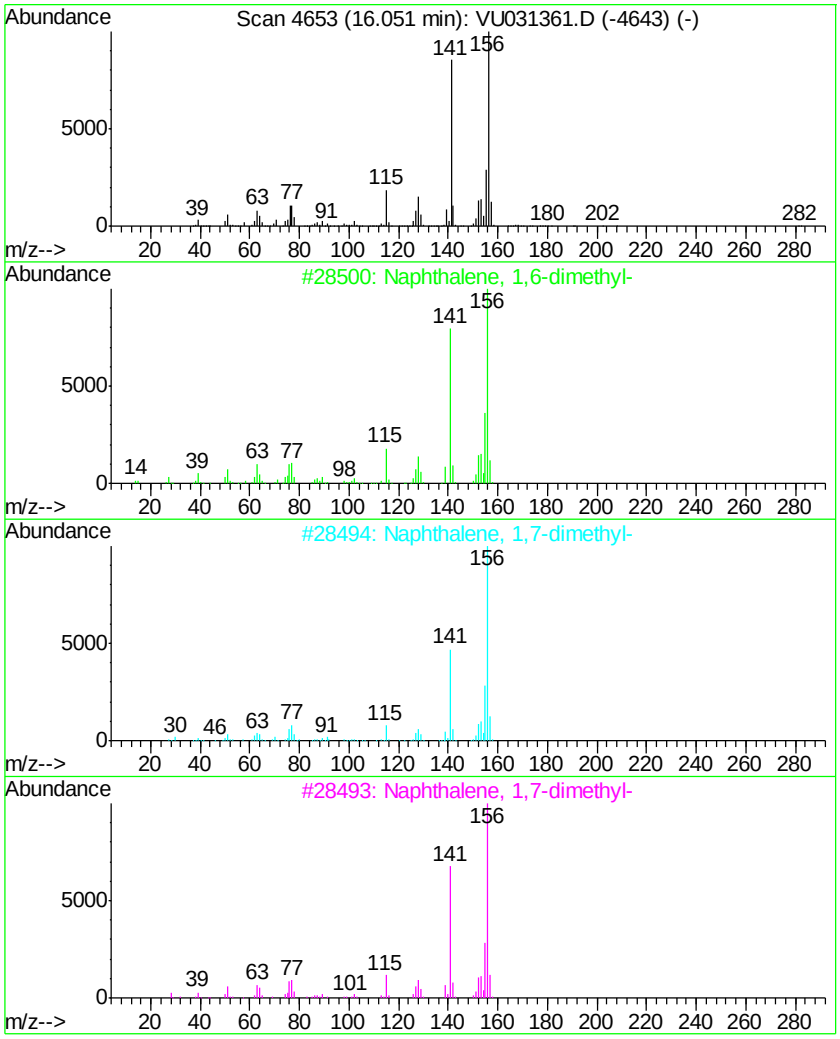
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

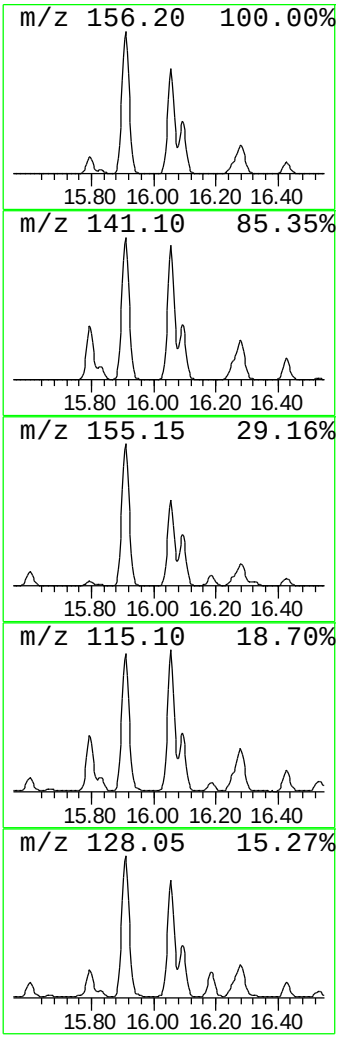
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Naphthalene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	217.41 ug/L	9056300	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

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-	10.51	12.8	ug/L	531639	3	11.49	2082790	50.0
Benzene, propyl-	10.59	20.2	ug/L	843247	3	11.49	2082790	50.0
Benzene, 1-ethyl-...	10.68	184.3	ug/L	7677190	3	11.49	2082790	50.0
Benzene, 1-ethyl-...	10.97	56.8	ug/L	2365880	3	11.49	2082790	50.0
Benzene, 1,2,3-tr...	11.15	957.4	ug/L	39881200	3	11.49	2082790	50.0
Benzene, 1-etheny...	11.22	988.1	ug/L	41159500	3	11.49	2082790	50.0
Benzene, 1-propenyl-	11.63	153.6	ug/L	6399630	3	11.49	2082790	50.0
Benzene, cyclopro...	11.77	240.0	ug/L	9998190	3	11.49	2082790	50.0
Indene	11.99	2862.0	ug/L	119219000	3	11.49	2082790	50.0
Benzene, 2-ethyl-...	12.15	97.3	ug/L	4053990	3	11.49	2082790	50.0
Benzene, 1-methyl...	12.22	120.4	ug/L	5016110	3	11.49	2082790	50.0
Benzene, 1-etheny...	12.31	201.2	ug/L	8381760	3	11.49	2082790	50.0
Benzene, (2-methy...	12.43	614.2	ug/L	25586800	3	11.49	2082790	50.0
Benzene, 2-etheny...	12.49	144.8	ug/L	6030230	3	11.49	2082790	50.0
Benzene, 1-ethyl-...	12.55	35.9	ug/L	1493340	3	11.49	2082790	50.0
Benzene, 1,2,3,5-...	12.65	180.5	ug/L	7520170	3	11.49	2082790	50.0
Benzene, 1,2,4,5-...	12.71	541.0	ug/L	22534300	3	11.49	2082790	50.0
Benzene, 1-etheny...	12.83	505.5	ug/L	21058300	3	11.49	2082790	50.0
Benzene, (1-methy...	12.96	156.0	ug/L	6497620	3	11.49	2082790	50.0
Benzene, pentyl-	13.04	29.1	ug/L	1214380	3	11.49	2082790	50.0
Benzene, 1-methyl...	13.12	629.0	ug/L	26201700	3	11.49	2082790	50.0
Benzene, (1-methy...	13.19	1071.3	ug/L	44627700	3	11.49	2082790	50.0
1,4-Dihydronaphth...	13.39	210.1	ug/L	8751430	3	11.49	2082790	50.0
Benzo[c]thiophene	13.87	175.5	ug/L	7309180	3	11.49	2082790	50.0
(DEL) Alkane: Str...	14.14	50.5	ug/L	2102150	3	11.49	2082790	50.0
1H-Indene, 2,3-di...	14.34	33.0	ug/L	1372920	3	11.49	2082790	50.0
Naphthalene, 1-me...	14.88	1327.0	ug/L	55277100	3	11.49	2082790	50.0
Naphthalene, 1-et...	15.79	47.9	ug/L	1997010	3	11.49	2082790	50.0
Naphthalene, 2,6-...	15.91	298.1	ug/L	12418500	3	11.49	2082790	50.0
Naphthalene, 1,7-...	16.05	217.4	ug/L	9056300	3	11.49	2082790	50.0