LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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	39	rVB	16167	16480	0.01%	0.005%
2	1.289	59	62	67	rBV	5117	3774	0.00%	0.001%
3	1.396	87	95	104	rBV	222925	255364	0.21%	0.078%
4	1.679	175	183	193	rBV	192815	261477	0.22%	0.080%
5	2.260	354	364	380	rVB	441890	669918	0.56%	0.204%
6	2.701	490	501	505	rBV7	8456	15911	0.01%	0.005%
7	2.987	573	590	604	rBV4	6357	15346	0.01%	0.005%
8	3.289	675	684	701	rVB6	7135	14851	0.01%	0.005%
9	3.984	889	900	916	rVB7	6109	16507	0.01%	0.005%
10	4.087	919	932	947	rVB7	8043	22514	0.02%	0.007%
11	4.199	952	967	1007	rBV2	114402	485322	0.41%	0.148%
12	4.643	1088	1105	1132	rVV	268985	666921	0.56%	0.203%
13	4.987	1197	1212	1225	rBV6	12419	30594	0.03%	0.009%
14	5.067	1226	1237	1238	rBV5	12544	14936	0.01%	0.005%
15	5.212	1271	1282	1295	rBV7	9912	23528	0.02%	0.007%
16	5.334	1298	1320	1353	rVV2	598838	1767893	1.49%	0.538%
17	5.527	1374	1380	1396	rVB4	20458	48495	0.04%	0.015%
18	5.617	1396	1408	1420	rVB9	7791	17545	0.01%	0.005%
19	5.784	1449	1460	1469	rVB6	6257	11497	0.01%	0.004%
20	5.881	1476	1490	1515	rBV	635108	1348282	1.13%	0.411%
21	6.174	1572	1581	1582	rBV6	3514	4093	0.00%	0.001%
22	6.328	1615	1629	1645	rBV	371375	786285	0.66%	0.239%
23	6.527	1683	1691	1702	rVB8	4995	10538	0.01%	0.003%
24	6.640	1717	1726	1736	rVV9	3835	6964	0.01%	0.002%
25	6.736	1747	1756	1766	rVB9	3056	5546	0.00%	0.002%
26	6.923	1796	1814	1827	rBV9	9422	26023	0.02%	0.008%
27	7.042	1838	1851	1852	rBV6	4325	5537	0.00%	0.002%
28	7.177	1885	1893	1897	rVV6	5404	7695	0.01%	0.002%
29	7.225	1897	1908	1933	rVV	211088	419997	0.35%	0.128%
30	7.337	1937	1943	1953	rVB6	4659	7750	0.01%	0.002%
31	7.431	1964	1972	1977	rBV8	3382	5275	0.00%	0.002%
32	7.563	1991	2013	2030	rBV	768896	1452427	1.22%	0.442%
33	7.852	2087	2103	2118	rBV	142130	271975	0.23%	0.083%
34	8.045	2155	2163	2170	rVB8	3524	5933	0.00%	0.002%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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	8.321	2237	2249	2283	rBV	562428	1149389	0.97%	0.350%
36	8.537	2312	2316	2324	rVB8	6914	9993	0.01%	0.003%
37	8.743	2373	2380	2381	rBV4	4683	4187	0.00%	0.001%
38	8.907	2425	2431	2439	rVB6	8170	12080	0.01%	0.004%
39	9.025	2460	2468	2469	rBV6	7727	7728	0.01%	0.002%
40	9.087	2475	2487	2513	rBV	932367	1635952	1.38%	0.498%
41	9.251	2528	2538	2560	rBV2	78954	147923	0.12%	0.045%
42	9.370	2562	2575	2592	rBV	1201225	2106594	1.77%	0.642%
43	9.553	2625	2632	2641	rBV	4647	8345	0.01%	0.003%
44	9.714	2674	2682	2690	rBV10	7333	14424	0.01%	0.004%
45	9.778	2690	2702	2736	rVB4	793800	1576469	1.33%	0.480%
46	9.945	2751	2754	2766	rVB5	16393	22551	0.02%	0.007%
47	10.045	2777	2785	2793	rBV10	12255	21941	0.02%	0.007%
48	10.161	2815	2821	2833	rBV	19331	30552	0.03%	0.009%
49	10.431	2894	2905	2918	rBV	595316	971964	0.82%	0.296%
50	10.588	2944	2954	2963	rBV	82521	133581	0.11%	0.041%
51	10.678	2971	2982	2998	rBV	477562	1036129	0.87%	0.316%
52	10.768	2999	3010	3019	rBV	701578	1086124	0.91%	0.331%
53	10.971	3064	3073	3078	rBV	186046	309080	0.26%	0.094%
54	11.144	3111	3127	3139	rBV	2180825	3456220	2.91%	1.053%
55	11.212	3139	3148	3157	rVV	893354	1349827	1.13%	0.411%
56	11.263	3157	3164	3176	rVB	347431	527988	0.44%	0.161%
57	11.482	3222	3232	3244	rBV	1110734	1723082	1.45%	0.525%
58	11.569	3250	3259	3268	rBV	742850	1102435	0.93%	0.336%
59	11.623	3268	3276	3292	rVB	477534	753085	0.63%	0.229%
60	11.762	3309	3319	3328	rBV2	437802	757974	0.64%	0.231%
61	11.858	3339	3349	3365	rVB2	1032092	1880293	1.58%	0.573%
62	11.977	3375	3386	3397	rBV	7435316	11375765	9.56%	3.464%
63	12.148	3430	3439	3441	rBV2	137798	187085	0.16%	0.057%
64	12.247	3455	3470	3477	rBV3	241286	545523	0.46%	0.166%
65	12.424	3516	3525	3535	rVB	506822	773394	0.65%	0.236%
66	12.482	3537	3543	3557	rVB3	131082	214172	0.18%	0.065%
67	12.646	3588	3594	3602	rVB	243091	335512	0.28%	0.102%
68	12.701	3602	3611	3624	rBV	655582	1145201	0.96%	0.349%
69	12.823	3641	3649	3660	rBV2	415908	759977	0.64%	0.231%
70	12.961	3685	3692	3706	rVB	228430	341126	0.29%	0.104%
71	13.083	3723	3730	3732	rBV2	106029	131655	0.11%	0.040%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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	13.119	3733	3741	3750	rVV3	990989	1564098	1.32%	0.476%
73	13.183	3751	3761	3773	rVB	2968774	4532957	3.81%	1.380%
74	13.289	3782	3794	3810	rVB	3440846	5581025	4.69%	1.700%
75	13.385	3814	3824	3839	rVB2	475573	841474	0.71%	0.256%
76	13.752	3921	3938	3961	rVV2	63424377	118932501	100.00%	36.218%
77	13.858	3963	3971	3993	rVB	781370	1334974	1.12%	0.407%
78	14.141	4053	4059	4065	rBV3	156034	229077	0.19%	0.070%
79	14.337	4111	4120	4128	rBV2	512229	891713	0.75%	0.272%
80	14.582	4191	4196	4210	rVB4	158459	257053	0.22%	0.078%
81	14.729	4235	4242	4258	rVB	304215	550540	0.46%	0.168%
82	14.819	4261	4270	4275	rBV	310293	474037	0.40%	0.144%
83	14.877	4275	4288	4305	rVB2	37322836	58683903	49.34%	17.871%
84	15.061	4332	4345	4380	rVB	22456770	34737239	29.21%	10.578%
85	15.604	4503	4514	4524	rBV	4006891	6159752	5.18%	1.876%
86	15.794	4566	4573	4580	rBV	806458	1110928	0.93%	0.338%
87	15.909	4597	4609	4631	rBV	5144968	9025908	7.59%	2.749%
88	16.057	4644	4655	4661	rBV	6732330	10704393	9.00%	3.260%
89	16.093	4662	4666	4680	rVB	3456801	4775174	4.02%	1.454%
90	16.186	4686	4695	4706	rVB	1284502	1995407	1.68%	0.608%
91	16.282	4708	4725	4746	rVB	1857260	4857535	4.08%	1.479%
92	16.427	4761	4770	4788	rBV	1132025	1832573	1.54%	0.558%
93	16.520	4788	4799	4818	rVV3	2978880	5520306	4.64%	1.681%
94	16.630	4826	4833	4844	rVB2	577892	893468	0.75%	0.272%
95	16.733	4856	4865	4872	rBV	782102	1312388	1.10%	0.400%
96	16.967	4933	4938	4945	rVB	547763	694214	0.58%	0.211%
97	17.016	4946	4953	4975	rVB3	830754	1865438	1.57%	0.568%
98	17.163	4990	4999	5009	rVB	808156	1295343	1.09%	0.394%
99	17.225	5010	5018	5029	rVB	491184	766274	0.64%	0.233%
100	17.527	5103	5112	5126	rVB4	312620	591562	0.50%	0.180%

Sum of corrected areas: 328379767

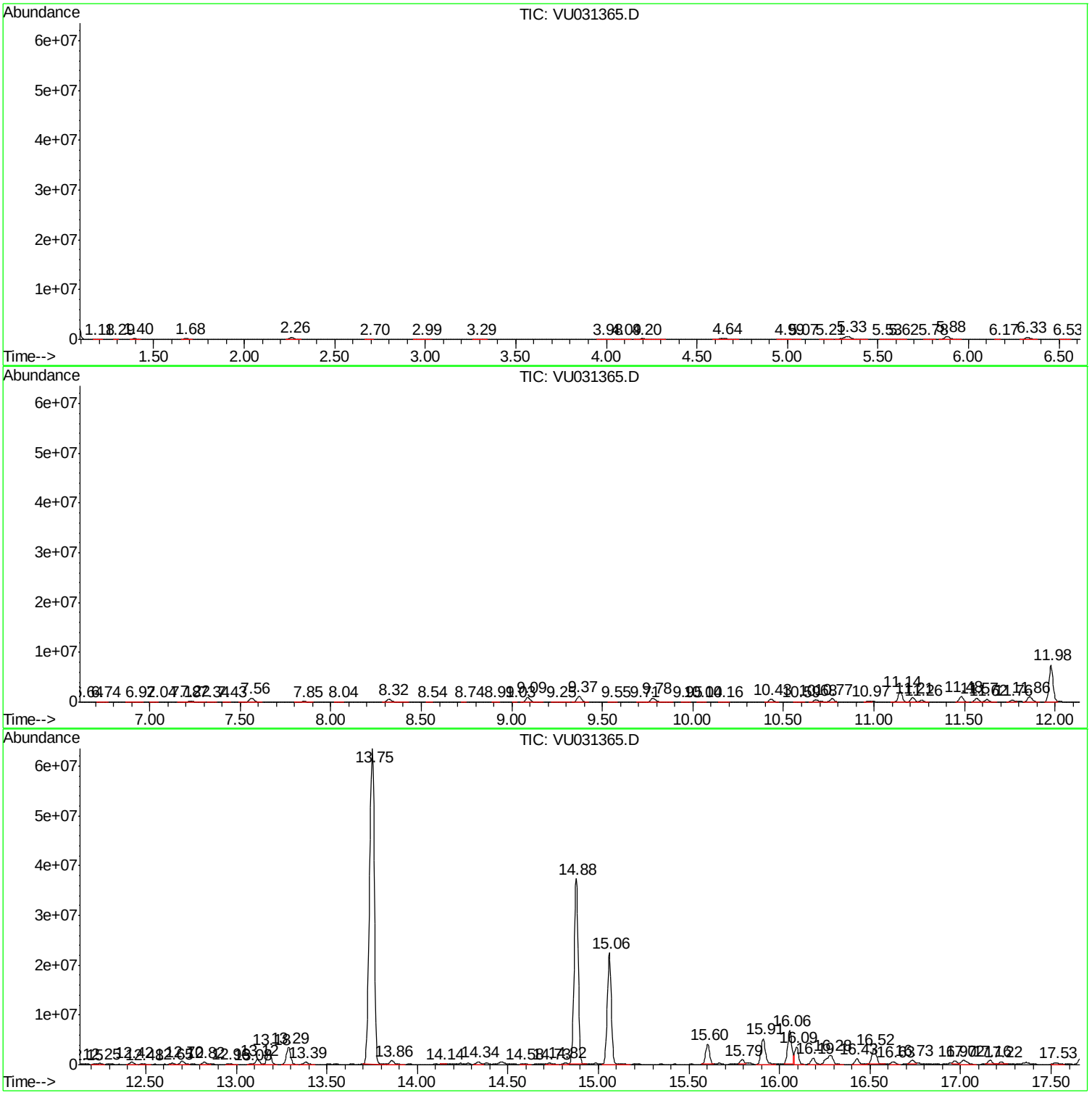
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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 : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

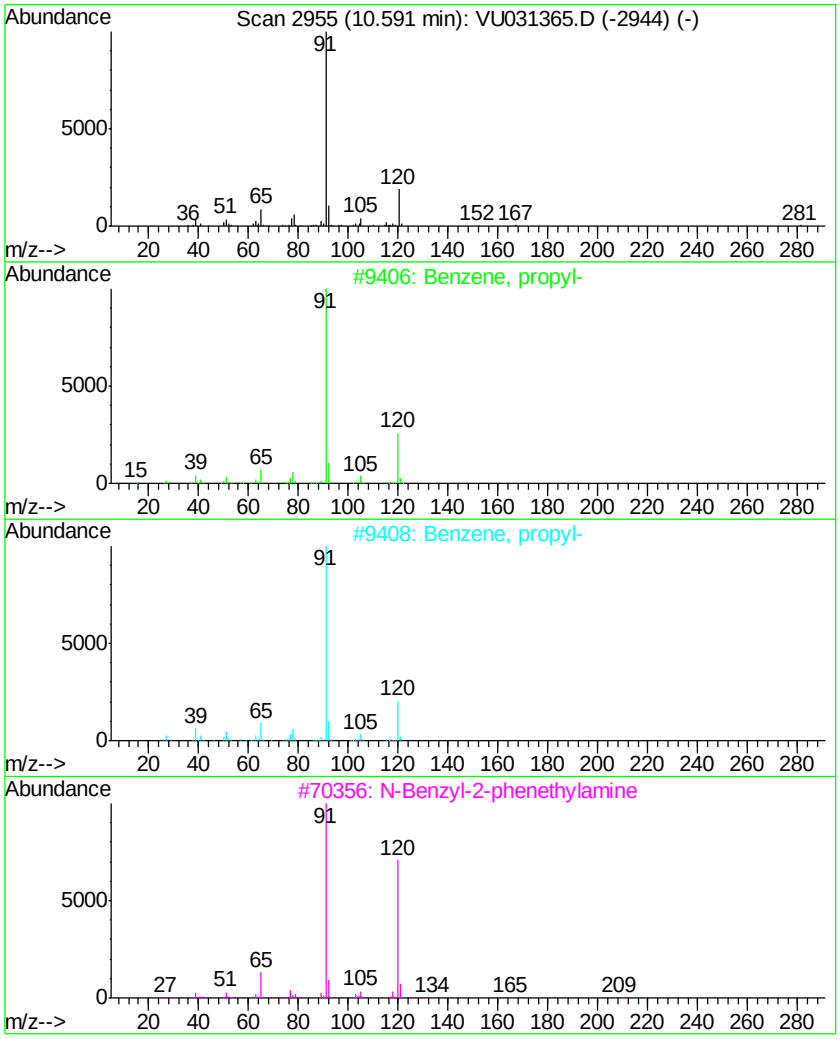
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

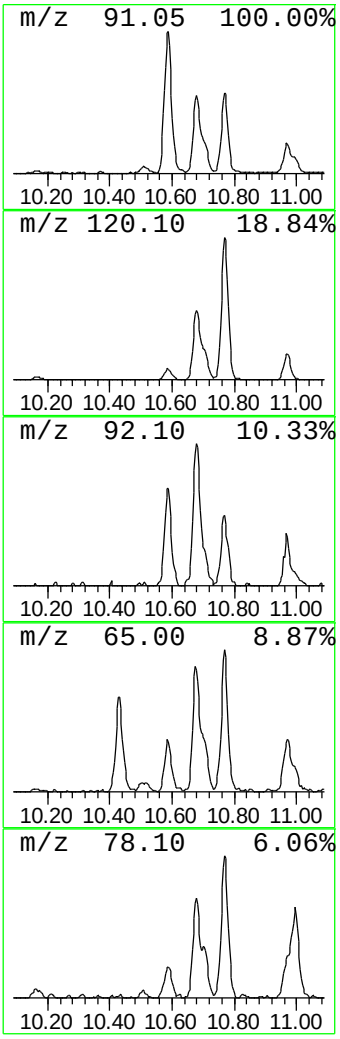
****

Peak Number 2 Benzene, propyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	3.88 ug/L	133581	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	Benzene, propyl-	120	C9H12	000103-65-1	76





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

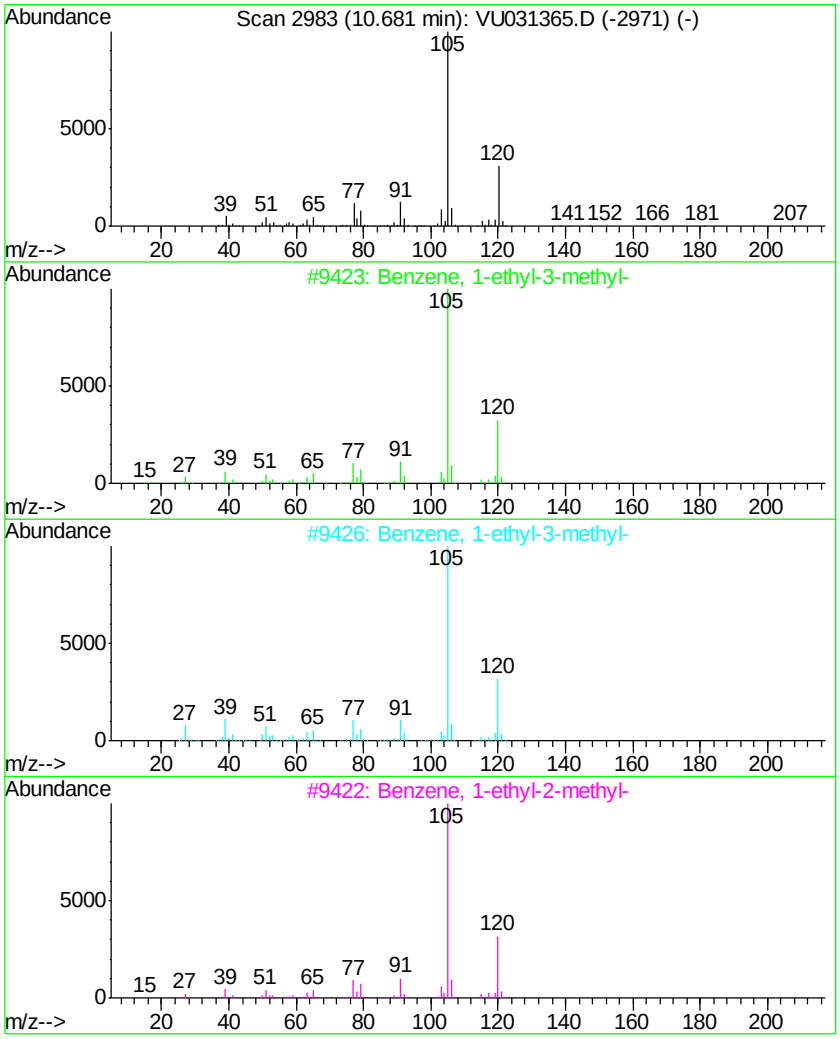
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

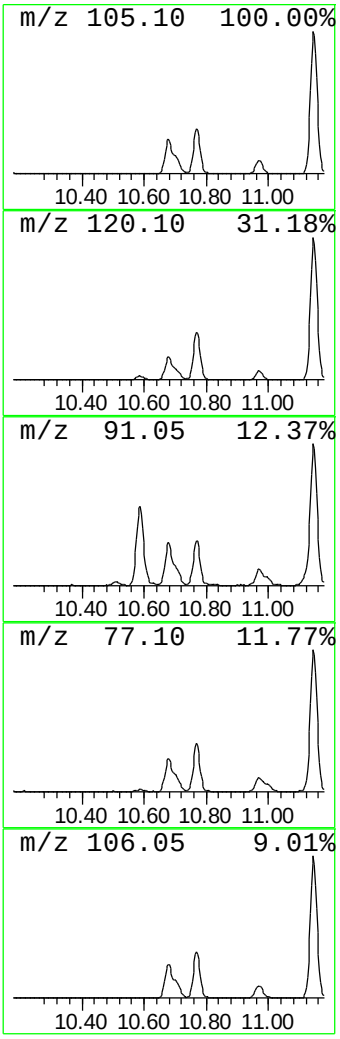
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	30.07 ug/L	1036130	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

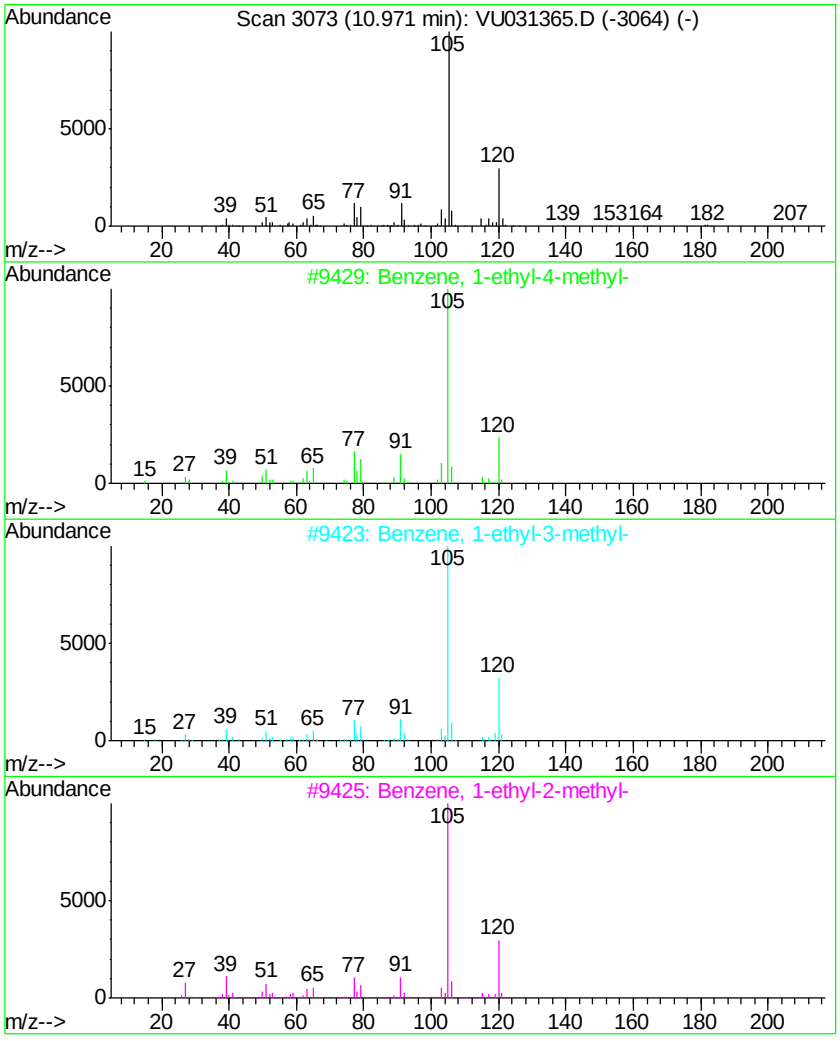
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

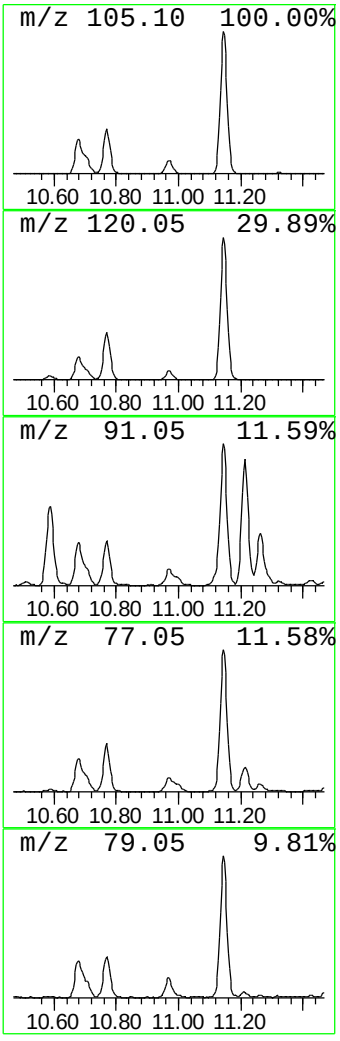
****

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	8.97 ug/L	309080	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

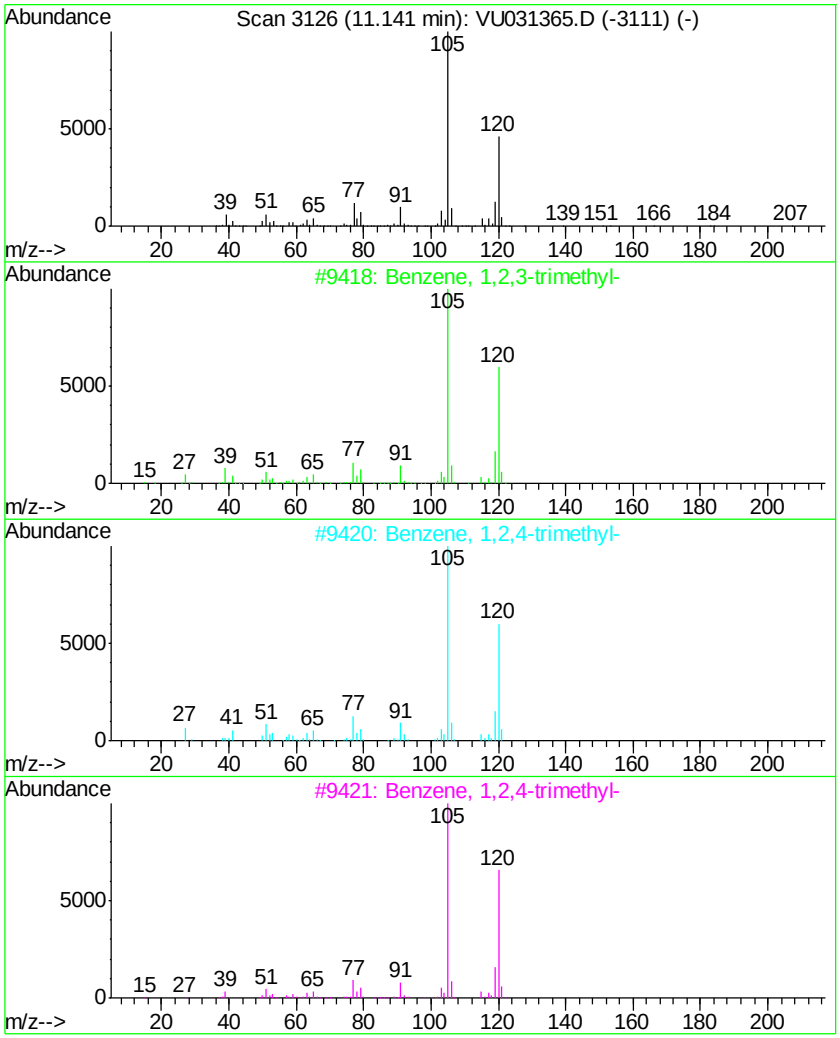
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

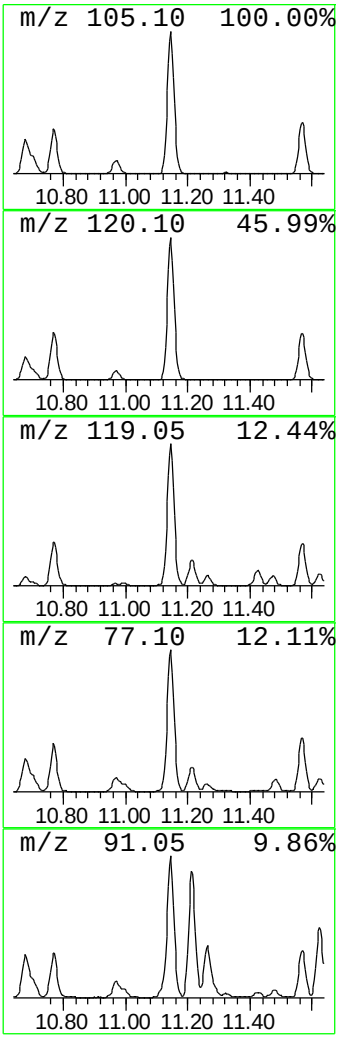
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	100.29 ug/L	3456220	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	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





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

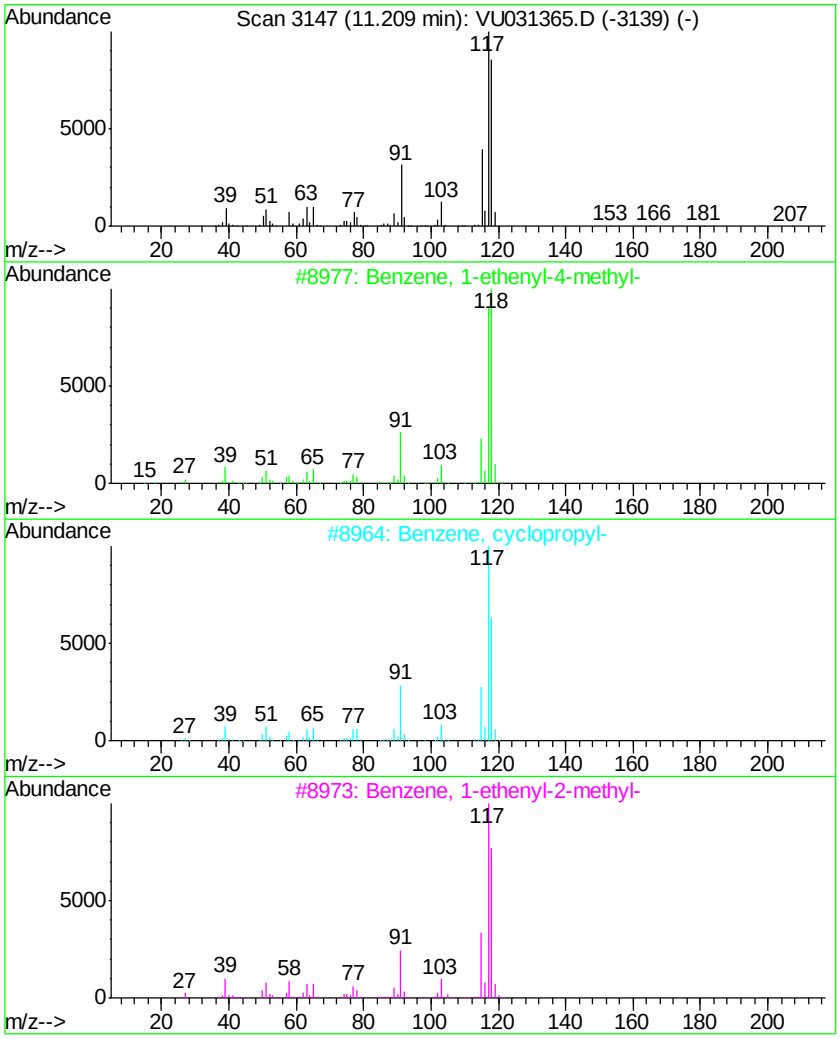
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

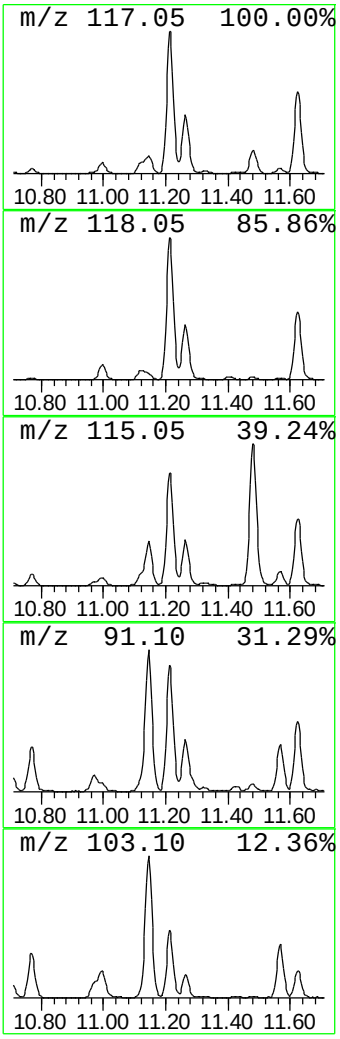
****

Peak Number 7 Benzene, 1-ethenyl-4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	39.17 ug/L	1349830	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

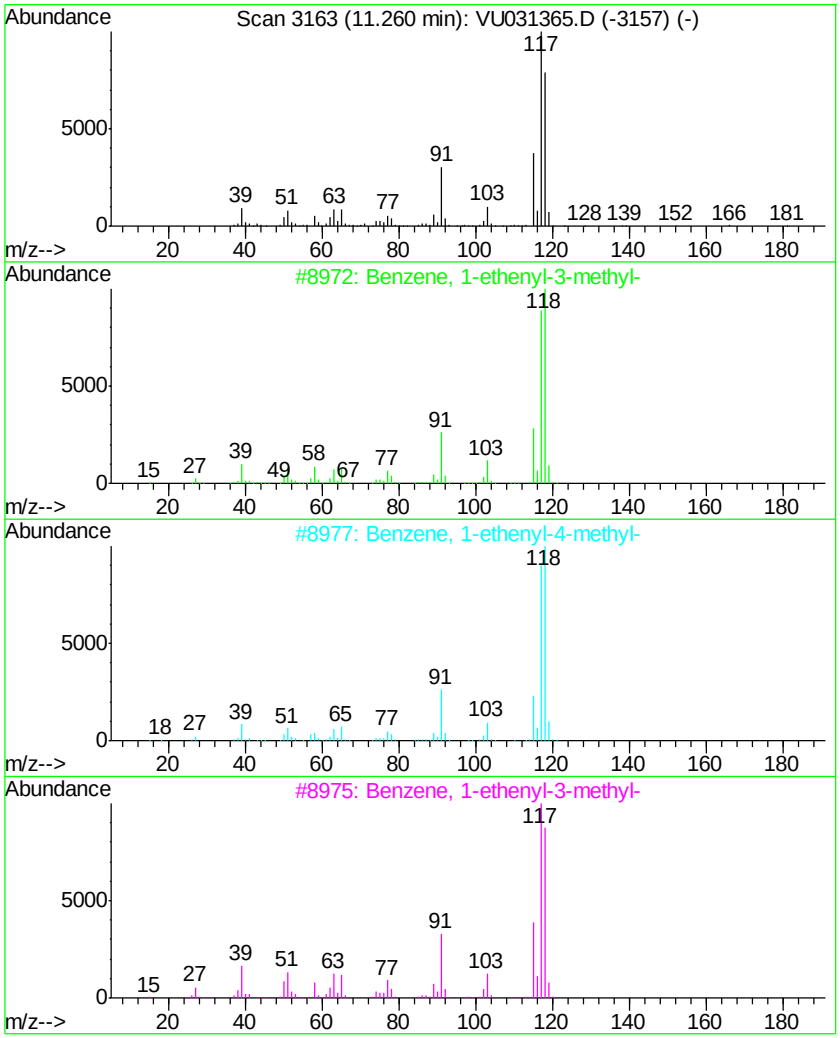
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

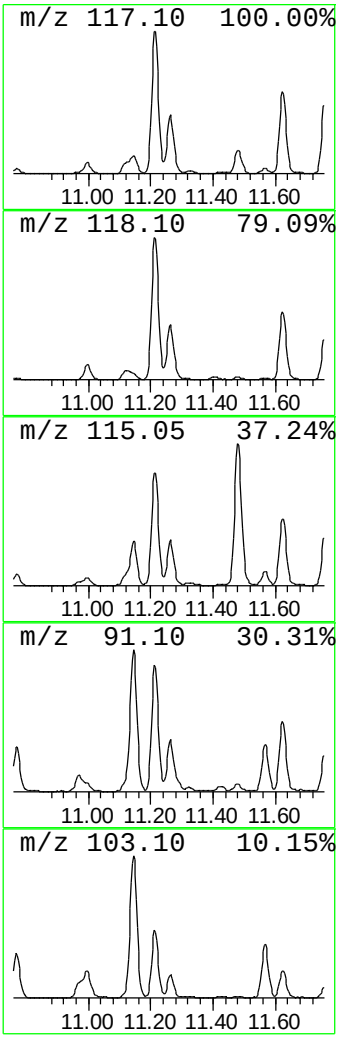
****

Peak Number 8 Benzene, 1-ethenyl-3-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	15.32 ug/L	527988	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	94
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	92





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

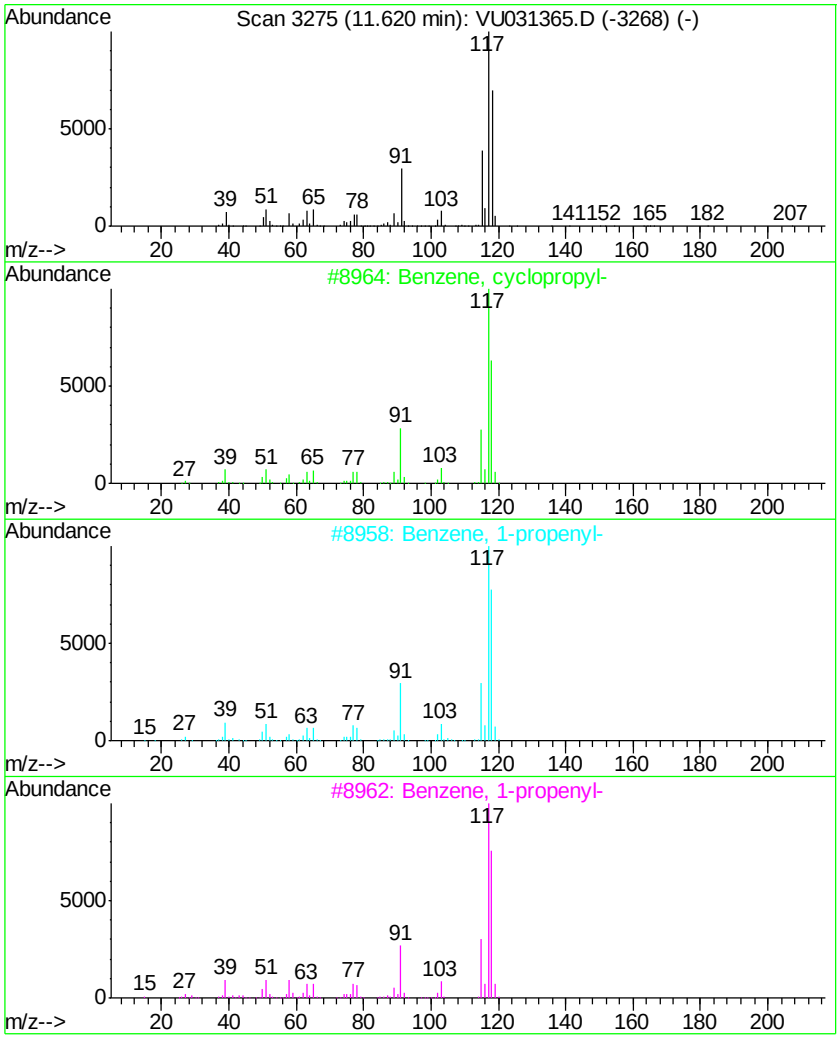
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

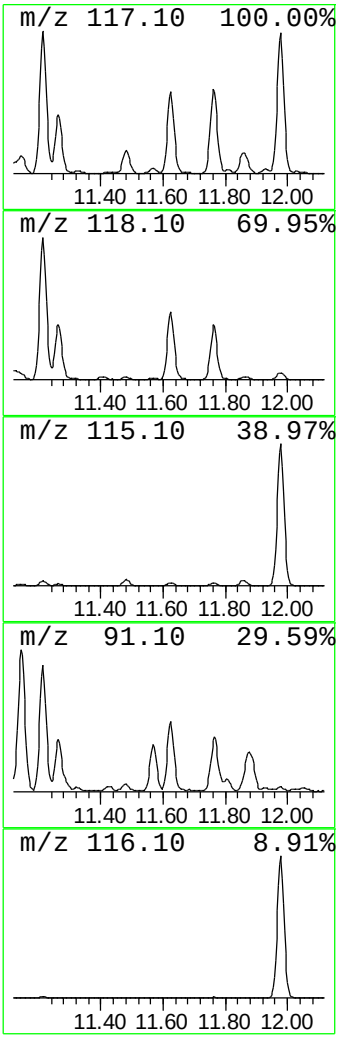
****

Peak Number 10 Benzene, cyclopropyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	21.85 ug/L	753085	1,4-Dichlorobenzene-d4	11.48

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

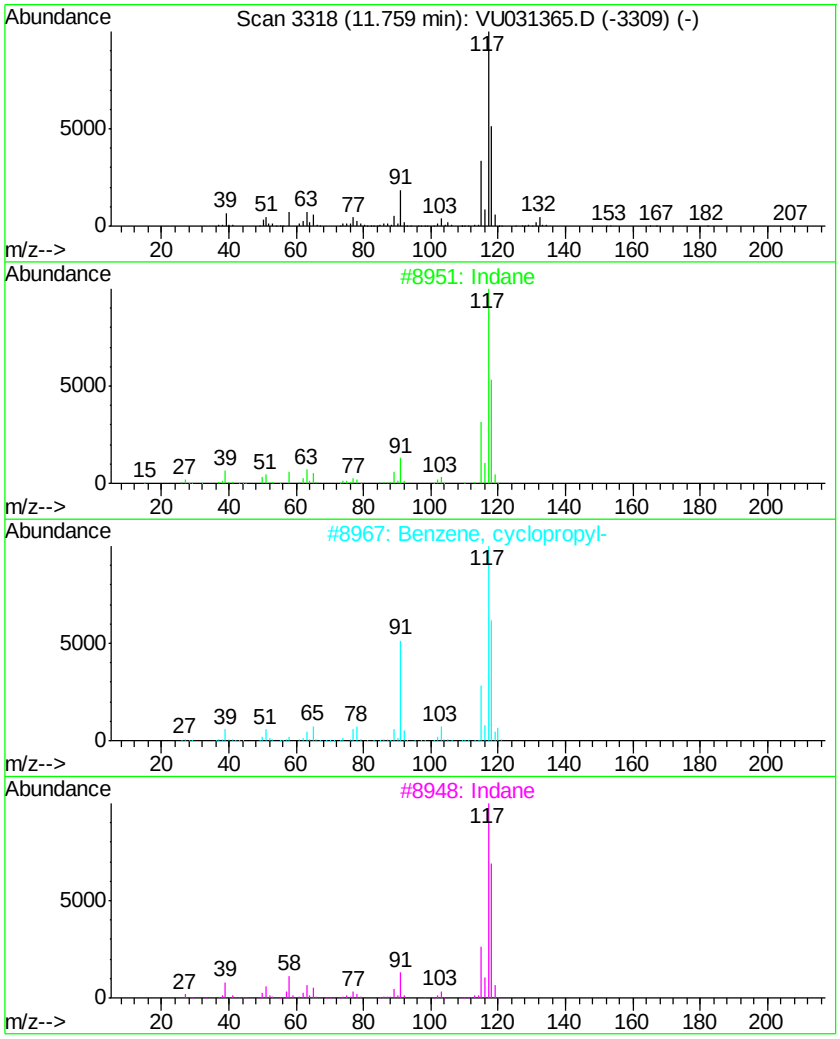
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

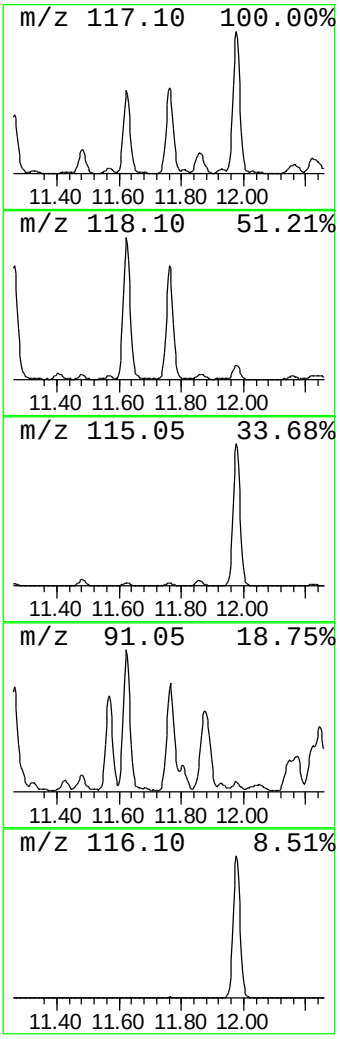
****

Peak Number 11 Indane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	21.99 ug/L	757974	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3	Indane	118	C9H10	000496-11-7	74
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

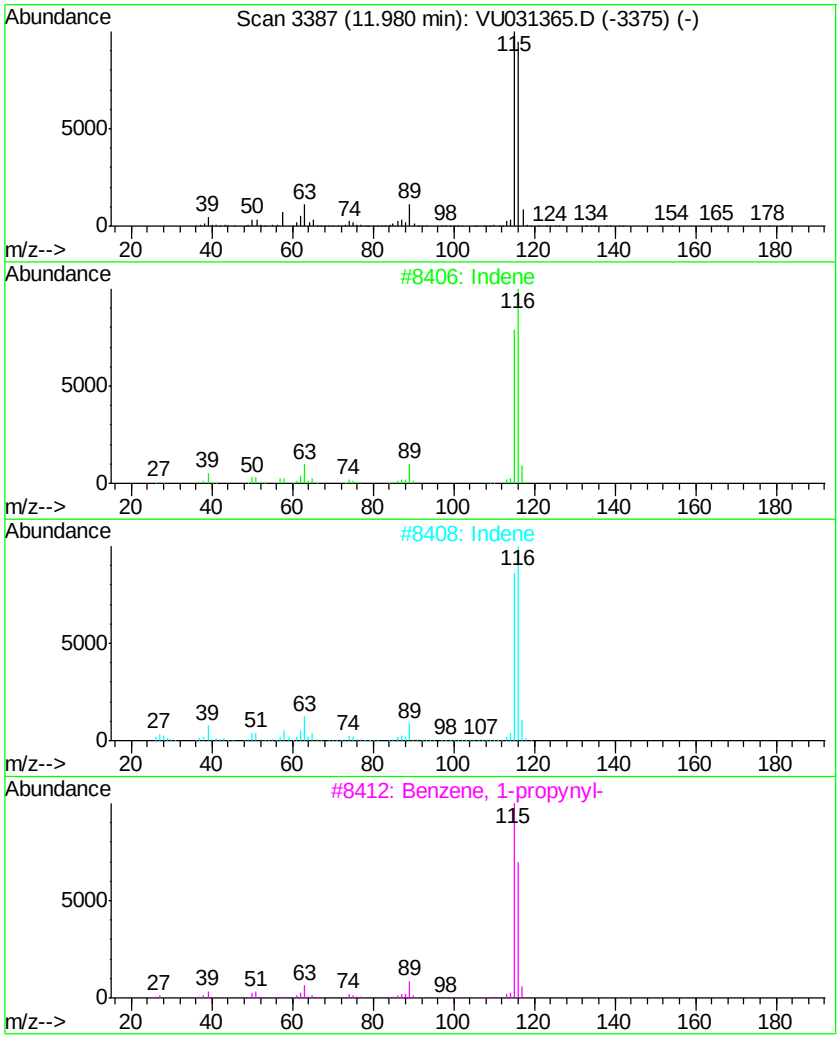
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

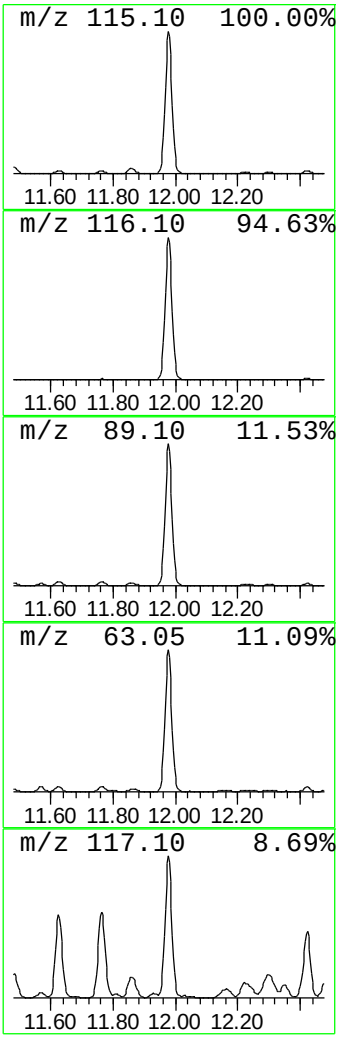
****

Peak Number 12 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	330.10 ug/L	11375800	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





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

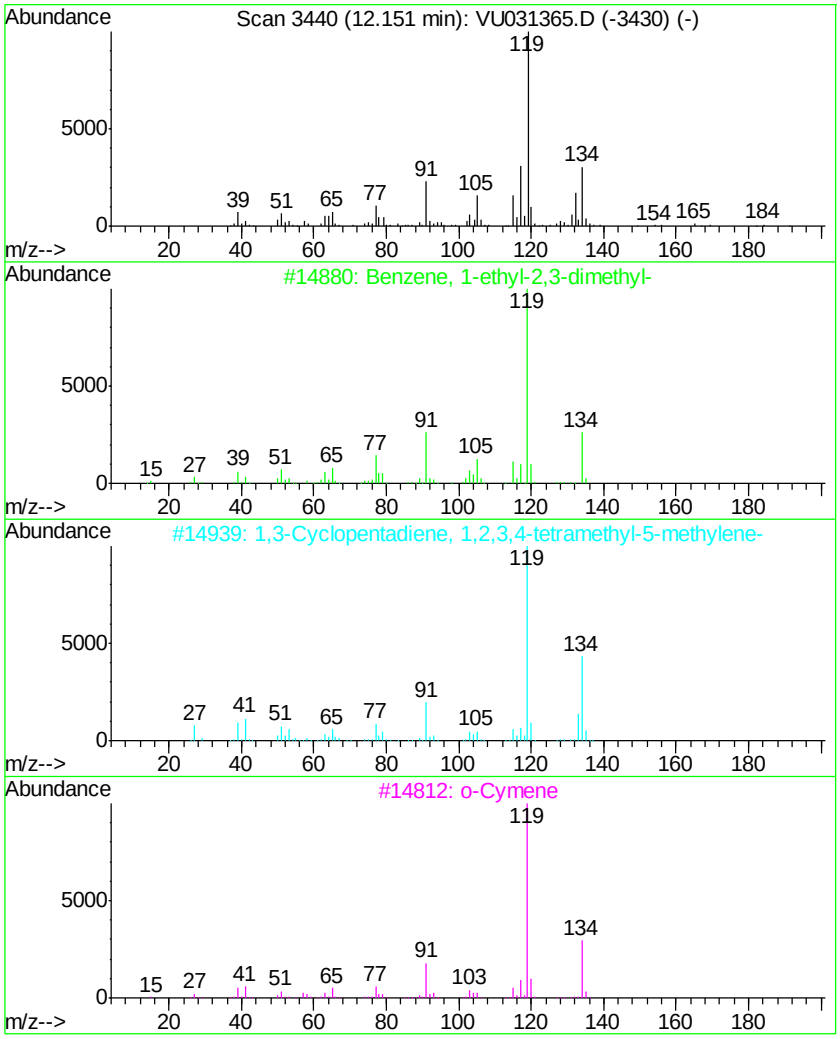
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

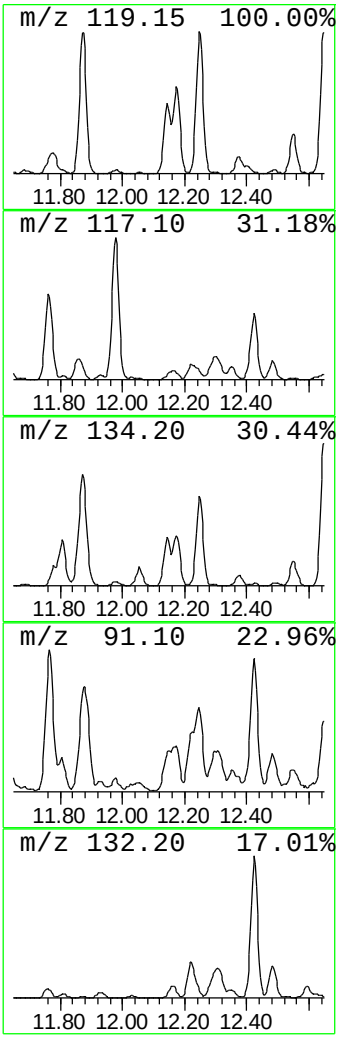
****

Peak Number 13 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	5.43 ug/L	187085	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	90
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
3	o-Cymene	134	C10H14	000527-84-4	81
4	o-Cymene	134	C10H14	000527-84-4	81
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

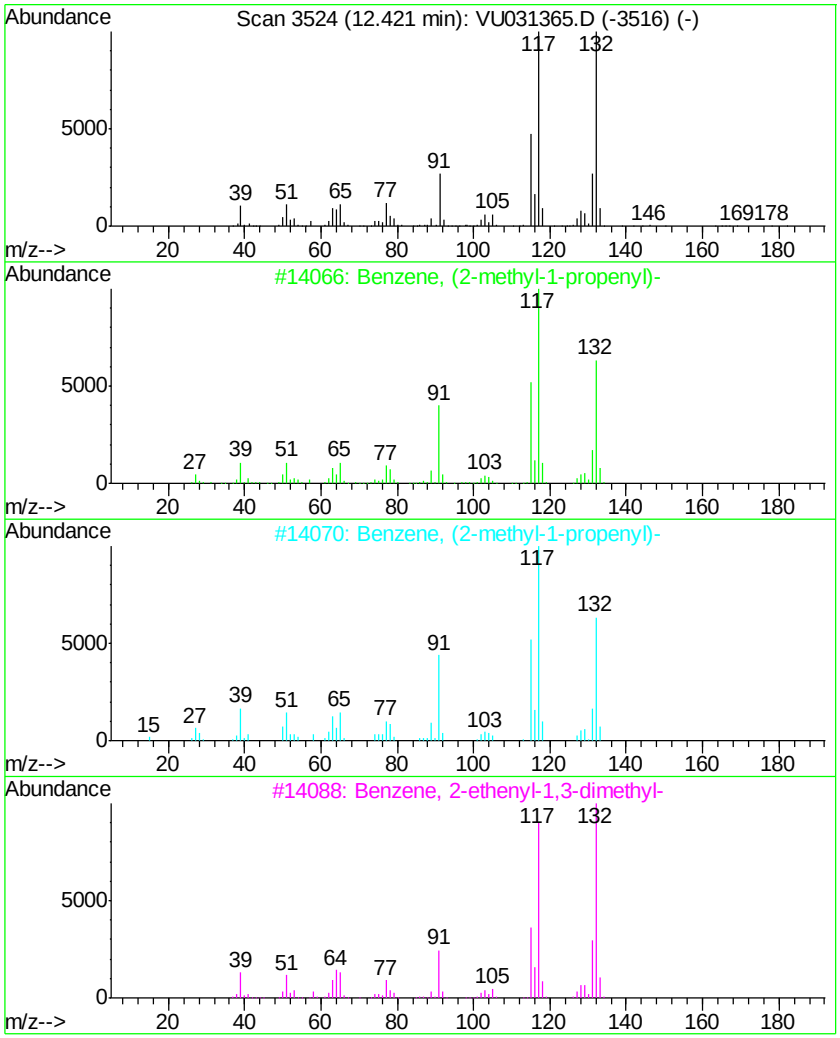
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

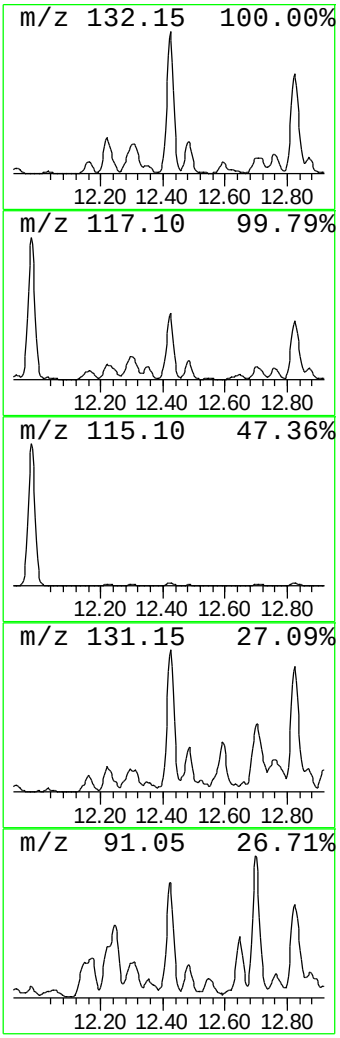
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (2-methyl-1-propen... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	22.44 ug/L	773394	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, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
4	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	93
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

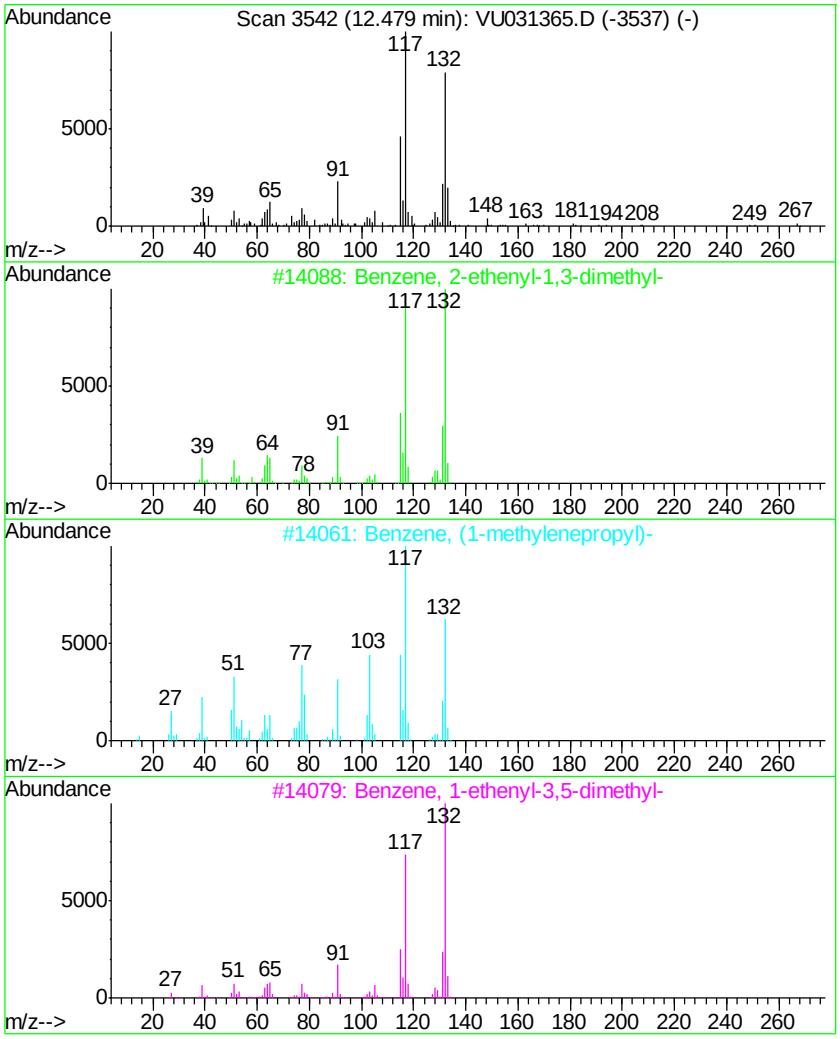
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

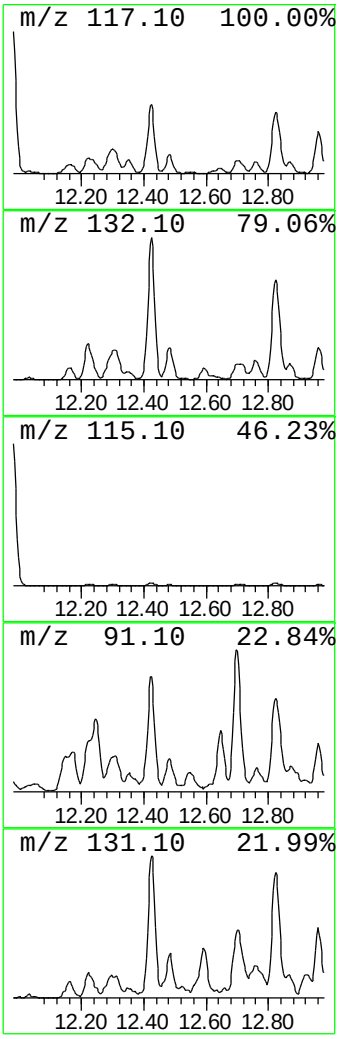
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	6.21 ug/L	214172	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
2	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	87
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	87
4	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

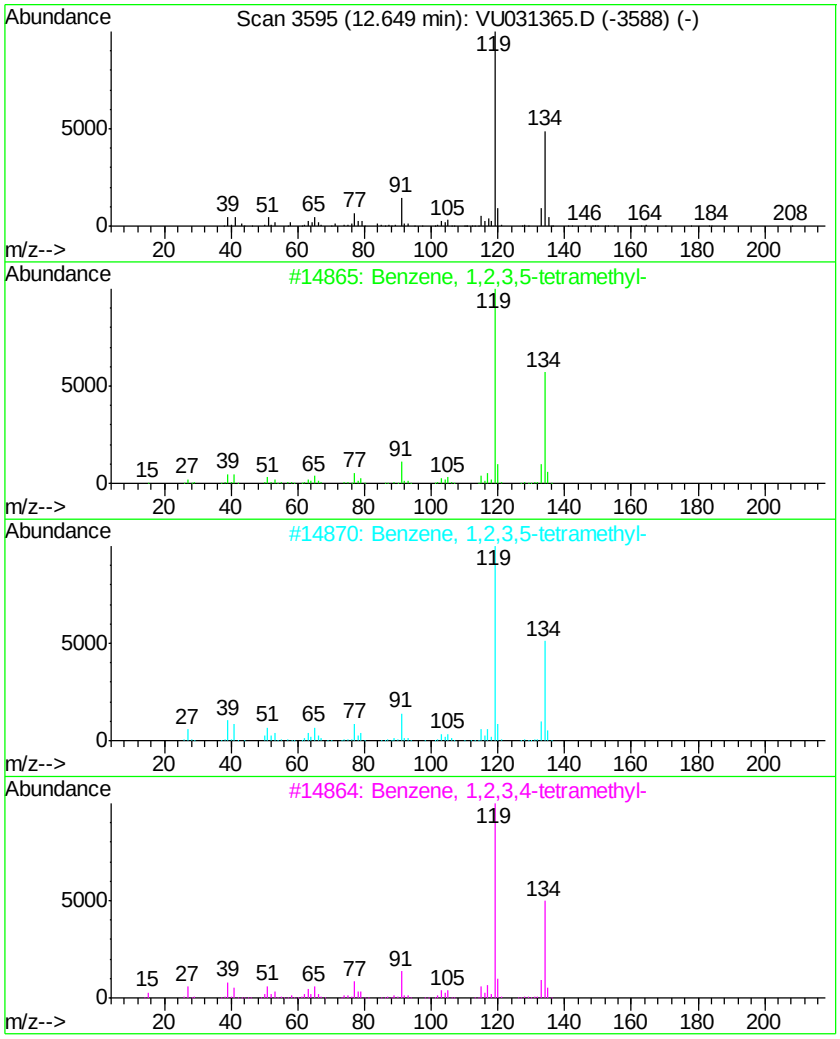
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

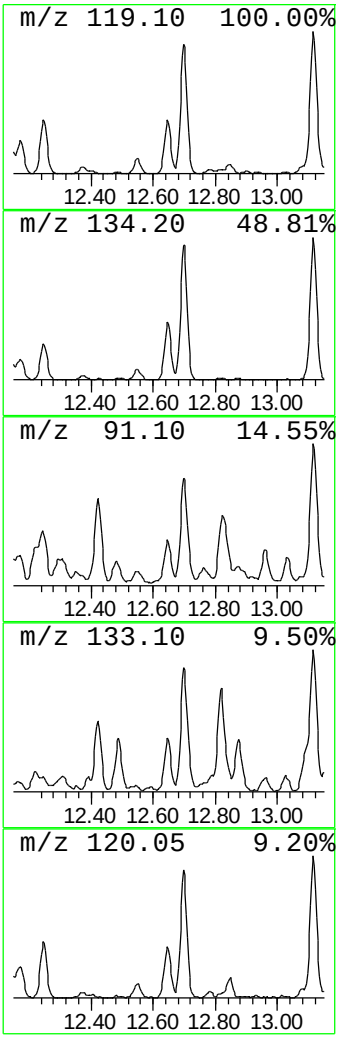
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	9.74 ug/L	335512	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

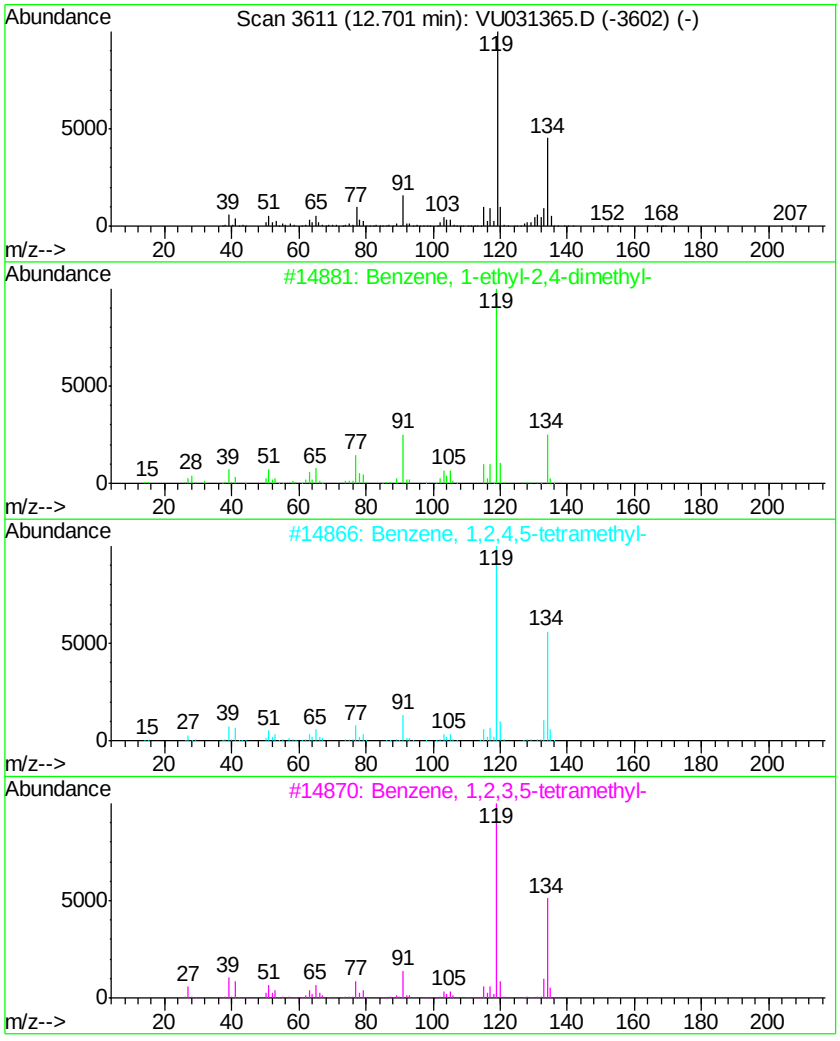
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

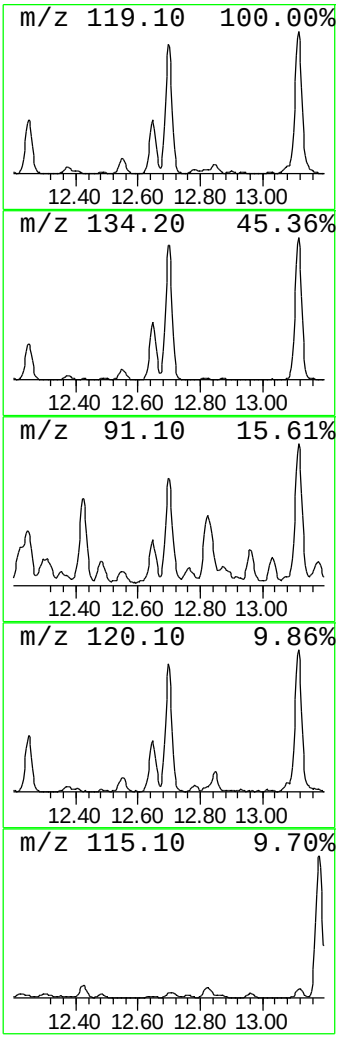
****

Peak Number 18 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	33.23 ug/L	1145200	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

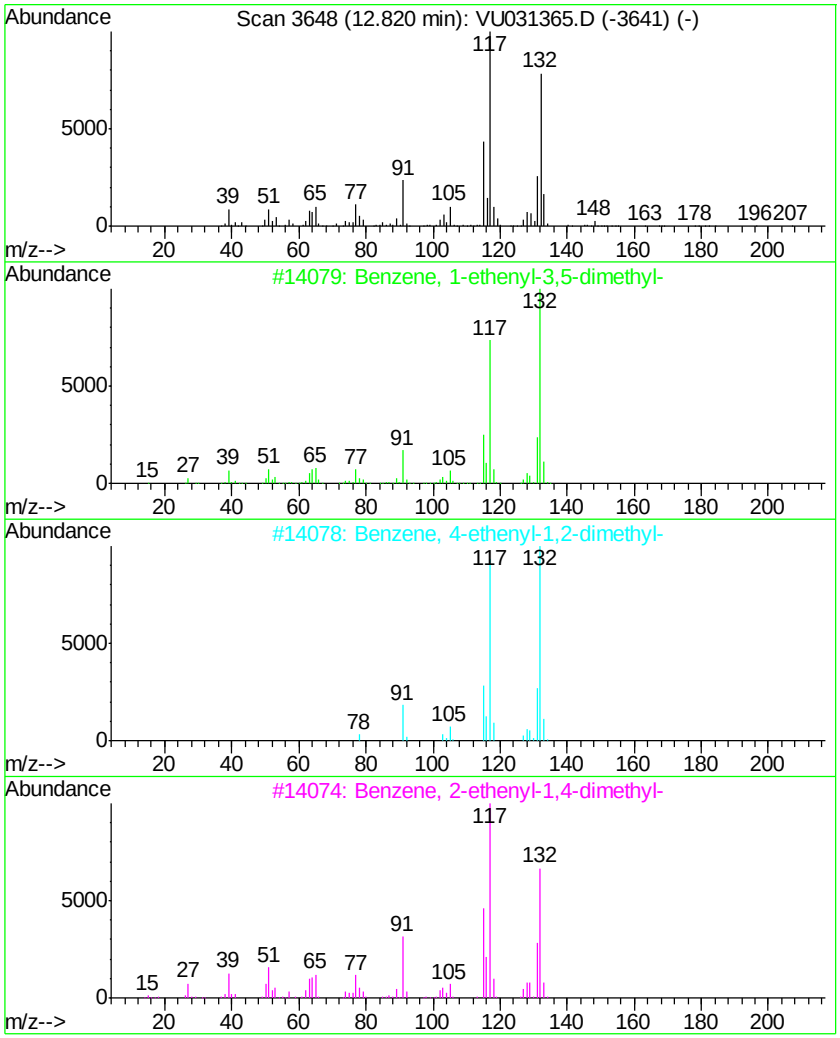
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

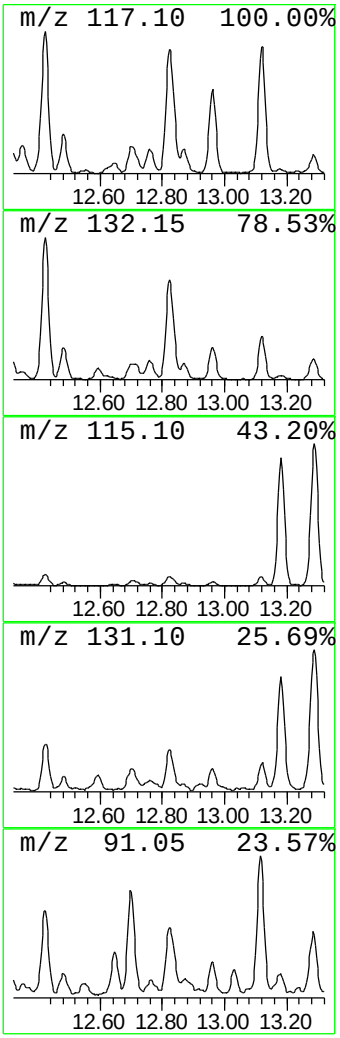
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	22.05 ug/L	759977	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	96
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

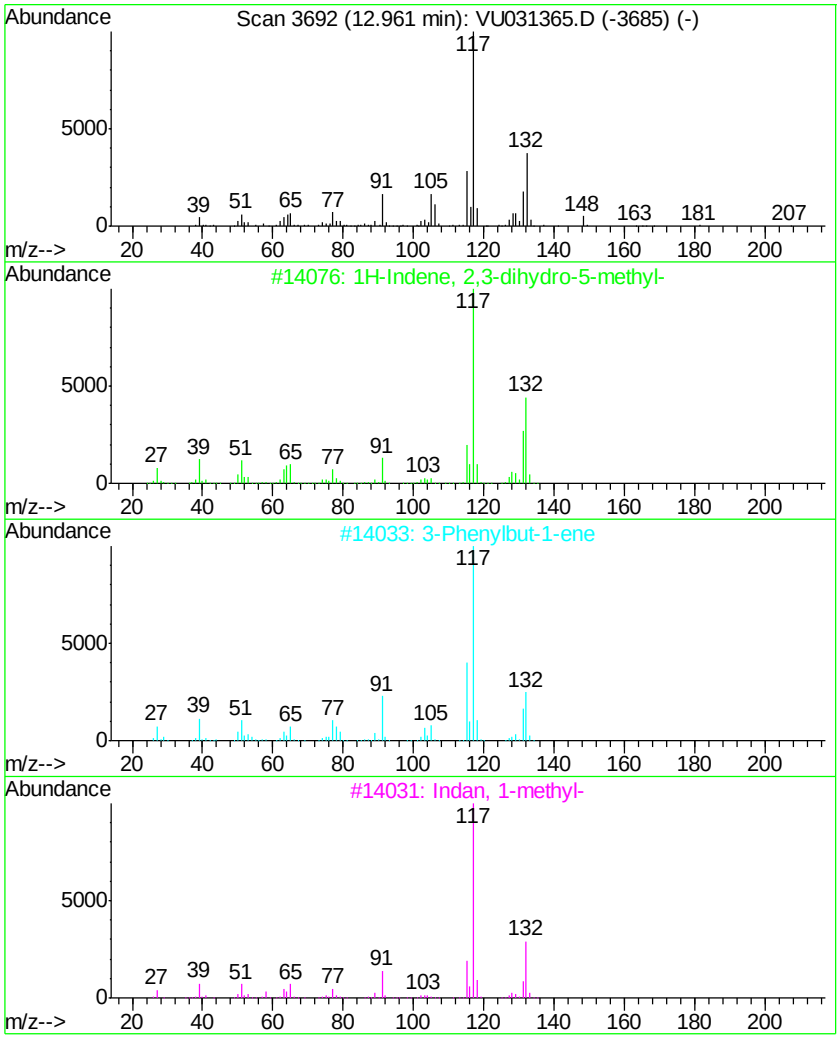
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

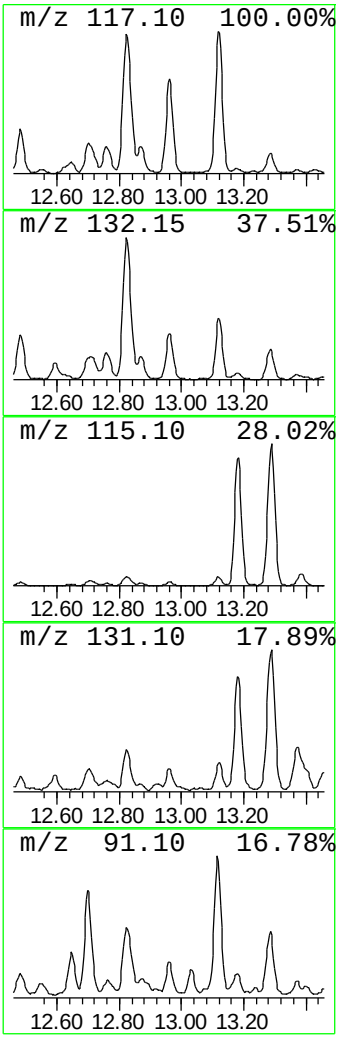
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	9.90 ug/L	341126	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

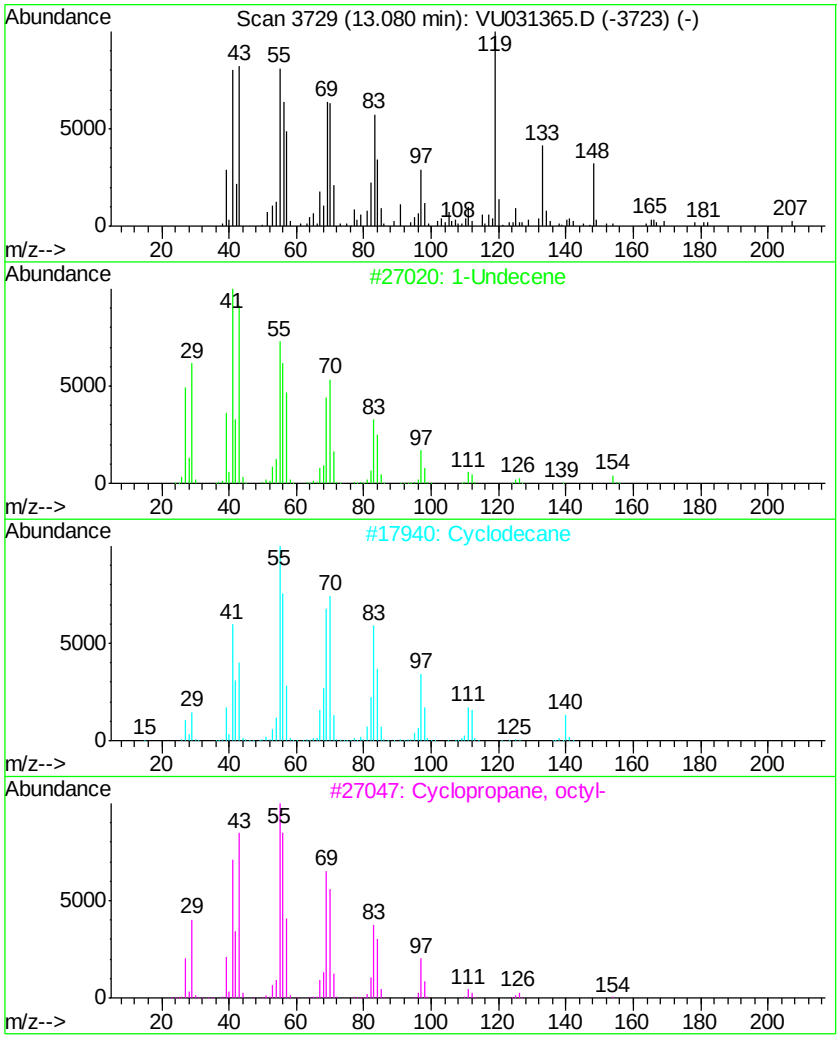
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

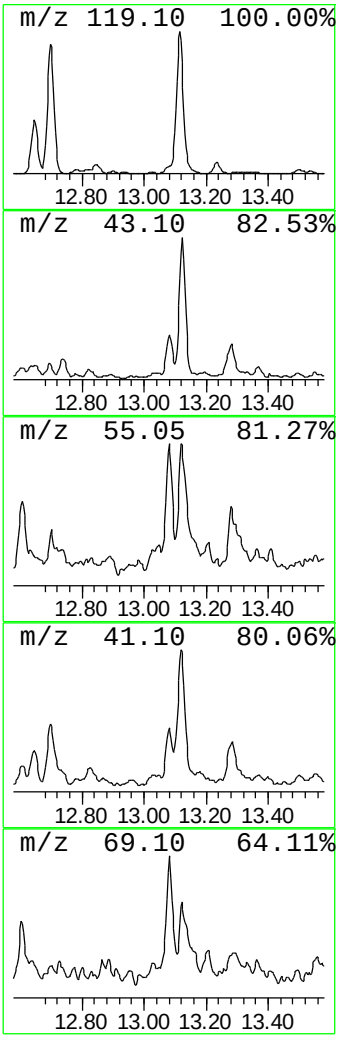
****

Peak Number 21 (DEL) Alkane: Cyclic13.08 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	3.82 ug/L	131655	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene	154	C11H22	000821-95-4	64
2	Cyclodecane	140	C10H20	000293-96-9	64
3	Cyclopropane, octyl-	154	C11H22	001472-09-9	64
4	Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1000150-67-3	55
5	Cyclodecane	140	C10H20	000293-96-9	50





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

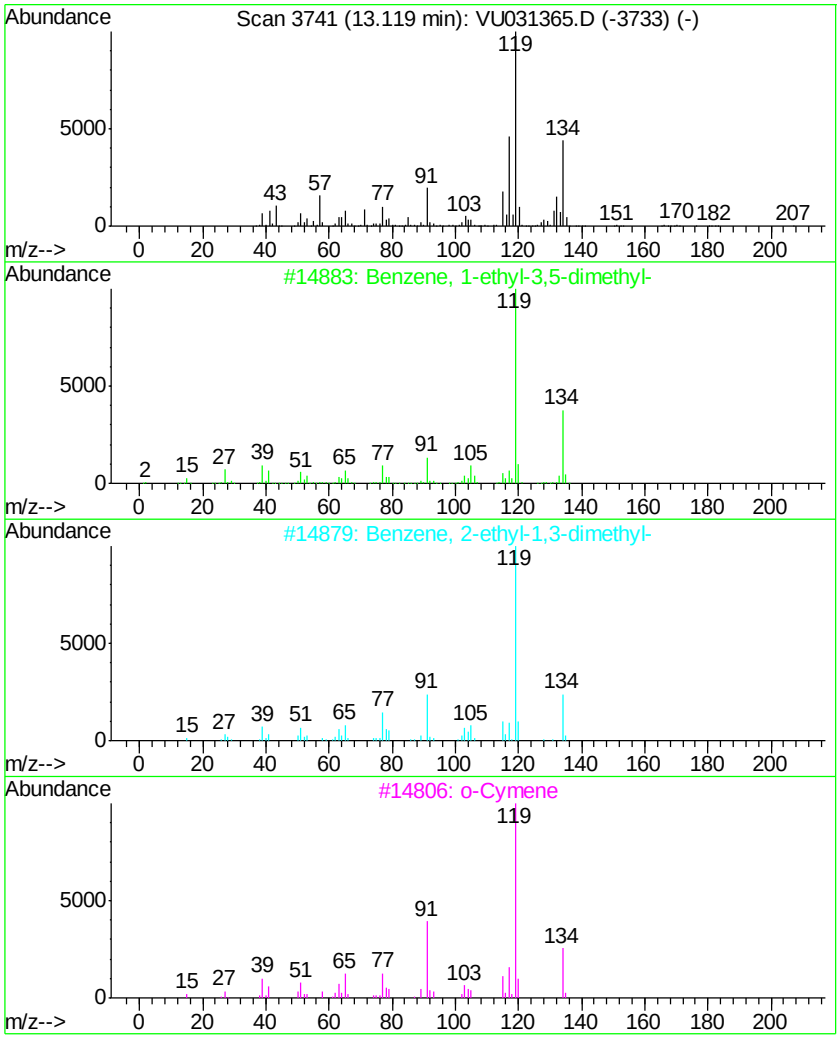
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

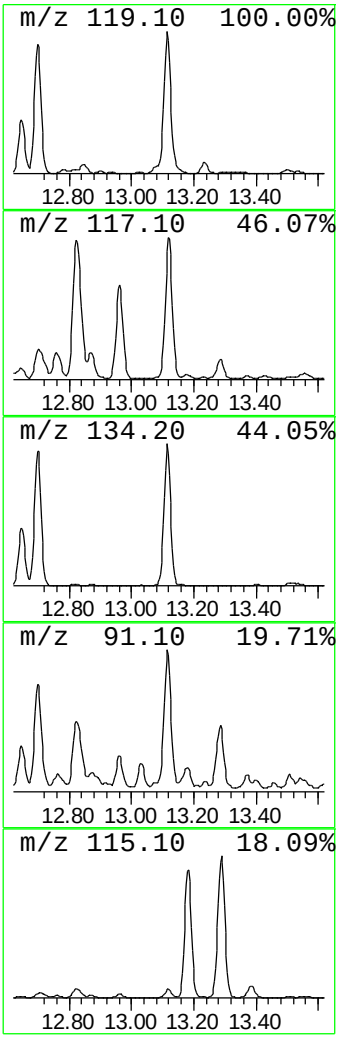
****

Peak Number 22 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	45.39 ug/L	1564100	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
3	o-Cymene	134	C10H14	000527-84-4	70
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

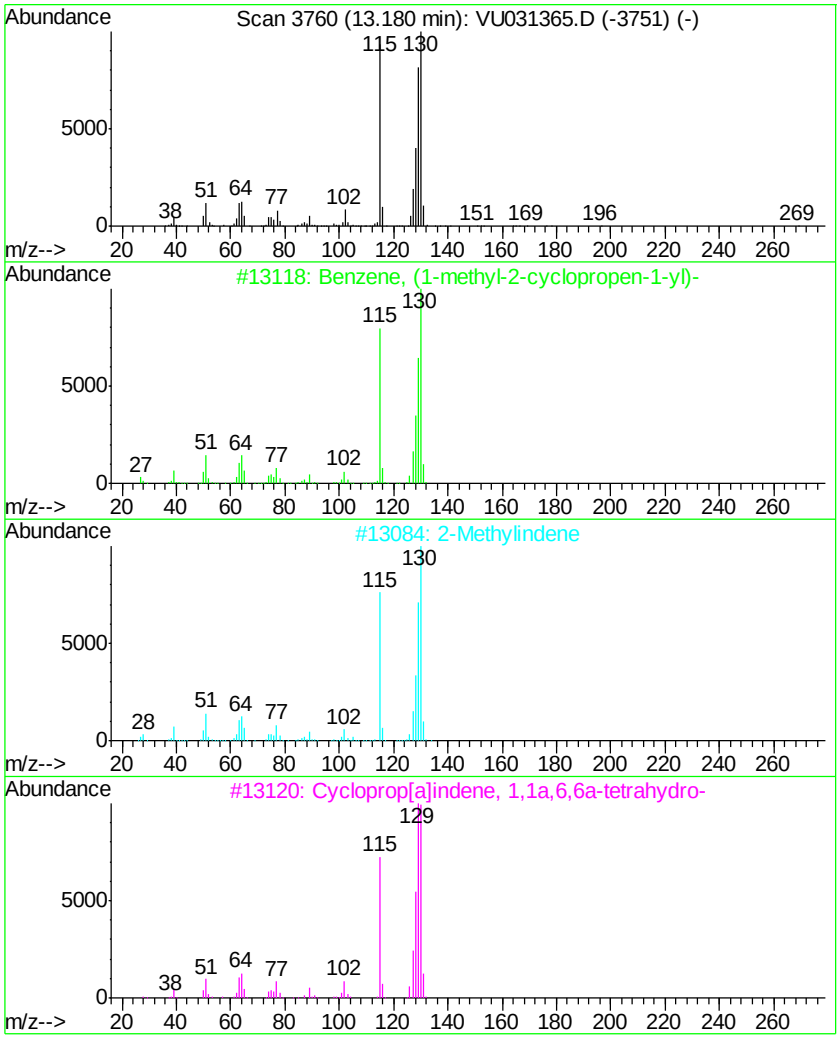
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

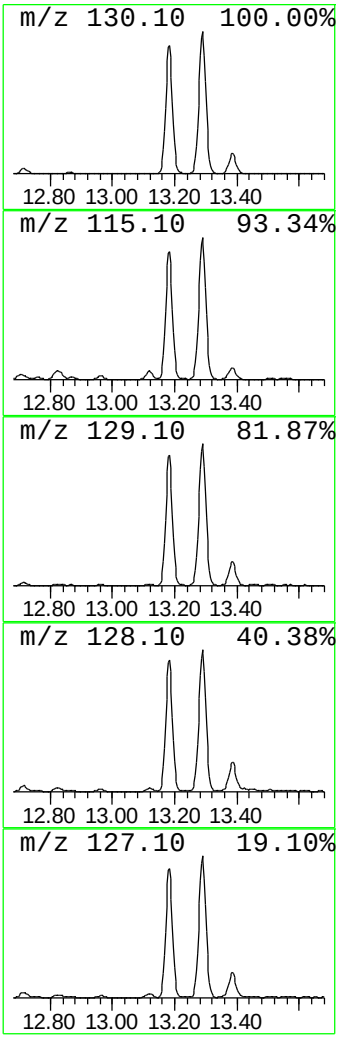
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, (1-methyl-2-cyclop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	131.54 ug/L	4532960	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	96
2	2-Methylindene	130	C10H10	002177-47-1	96
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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

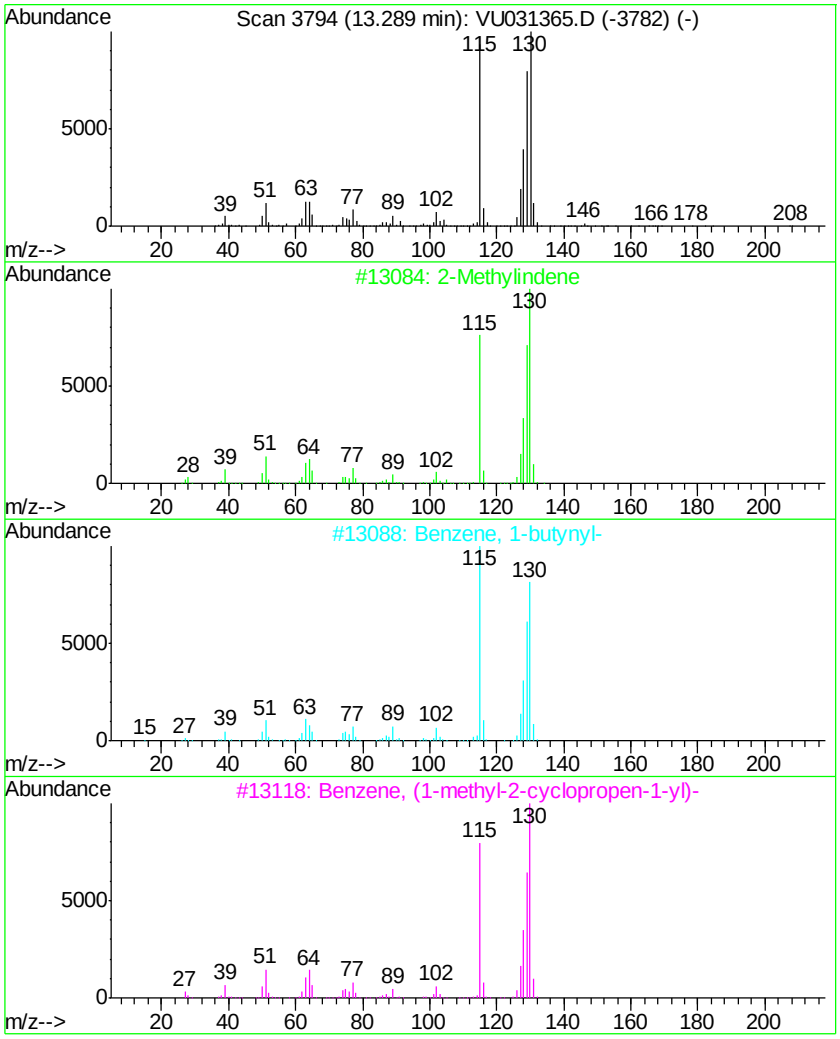
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

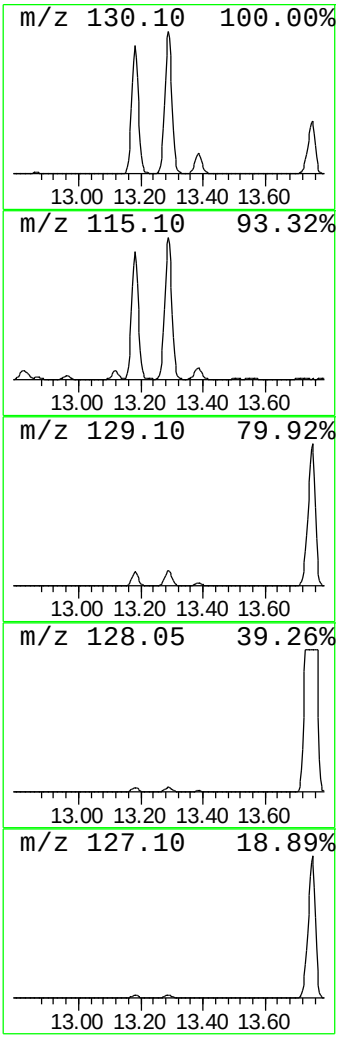
****

Peak Number 24 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	161.95 ug/L	5581030	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-butynyl-	130	C10H10	000622-76-4	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	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





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

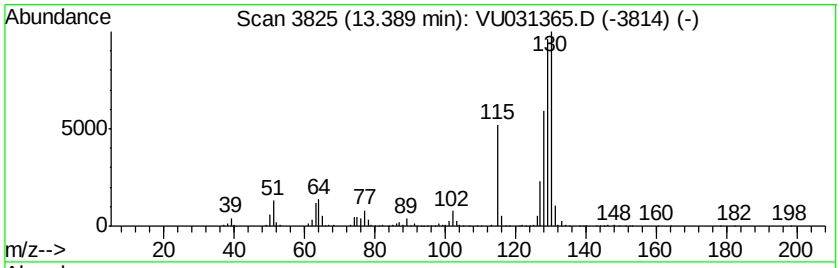
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

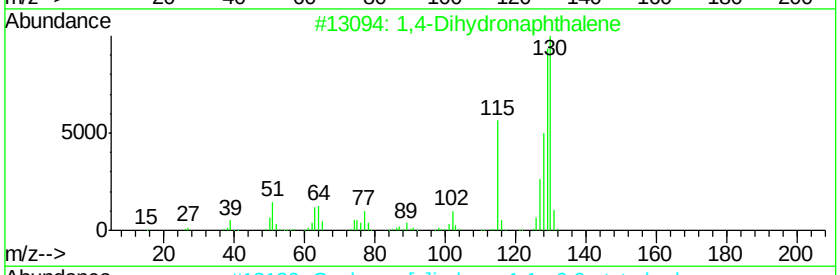
****

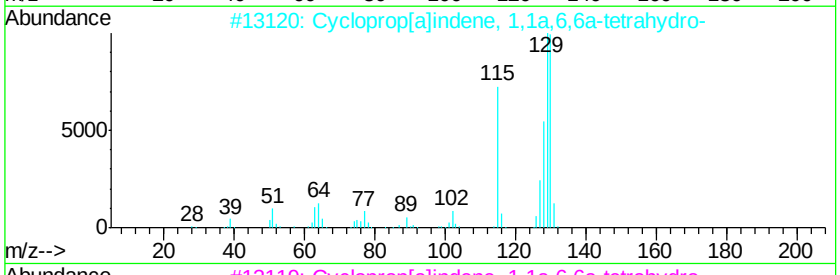
Peak Number 25 1,4-Dihydronaphthalene Concentration Rank 29

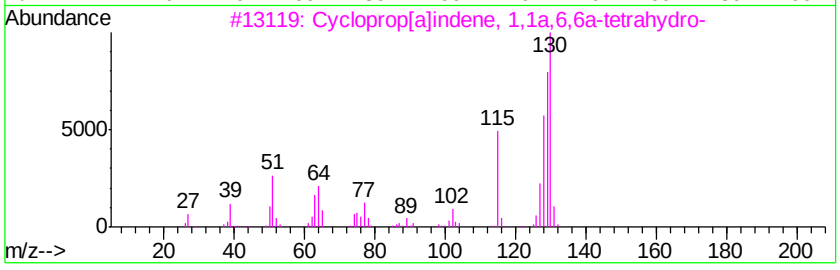
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	24.42 ug/L	841474	1,4-Dichlorobenzene-d4	11.48

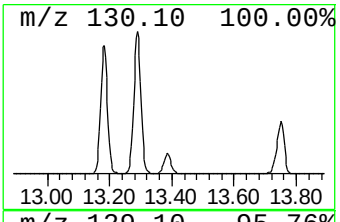
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	97
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	95
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95

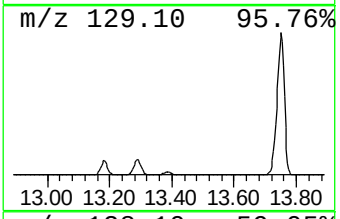


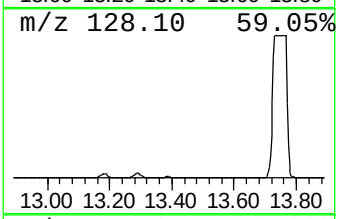


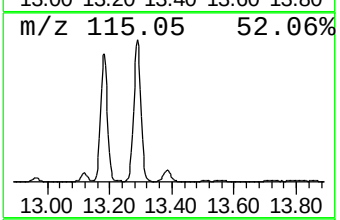


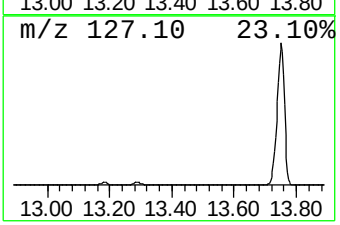












Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

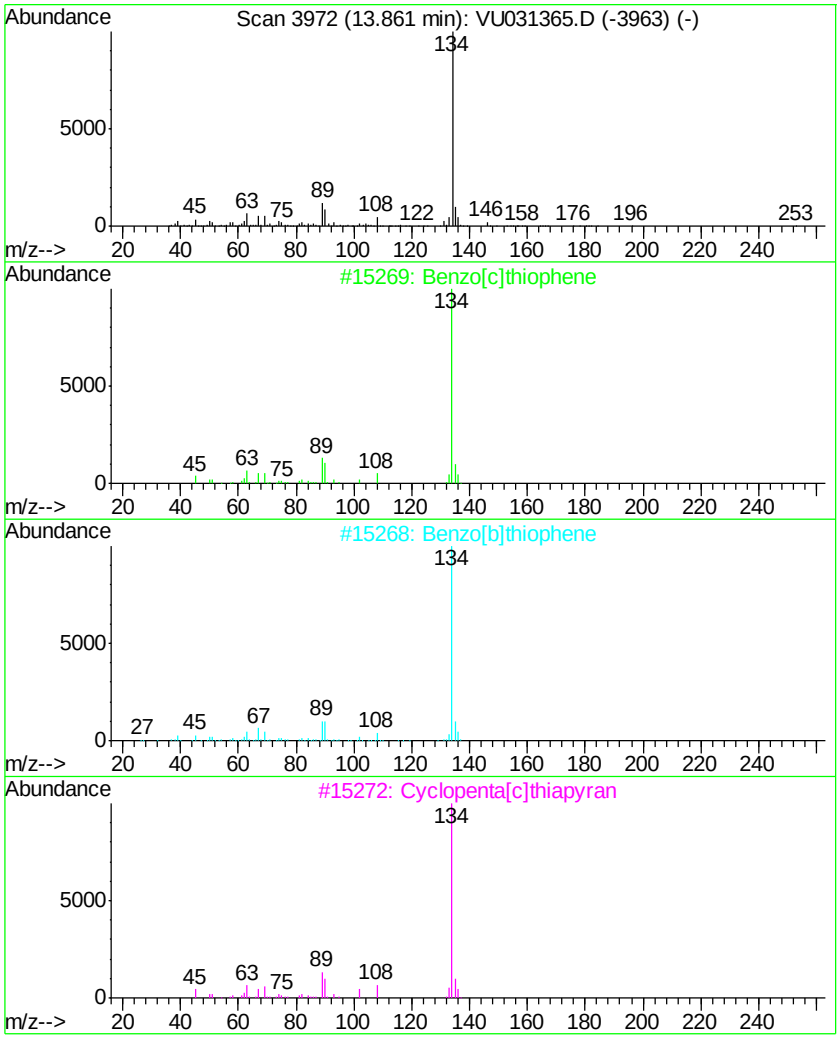
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

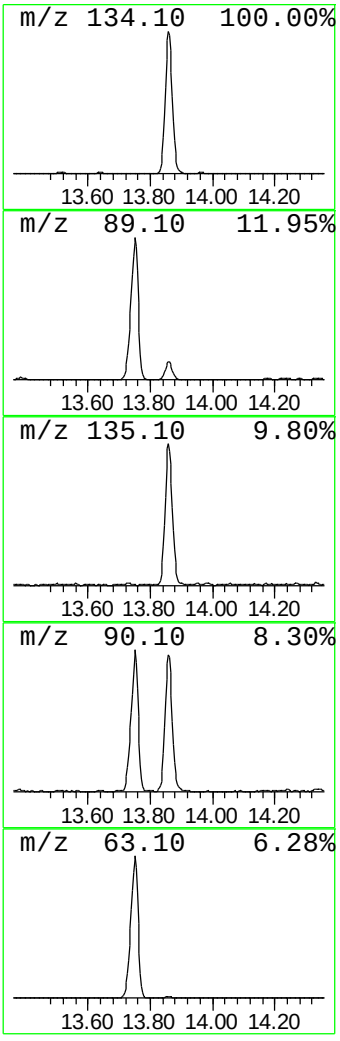
****

Peak Number 27 Benzo[c]thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	38.74 ug/L	1334970	1,4-Dichlorobenzene-d4	11.48

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	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

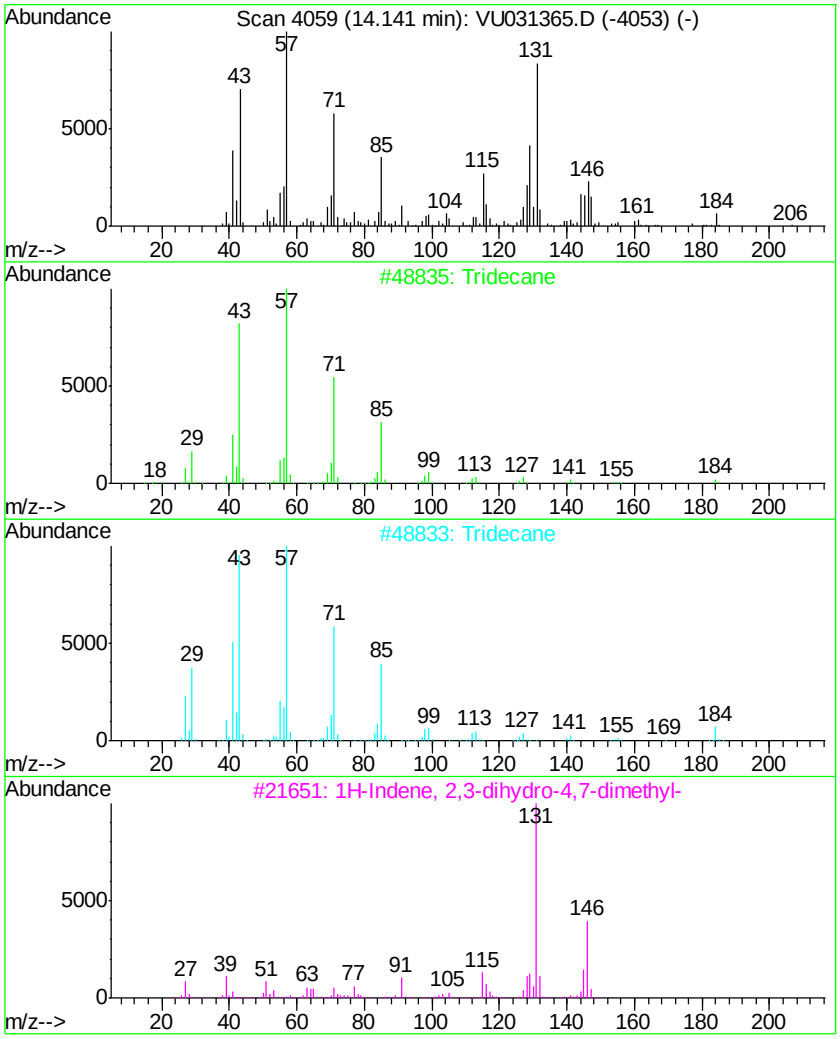
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

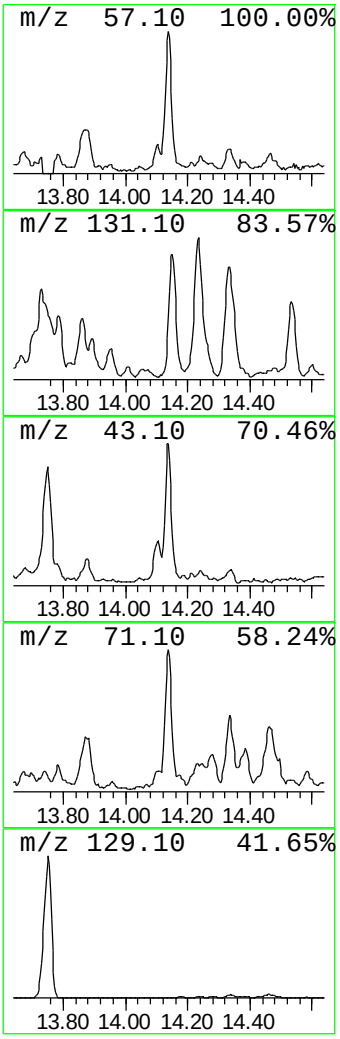
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	6.65 ug/L	229077	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	55
2	Tridecane	184	C13H28	000629-50-5	53
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	43
4	Tridecane	184	C13H28	000629-50-5	41
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

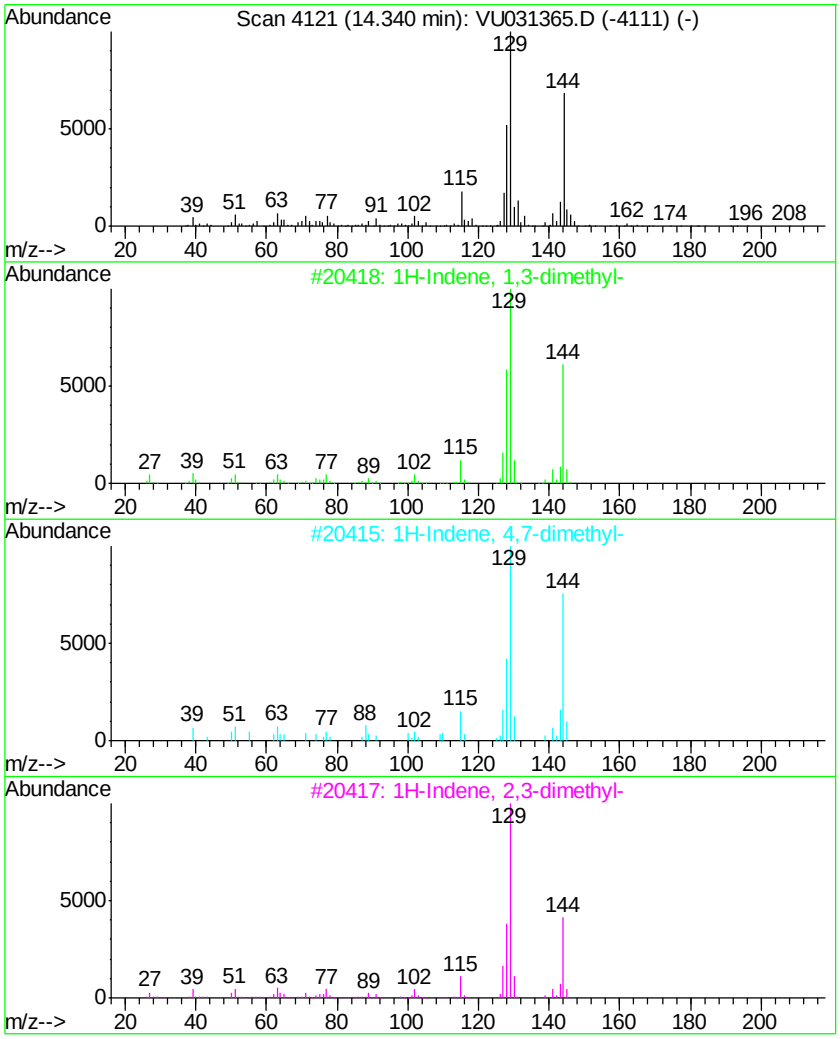
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

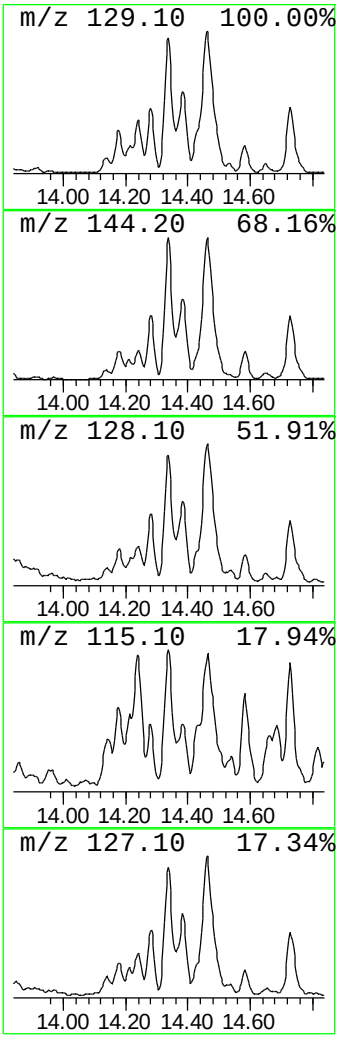
****

Peak Number 29 1H-Indene, 1,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	25.88 ug/L	891713	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	95
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	93
4	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	90
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

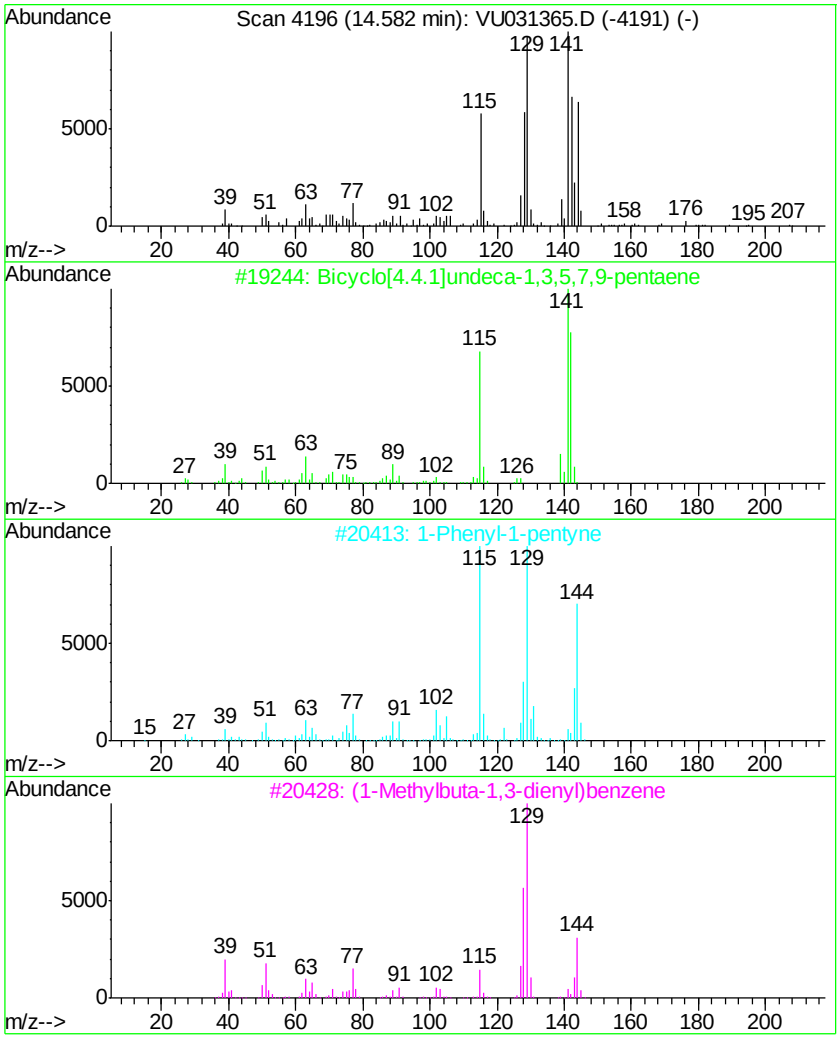
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

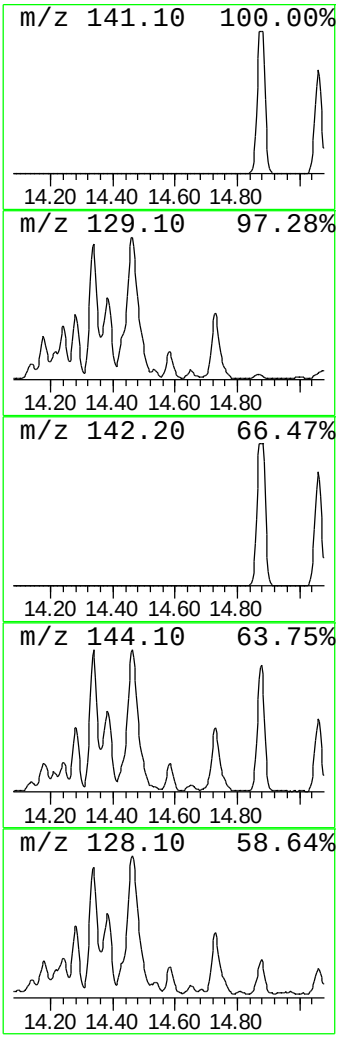
****

Peak Number 30 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	7.46 ug/L	257053	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	60
2	1-Phenyl-1-pentyne	144	C11H12	004250-81-1	60
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	55
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	55
5	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

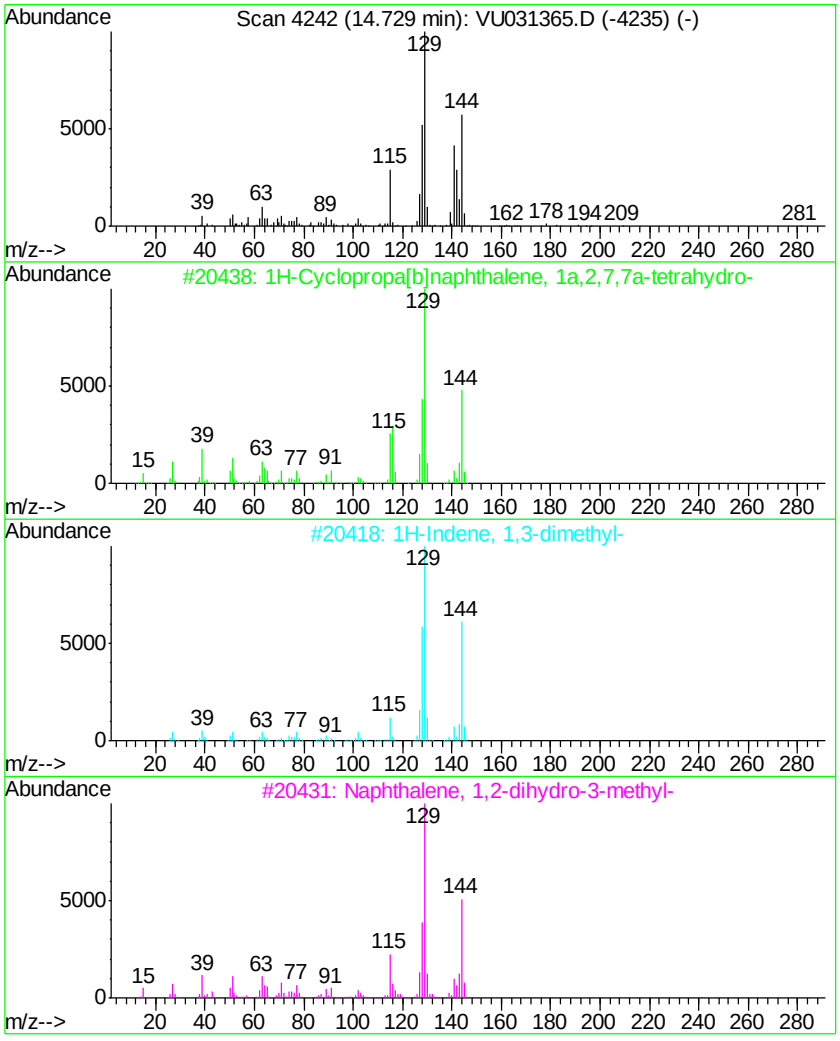
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

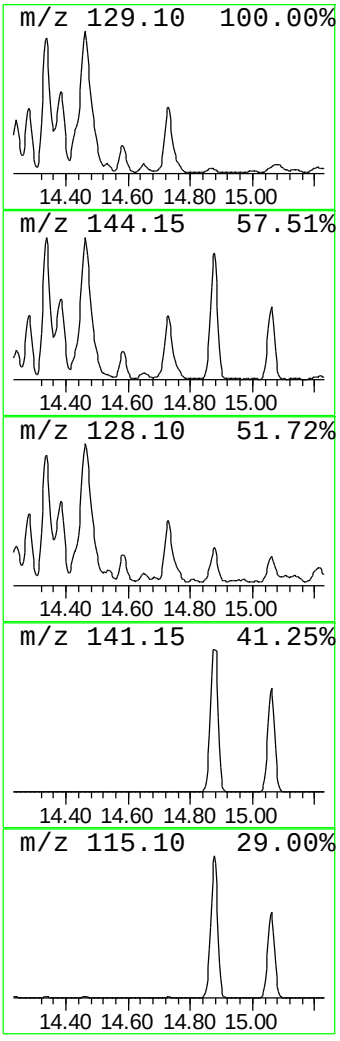
****

Peak Number 31 1H-Cyclopropa[b]naphthalene... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	15.98 ug/L	550540	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, 1,3-dimethyl-	144	C11H12	002177-48-2	76
3	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	70
4	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	70
5	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

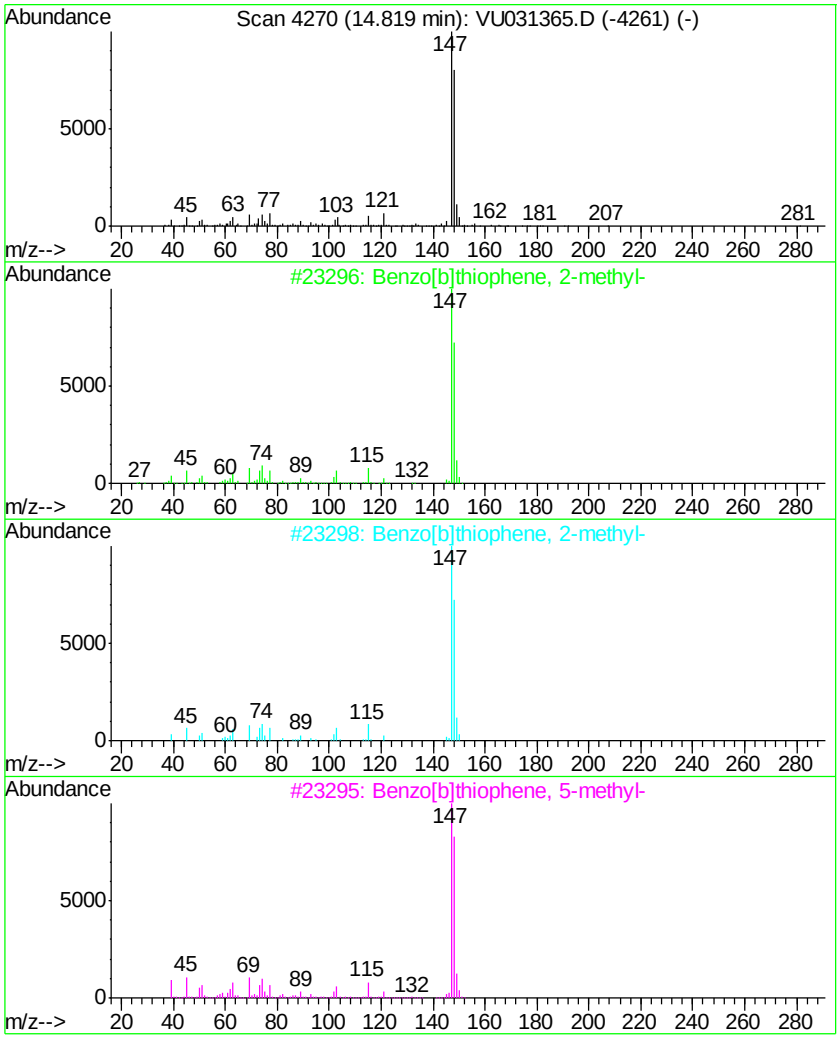
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

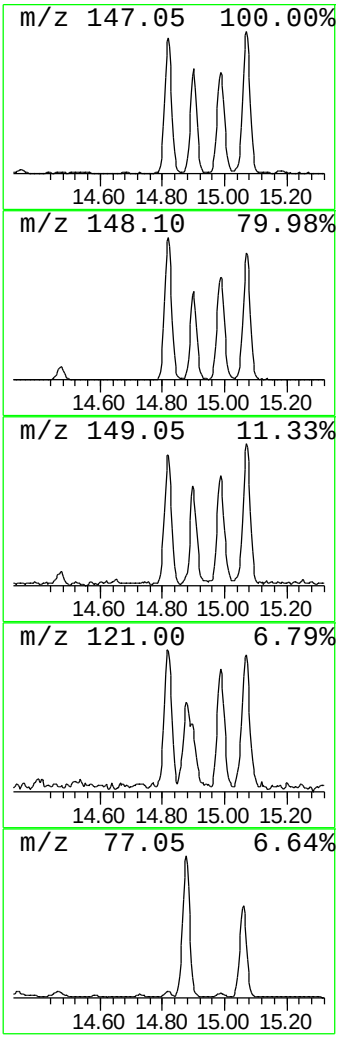
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzo[b]thiophene, 2-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	13.76 ug/L	474037	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

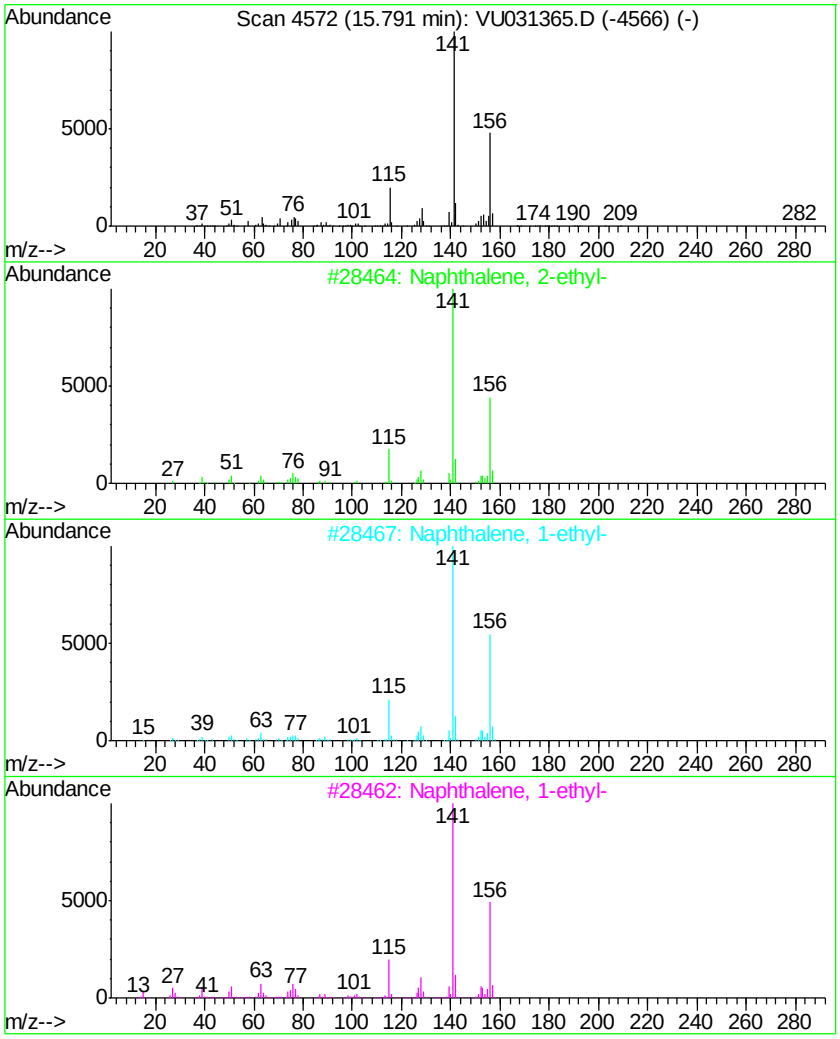
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

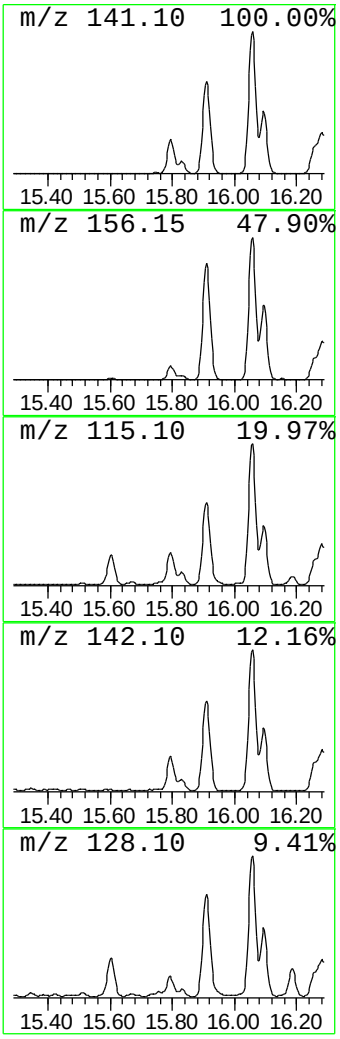
****

Peak Number 36 Naphthalene, 2-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	32.24 ug/L	1110930	1,4-Dichlorobenzene-d4	11.48

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





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

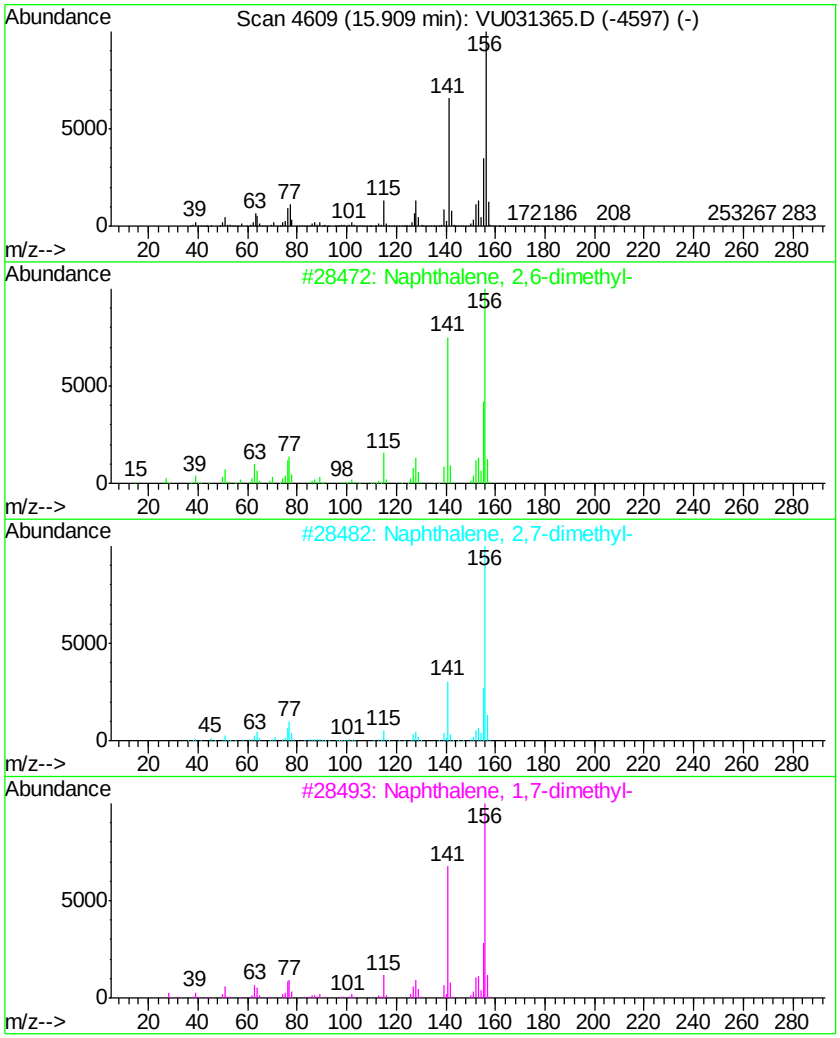
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

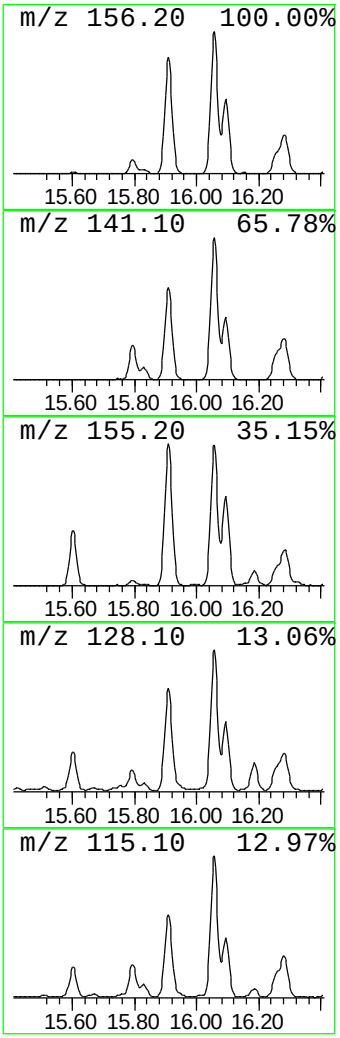
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	261.91 ug/L	9025910	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

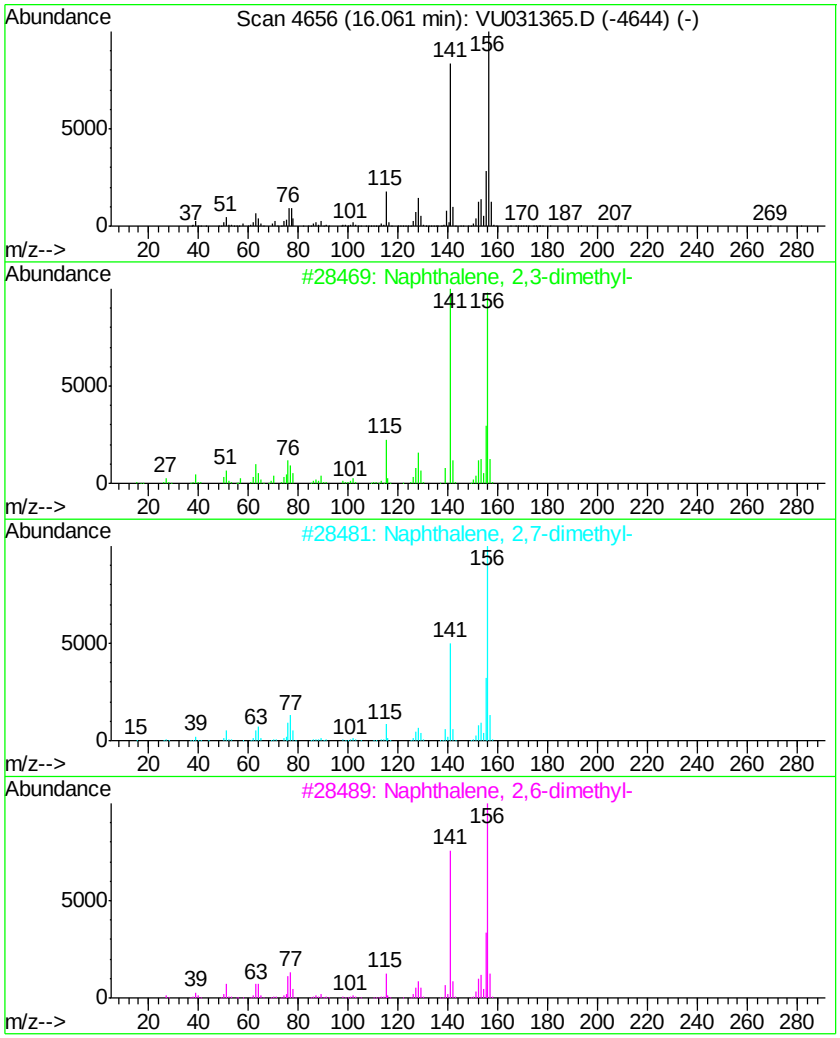
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

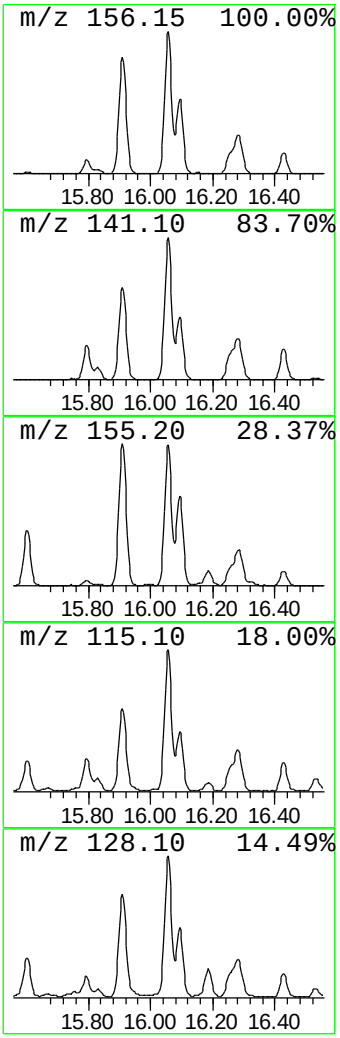
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	310.62 ug/L	10704400	1,4-Dichlorobenzene-d4	11.48

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





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

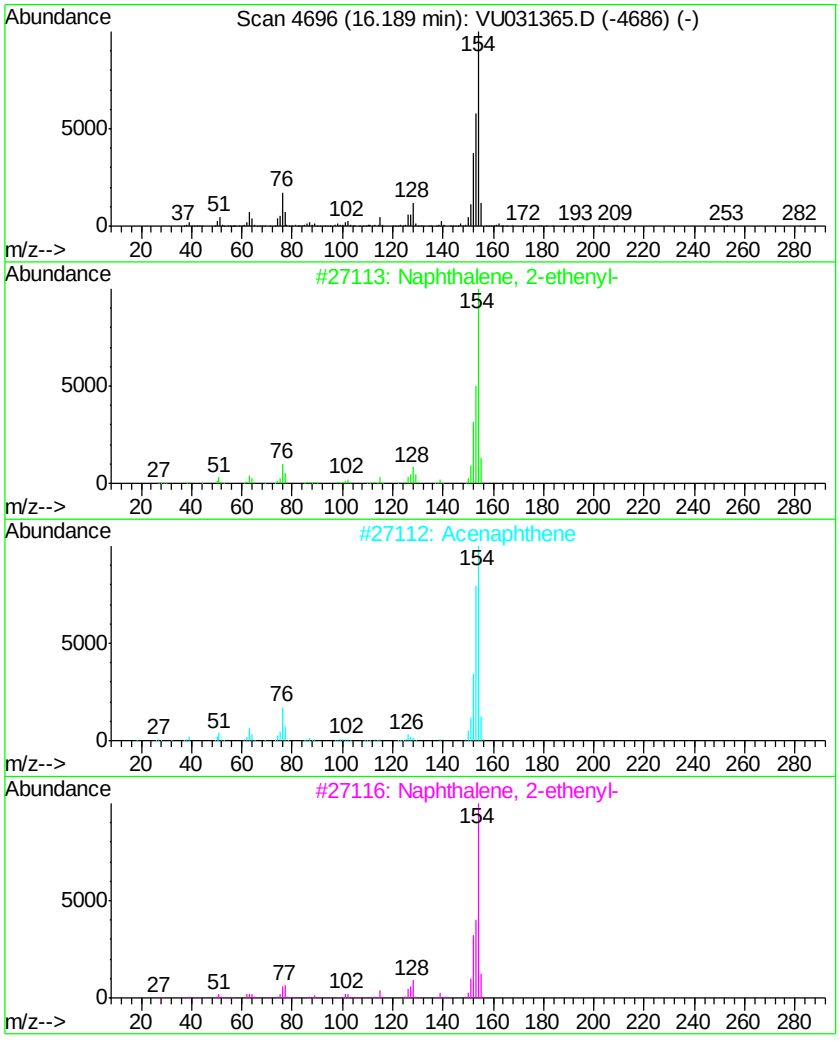
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

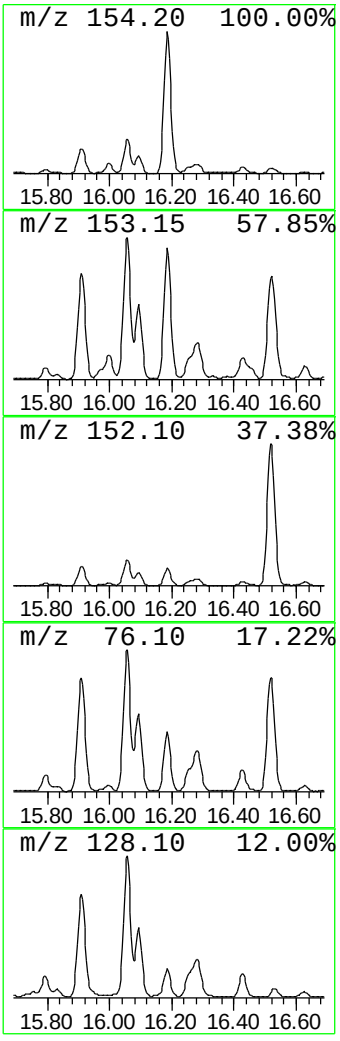
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Naphthalene, 2-ethenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	57.90 ug/L	1995410	1,4-Dichlorobenzene-d4	11.48

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, propyl-	10.59	3.9	ug/L	133581	3	11.48	1723080	50.0
Benzene, 1-ethyl-...	10.68	30.1	ug/L	1036130	3	11.48	1723080	50.0
Benzene, 1-ethyl-...	10.97	9.0	ug/L	309080	3	11.48	1723080	50.0
Benzene, 1,2,3-tr...	11.14	100.3	ug/L	3456220	3	11.48	1723080	50.0
Benzene, 1-etheny...	11.21	39.2	ug/L	1349830	3	11.48	1723080	50.0
Benzene, 1-etheny...	11.26	15.3	ug/L	527988	3	11.48	1723080	50.0
Benzene, cyclopro...	11.62	21.9	ug/L	753085	3	11.48	1723080	50.0
Indane	11.76	22.0	ug/L	757974	3	11.48	1723080	50.0
Indene	11.98	330.1	ug/L	11375800	3	11.48	1723080	50.0
Benzene, 1-ethyl-...	12.15	5.4	ug/L	187085	3	11.48	1723080	50.0
Benzene, (2-methy...	12.42	22.4	ug/L	773394	3	11.48	1723080	50.0
Benzene, 2-etheny...	12.48	6.2	ug/L	214172	3	11.48	1723080	50.0
Benzene, 1,2,3,5-...	12.65	9.7	ug/L	335512	3	11.48	1723080	50.0
Benzene, 1-ethyl-...	12.70	33.2	ug/L	1145200	3	11.48	1723080	50.0
Benzene, 1-etheny...	12.82	22.1	ug/L	759977	3	11.48	1723080	50.0
1H-Indene, 2,3-di...	12.96	9.9	ug/L	341126	3	11.48	1723080	50.0
(DEL) Alkane: Cyc...	13.08	3.8	ug/L	131655	3	11.48	1723080	50.0
Benzene, 1-ethyl-...	13.12	45.4	ug/L	1564100	3	11.48	1723080	50.0
Benzene, (1-methy...	13.18	131.5	ug/L	4532960	3	11.48	1723080	50.0
2-Methylindene	13.29	161.9	ug/L	5581030	3	11.48	1723080	50.0
1,4-Dihydronaphth...	13.39	24.4	ug/L	841474	3	11.48	1723080	50.0
Benzo[c]thiophene	13.86	38.7	ug/L	1334970	3	11.48	1723080	50.0
(DEL) Alkane: Str...	14.14	6.7	ug/L	229077	3	11.48	1723080	50.0
1H-Indene, 1,3-di...	14.34	25.9	ug/L	891713	3	11.48	1723080	50.0
Bicyclo[4.4.1]und...	14.58	7.5	ug/L	257053	3	11.48	1723080	50.0
1H-Cyclopropa[b]n...	14.73	16.0	ug/L	550540	3	11.48	1723080	50.0
Benzo[b]thiophene...	14.82	13.8	ug/L	474037	3	11.48	1723080	50.0
Naphthalene, 2-et...	15.79	32.2	ug/L	1110930	3	11.48	1723080	50.0
Naphthalene, 2,6-...	15.91	261.9	ug/L	9025910	3	11.48	1723080	50.0
Naphthalene, 2,3-...	16.06	310.6	ug/L	10704400	3	11.48	1723080	50.0
Naphthalene, 2-et...	16.19	57.9	ug/L	1995410	3	11.48	1723080	50.0