LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.180	23	28	35	rVB2	19412	18445	0.03%	0.010%
2	1.396	88	95	113	rBV	255373	282185	0.50%	0.146%
3	1.679	176	183	192	rBV	229569	272067	0.48%	0.140%
4	2.267	356	366	380	rVB	459060	705785	1.26%	0.364%
5	2.527	442	447	452	rBV5	1797	2089	0.00%	0.001%
6	2.643	480	483	490	rVB6	1282	1139	0.00%	0.001%
7	2.701	490	501	504	rBV7	8385	13220	0.02%	0.007%
8	2.859	545	550	553	rBV5	1108	924	0.00%	0.000%
9	2.994	580	592	608	rVV4	11918	26630	0.05%	0.014%
10	3.187	650	652	660	rVB7	1314	1390	0.00%	0.001%
11	3.302	675	688	702	rBV2	18237	38924	0.07%	0.020%
12	3.505	744	751	754	rVB4	997	1140	0.00%	0.001%
13	3.981	897	899	903	rVV2	1377	987	0.00%	0.001%
14	4.080	917	930	931	rBV5	5907	7643	0.01%	0.004%
15	4.186	948	963	993	rBV	159649	477691	0.85%	0.246%
16	4.640	1086	1104	1128	rBV	300126	711670	1.27%	0.367%
17	4.939	1192	1197	1201	rBV4	1294	1246	0.00%	0.001%
18	4.965	1201	1205	1206	rVV3	1718	1308	0.00%	0.001%
19	4.990	1207	1213	1221	rVB6	4178	7278	0.01%	0.004%
20	5.206	1274	1280	1281	rBV3	1442	1497	0.00%	0.001%
21	5.334	1297	1320	1356	rBV2	616610	1849933	3.30%	0.954%
22	5.608	1399	1405	1407	rBV5	1393	1434	0.00%	0.001%
23	5.881	1475	1490	1521	rBV2	683848	1434236	2.56%	0.740%
24	6.180	1572	1583	1593	rBV9	5602	12348	0.02%	0.006%
25	6.325	1614	1628	1656	rBV	402448	845681	1.51%	0.436%
26	6.518	1682	1688	1691	rBV4	1711	1306	0.00%	0.001%
27	7.225	1896	1908	1926	rBV	227448	435886	0.78%	0.225%
28	7.428	1961	1971	1973	rBV5	1735	2279	0.00%	0.001%
29	7.563	1997	2013	2057	rBV	795473	1553282	2.77%	0.801%
30	7.727	2059	2064	2076	rVB9	5627	11277	0.02%	0.006%
31	7.804	2085	2088	2090	rBV3	1580	981	0.00%	0.001%
32	7.849	2091	2102	2126	rVV	152792	289510	0.52%	0.149%
33	8.173	2201	2203	2213	rVB3	1933	1878	0.00%	0.001%
34	8.312	2234	2246	2281	rBV	582588	1147049	2.04%	0.592%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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	8.749	2374	2382	2389	rVB8	2987	5233	0.01%	0.003%
36	8.955	2444	2446	2451	rVB3	1526	1243	0.00%	0.001%
37	8.987	2451	2456	2457	rBV3	1662	1143	0.00%	0.001%
38	9.087	2474	2487	2523	rBV	981224	1755694	3.13%	0.905%
39	9.251	2531	2538	2551	rBV	15129	27991	0.05%	0.014%
40	9.370	2561	2575	2608	rBV	1274910	2253178	4.02%	1.162%
41	9.714	2679	2682	2686	rBV4	2737	2021	0.00%	0.001%
42	9.778	2689	2702	2732	rBV2	588033	1159030	2.07%	0.598%
43	9.948	2749	2755	2765	rVB2	4880	8224	0.01%	0.004%
44	9.997	2765	2770	2772	rBV4	1464	1399	0.00%	0.001%
45	10.035	2780	2782	2785	rBV4	2933	2285	0.00%	0.001%
46	10.164	2811	2822	2832	rBV	51486	86589	0.15%	0.045%
47	10.296	2860	2863	2864	rBV2	2349	1493	0.00%	0.001%
48	10.427	2891	2904	2920	rBV	576525	936388	1.67%	0.483%
49	10.585	2943	2953	2968	rBV	73460	122389	0.22%	0.063%
50	10.678	2970	2982	2999	rBV	947186	2076726	3.70%	1.071%
51	10.768	3000	3010	3020	rVV	493470	765011	1.36%	0.395%
52	10.968	3062	3072	3076	rBV	210568	325827	0.58%	0.168%
53	11.144	3111	3127	3138	rBV	1662274	2651628	4.73%	1.368%
54	11.212	3138	3148	3157	rVV	1731413	2649843	4.72%	1.367%
55	11.260	3157	3163	3178	rVB	564977	870650	1.55%	0.449%
56	11.479	3221	3231	3244	rBV	1088595	1752725	3.12%	0.904%
57	11.566	3250	3258	3268	rVV	469004	699070	1.25%	0.361%
58	11.623	3268	3276	3293	rVB	247593	400801	0.71%	0.207%
59	11.765	3309	3320	3328	rBV3	169859	351791	0.63%	0.181%
60	11.858	3339	3349	3365	rVB2	970769	1748774	3.12%	0.902%
61	11.977	3374	3386	3396	rBV	3739128	5810938	10.36%	2.997%
62	12.144	3429	3438	3441	rBV2	100290	148109	0.26%	0.076%
63	12.218	3454	3461	3465	rBV	184545	257954	0.46%	0.133%
64	12.302	3478	3487	3498	rVB2	215570	383366	0.68%	0.198%
65	12.421	3515	3524	3535	rVB	815838	1246363	2.22%	0.643%
66	12.482	3535	3543	3556	rVB2	237088	372630	0.66%	0.192%
67	12.646	3587	3594	3602	rVB	187614	266371	0.47%	0.137%
68	12.704	3602	3612	3623	rBV2	448630	908129	1.62%	0.468%
69	12.820	3639	3648	3659	rBV2	584121	960019	1.71%	0.495%
70	12.961	3685	3692	3706	rVB	141948	208662	0.37%	0.108%
71	13.032	3708	3714	3721	rVB4	27174	36070	0.06%	0.019%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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	13.080	3724	3729	3731	rBV4	41704	42013	0.07%	0.022%
73	13.119	3733	3741	3750	rVV2	600762	932520	1.66%	0.481%
74	13.180	3750	3760	3772	rVB	2553331	3892237	6.94%	2.007%
75	13.286	3782	3793	3808	rVB	2772186	4538262	8.09%	2.341%
76	13.382	3812	3823	3838	rVB2	256373	568779	1.01%	0.293%
77	13.742	3921	3935	3948	rBV2	34603216	56106203	100.00%	28.936%
78	13.858	3965	3971	3986	rVB	302008	502977	0.90%	0.259%
79	14.138	4051	4058	4064	rBV2	185172	275218	0.49%	0.142%
80	14.279	4096	4102	4109	rVB	196250	266673	0.48%	0.138%
81	14.334	4110	4119	4128	rBV2	489035	846155	1.51%	0.436%
82	14.459	4150	4158	4176	rVB2	403955	873682	1.56%	0.451%
83	14.582	4189	4196	4208	rVB	179404	278830	0.50%	0.144%
84	14.726	4234	4241	4259	rVB	327744	572227	1.02%	0.295%
85	14.816	4262	4269	4275	rBV	145851	216961	0.39%	0.112%
86	14.874	4275	4287	4312	rVB	24549195	37918715	67.58%	19.556%
87	15.057	4332	4344	4364	rBV	10716526	16710571	29.78%	8.618%
88	15.601	4504	4513	4524	rBV	942497	1442246	2.57%	0.744%
89	15.794	4565	4573	4580	rBV	882267	1281725	2.28%	0.661%
90	15.909	4597	4609	4629	rBV	4324921	7487175	13.34%	3.861%
91	16.054	4644	4654	4661	rBV	3942690	6094670	10.86%	3.143%
92	16.183	4685	4694	4707	rVV	1265338	1980868	3.53%	1.022%
93	16.279	4708	4724	4747	rVB	1086208	2664543	4.75%	1.374%
94	16.427	4761	4770	4783	rBV	512109	820966	1.46%	0.423%
95	16.520	4788	4799	4818	rVB3	1656380	3108232	5.54%	1.603%
96	16.626	4826	4832	4843	rVB2	278521	440589	0.79%	0.227%
97	17.016	4946	4953	4973	rVB4	425723	878913	1.57%	0.453%
98	17.163	4990	4999	5009	rBV	522935	836797	1.49%	0.432%
99	17.225	5010	5018	5028	rVB	316863	488671	0.87%	0.252%
100	17.527	5103	5112	5126	rBV2	209650	415714	0.74%	0.214%

Sum of corrected areas: 193899227

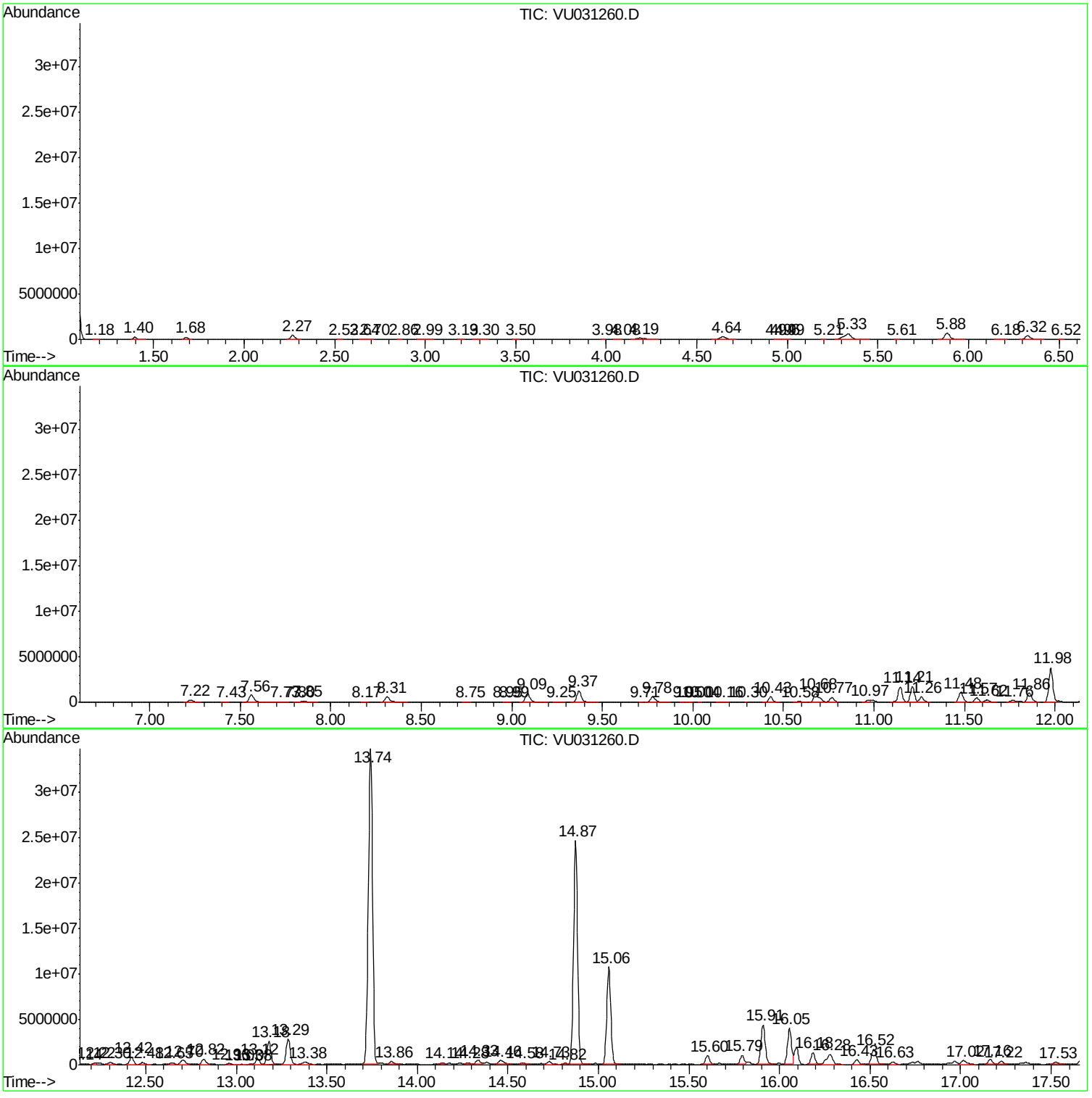
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

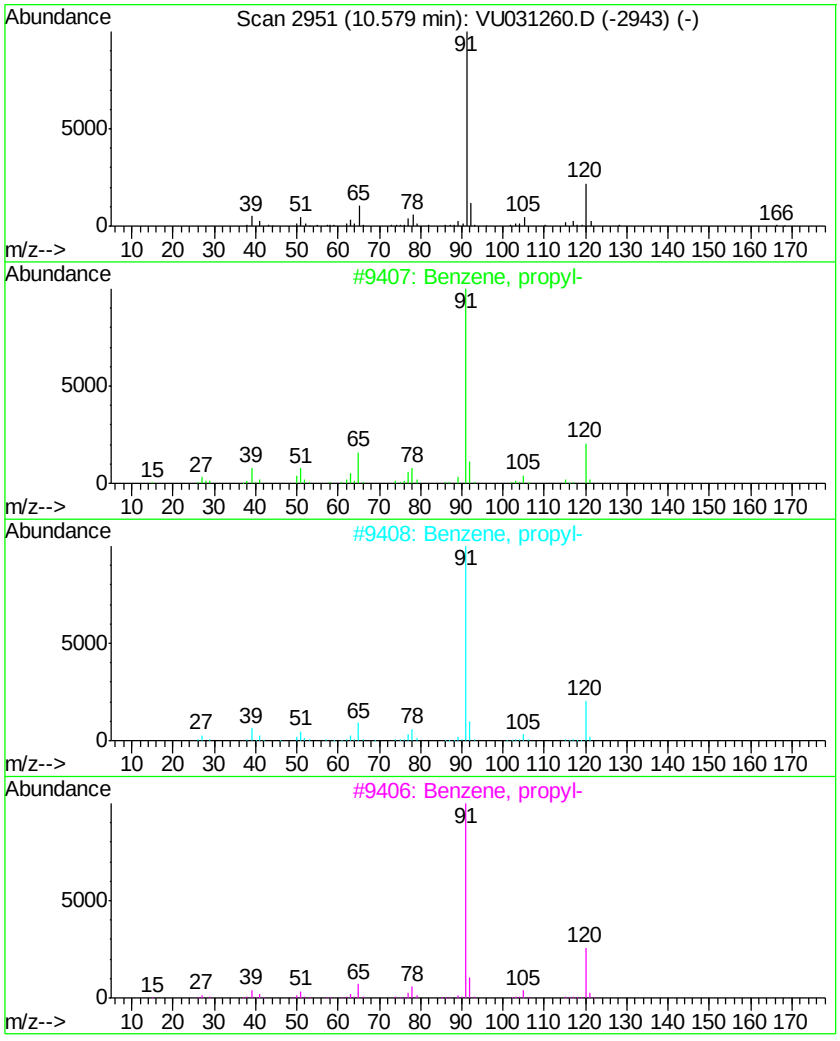
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

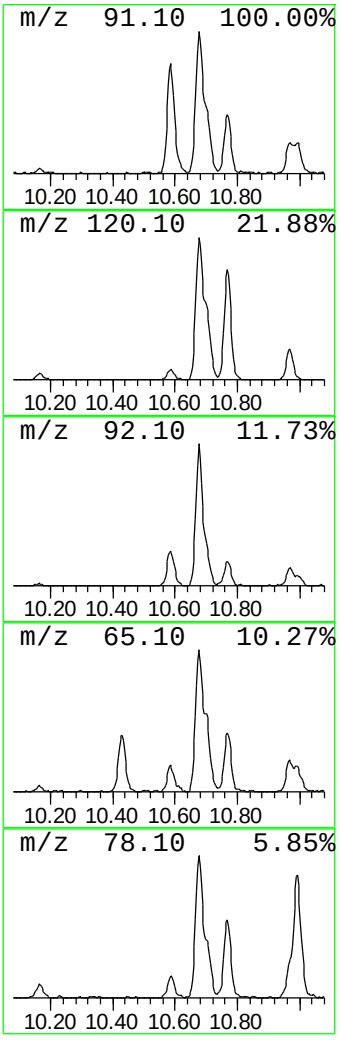
****

Peak Number 2 Benzene, propyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	3.49 ug/L	122389	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
5	6-Methylenebicyclo[3.2.0]hept-3-...	120	C8H8O	1000211-11-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

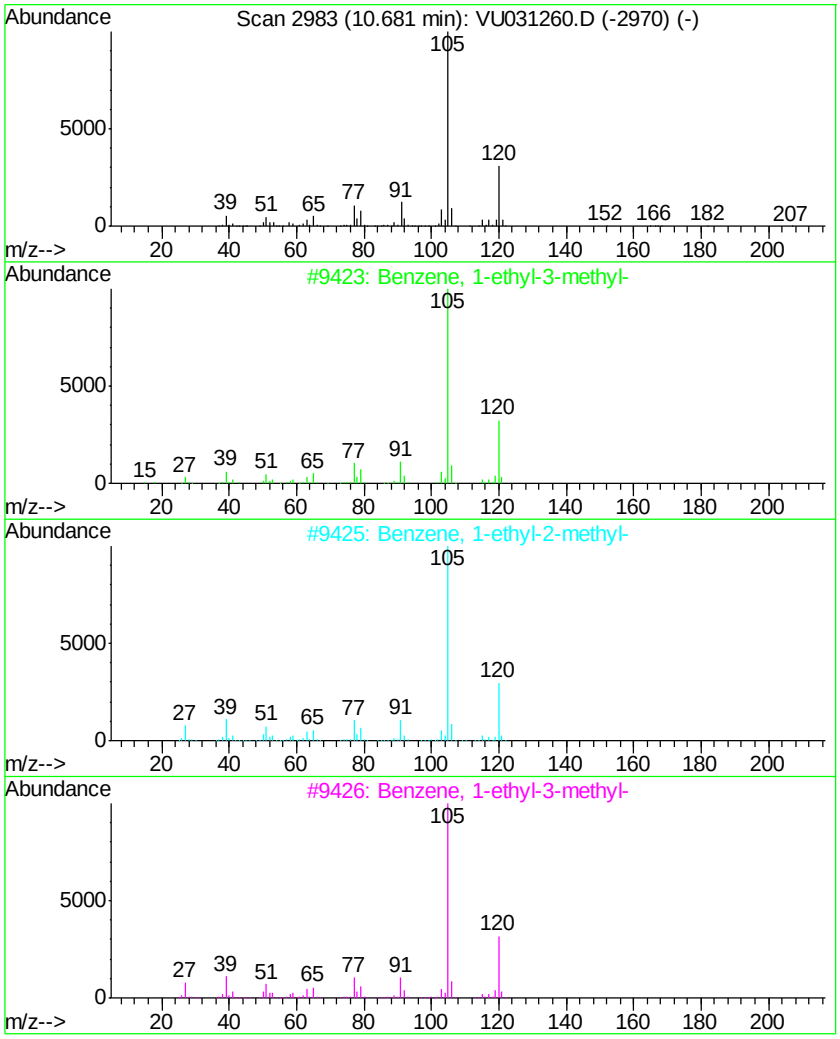
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

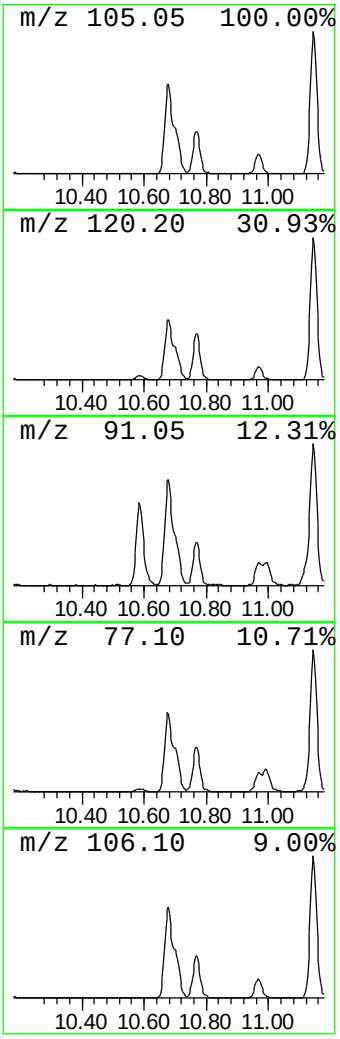
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	59.24 ug/L	2076730	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-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-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

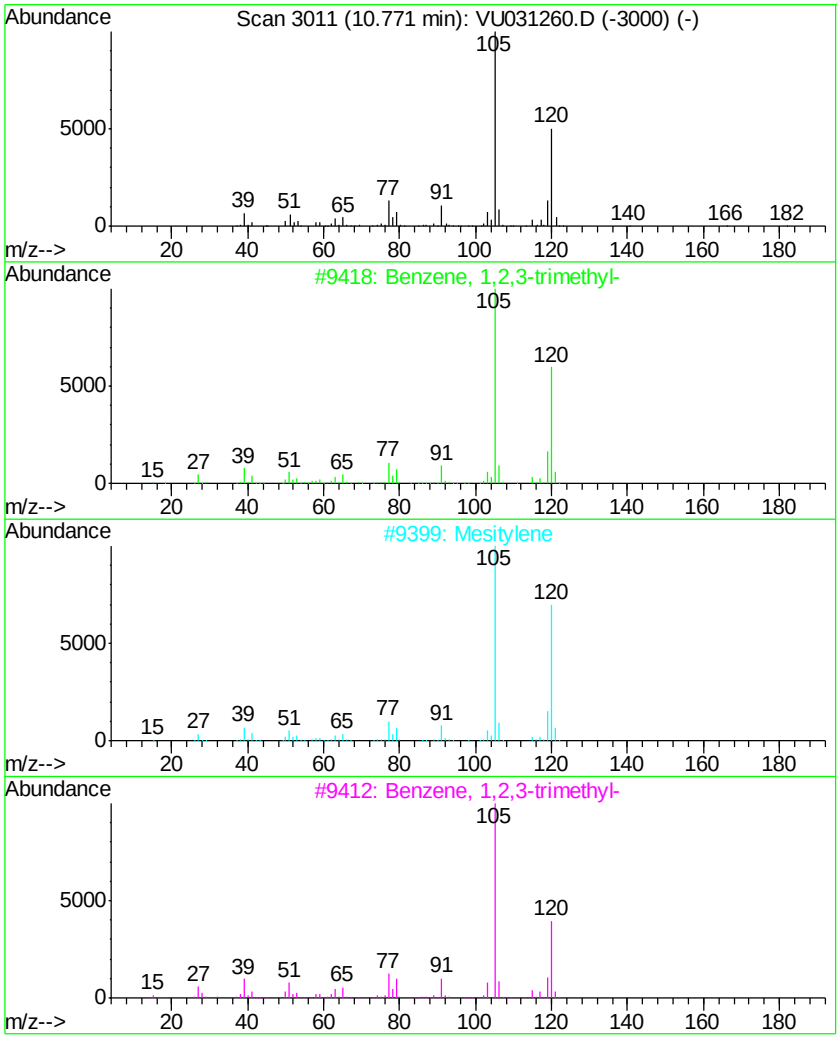
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

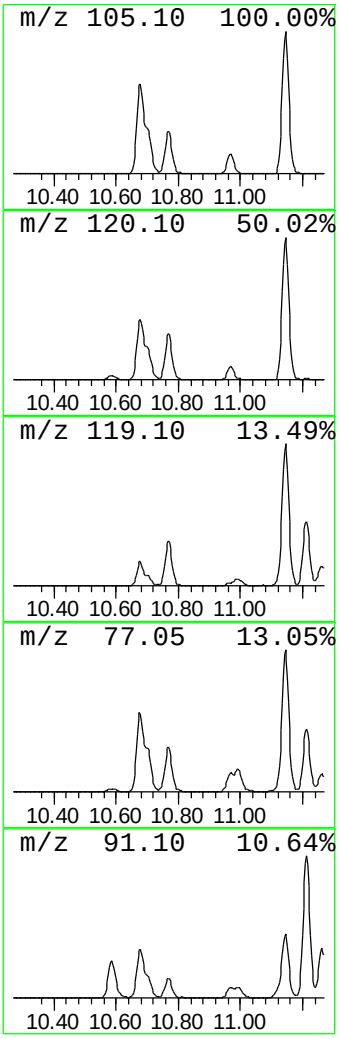
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	21.82 ug/L	765011	1,4-Dichlorobenzene-d4	11.48

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

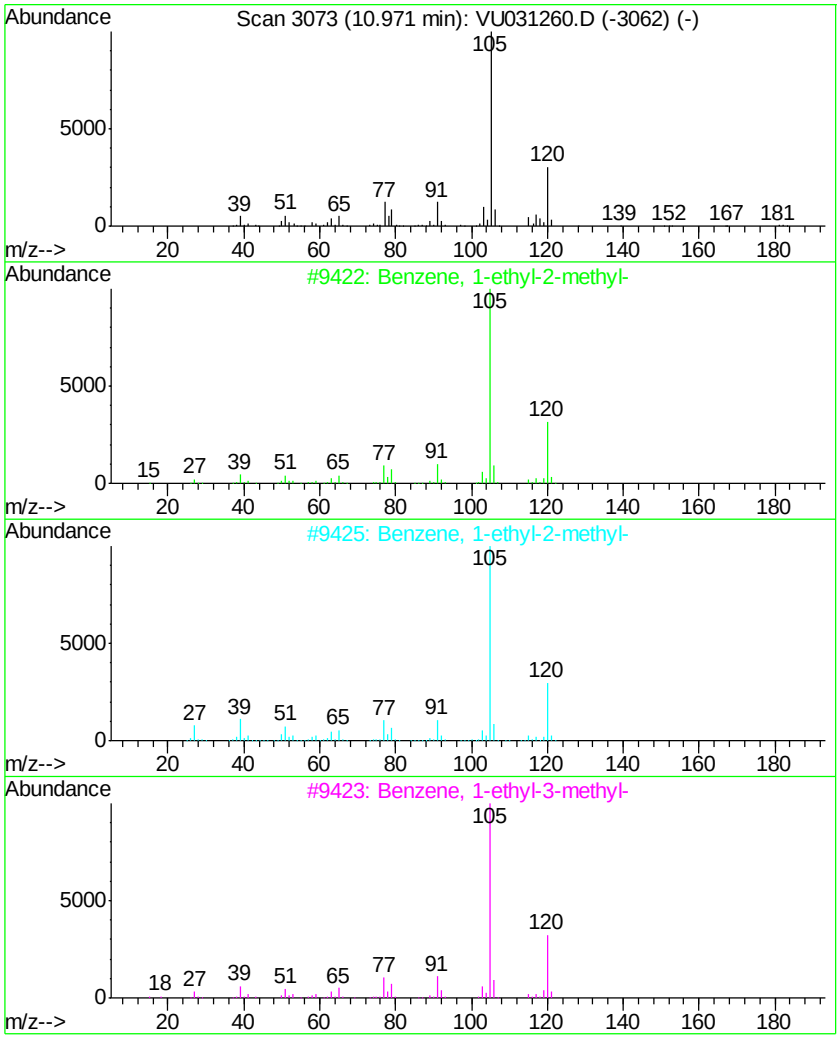
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

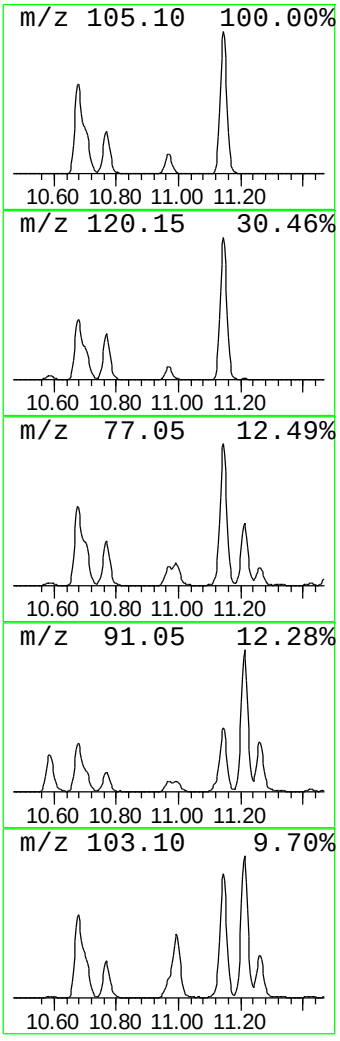
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	9.29 ug/L	325827	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

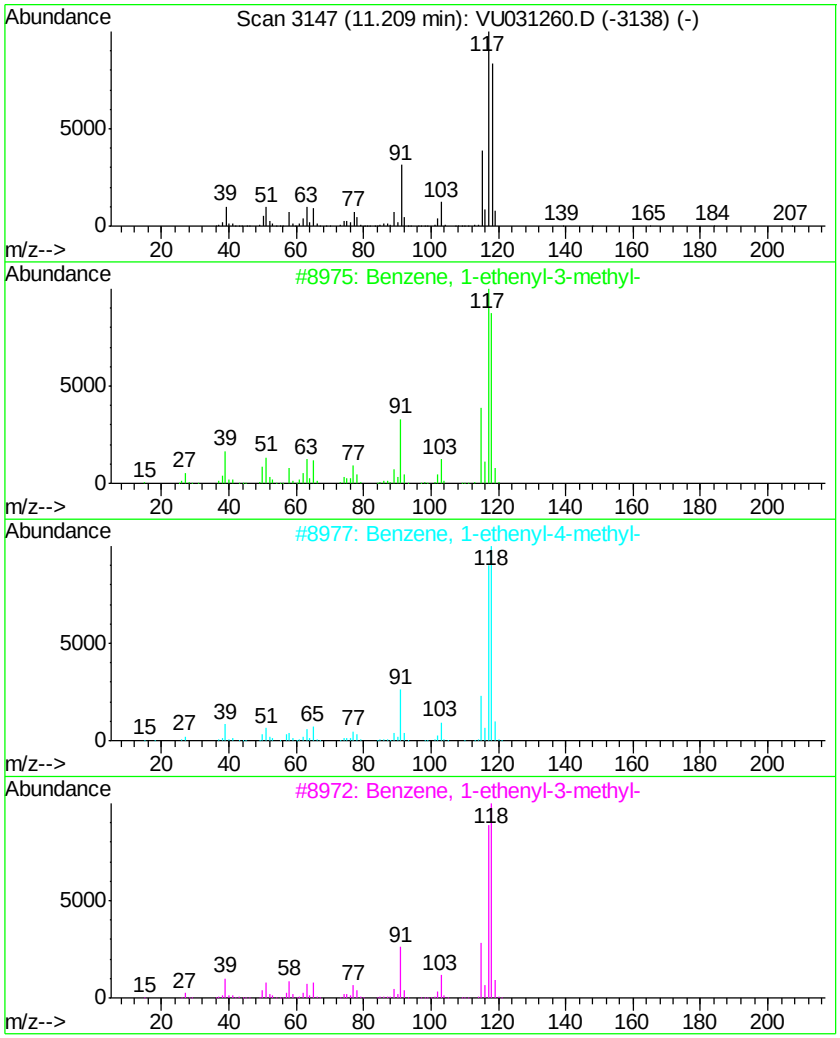
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

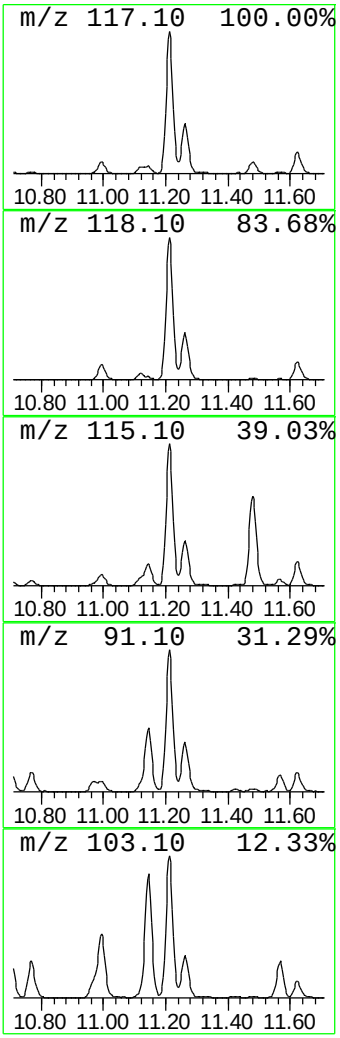
****

Peak Number 7 Benzene, 1-ethenyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	75.59 ug/L	2649840	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

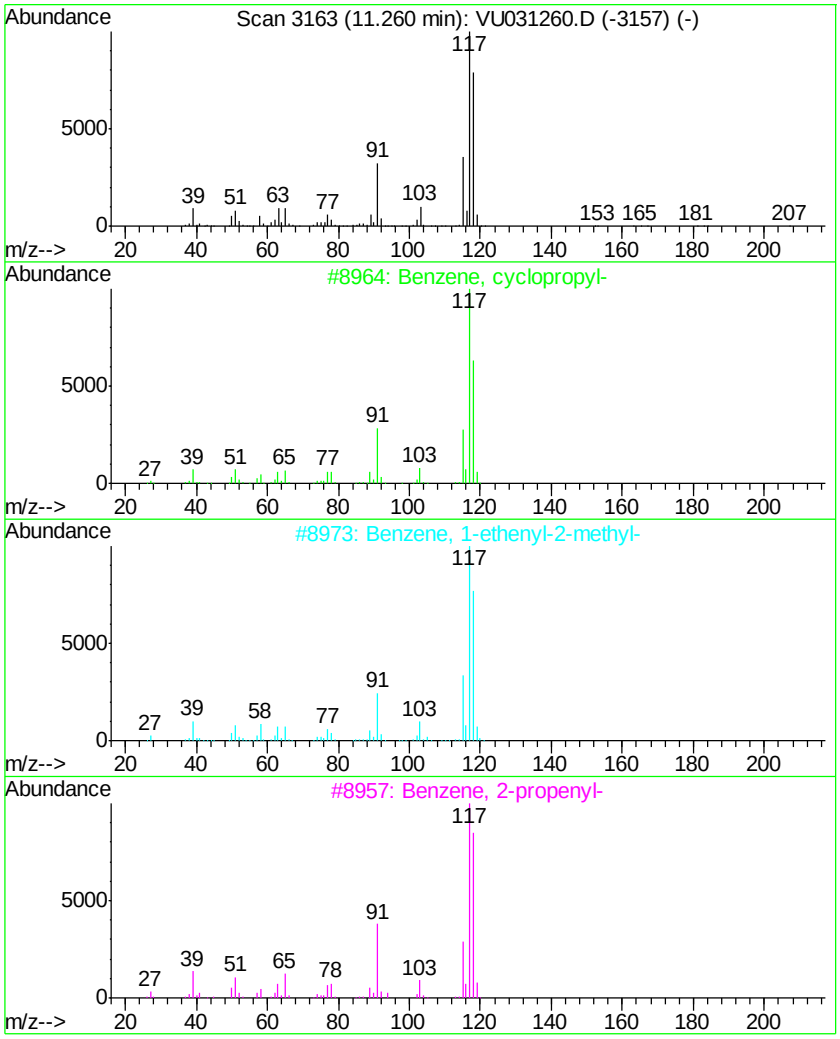
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

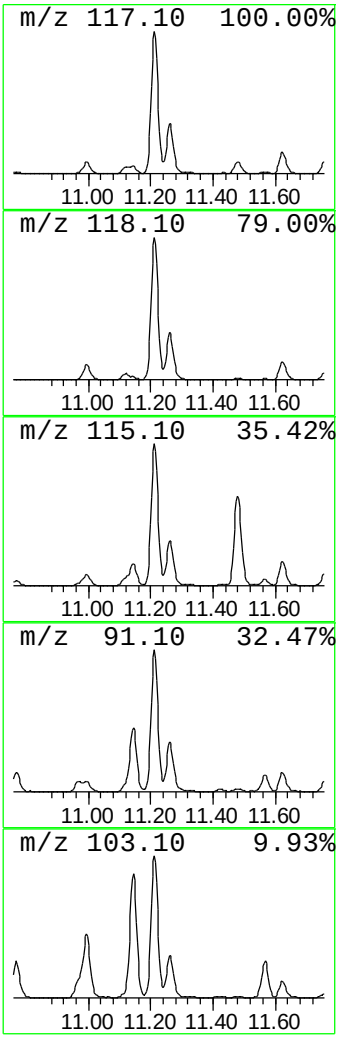
****

Peak Number 8 Benzene, cyclopropyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	24.84 ug/L	870650	1,4-Dichlorobenzene-d4	11.48

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

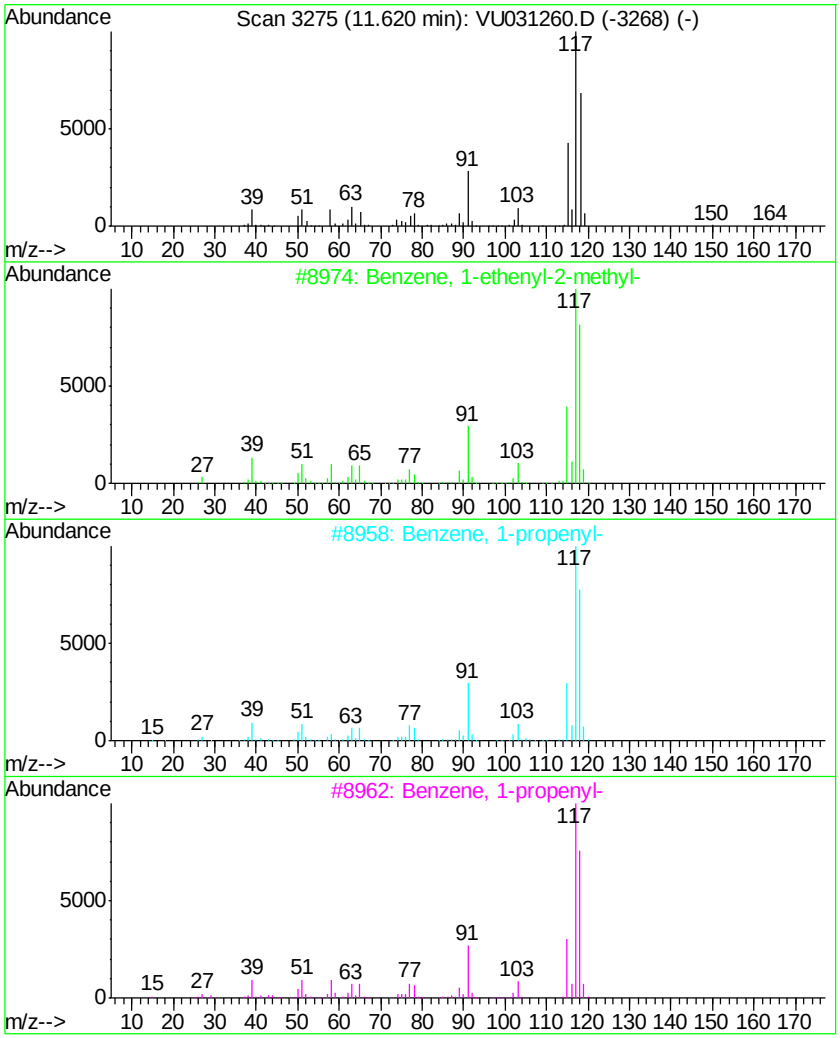
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

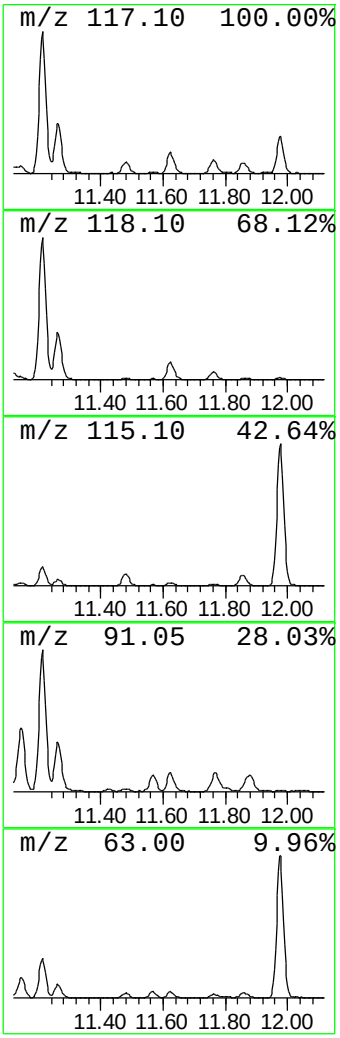
****

Peak Number 10 Benzene, 1-ethenyl-2-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	11.43 ug/L	400801	1,4-Dichlorobenzene-d4	11.48

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

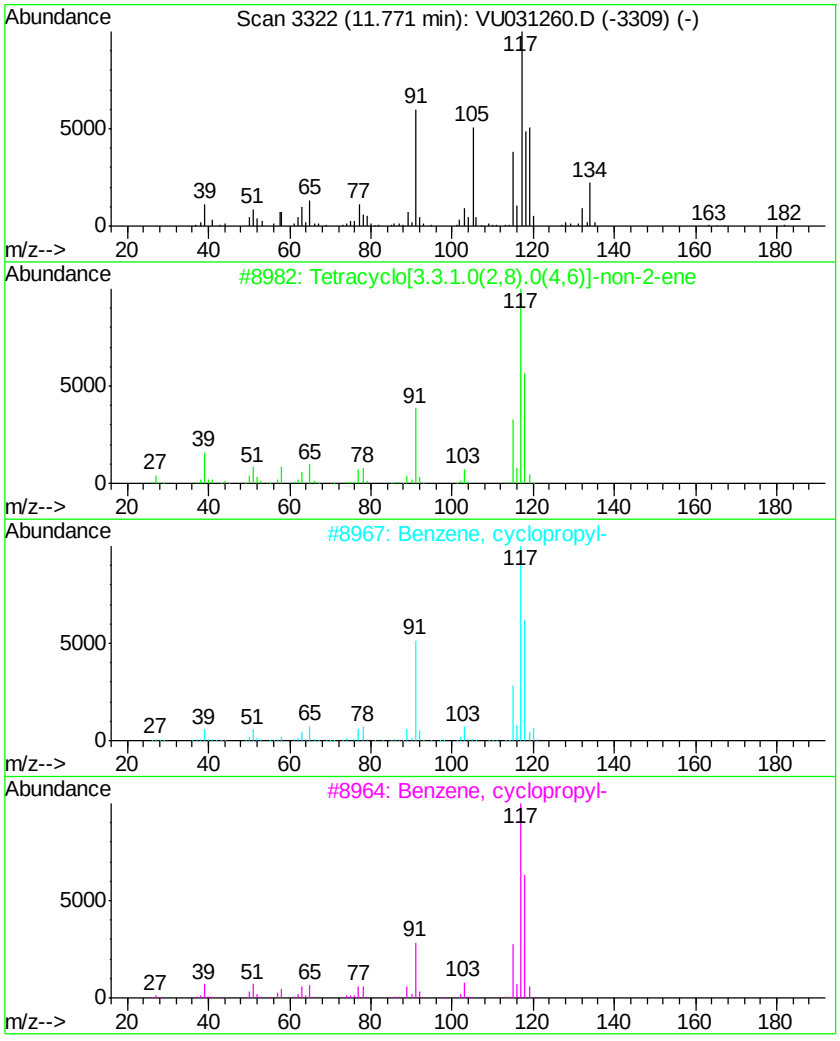
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

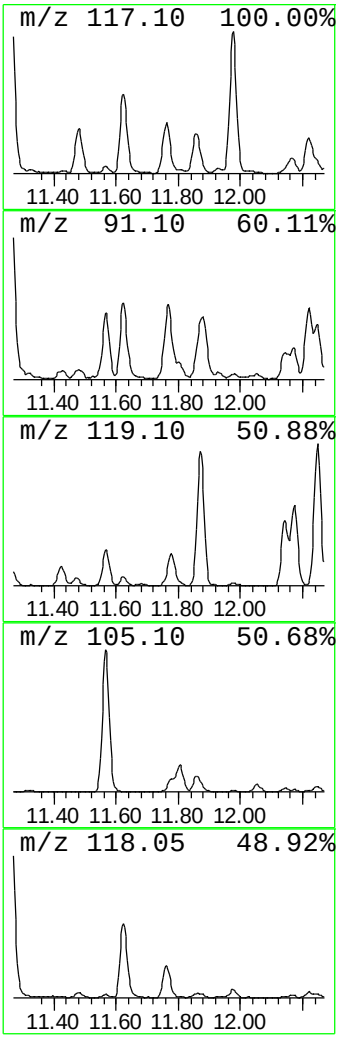
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	10.04 ug/L	351791	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	92
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	68
5	Indane	118	C9H10	000496-11-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

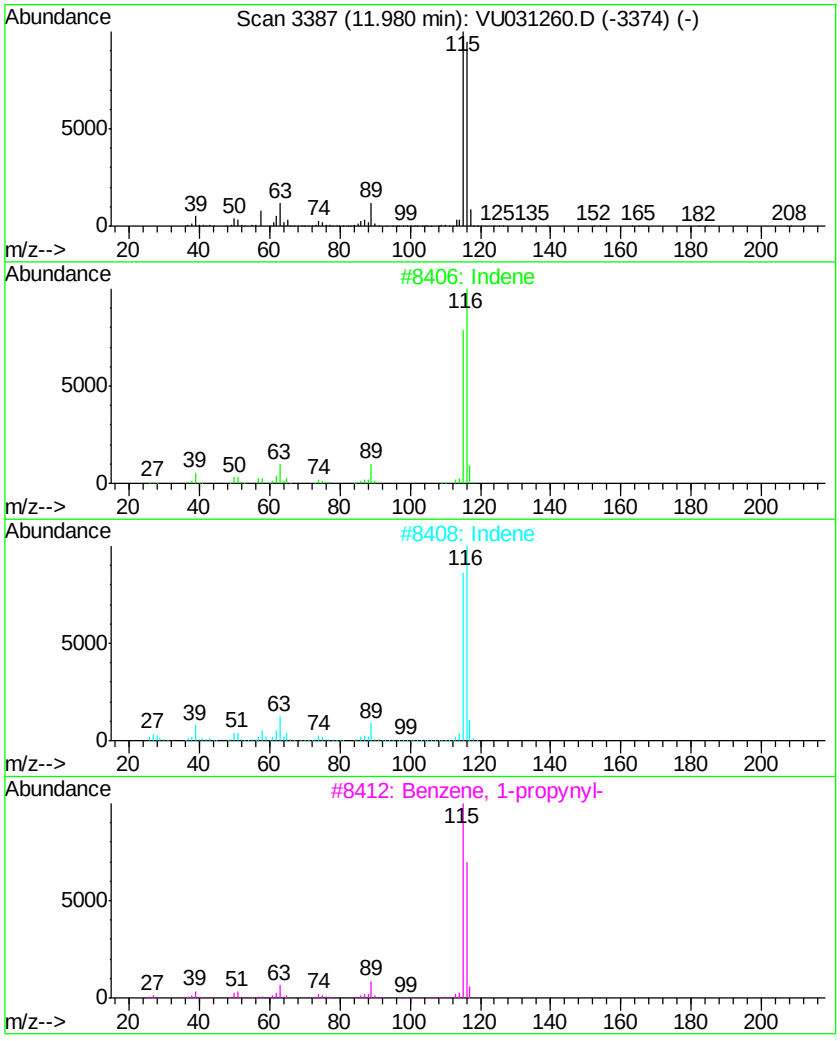
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

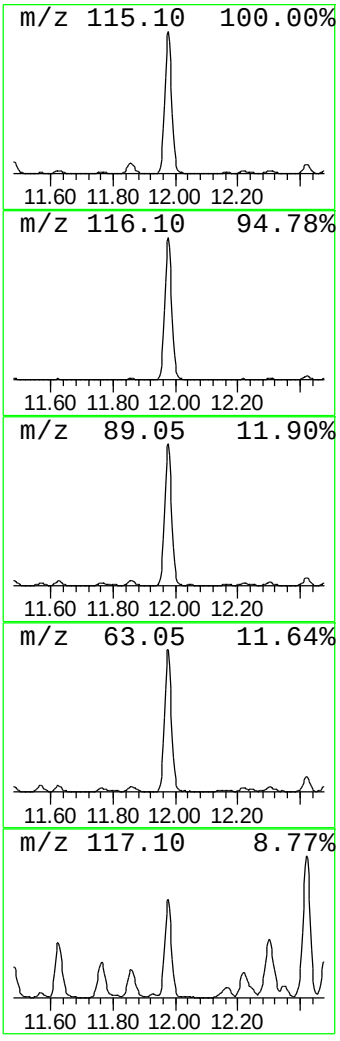
****

Peak Number 12 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	165.77 ug/L	5810940	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\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

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

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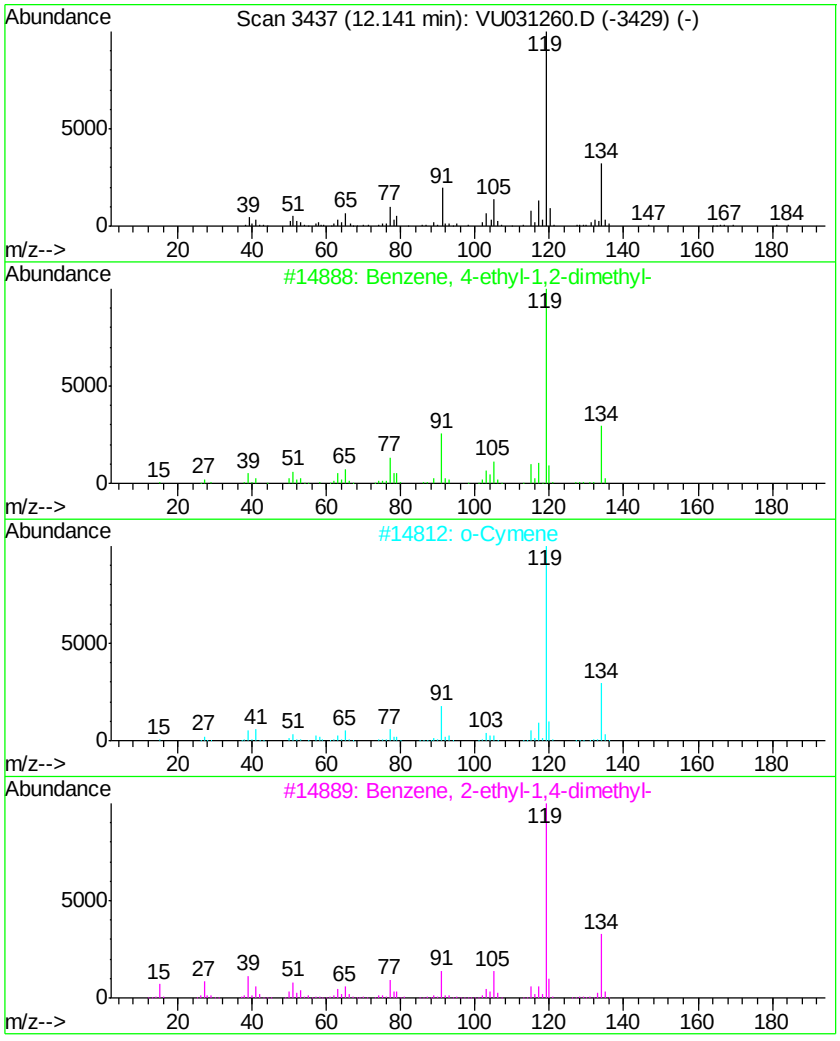
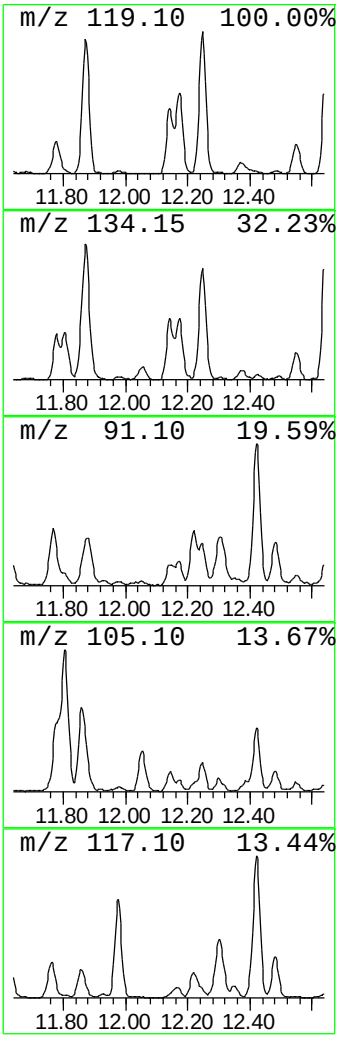
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	4.23 ug/L	148109	1,4-Dichlorobenzene-d4	11.48

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





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

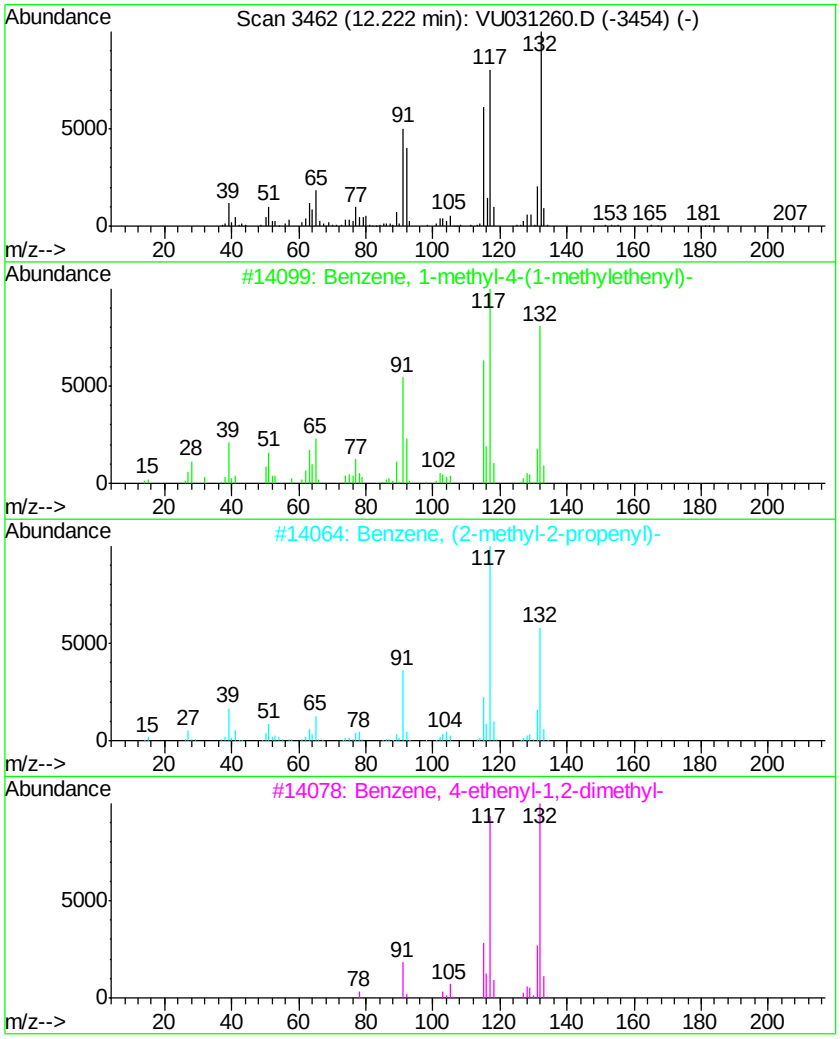
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

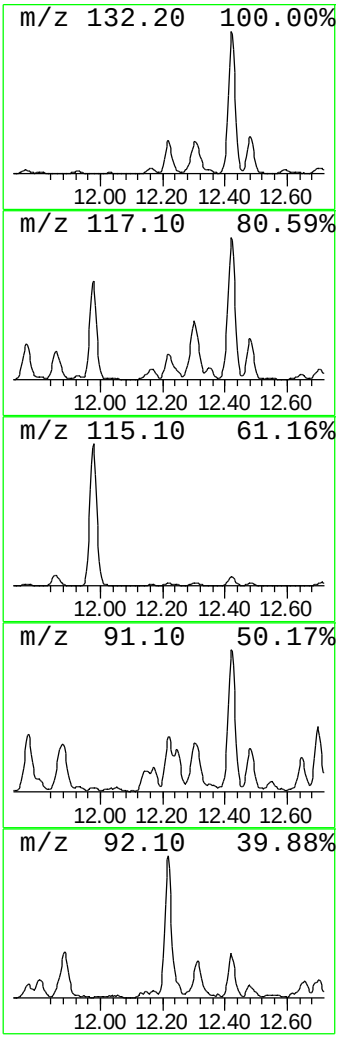
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-methyl-4-(1-meth... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	7.36 ug/L	257954	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	95
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	92
3	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	90
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	90
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

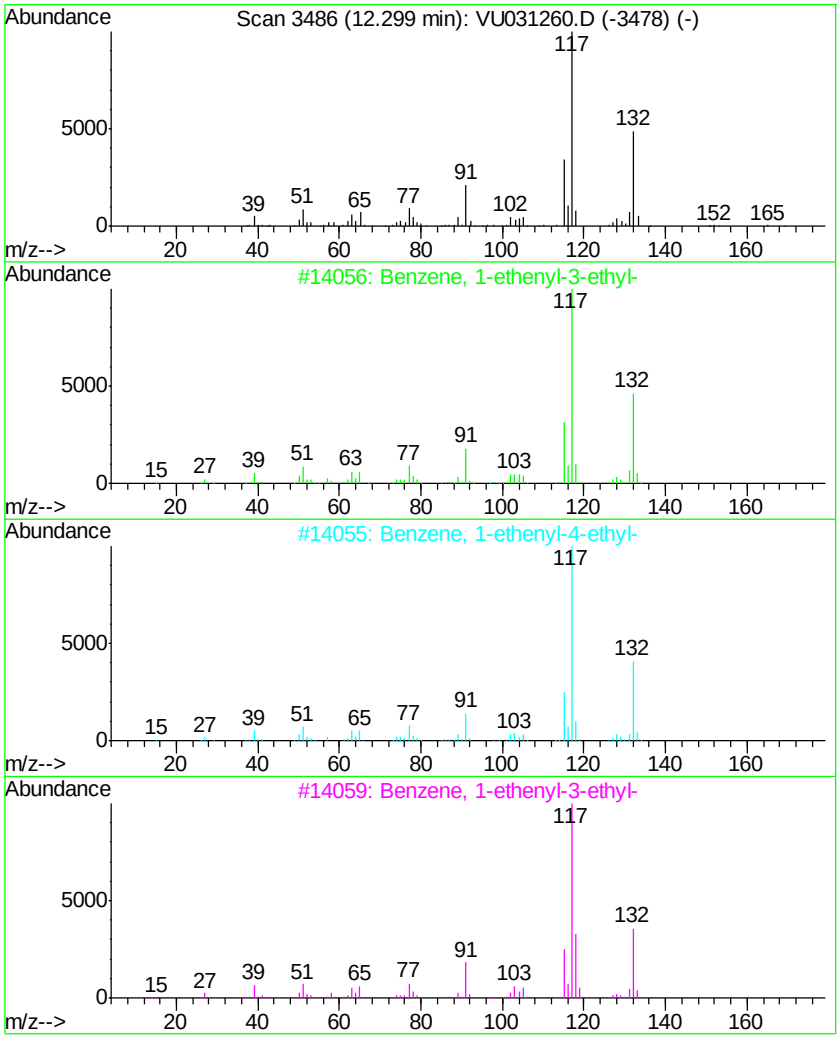
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

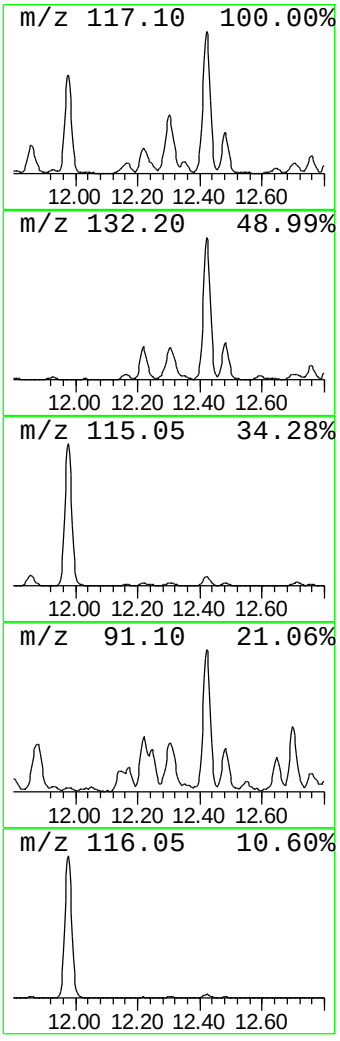
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	10.94 ug/L	383366	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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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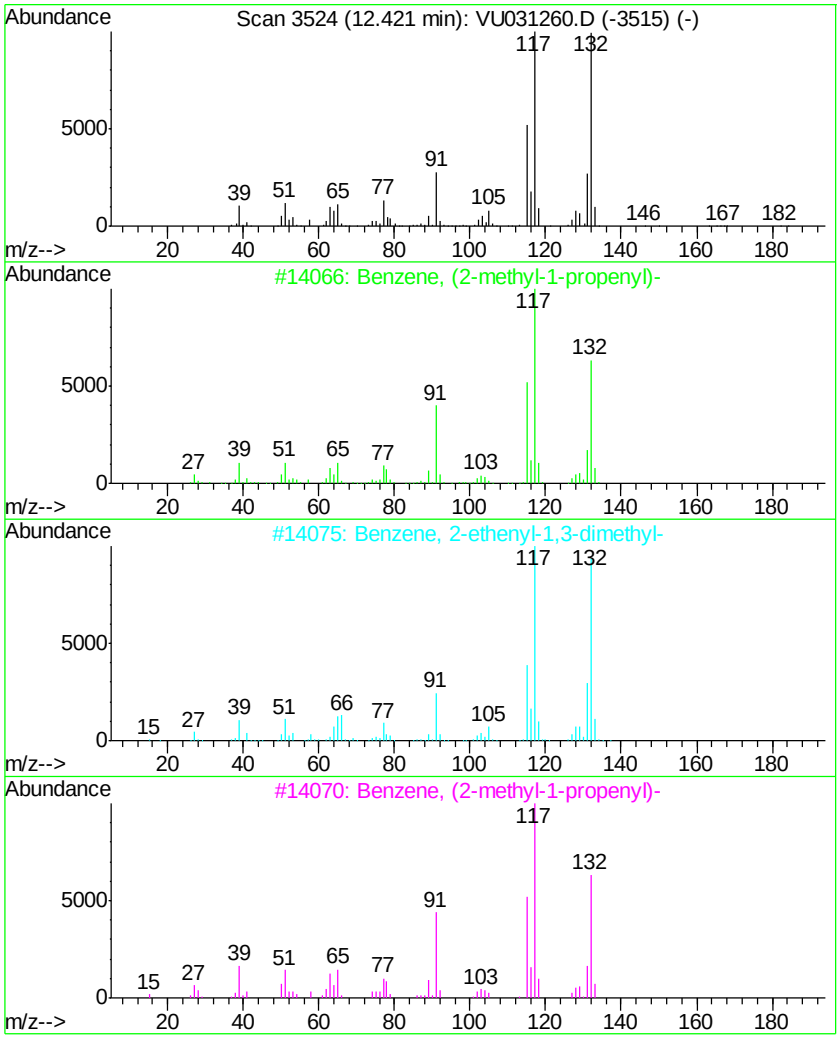
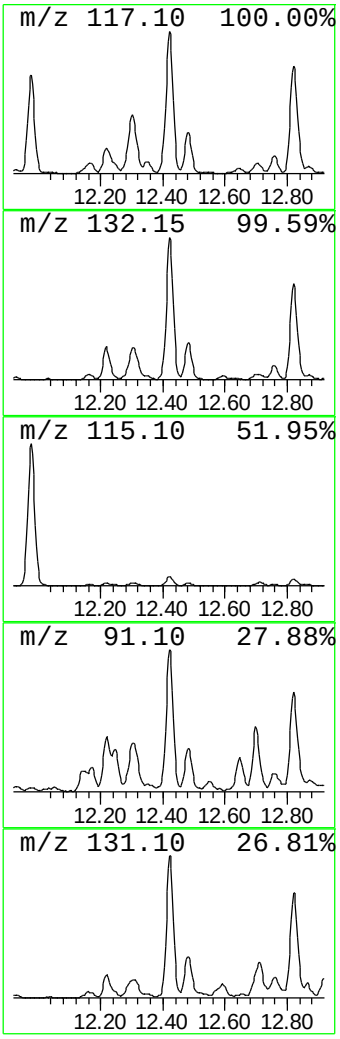
Peak Number 16 Benzene, (2-methyl-1-propen... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	35.56 ug/L	1246360	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-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
4	o-Isopropenyltoluene	132	C10H12	007399-49-7	94
5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

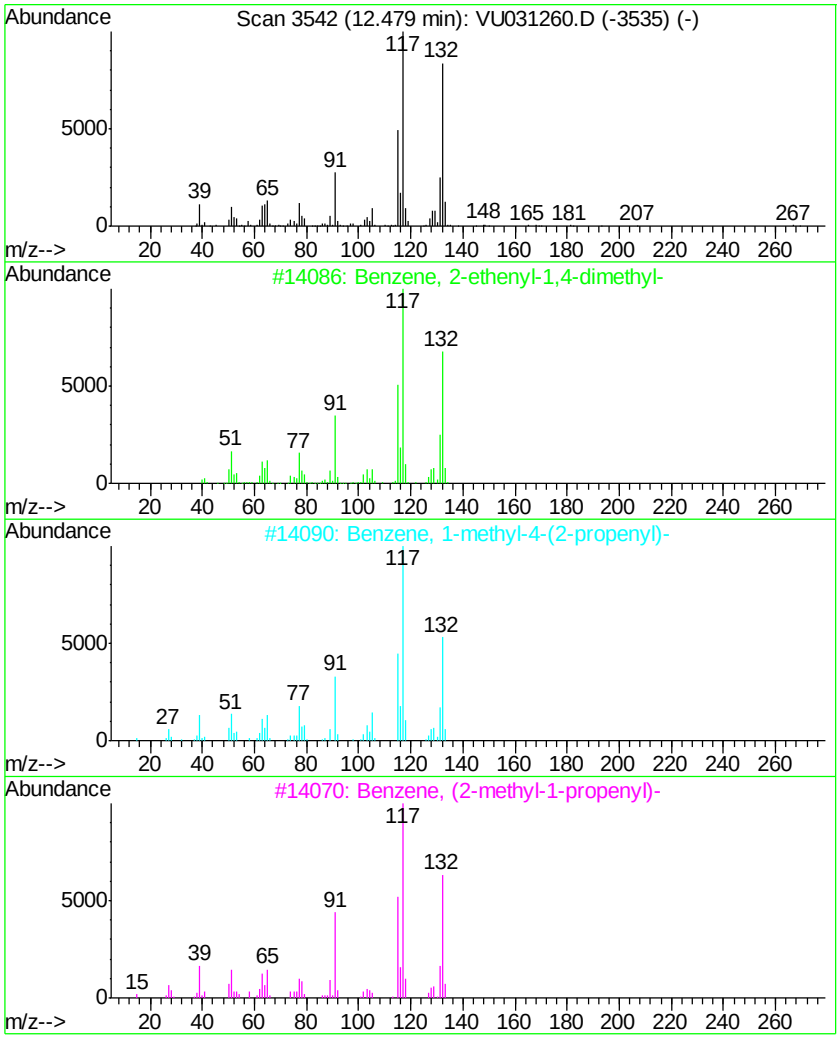
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

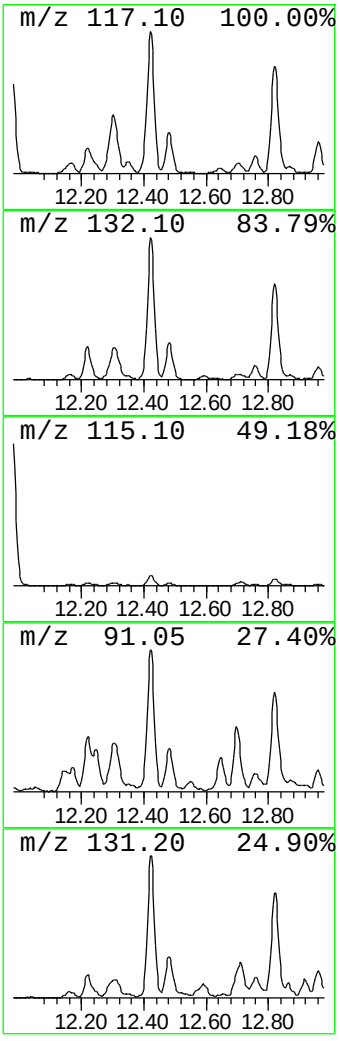
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	10.63 ug/L	372630	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	97
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	97
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	96
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

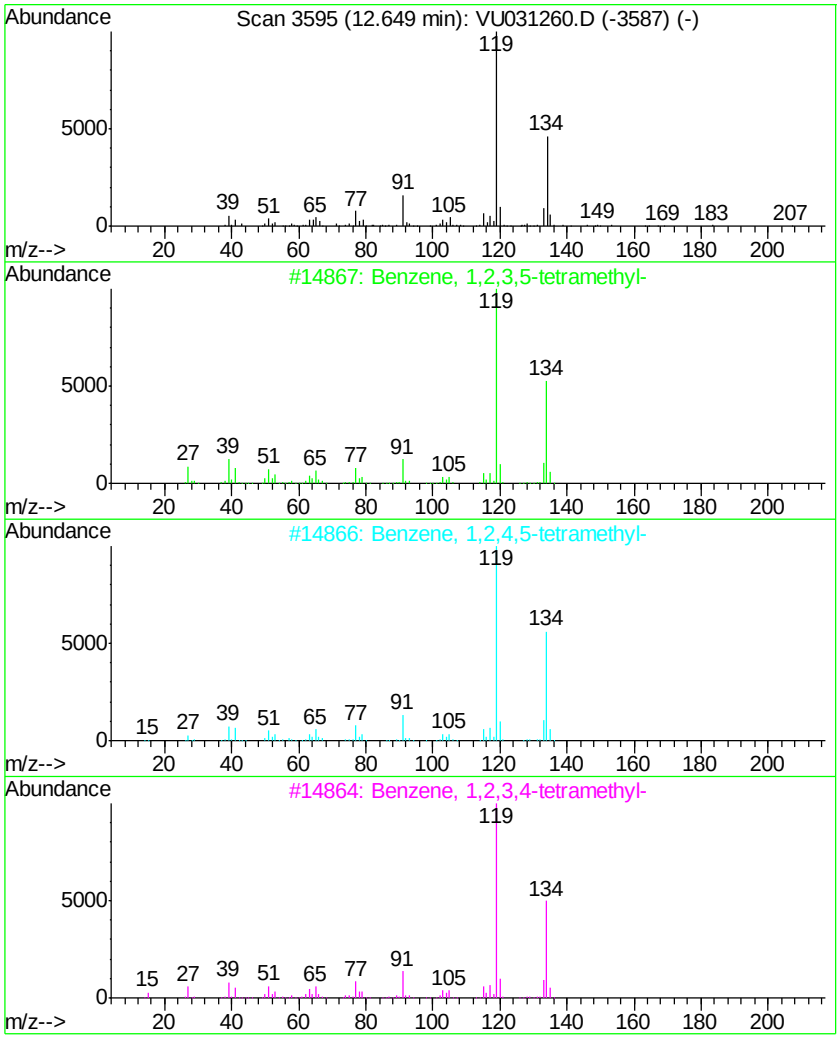
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

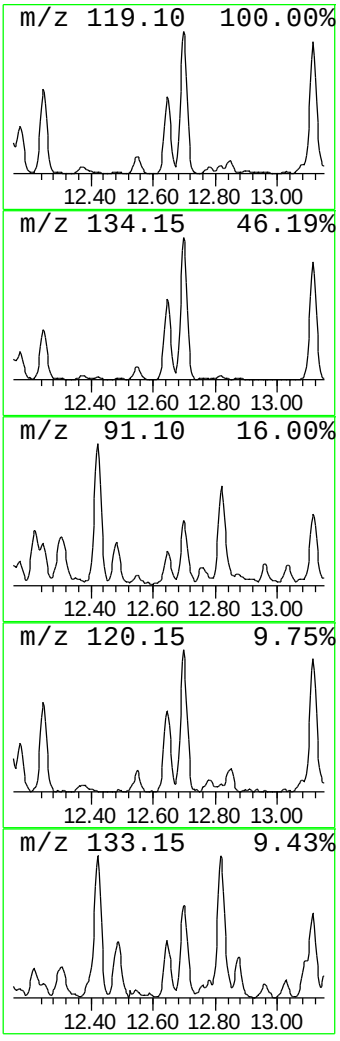
****

Peak Number 18 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	7.60 ug/L	266371	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

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

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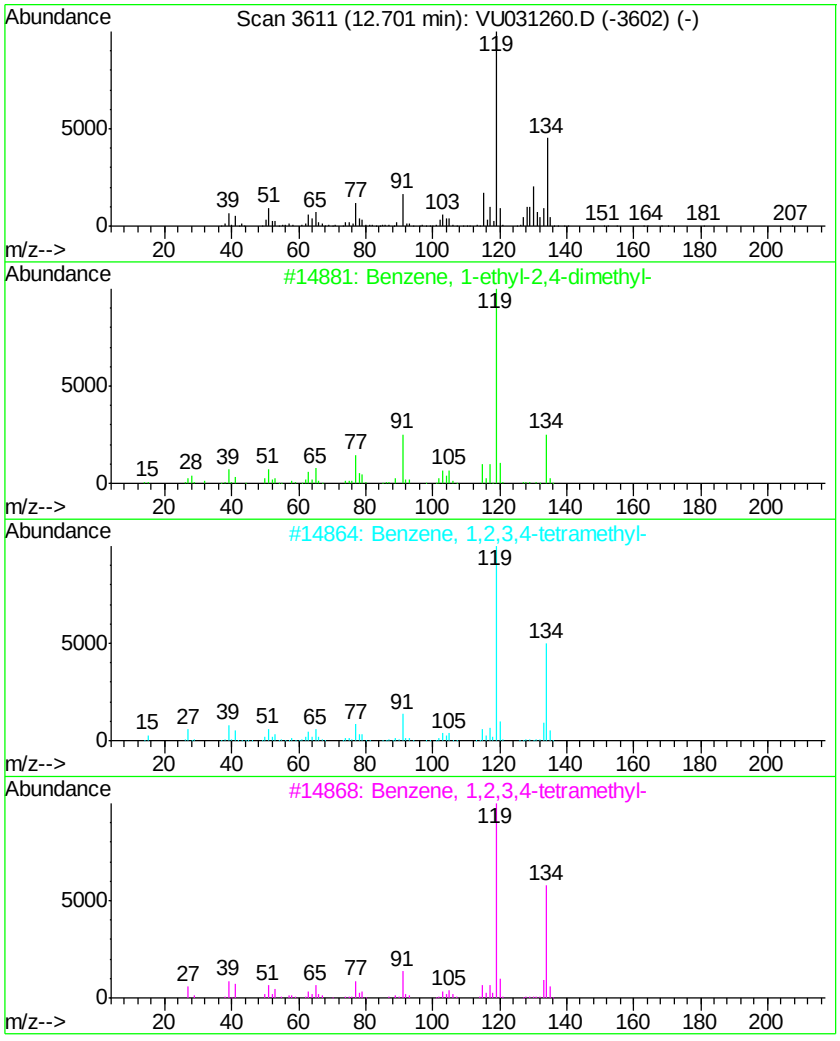
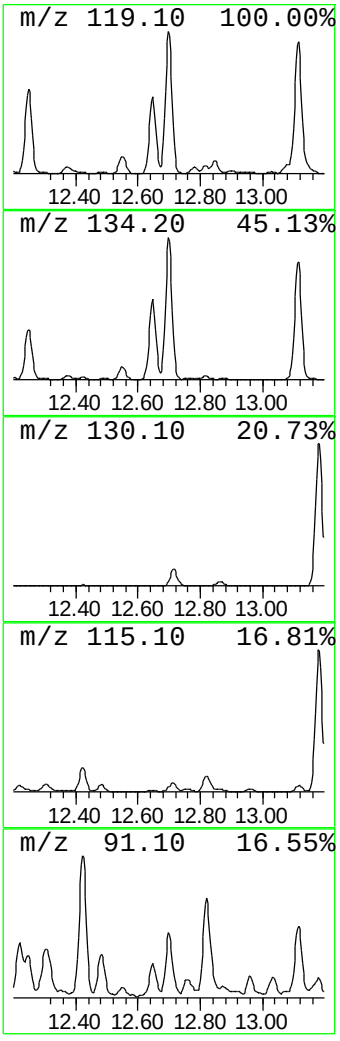
Peak Number 19 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	25.91 ug/L	908129	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	92
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76





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Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

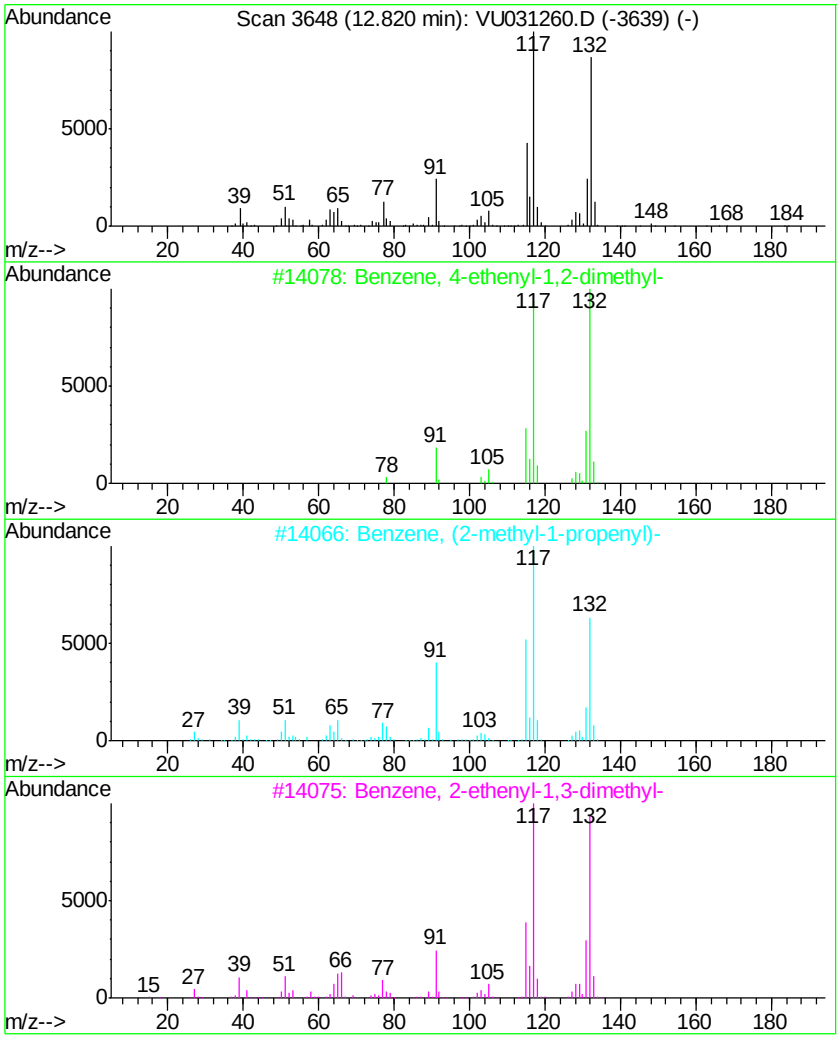
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

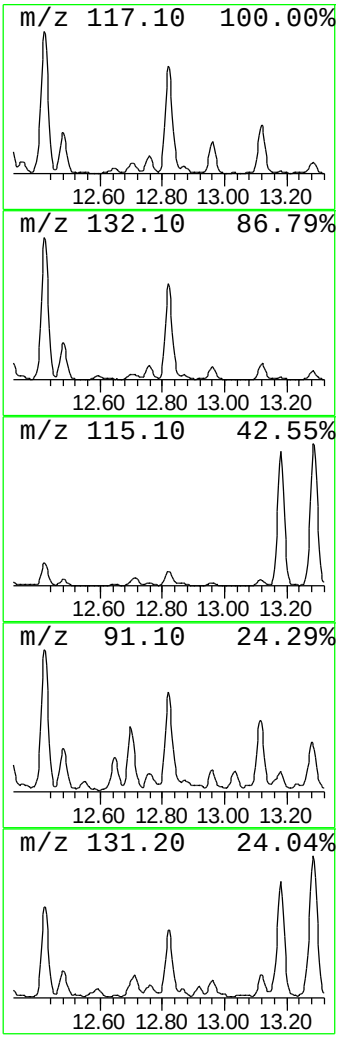
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	27.39 ug/L	960019	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	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	95
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
5	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

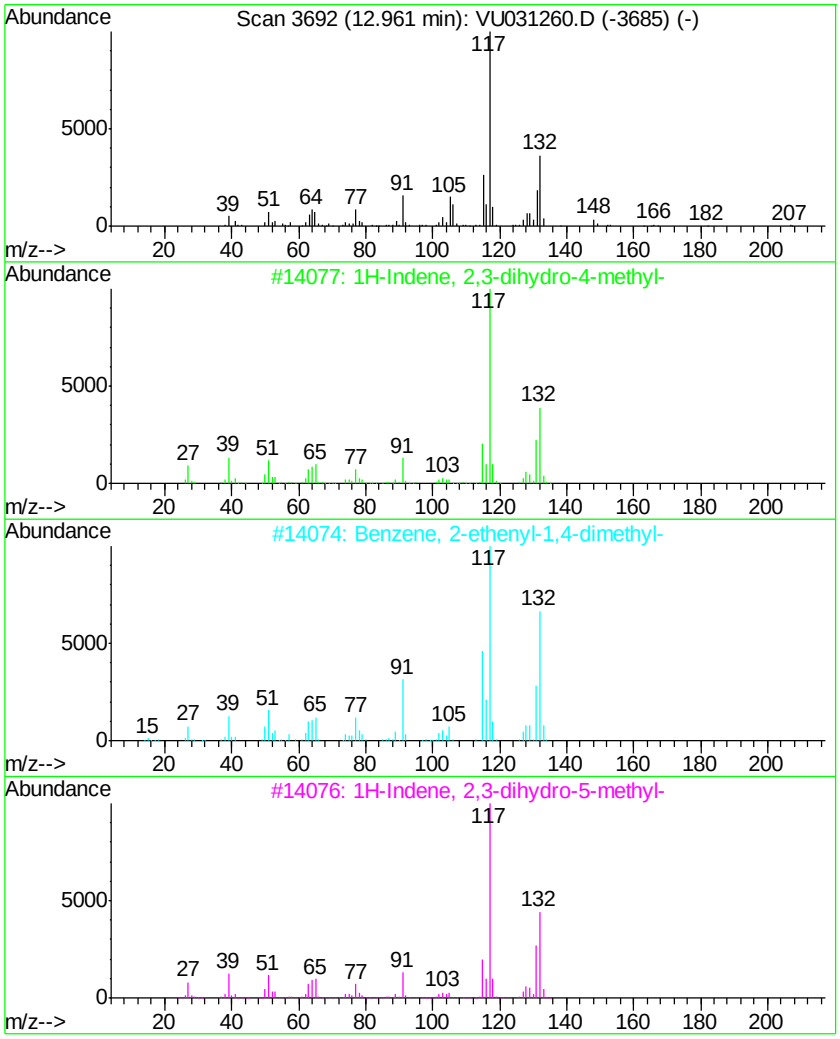
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

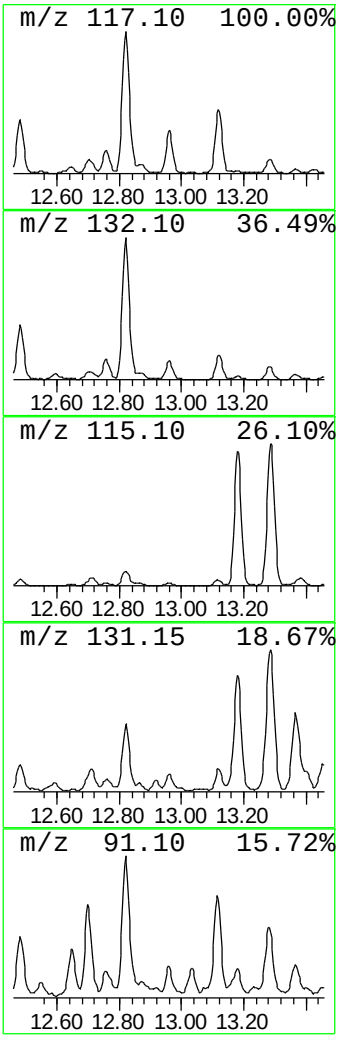
****

Peak Number 21 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	5.95 ug/L	208662	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





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Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

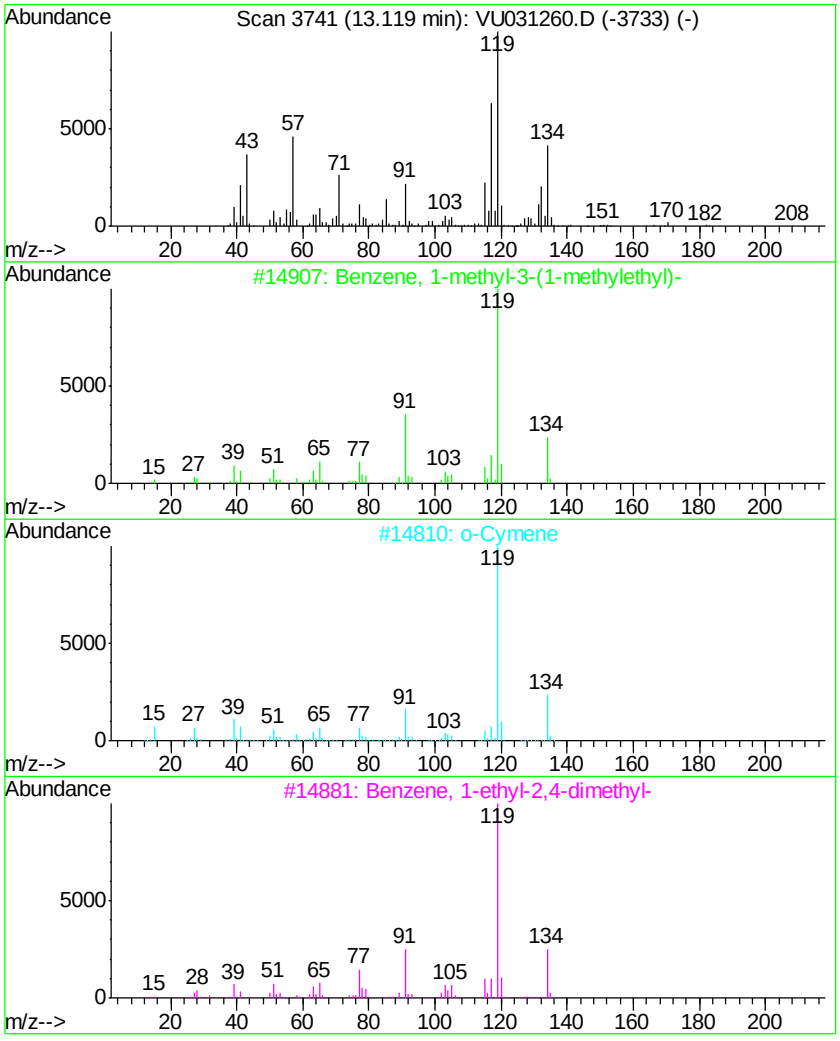
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

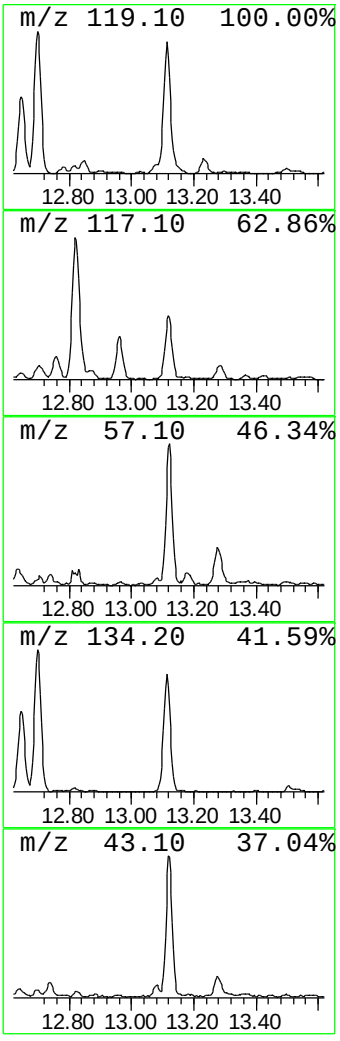
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1-methyl-3-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	26.60 ug/L	932520	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
2	o-Cymene	134	C10H14	000527-84-4	55
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
4	o-Cymene	134	C10H14	000527-84-4	55
5	p-Cymene	134	C10H14	000099-87-6	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

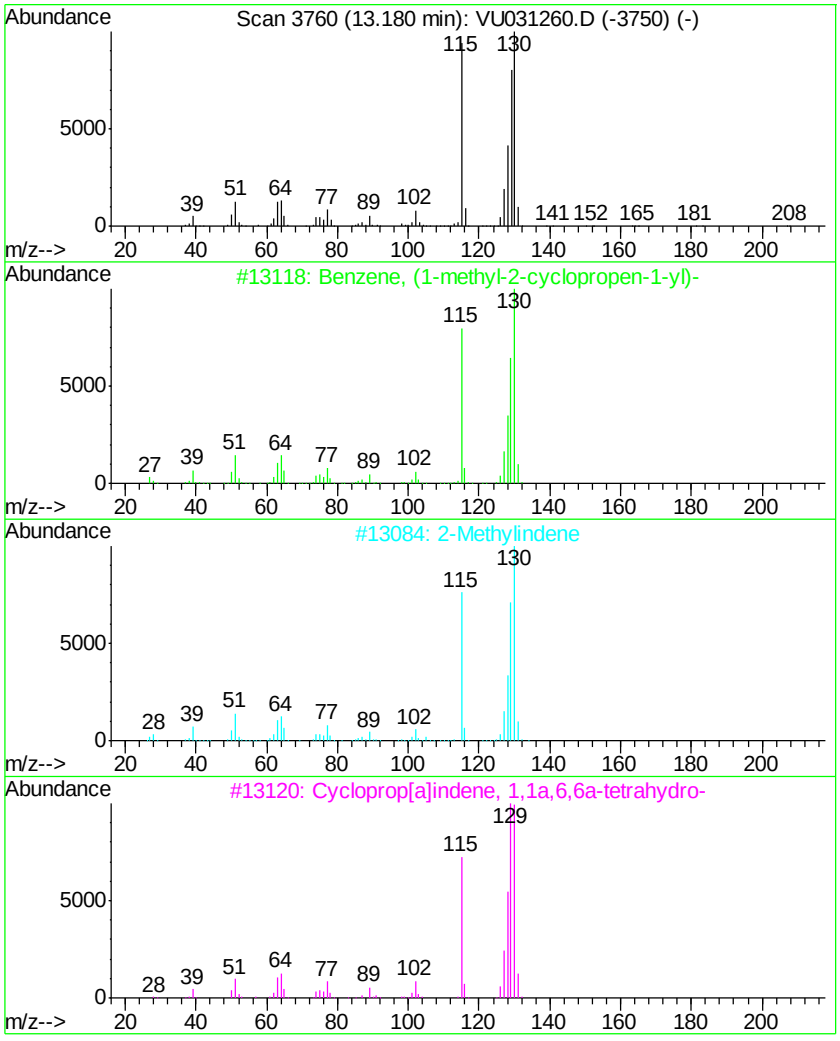
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

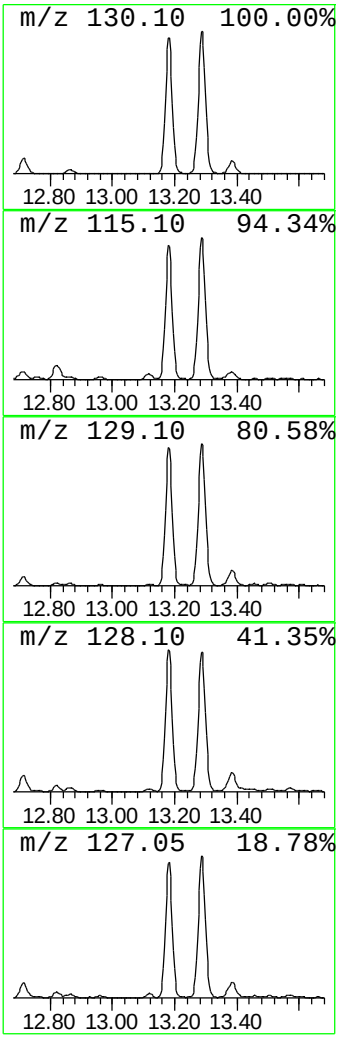
****

Peak Number 23 Benzene, (1-methyl-2-cyclop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	111.03 ug/L	3892240	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2	2-Methylindene	130	C10H10	002177-47-1	97
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

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

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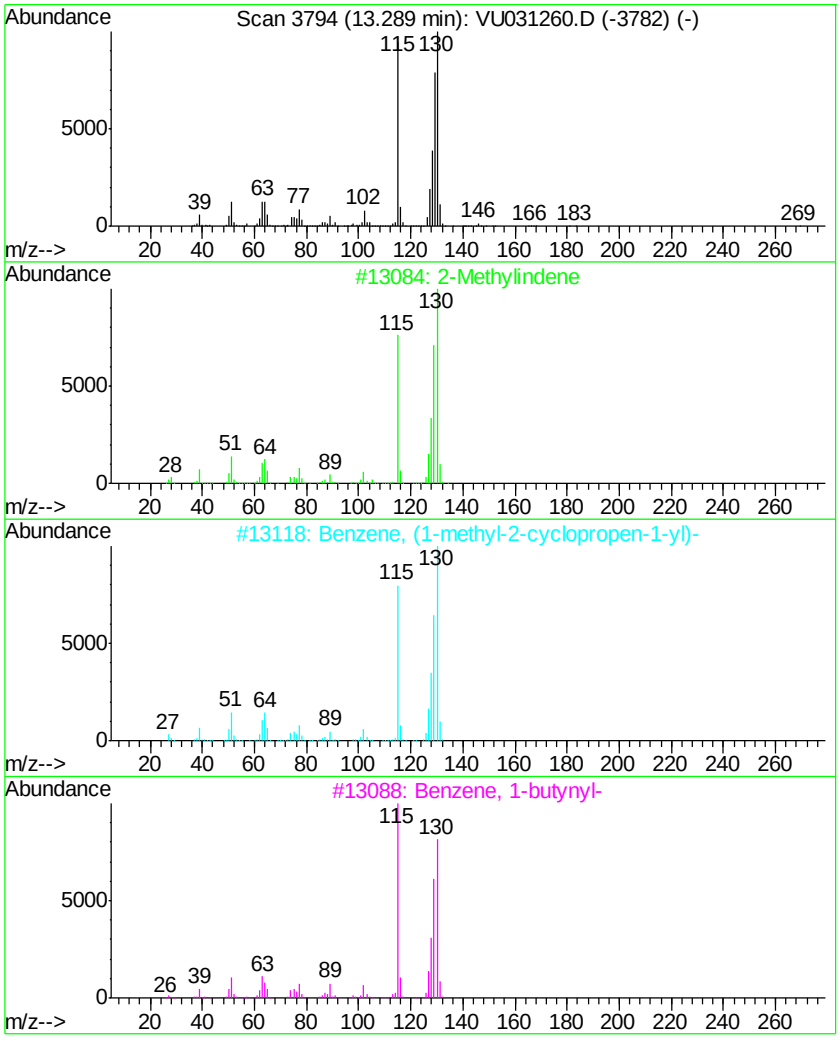
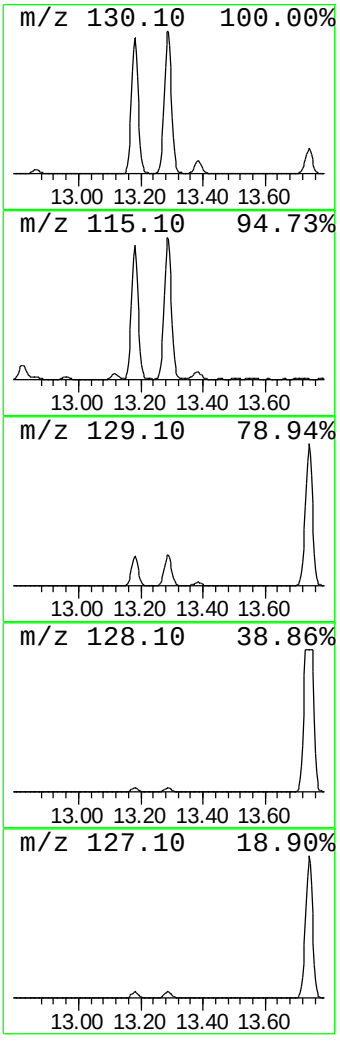
Peak Number 24 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	129.46 ug/L	4538260	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
4	Cyclopropa[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95





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Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

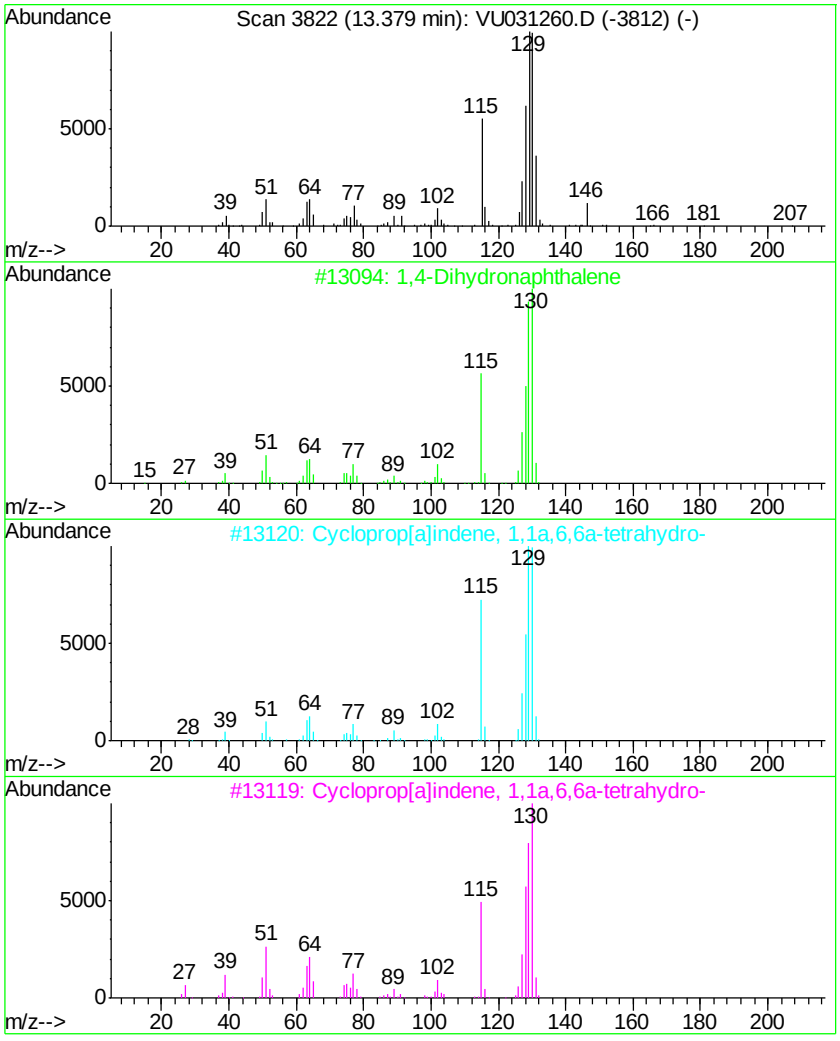
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

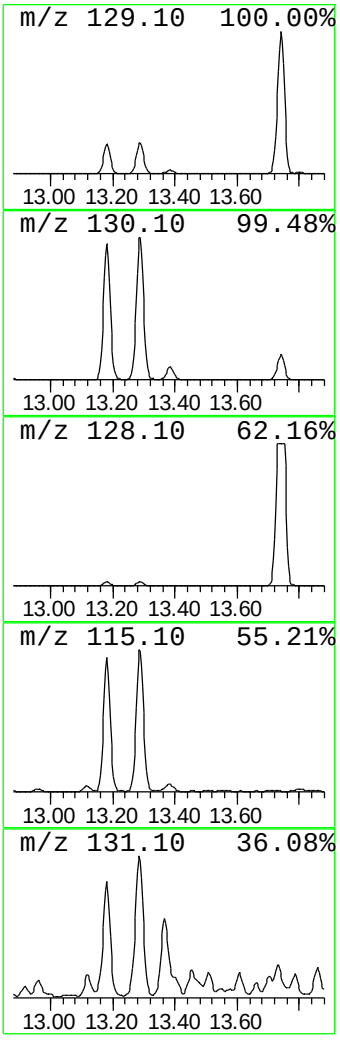
****

Peak Number 25 1,4-Dihydronaphthalene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	16.23 ug/L	568779	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	94
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93
5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

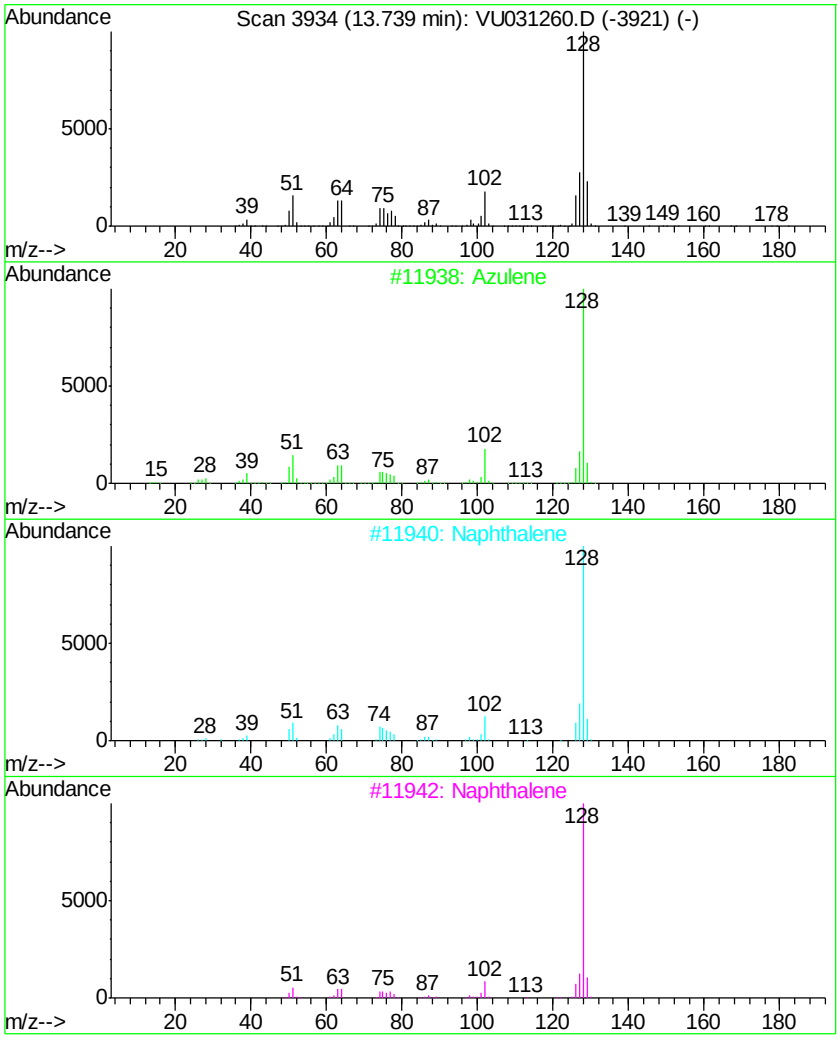
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

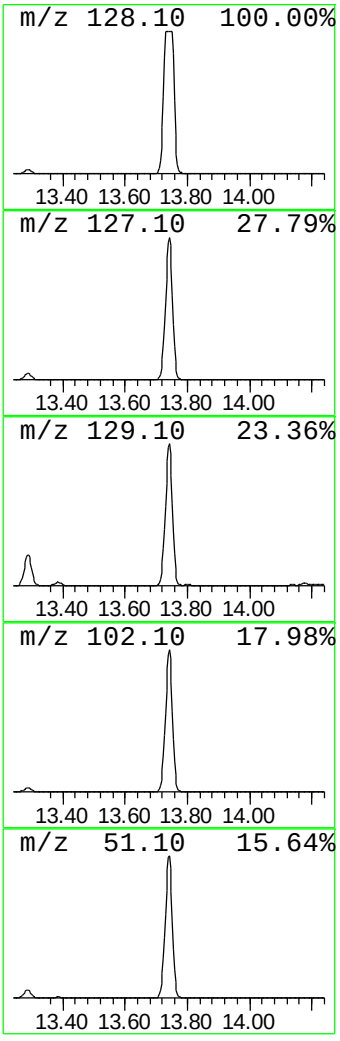
****

Peak Number 26 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	1600.54 ug/L	56106200	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	93
2	Naphthalene	128	C10H8	000091-20-3	87
3	Naphthalene	128	C10H8	000091-20-3	81
4	Naphthalene	128	C10H8	000091-20-3	81
5	Azulene	128	C10H8	000275-51-4	81





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

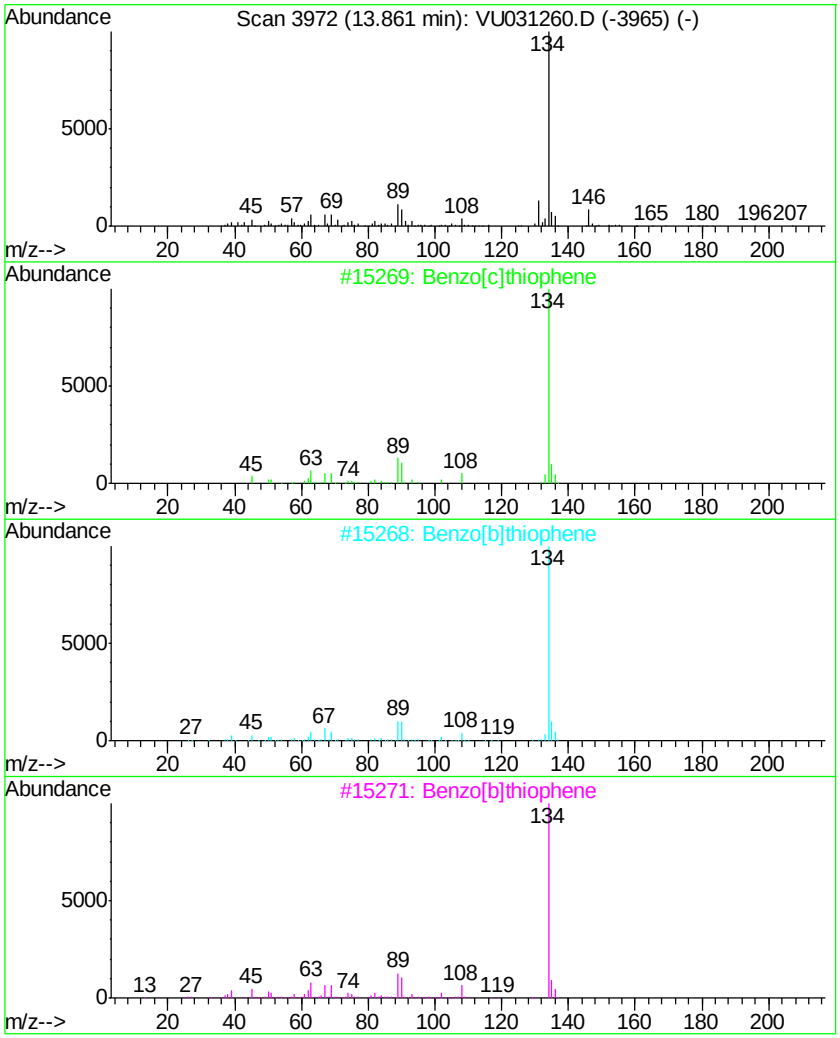
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

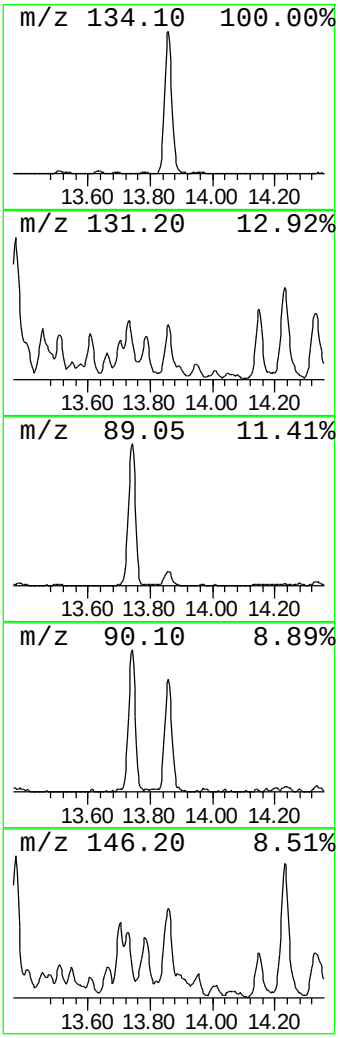
****

Peak Number 27 Benzo[c]thiophene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	14.35 ug/L	502977	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	87
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	72
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	46
5	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

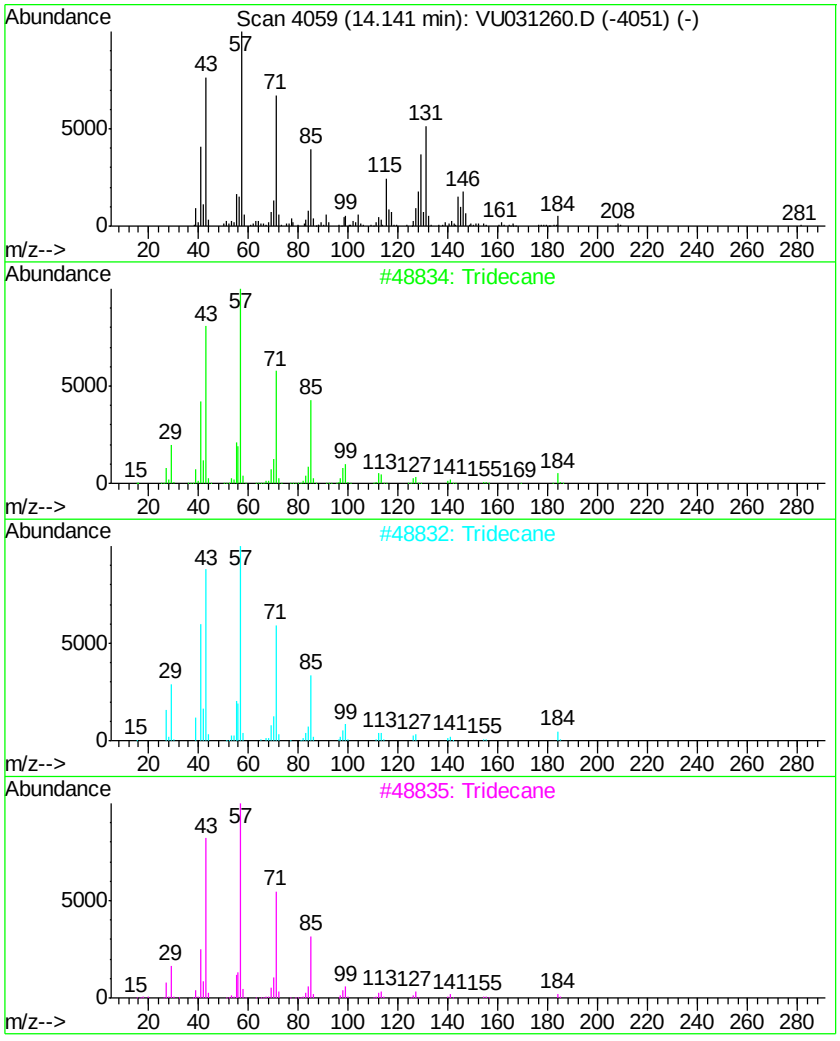
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

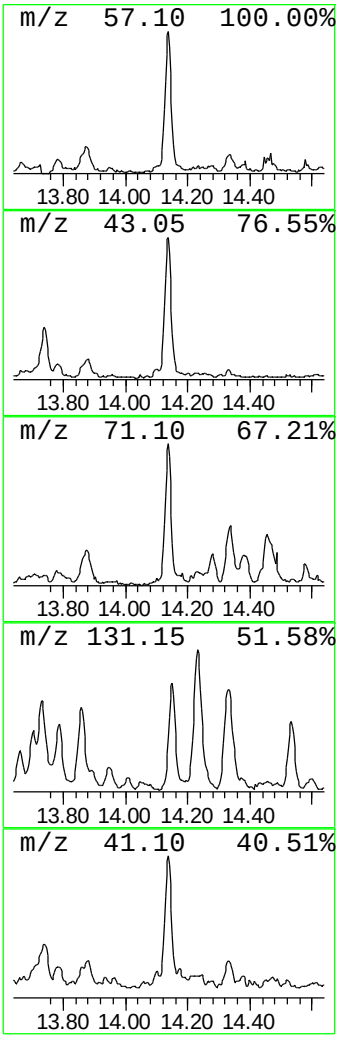
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	7.85 ug/L	275218	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	46
2	Tridecane	184	C13H28	000629-50-5	42
3	Tridecane	184	C13H28	000629-50-5	41
4	Dodecane	170	C12H26	000112-40-3	38
5	Tetradecane	198	C14H30	000629-59-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

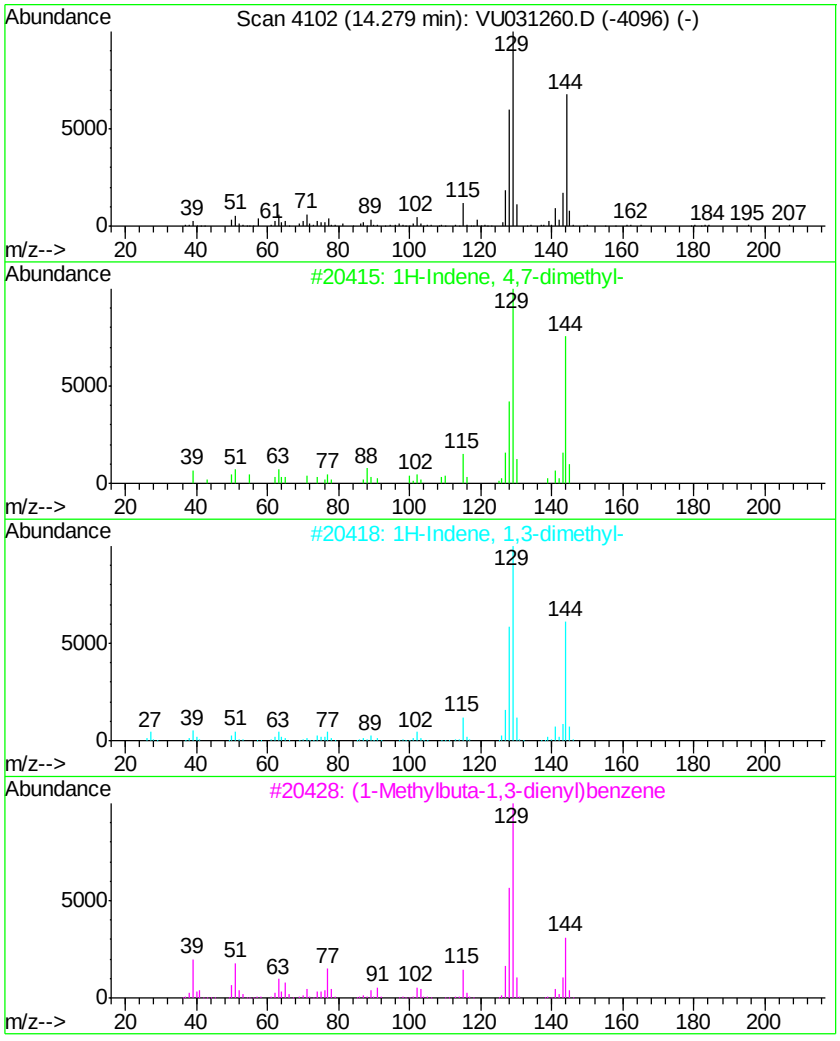
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

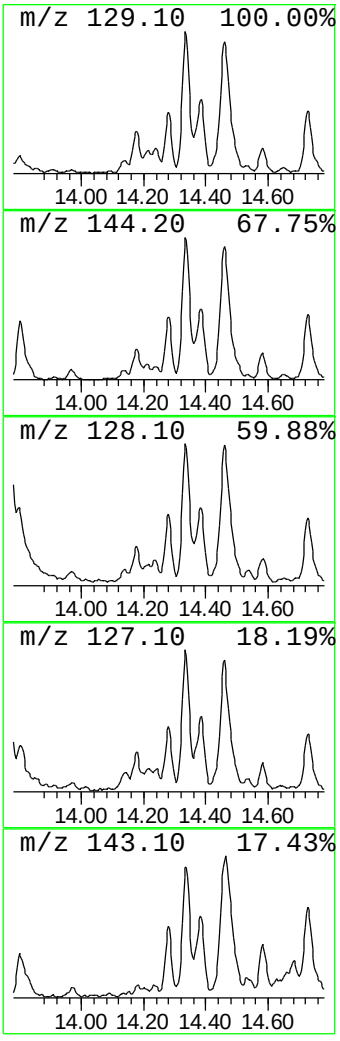
****

Peak Number 29 1H-Indene, 4,7-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	7.61 ug/L	266673	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	93
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	91
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

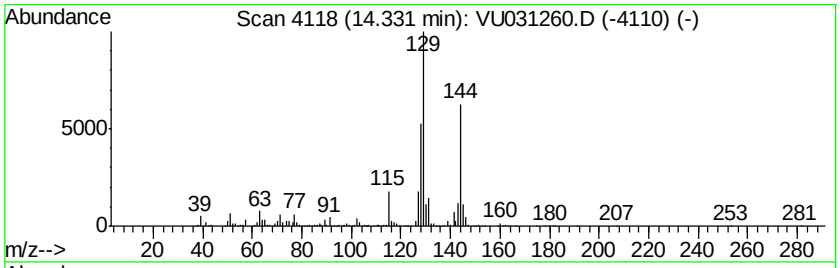
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

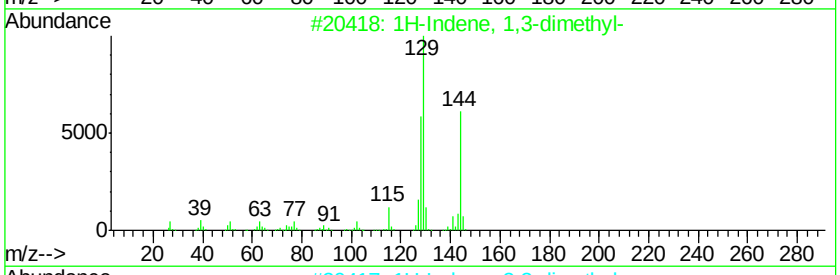
****

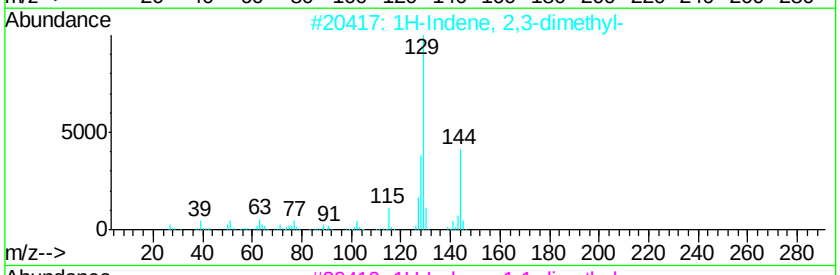
Peak Number 30 1H-Indene, 1,3-dimethyl- Concentration Rank 24

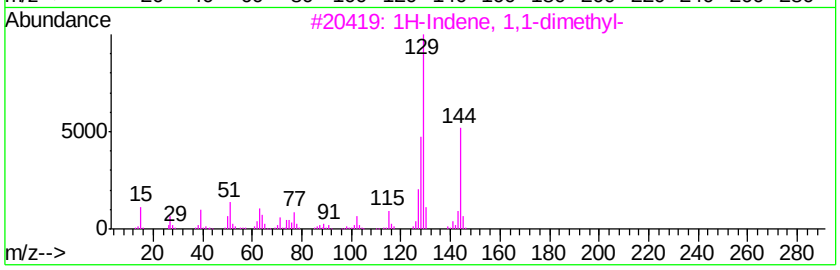
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	24.14 ug/L	846155	1,4-Dichlorobenzene-d4	11.48

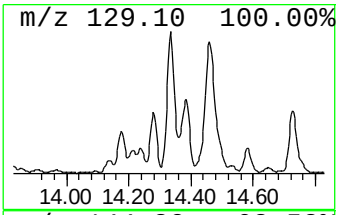
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	94
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
4	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	90
5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	90

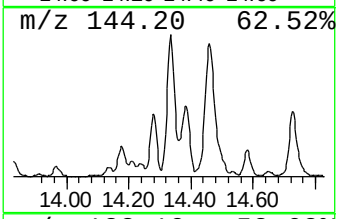


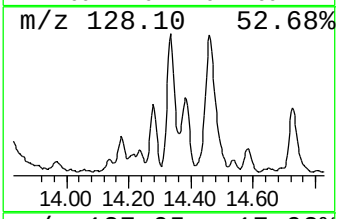


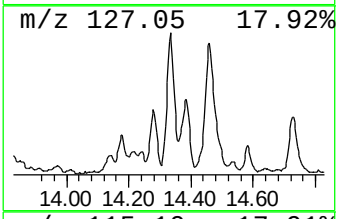


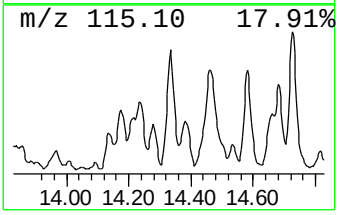












Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

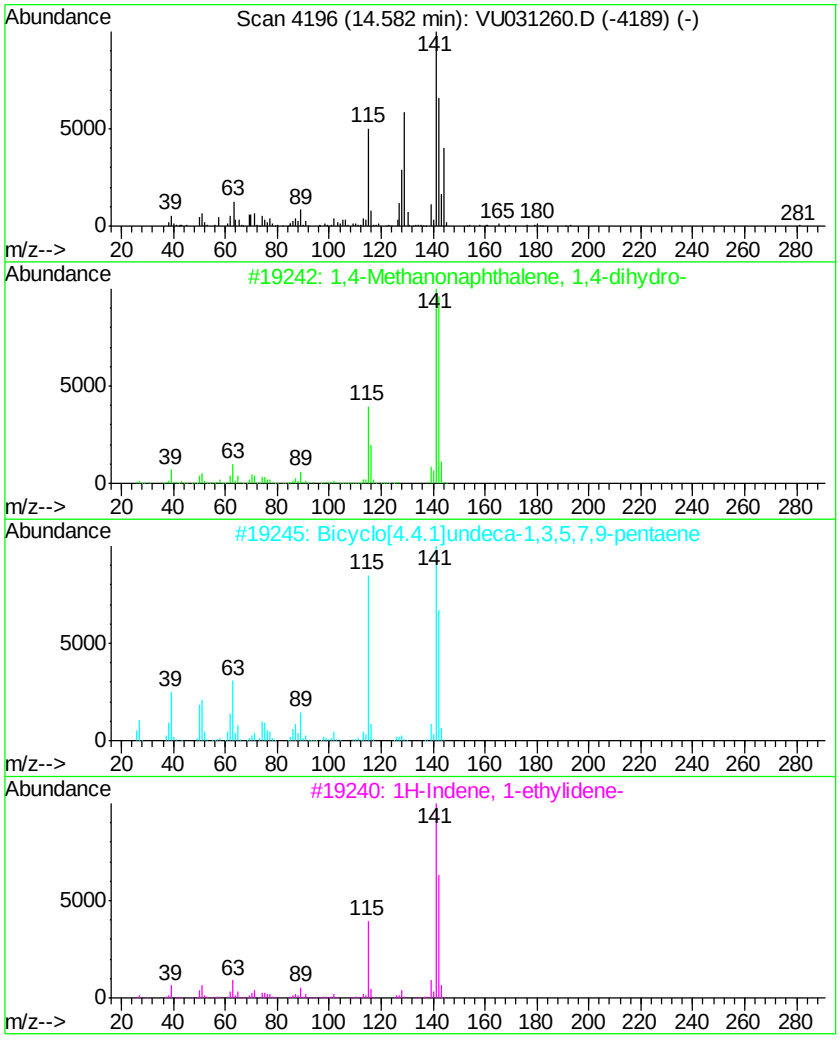
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

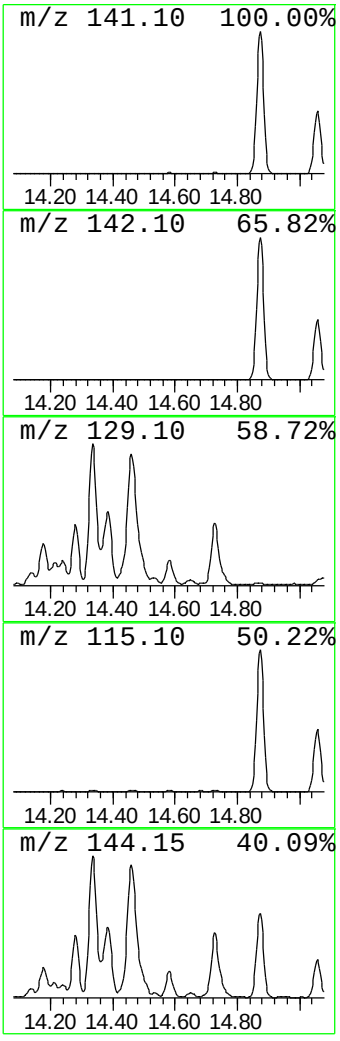
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 1,4-Methanonaphthalene, 1,4... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	7.95 ug/L	278830	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	60
2	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	60
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	60
4	Benzocycloheptatriene	142	C11H10	000264-09-5	60
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

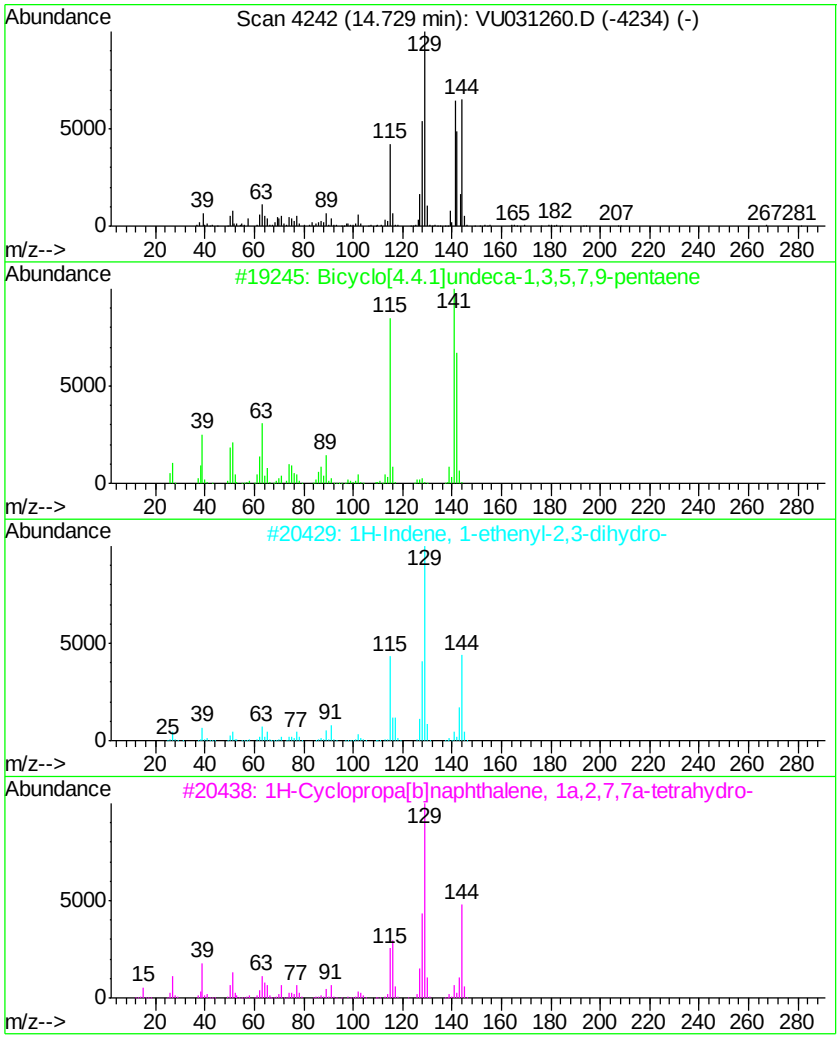
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

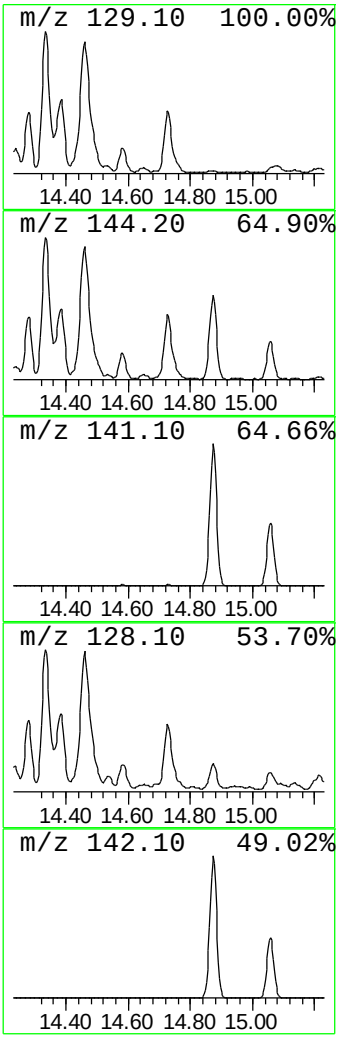
****

Peak Number 33 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	16.32 ug/L	572227	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	81
2	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	76
3	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	64
4	Benzene,2-cyclopenten-1-yl-	144	C11H12	037689-22-8	64
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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

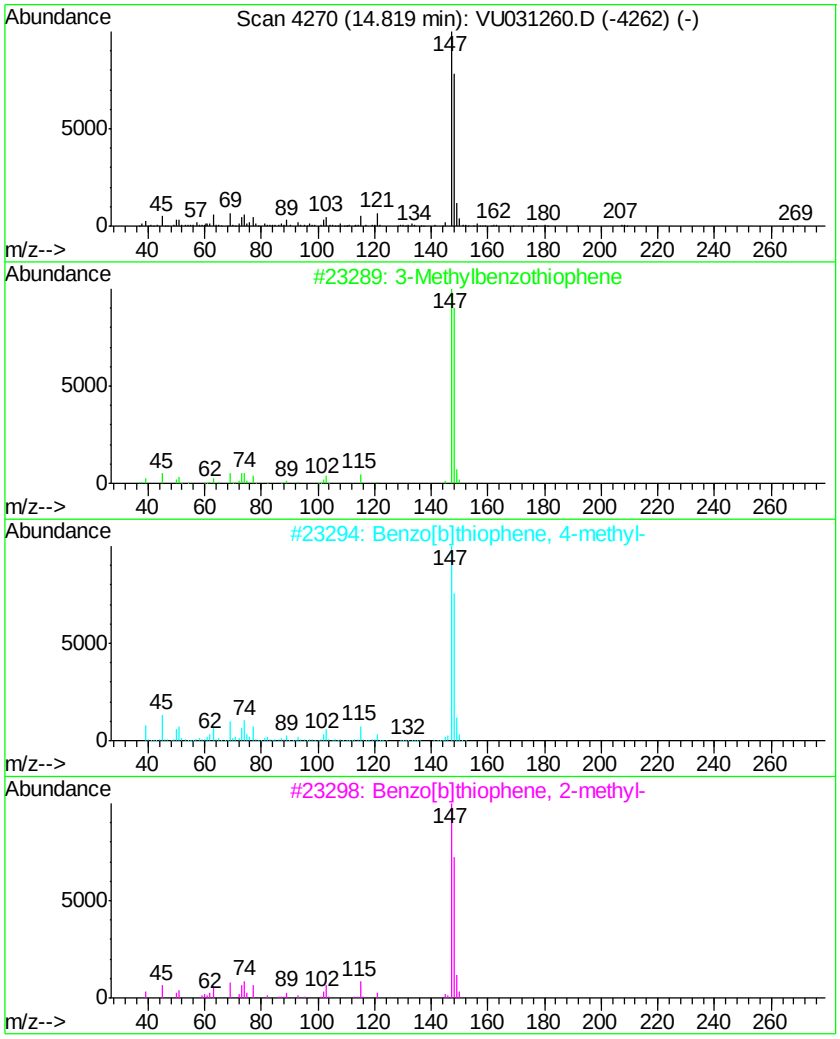
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

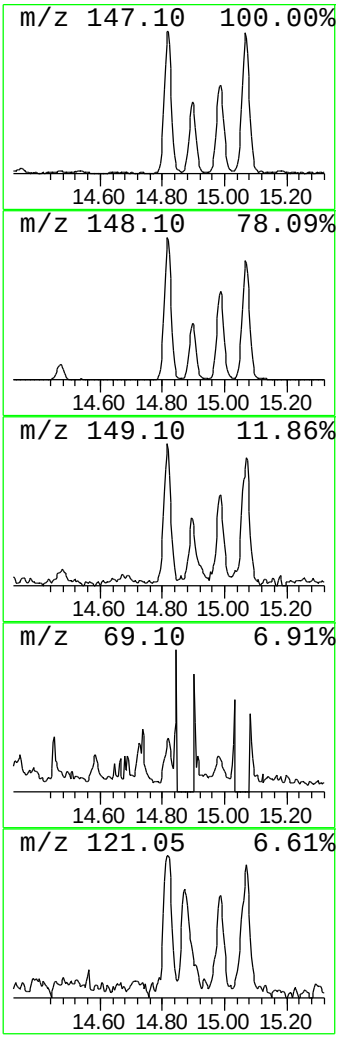
****

Peak Number 34 3-Methylbenzothiophene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	6.19 ug/L	216961	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	94
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041719\
Data File : VU031260.D
Acq On : 17 Apr 2019 15:24
Operator : JC/SP
Sample : K2402-10DL 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHJ0DL

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-	10.58	3.5	ug/L	122389	3	11.48	1752730	50.0
Benzene, 1-ethyl-...	10.68	59.2	ug/L	2076730	3	11.48	1752730	50.0
Benzene, 1,2,3-tr...	10.77	21.8	ug/L	765011	3	11.48	1752730	50.0
Benzene, 1-ethyl-...	10.97	9.3	ug/L	325827	3	11.48	1752730	50.0
Benzene, 1-etheny...	11.21	75.6	ug/L	2649840	3	11.48	1752730	50.0
Benzene, cyclopro...	11.26	24.8	ug/L	870650	3	11.48	1752730	50.0
Benzene, 1-etheny...	11.62	11.4	ug/L	400801	3	11.48	1752730	50.0
Tetracyclo[3.3.1....	11.77	10.0	ug/L	351791	3	11.48	1752730	50.0
Indene	11.98	165.8	ug/L	5810940	3	11.48	1752730	50.0
Benzene, 4-ethyl-...	12.14	4.2	ug/L	148109	3	11.48	1752730	50.0
Benzene, 1-methyl...	12.22	7.4	ug/L	257954	3	11.48	1752730	50.0
Benzene, 1-etheny...	12.30	10.9	ug/L	383366	3	11.48	1752730	50.0
Benzene, (2-methy...	12.42	35.6	ug/L	1246360	3	11.48	1752730	50.0
Benzene, 2-etheny...	12.48	10.6	ug/L	372630	3	11.48	1752730	50.0
Benzene, 1,2,3,5-...	12.65	7.6	ug/L	266371	3	11.48	1752730	50.0
Benzene, 1-ethyl-...	12.70	25.9	ug/L	908129	3	11.48	1752730	50.0
Benzene, 4-etheny...	12.82	27.4	ug/L	960019	3	11.48	1752730	50.0
1H-Indene, 2,3-di...	12.96	6.0	ug/L	208662	3	11.48	1752730	50.0
Benzene, 1-methyl...	13.12	26.6	ug/L	932520	3	11.48	1752730	50.0
Benzene, (1-methy...	13.18	111.0	ug/L	3892240	3	11.48	1752730	50.0
2-Methylindene	13.29	129.5	ug/L	4538260	3	11.48	1752730	50.0
1,4-Dihydronaphth...	13.38	16.2	ug/L	568779	3	11.48	1752730	50.0
Azulene	13.74	1600.5	ug/L	56106200	3	11.48	1752730	50.0
Benzo[c]thiophene	13.86	14.4	ug/L	502977	3	11.48	1752730	50.0
(DEL) Alkane: Str...	14.14	7.8	ug/L	275218	3	11.48	1752730	50.0
1H-Indene, 4,7-di...	14.28	7.6	ug/L	266673	3	11.48	1752730	50.0
1H-Indene, 1,3-di...	14.33	24.1	ug/L	846155	3	11.48	1752730	50.0
1,4-Methanonaphth...	14.58	8.0	ug/L	278830	3	11.48	1752730	50.0
Bicyclo[4.4.1]und...	14.73	16.3	ug/L	572227	3	11.48	1752730	50.0
3-Methylbenzothio...	14.82	6.2	ug/L	216961	3	11.48	1752730	50.0