LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

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\SOMULM040519WMA.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	rVB4	26427	27225	0.46%	0.085%
2	1.395	89	95	109	rBV	409574	426497	7.18%	1.335%
3	1.678	175	183	196	rBV	263477	338239	5.69%	1.059%
4	2.267	355	366	377	rBV	515535	802849	13.51%	2.513%
5	2.440	416	420	422	rBV4	996	908	0.02%	0.003%
6	2.775	521	524	525	rBV3	1465	814	0.01%	0.003%
7	2.984	581	589	602	rVB4	16710	32024	0.54%	0.100%
8	3.099	620	625	626	rBV3	1272	958	0.02%	0.003%
9	3.305	682	689	695	rVB9	1570	2697	0.05%	0.008%
10	3.437	724	730	733	rVB4	1098	1181	0.02%	0.004%
11	3.559	764	768	773	rVV3	854	1079	0.02%	0.003%
12	4.090	917	933	943	rBV8	4053	8940	0.15%	0.028%
13	4.218	947	973	1005	rBV2	2190672	5943000	100.00%	18.600%
14	4.643	1088	1105	1127	rBV2	358273	879752	14.80%	2.753%
15	4.984	1203	1211	1212	rBV7	7100	8010	0.13%	0.025%
16	5.212	1275	1282	1285	rBV4	1450	1689	0.03%	0.005%
17	5.334	1296	1320	1352	rVV2	755986	2278390	38.34%	7.131%
18	5.881	1476	1490	1524	rBV	613446	1238949	20.85%	3.878%
19	6.180	1567	1583	1609	rBV	2137794	4154012	69.90%	13.001%
20	6.324	1616	1628	1645	rBV	492494	973372	16.38%	3.046%
21	6.623	1718	1721	1724	rBV4	2063	1651	0.03%	0.005%
22	6.890	1801	1804	1808	rBV3	872	770	0.01%	0.002%
23	6.939	1815	1819	1825	rBV4	1272	1227	0.02%	0.004%
24	7.225	1896	1908	1929	rBV2	267899	497943	8.38%	1.558%
25	7.562	1994	2013	2028	rBV	982623	1746612	29.39%	5.466%
26	7.849	2091	2102	2118	rBV	181722	324576	5.46%	1.016%
27	8.170	2199	2202	2204	rBV3	1553	1005	0.02%	0.003%
28	8.225	2207	2219	2234	rVV2	448400	772985	13.01%	2.419%
29	8.308	2234	2245	2288	rVB	679069	1294888	21.79%	4.053%
30	8.656	2349	2353	2357	rBV5	1306	1379	0.02%	0.004%
31	8.681	2357	2361	2366	rVV6	916	950	0.02%	0.003%
32	8.726	2372	2375	2378	rVB3	1097	890	0.01%	0.003%
33	8.839	2406	2410	2413	rBV4	1315	835	0.01%	0.003%
34	8.897	2424	2428	2432	rVB5	831	787	0.01%	0.002%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

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\SOMULM040519WMA.M
Title : VOC Analysis

35	8.961	2444	2448	2455	rVB6	956	1248	0.02%	0.004%
36	9.000	2455	2460	2463	rBV3	916	892	0.02%	0.003%
37	9.086	2475	2487	2510	rBV	900856	1534796	25.83%	4.803%
38	9.250	2530	2538	2549	rVB	22537	37167	0.63%	0.116%
39	9.347	2561	2568	2570	rBV6	1149	1529	0.03%	0.005%
40	9.492	2608	2613	2617	rBV3	1274	1378	0.02%	0.004%
41	9.540	2624	2628	2633	rBV5	1041	1206	0.02%	0.004%
42	9.598	2644	2646	2654	rVB	1438	1256	0.02%	0.004%
43	9.781	2699	2703	2710	rVB6	2907	3222	0.05%	0.010%
44	9.951	2752	2756	2763	rVB6	2223	2593	0.04%	0.008%
45	10.051	2779	2787	2791	rBV7	2487	3663	0.06%	0.011%
46	10.164	2811	2822	2836	rBV2	41195	69144	1.16%	0.216%
47	10.295	2859	2863	2868	rVB3	1483	1493	0.03%	0.005%
48	10.347	2872	2879	2880	rBV3	986	928	0.02%	0.003%
49	10.369	2883	2886	2892	rVB4	1513	1285	0.02%	0.004%
50	10.427	2892	2904	2922	rBV	672548	1091244	18.36%	3.415%
51	10.591	2947	2955	2967	rVB3	9599	17230	0.29%	0.054%
52	10.826	3024	3028	3030	rBV3	946	759	0.01%	0.002%
53	10.967	3064	3072	3086	rBV2	42747	69713	1.17%	0.218%
54	11.093	3107	3111	3116	rVB6	1559	1452	0.02%	0.005%
55	11.151	3122	3129	3132	rBV5	2062	2790	0.05%	0.009%
56	11.202	3141	3145	3148	rBV3	1022	901	0.02%	0.003%
57	11.289	3161	3172	3173	rBV6	7096	7854	0.13%	0.025%
58	11.321	3175	3182	3193	rVB3	37116	56253	0.95%	0.176%
59	11.372	3193	3198	3201	rBV6	3460	3519	0.06%	0.011%
60	11.427	3207	3215	3220	rBV3	9864	13214	0.22%	0.041%
61	11.479	3220	3231	3253	rBV	846567	1353098	22.77%	4.235%
62	11.688	3288	3296	3306	rVB5	8761	14395	0.24%	0.045%
63	11.765	3308	3320	3331	rBV4	123655	257756	4.34%	0.807%
64	11.855	3338	3348	3371	rVB	928569	1556673	26.19%	4.872%
65	11.977	3380	3386	3395	rVB4	17496	26520	0.45%	0.083%
66	12.054	3403	3410	3419	rVB2	18816	26958	0.45%	0.084%
67	12.144	3429	3438	3449	rVB3	17626	27675	0.47%	0.087%
68	12.247	3457	3470	3477	rBV	62105	104045	1.75%	0.326%
69	12.350	3492	3502	3511	rBV	89635	149705	2.52%	0.469%
70	12.482	3535	3543	3544	rBV6	6827	6297	0.11%	0.020%
71	12.533	3552	3559	3565	rBV5	12571	18263	0.31%	0.057%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

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\SOMULM040519WMA.M
Title : VOC Analysis

72	12.572	3566	3571	3579	rVV6	10384	15020	0.25%	0.047%
73	12.646	3588	3594	3602	rVB	43667	61975	1.04%	0.194%
74	12.697	3602	3610	3625	rVB2	82181	130599	2.20%	0.409%
75	12.784	3630	3637	3646	rBV5	19733	28981	0.49%	0.091%
76	12.874	3661	3665	3670	rBV5	5704	6877	0.12%	0.022%
77	12.961	3686	3692	3708	rVB3	57754	95738	1.61%	0.300%
78	13.080	3721	3729	3733	rBV4	15276	23152	0.39%	0.072%
79	13.122	3733	3742	3754	rVB2	133361	209768	3.53%	0.657%
80	13.234	3773	3777	3782	rBV	7747	8403	0.14%	0.026%
81	13.286	3783	3793	3809	rVB	191281	310651	5.23%	0.972%
82	13.405	3822	3830	3836	rBV6	19318	28075	0.47%	0.088%
83	13.453	3837	3845	3853	rBV3	28916	44981	0.76%	0.141%
84	13.504	3854	3861	3869	rBV5	41312	70011	1.18%	0.219%
85	13.739	3923	3934	3958	rBV	302297	524012	8.82%	1.640%
86	13.851	3961	3969	3982	rVB4	65320	107356	1.81%	0.336%
87	13.948	3991	3999	4010	rVB2	61742	100649	1.69%	0.315%
88	14.151	4052	4062	4079	rVB5	29867	62507	1.05%	0.196%
89	14.347	4109	4123	4143	rBV3	100185	207325	3.49%	0.649%
90	14.472	4156	4162	4170	rVB5	18227	27758	0.47%	0.087%
91	14.536	4175	4182	4195	rVB3	32567	57735	0.97%	0.181%
92	14.604	4196	4203	4210	rVB9	7694	11750	0.20%	0.037%
93	14.675	4215	4225	4239	rBV3	96509	166787	2.81%	0.522%
94	14.874	4276	4287	4299	rBV	279000	511225	8.60%	1.600%
95	15.057	4334	4344	4358	rBV	311997	528495	8.89%	1.654%
96	15.803	4570	4576	4581	rBV3	21026	30877	0.52%	0.097%
97	15.916	4603	4611	4623	rBV3	43828	90955	1.53%	0.285%
98	16.060	4647	4656	4663	rBV2	100677	163469	2.75%	0.512%
99	16.433	4766	4772	4782	rVB7	18157	29031	0.49%	0.091%
100	16.549	4801	4808	4819	rVB2	41881	62550	1.05%	0.196%

Sum of corrected areas: 31951909

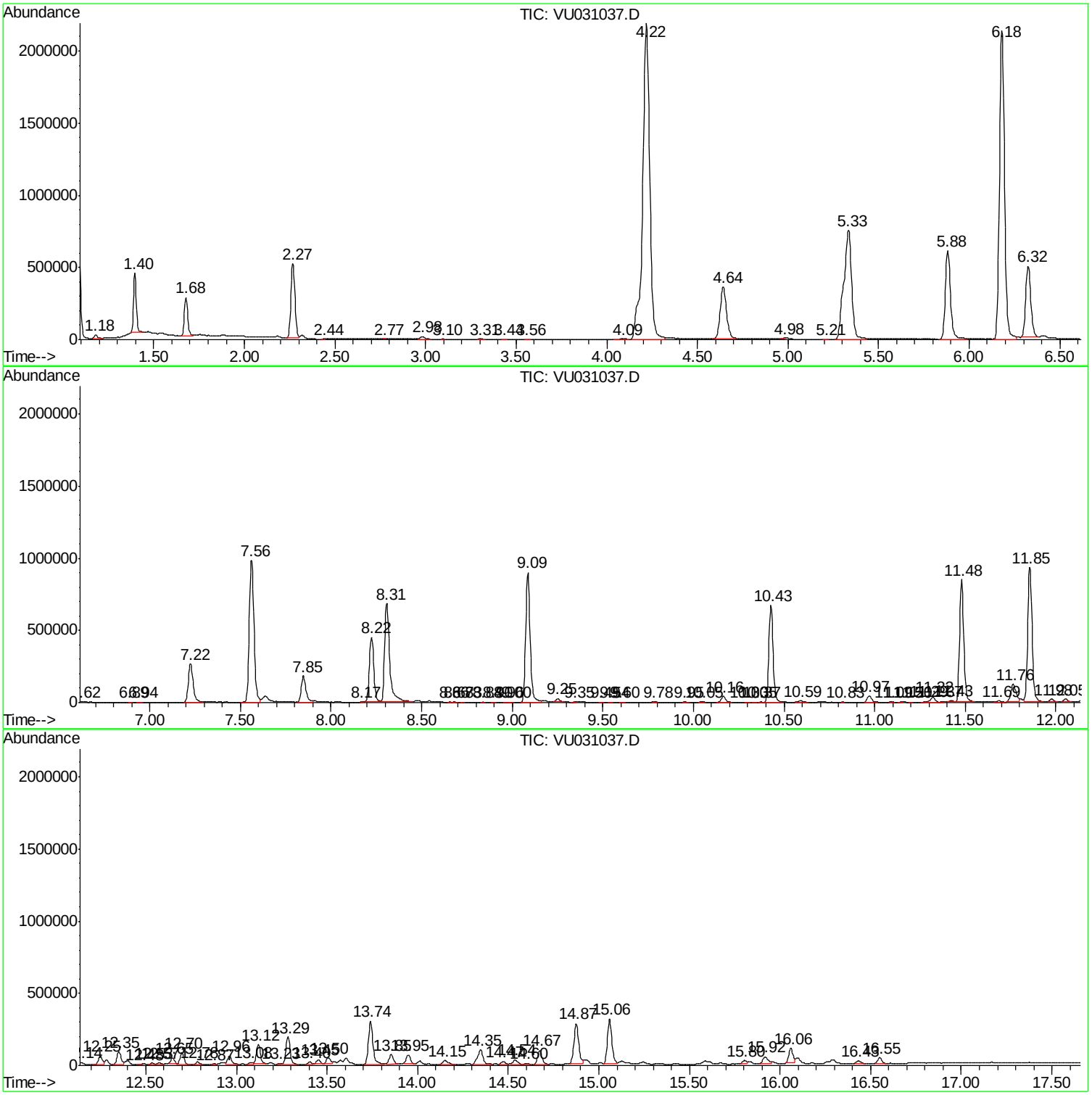
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

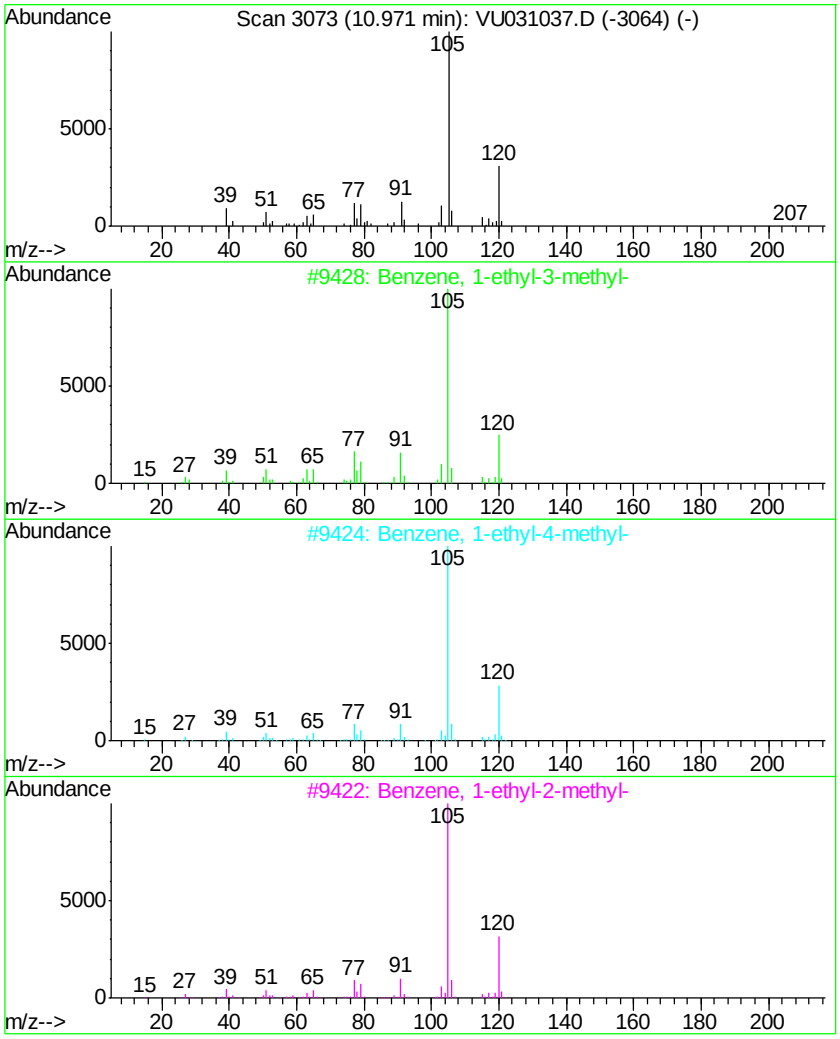
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

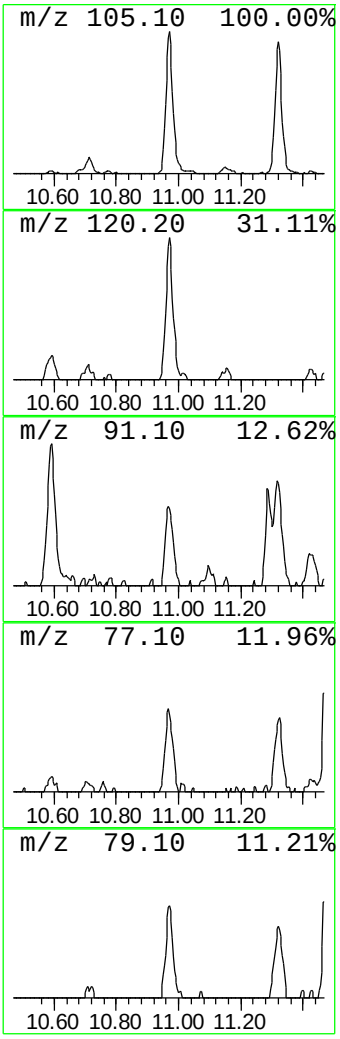
****

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	2.58 ug/L	69713	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

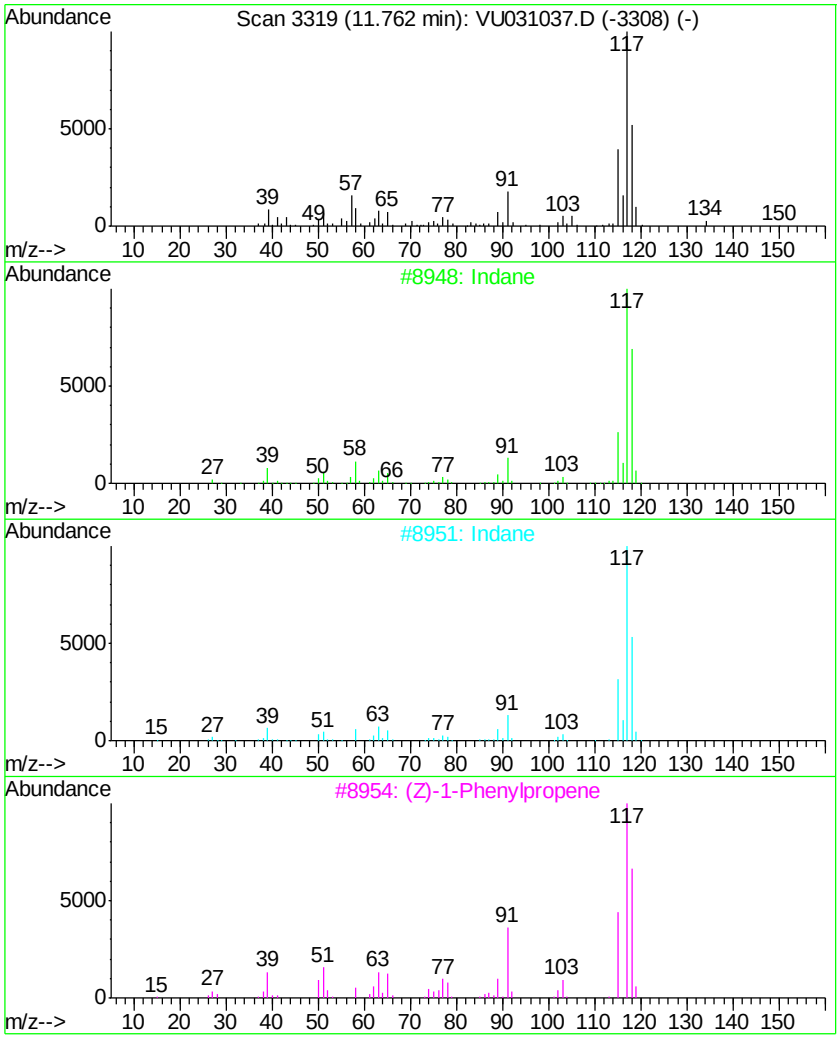
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

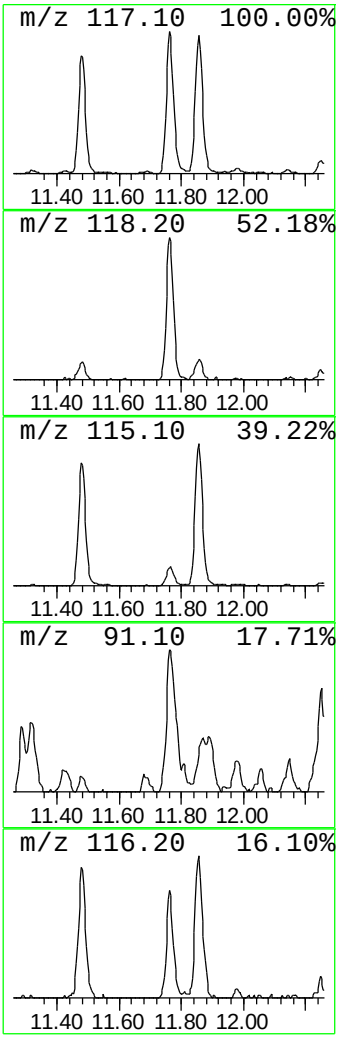
****

Peak Number 3 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	9.52 ug/L	257756	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	70
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64
4	Indane	118	C9H10	000496-11-7	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

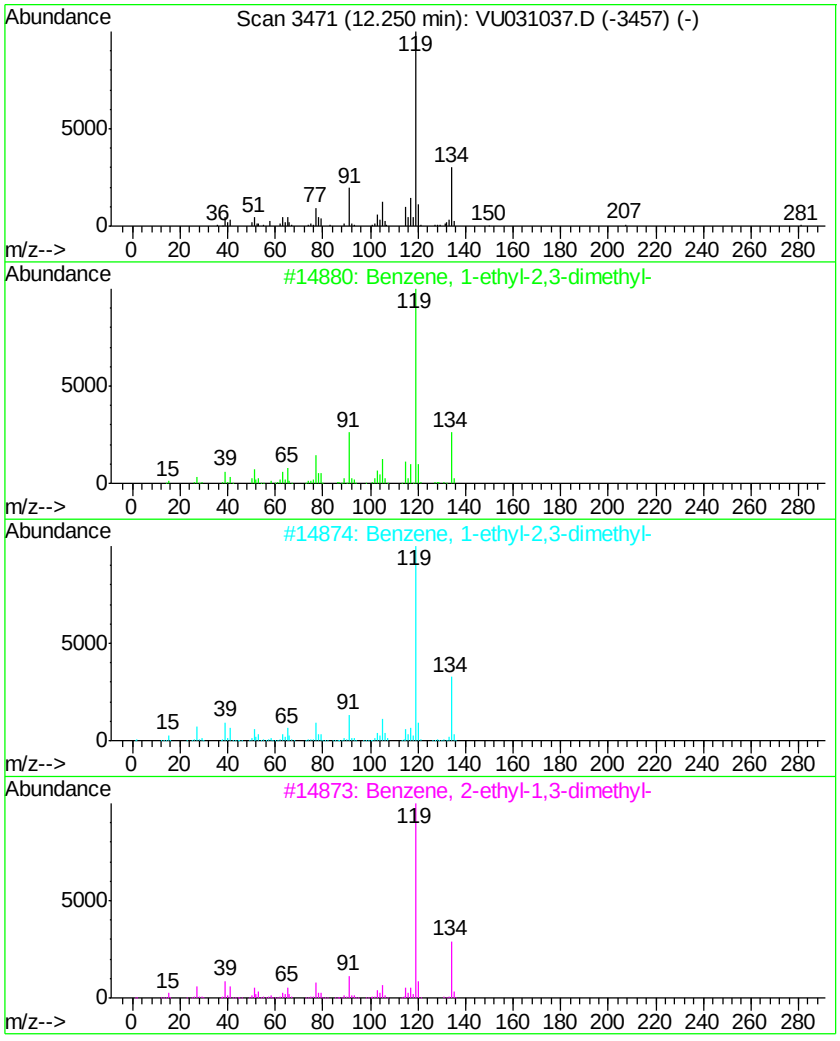
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

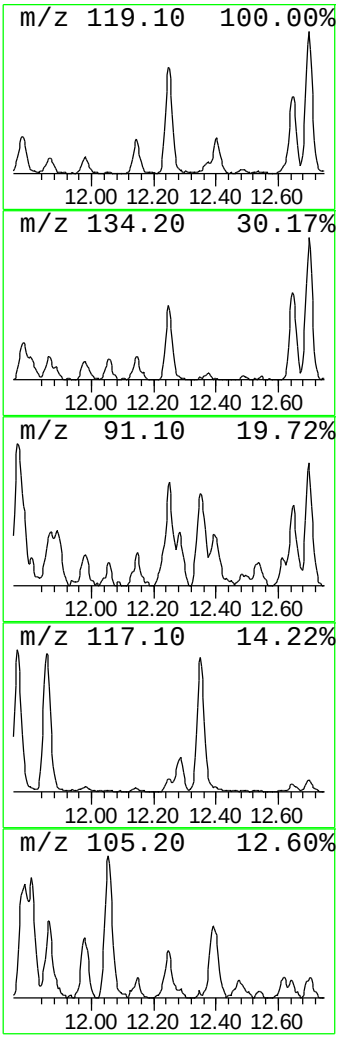
****

Peak Number 4 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	3.84 ug/L	104045	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

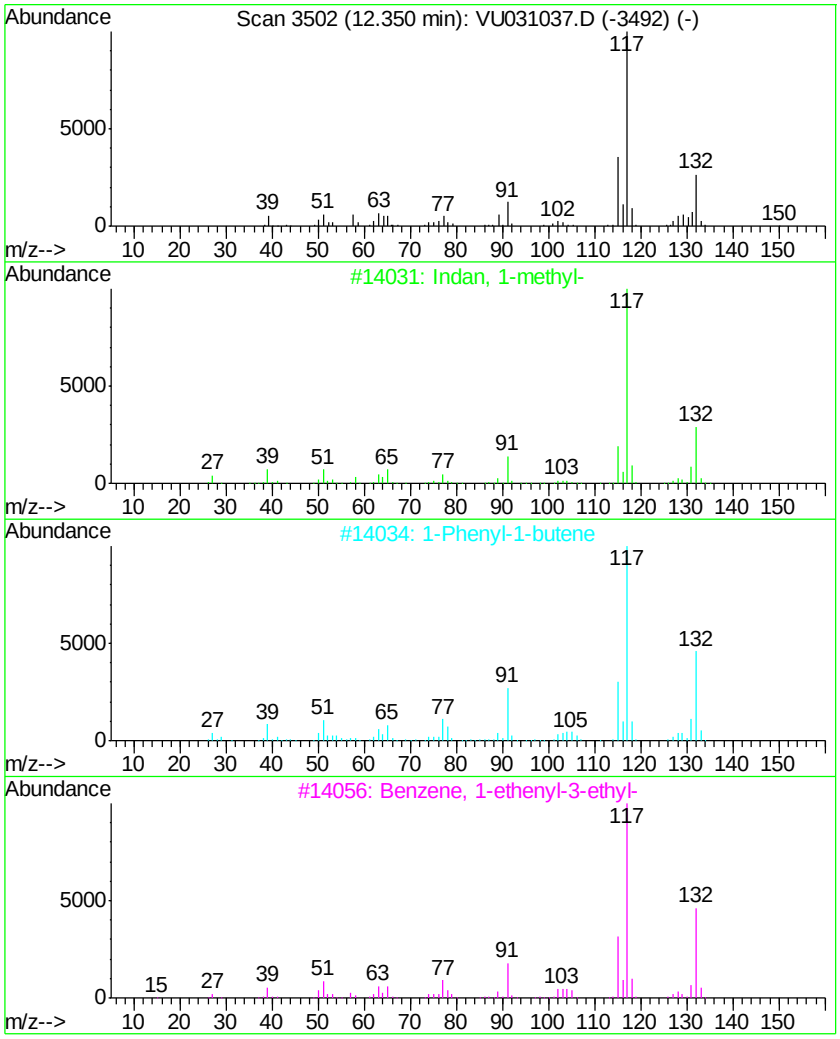
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

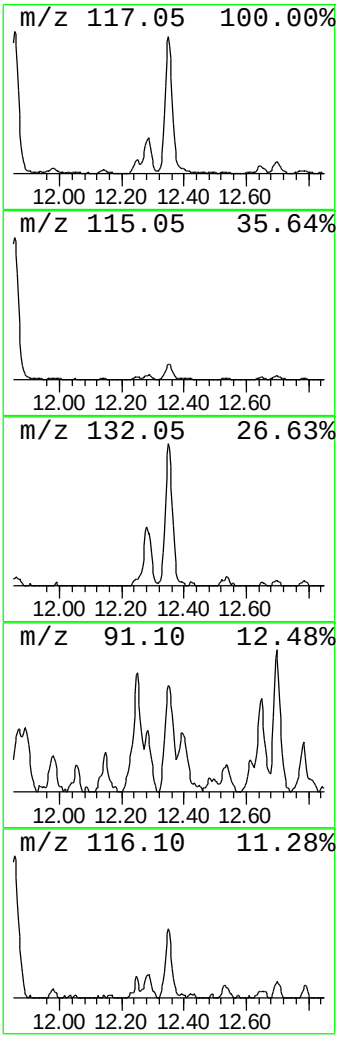
****

Peak Number 5 Indan, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	5.53 ug/L	149705	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

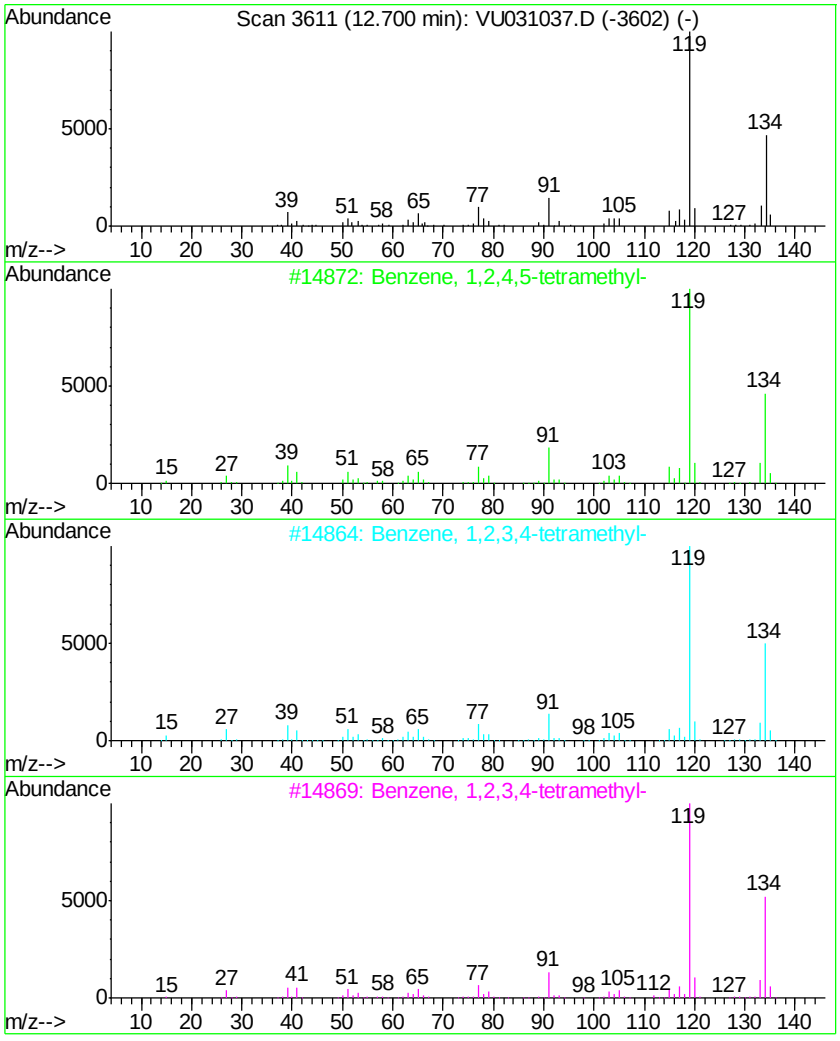
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

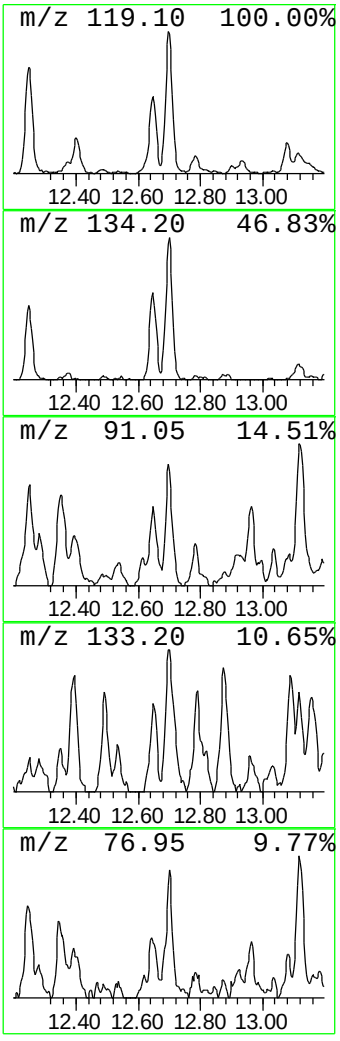
****

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	4.83 ug/L	130599	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

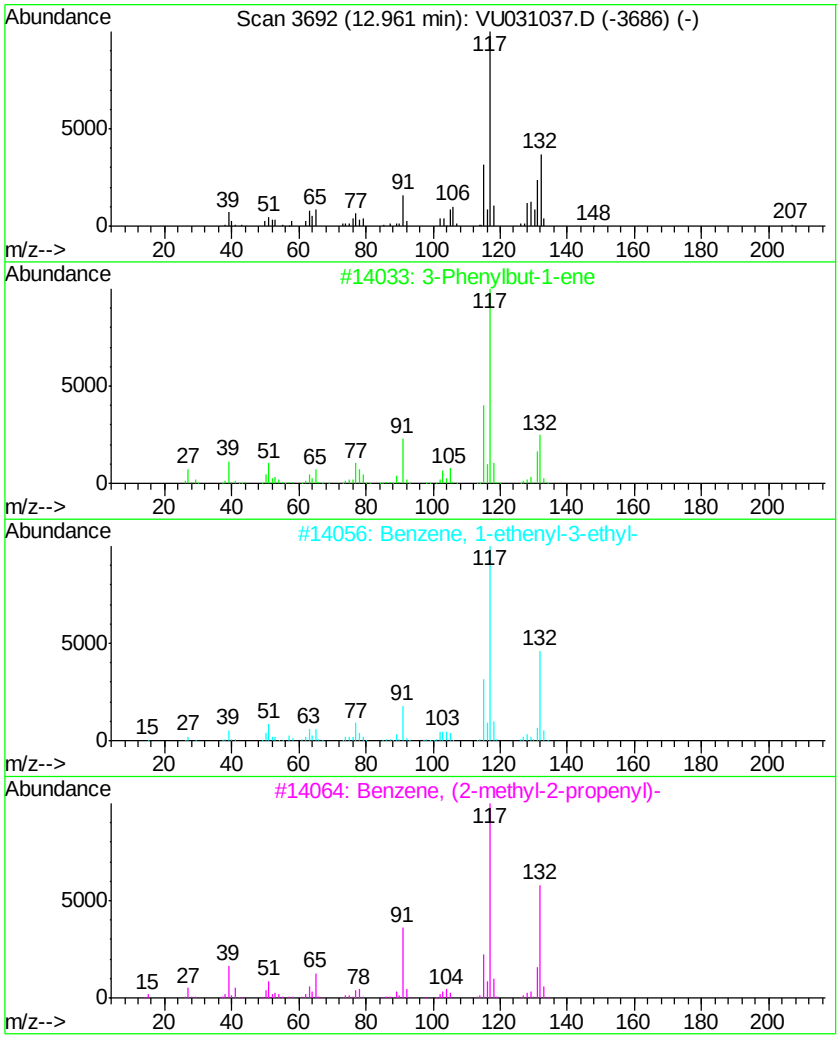
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

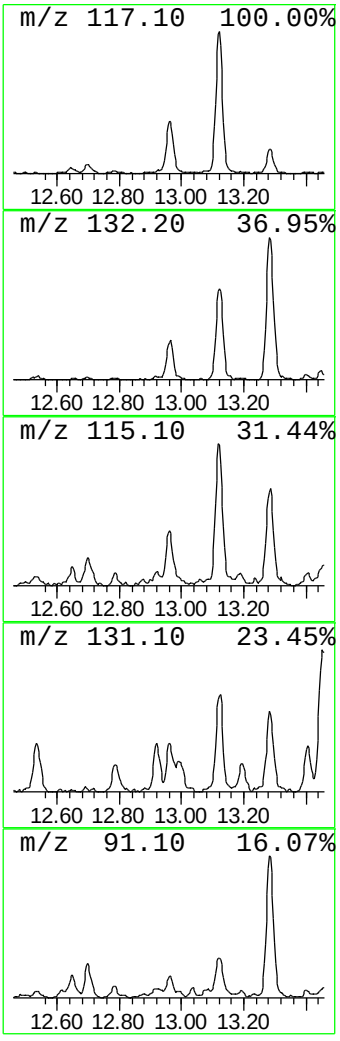
****

Peak Number 7 3-Phenylbut-1-ene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	3.54 ug/L	95738	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	76
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	74
5	Indan, 1-methyl-	132	C10H12	000767-58-8	70





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Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

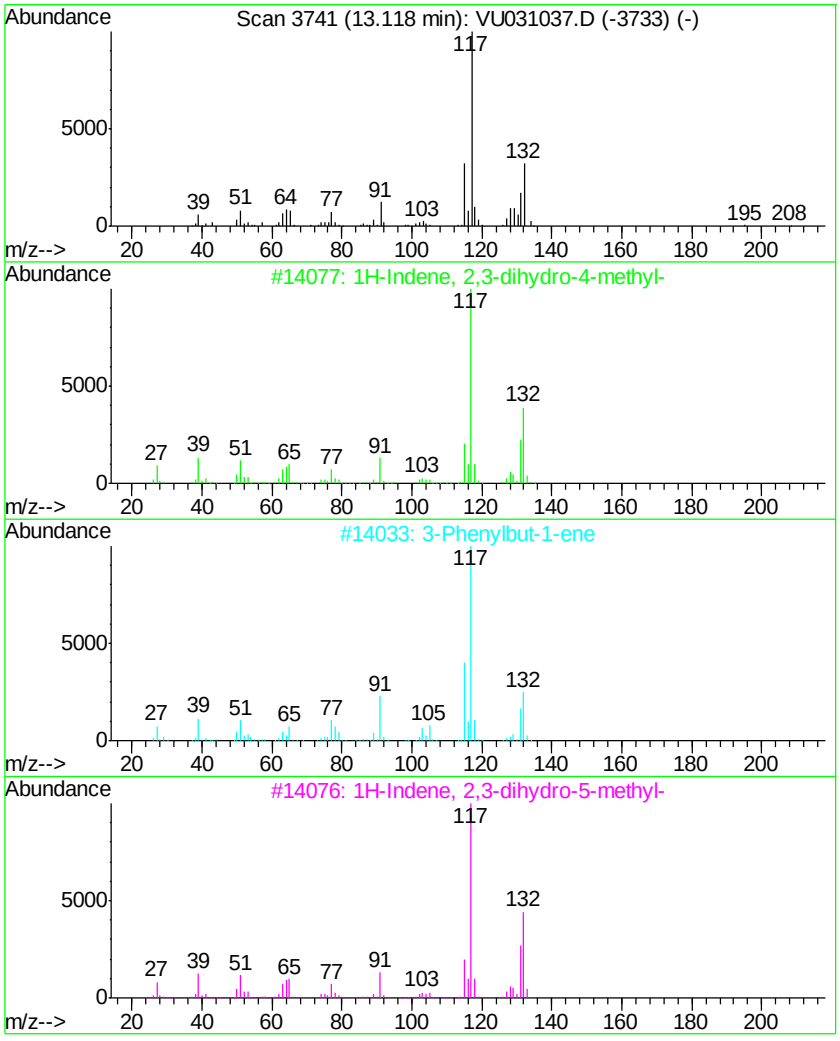
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

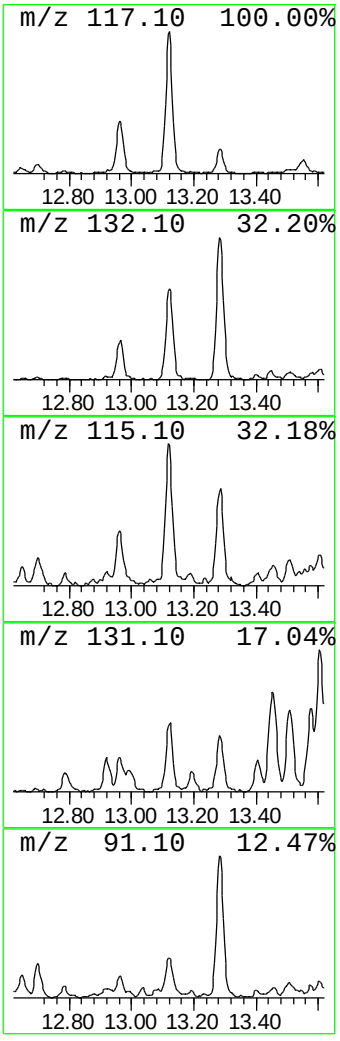
****

Peak Number 8 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	7.75 ug/L	209768	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	87
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	83
4	Indan, 1-methyl-	132	C10H12	000767-58-8	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





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Data File : VU031037.D
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Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

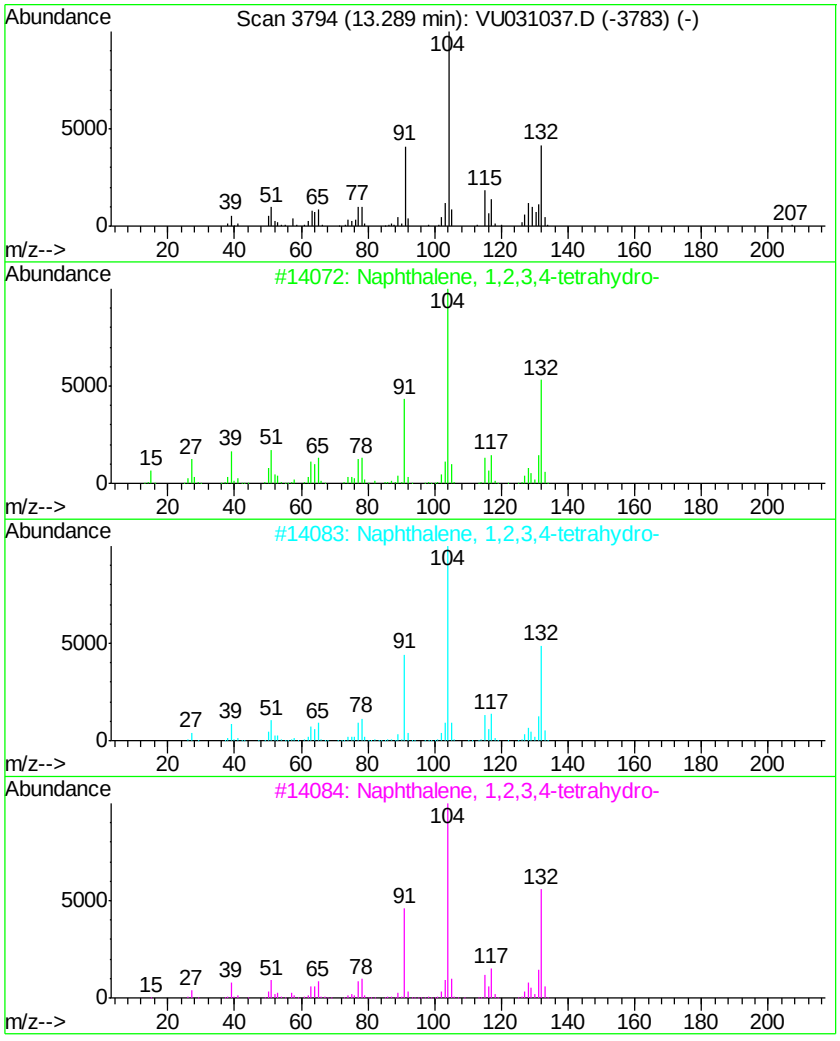
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

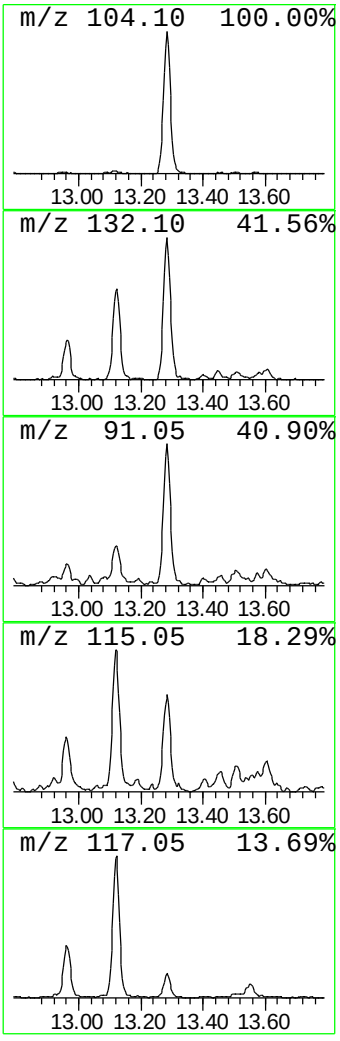
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	11.48 ug/L	310651	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
5	Benzene, cyclobutyl-	132	C10H12	004392-30-7	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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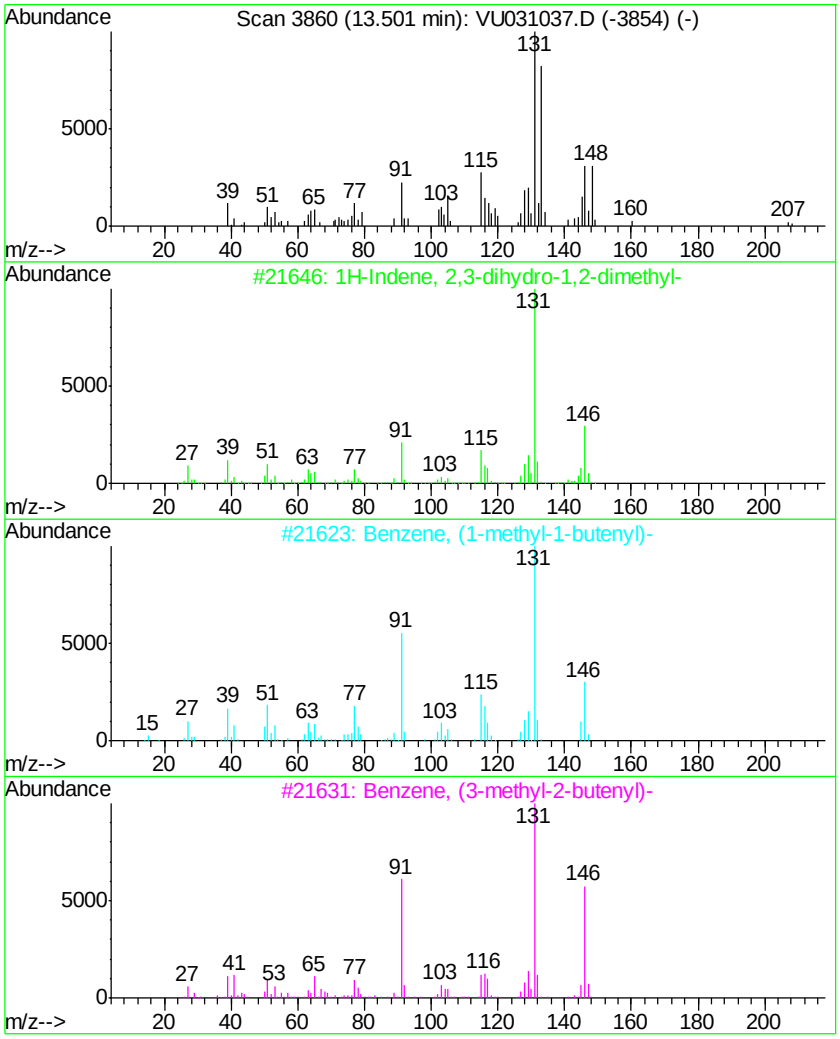
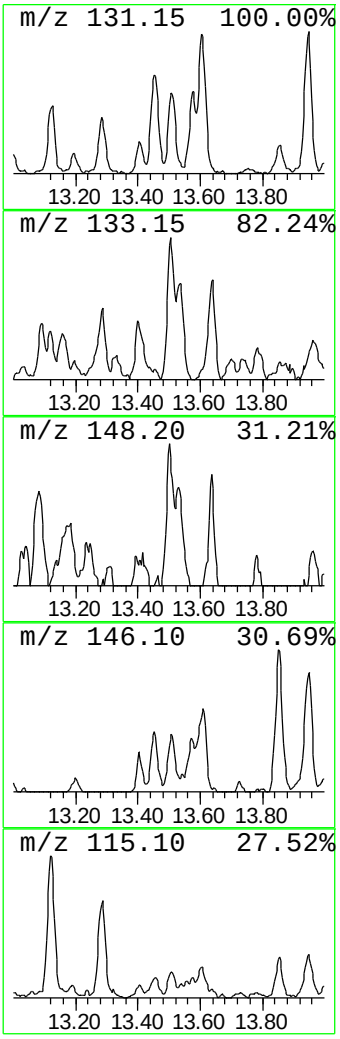
Peak Number 10 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	2.59 ug/L	70011	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	92
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	78
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	60





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Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

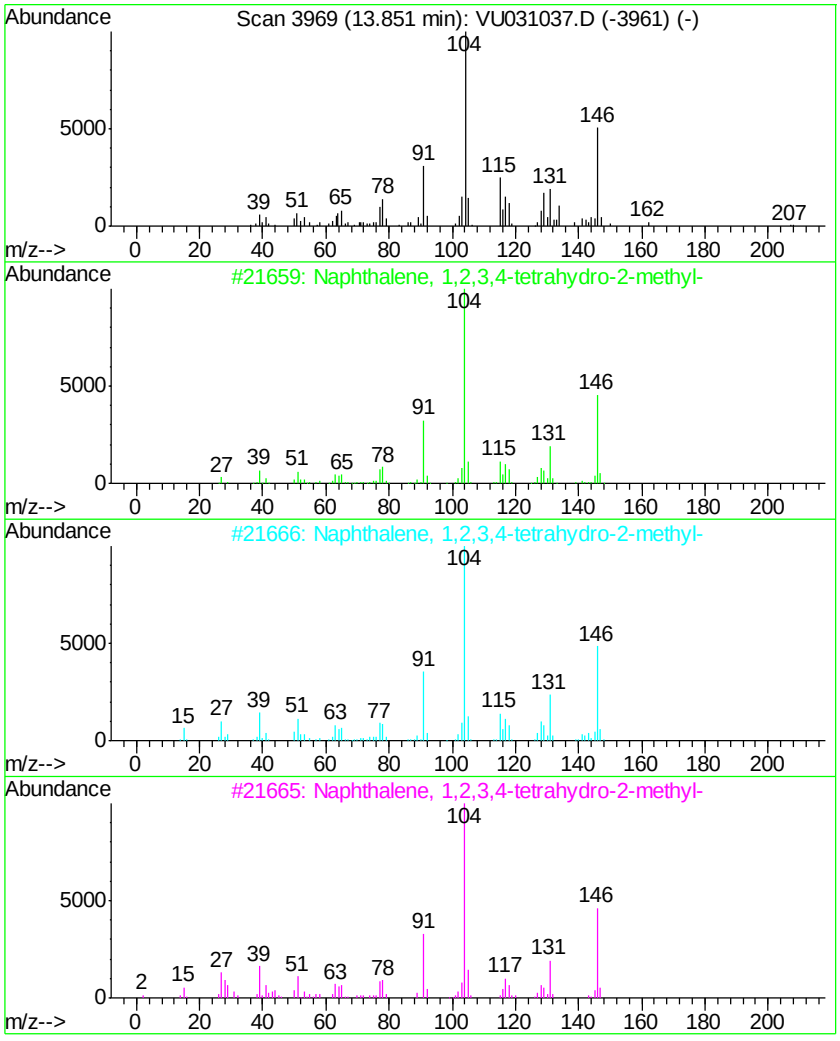
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

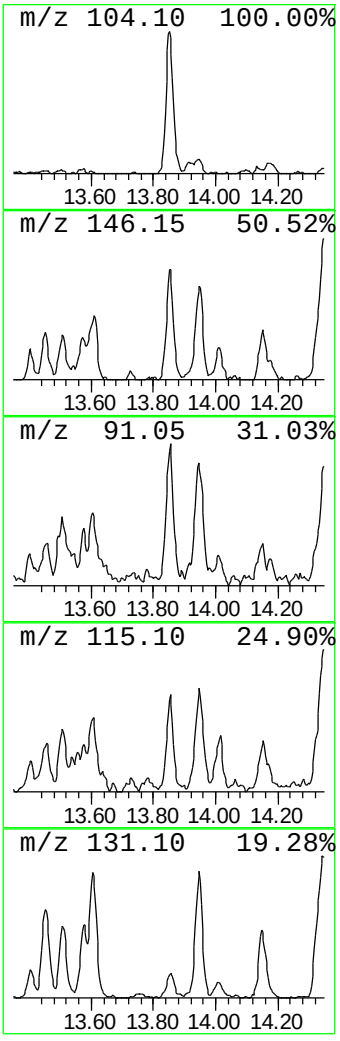
****

Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.97 ug/L	107356	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	83
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

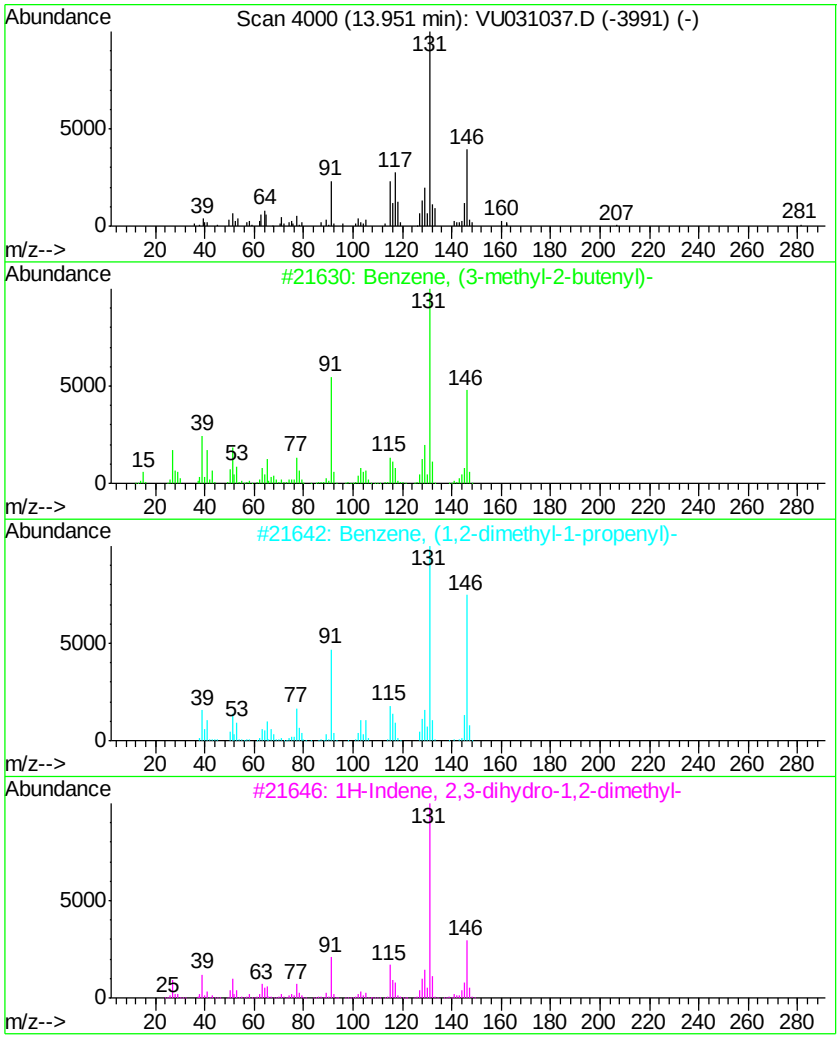
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

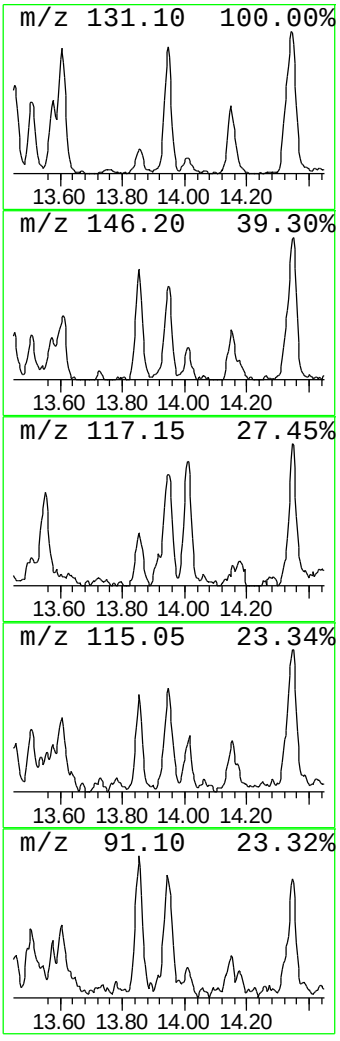
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (3-methyl-2-butenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.72 ug/L	100649	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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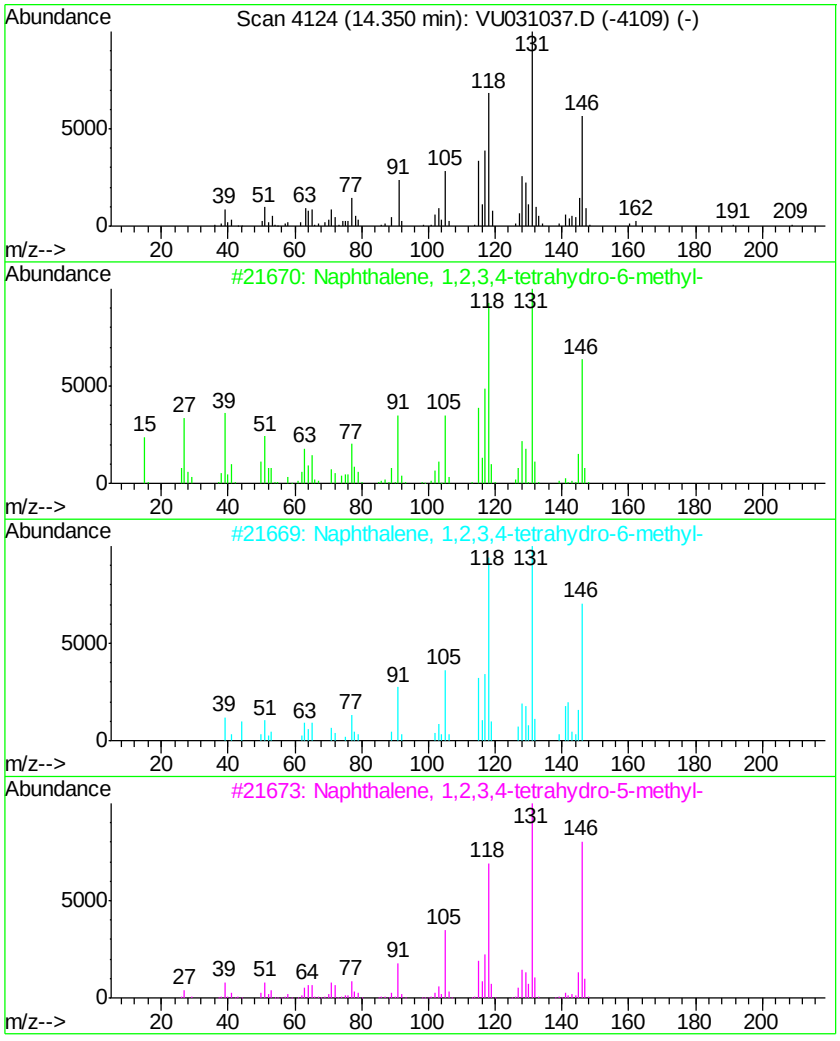
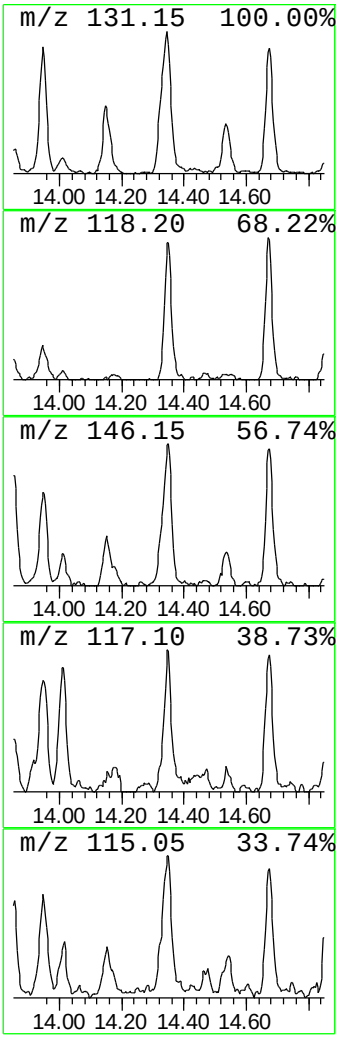
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	7.66 ug/L	207325	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87





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Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

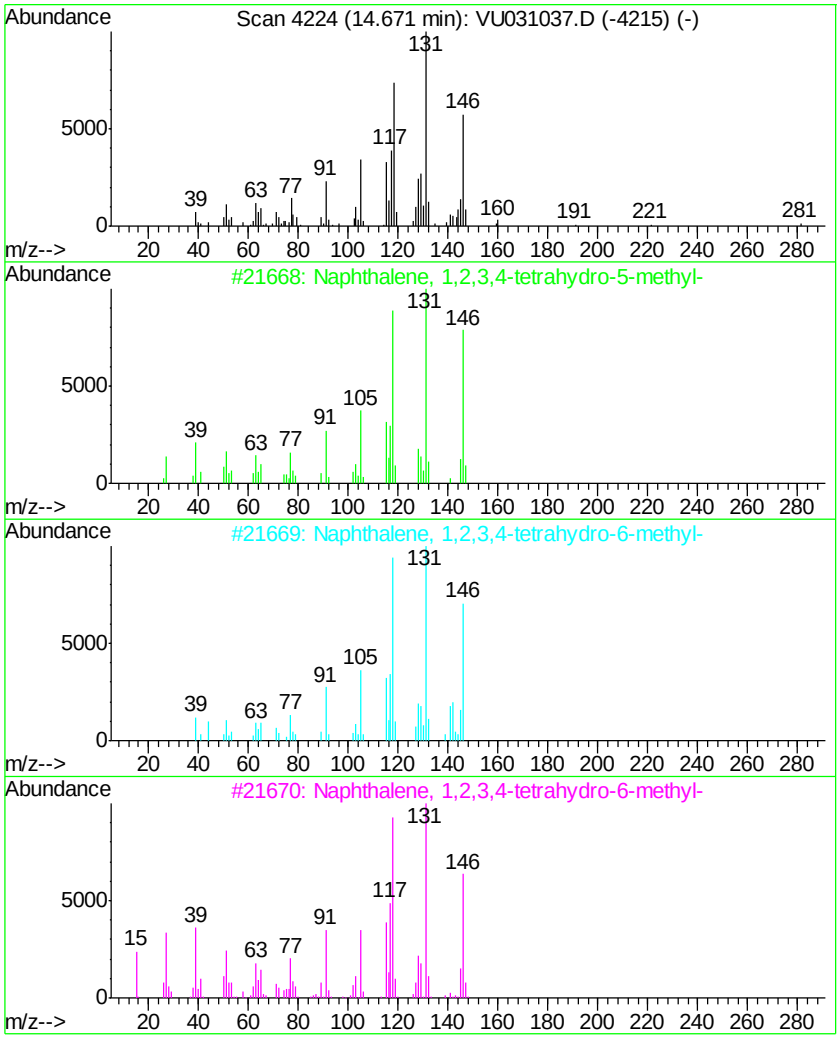
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

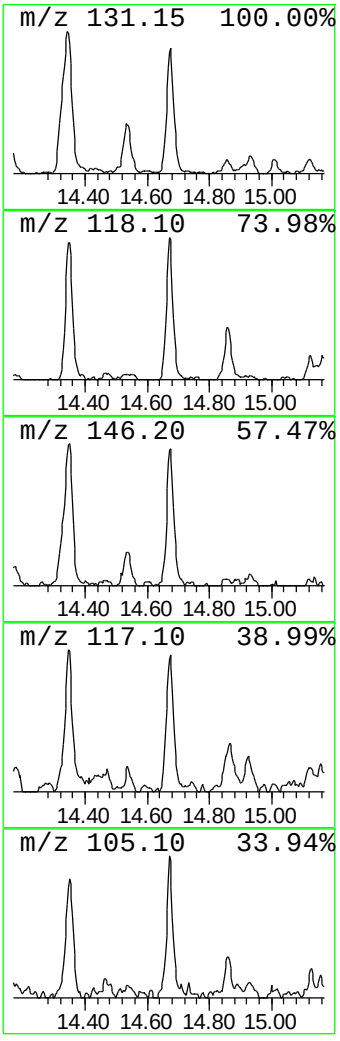
****

Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	6.16 ug/L	166787	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93





Library Search Compound Report

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Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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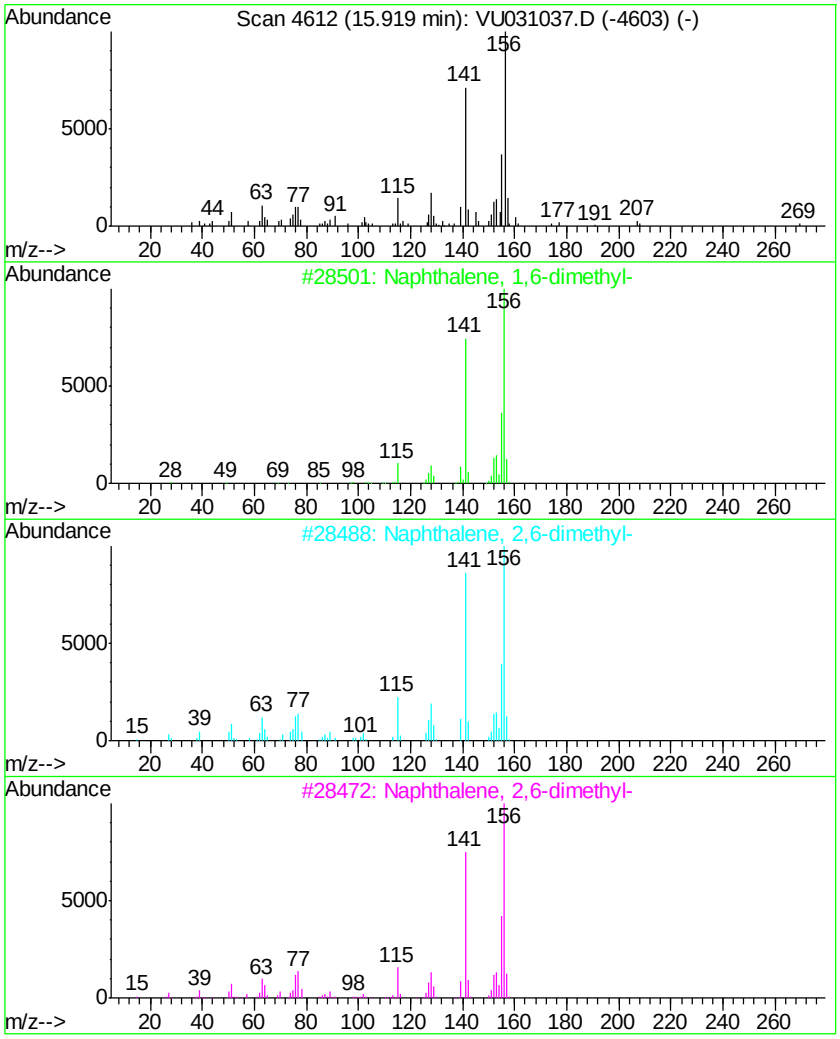
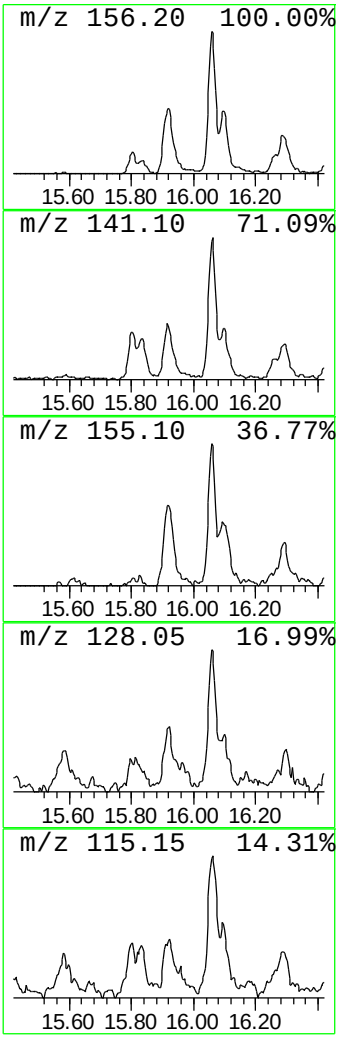
Peak Number 18 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.36 ug/L	90955	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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, 1-ethyl-...	10.97	2.6	ug/L	69713	3	11.48	1353100	50.0
Indane	11.76	9.5	ug/L	257756	3	11.48	1353100	50.0
Benzene, 1-ethyl-...	12.25	3.8	ug/L	104045	3	11.48	1353100	50.0
Indan, 1-methyl-	12.35	5.5	ug/L	149705	3	11.48	1353100	50.0
Benzene, 1,2,4,5-...	12.70	4.8	ug/L	130599	3	11.48	1353100	50.0
3-Phenylbut-1-ene	12.96	3.5	ug/L	95738	3	11.48	1353100	50.0
1H-Indene, 2,3-di...	13.12	7.8	ug/L	209768	3	11.48	1353100	50.0
Naphthalene, 1,2,...	13.29	11.5	ug/L	310651	3	11.48	1353100	50.0
1H-Indene, 2,3-di...	13.50	2.6	ug/L	70011	3	11.48	1353100	50.0
Naphthalene, 1,2,...	13.85	4.0	ug/L	107356	3	11.48	1353100	50.0
Benzene, (3-methy...	13.95	3.7	ug/L	100649	3	11.48	1353100	50.0
Naphthalene, 1,2,...	14.35	7.7	ug/L	207325	3	11.48	1353100	50.0
Naphthalene, 1,2,...	14.67	6.2	ug/L	166787	3	11.48	1353100	50.0
Naphthalene, 1,6-...	15.92	3.4	ug/L	90955	3	11.48	1353100	50.0