LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

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	36	rVB2	23799	23609	1.26%	0.118%
2	1.392	87	94	107	rBV	262797	283670	15.14%	1.421%
3	1.675	174	182	197	rVV	191205	255180	13.62%	1.278%
4	1.753	200	206	217	rVB	31052	41468	2.21%	0.208%
5	2.267	356	366	378	rBV	389164	578999	30.91%	2.899%
6	2.437	409	419	438	rVV	24131	46690	2.49%	0.234%
7	2.566	455	459	466	rVB5	1301	1375	0.07%	0.007%
8	2.701	487	501	508	rBV7	6757	14295	0.76%	0.072%
9	2.785	518	527	537	rBV3	21833	36032	1.92%	0.180%
10	2.990	579	591	607	rVB3	25129	51299	2.74%	0.257%
11	3.187	649	652	655	rBV3	1073	841	0.04%	0.004%
12	3.798	838	842	845	rBV3	1173	764	0.04%	0.004%
13	4.090	915	933	947	rBV3	85341	230215	12.29%	1.153%
14	4.167	947	957	984	rVV2	233491	607021	32.41%	3.040%
15	4.537	1070	1072	1078	rVB7	830	817	0.04%	0.004%
16	4.643	1088	1105	1127	rBV2	311474	768810	41.04%	3.850%
17	4.820	1156	1160	1163	rBV4	980	725	0.04%	0.004%
18	4.875	1171	1177	1180	rBV5	1219	1228	0.07%	0.006%
19	4.990	1195	1213	1231	rBV2	143213	336862	17.98%	1.687%
20	5.074	1232	1239	1257	rVB7	9783	24018	1.28%	0.120%
21	5.254	1273	1295	1299	rBV7	22085	52205	2.79%	0.261%
22	5.334	1300	1320	1347	rVB2	627786	1873117	100.00%	9.380%
23	5.476	1355	1364	1376	rVB5	34539	64623	3.45%	0.324%
24	5.617	1398	1408	1426	rVB3	69971	155906	8.32%	0.781%
25	5.720	1438	1440	1446	rVB4	1291	1148	0.06%	0.006%
26	5.749	1446	1449	1451	rBV3	928	673	0.04%	0.003%
27	5.788	1457	1461	1464	rBV3	1159	900	0.05%	0.005%
28	5.881	1475	1490	1514	rBV	648010	1290171	68.88%	6.461%
29	6.180	1572	1583	1588	rBV10	4575	9107	0.49%	0.046%
30	6.325	1615	1628	1641	rBV	439934	874813	46.70%	4.381%
31	6.408	1645	1654	1669	rVB3	200079	429734	22.94%	2.152%
32	6.637	1714	1725	1739	rVB5	17163	35083	1.87%	0.176%
33	6.733	1747	1755	1771	rVB5	11877	23721	1.27%	0.119%
34	6.817	1773	1781	1787	rBV5	3500	6405	0.34%	0.032%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

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	6.897	1797	1806	1819	rVB6	14868	28715	1.53%	0.144%
36	7.026	1841	1846	1847	rBV3	1375	1171	0.06%	0.006%
37	7.064	1848	1858	1869	rVV4	12804	25975	1.39%	0.130%
38	7.177	1889	1893	1897	rBV5	1246	1119	0.06%	0.006%
39	7.225	1897	1908	1925	rBV	221417	419609	22.40%	2.101%
40	7.428	1964	1971	1990	rVB	9282	20803	1.11%	0.104%
41	7.559	1990	2012	2035	rBV	783242	1484500	79.25%	7.434%
42	7.701	2049	2056	2065	rBV6	10430	17914	0.96%	0.090%
43	7.846	2091	2101	2114	rBV	154651	274969	14.68%	1.377%
44	7.913	2116	2122	2132	rVB3	34296	55171	2.95%	0.276%
45	8.042	2149	2162	2170	rBV8	14391	26932	1.44%	0.135%
46	8.090	2170	2177	2187	rVB5	10500	17500	0.93%	0.088%
47	8.260	2226	2230	2232	rBV3	1456	1031	0.06%	0.005%
48	8.305	2232	2244	2287	rVV	675287	1388445	74.12%	6.953%
49	8.540	2310	2317	2327	rBV2	27016	41686	2.23%	0.209%
50	8.759	2374	2385	2393	rVB8	5952	10817	0.58%	0.054%
51	8.842	2408	2411	2416	rBV6	2482	2287	0.12%	0.011%
52	8.945	2439	2443	2446	rBV4	2177	1889	0.10%	0.009%
53	8.968	2448	2450	2455	rVV5	1311	1188	0.06%	0.006%
54	9.087	2474	2487	2507	rBV	918069	1574902	84.08%	7.887%
55	9.360	2562	2572	2574	rBV9	6241	9585	0.51%	0.048%
56	9.444	2595	2598	2604	rVB7	3556	3408	0.18%	0.017%
57	9.559	2625	2634	2635	rBV7	4409	3885	0.21%	0.019%
58	9.649	2656	2662	2667	rBV5	1503	2092	0.11%	0.010%
59	9.717	2671	2683	2690	rBV9	7320	16714	0.89%	0.084%
60	9.784	2698	2704	2713	rBV9	2897	4537	0.24%	0.023%
61	9.842	2719	2722	2725	rBV3	1013	680	0.04%	0.003%
62	9.903	2738	2741	2742	rBV3	1296	725	0.04%	0.004%
63	9.948	2748	2755	2766	rVB5	13350	20763	1.11%	0.104%
64	10.042	2775	2784	2795	rBV5	8331	18724	1.00%	0.094%
65	10.164	2812	2822	2836	rVV2	43851	72521	3.87%	0.363%
66	10.247	2844	2848	2856	rVB8	3813	5166	0.28%	0.026%
67	10.309	2862	2867	2875	rBV8	3440	5140	0.27%	0.026%
68	10.373	2880	2887	2892	rBV7	6242	7313	0.39%	0.037%
69	10.427	2892	2904	2919	rBV	650612	1046263	55.86%	5.239%
70	10.588	2946	2954	2968	rVB3	24900	43353	2.31%	0.217%
71	10.694	2983	2987	2995	rVB10	2990	4157	0.22%	0.021%

LSC Area Percent Report

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Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

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	10.727	2995	2997	3000	rBV3	1060	722	0.04%	0.004%
73	10.746	3000	3003	3005	rBV2	1470	1117	0.06%	0.006%
74	10.858	3031	3038	3043	rBV7	2254	3482	0.19%	0.017%
75	10.971	3064	3073	3079	rBV5	9603	15450	0.82%	0.077%
76	11.064	3093	3102	3106	rBV10	3996	6023	0.32%	0.030%
77	11.283	3161	3170	3173	rBV9	5187	7542	0.40%	0.038%
78	11.321	3176	3182	3194	rVB2	17060	25868	1.38%	0.130%
79	11.386	3200	3202	3204	rBV3	2033	979	0.05%	0.005%
80	11.479	3220	3231	3251	rBV	883844	1428820	76.28%	7.155%
81	11.762	3310	3319	3330	rBV	76904	133363	7.12%	0.668%
82	11.855	3337	3348	3372	rVB	815796	1357422	72.47%	6.798%
83	11.977	3379	3386	3400	rVB4	21776	34920	1.86%	0.175%
84	12.247	3462	3470	3477	rBV	40722	65930	3.52%	0.330%
85	12.350	3493	3502	3514	rBV2	81704	139052	7.42%	0.696%
86	12.646	3579	3594	3607	rBV2	64957	123956	6.62%	0.621%
87	12.717	3611	3616	3624	rVB7	8005	10219	0.55%	0.051%
88	12.788	3629	3638	3647	rVB5	20147	36554	1.95%	0.183%
89	12.874	3659	3665	3672	rBV4	12751	17131	0.91%	0.086%
90	13.119	3733	3741	3751	rVB3	130118	196939	10.51%	0.986%
91	13.453	3838	3845	3853	rVB3	54411	78813	4.21%	0.395%
92	13.508	3854	3862	3869	rBV4	57064	82757	4.42%	0.414%
93	14.148	4054	4061	4077	rVB3	50184	99829	5.33%	0.500%
94	14.328	4108	4117	4130	rBV3	97566	193250	10.32%	0.968%
95	14.472	4155	4162	4173	rBV3	40542	73151	3.91%	0.366%
96	14.533	4174	4181	4194	rVB4	86954	168870	9.02%	0.846%
97	14.675	4217	4225	4239	rBV6	61700	127164	6.79%	0.637%
98	14.816	4264	4269	4276	rBV	25897	32973	1.76%	0.165%
99	15.058	4334	4344	4358	rBV	314327	567007	30.27%	2.839%
100	16.057	4647	4655	4663	rBV	93963	156858	8.37%	0.785%

Sum of corrected areas: 19969334

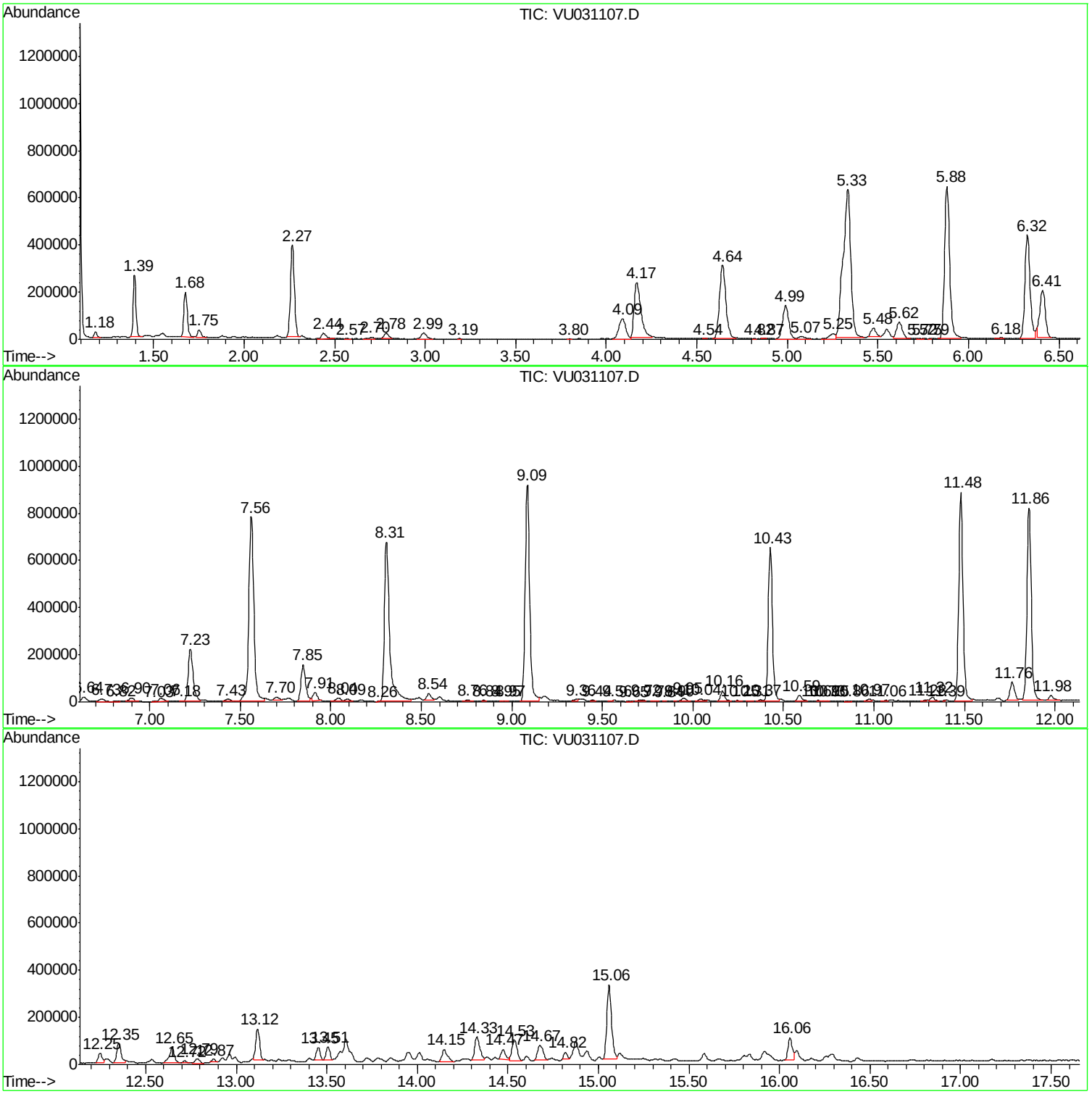
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

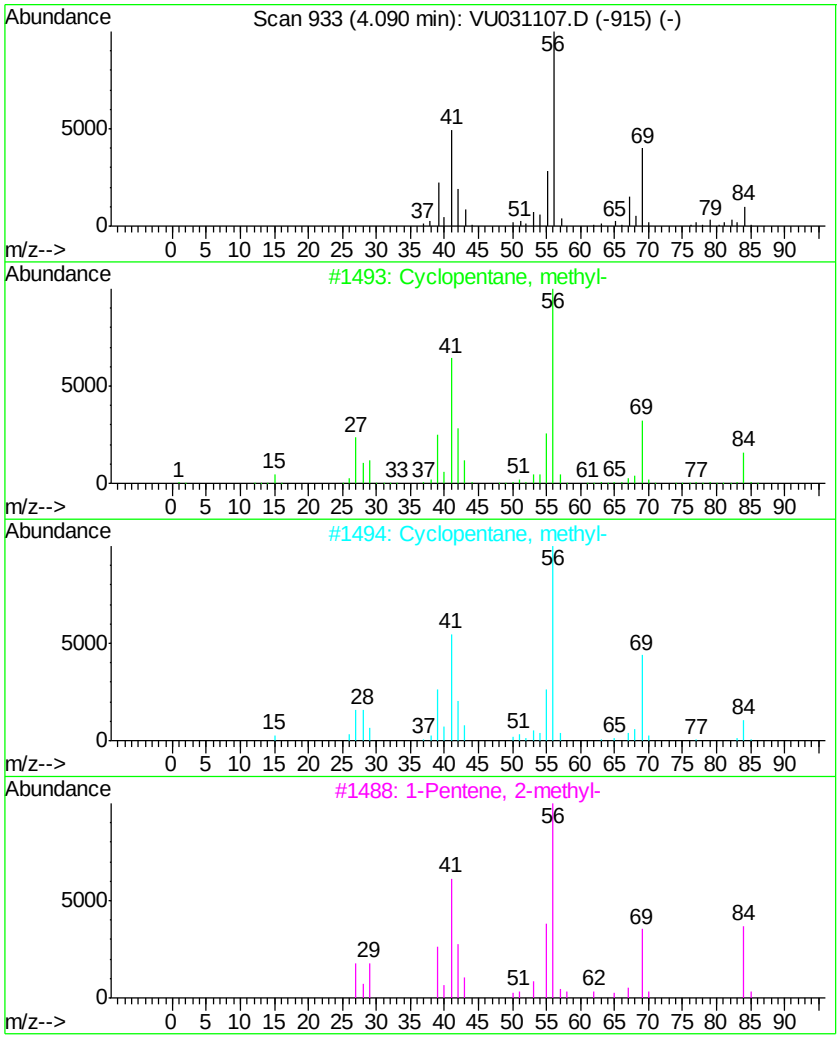
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

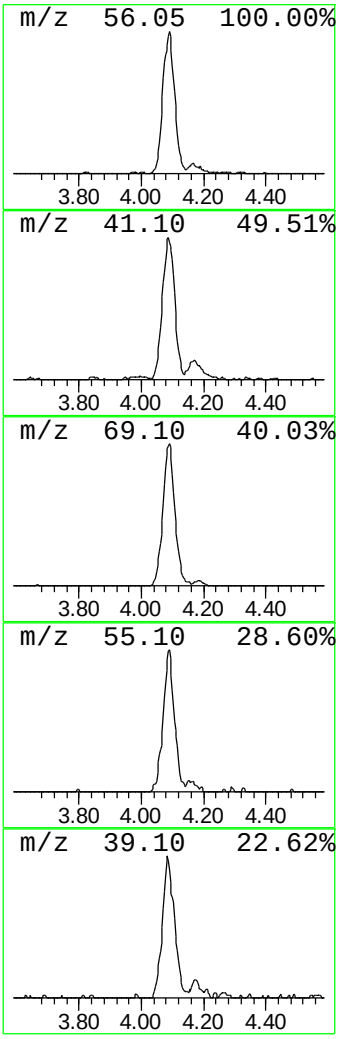
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic4.09 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	8.92 ug/L	230215	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	74
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

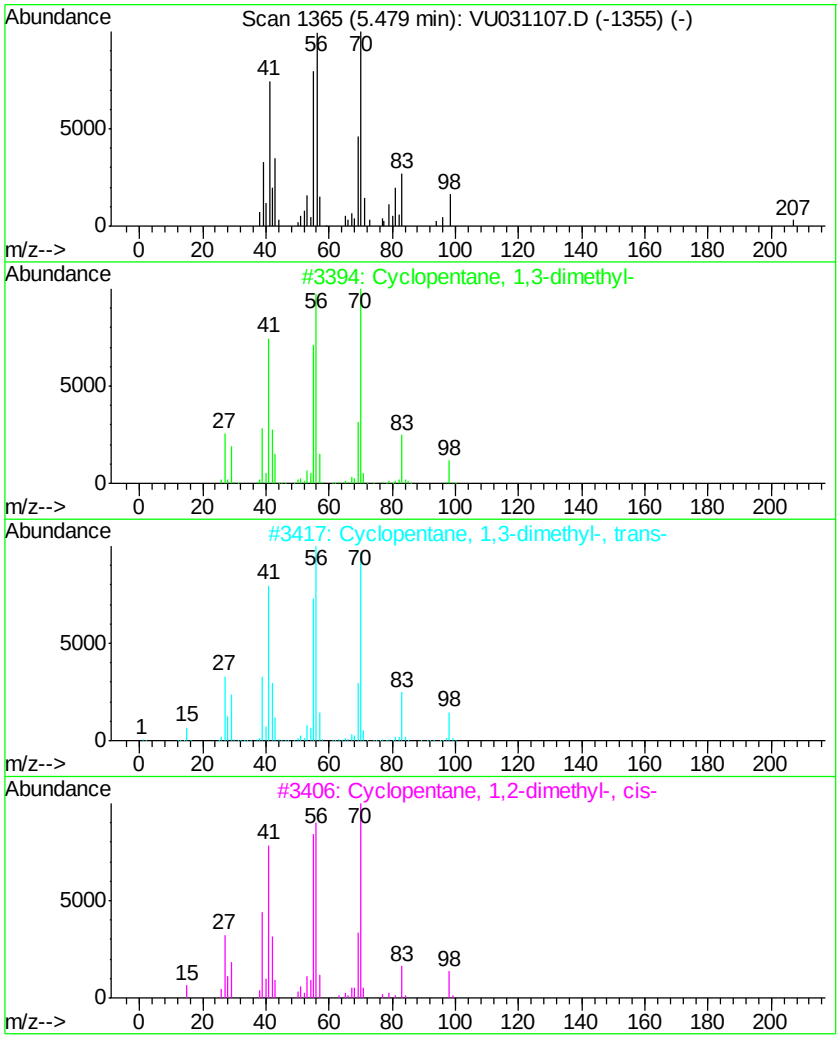
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

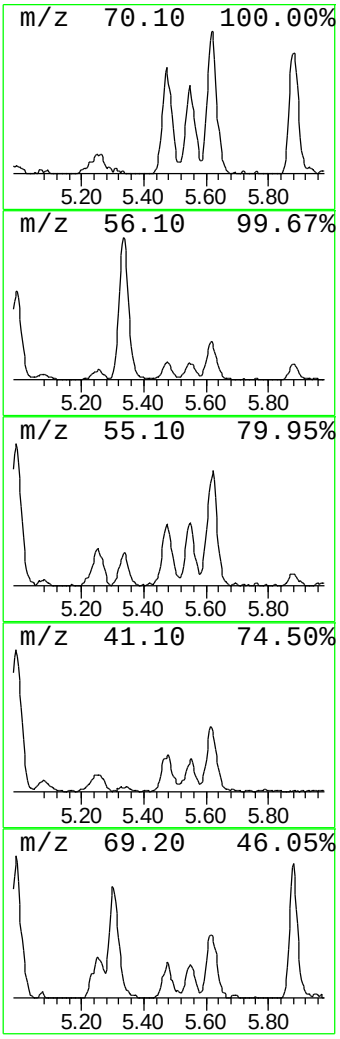
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic5.48 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	2.50 ug/L	64623	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
2	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	87
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	83
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	83
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

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

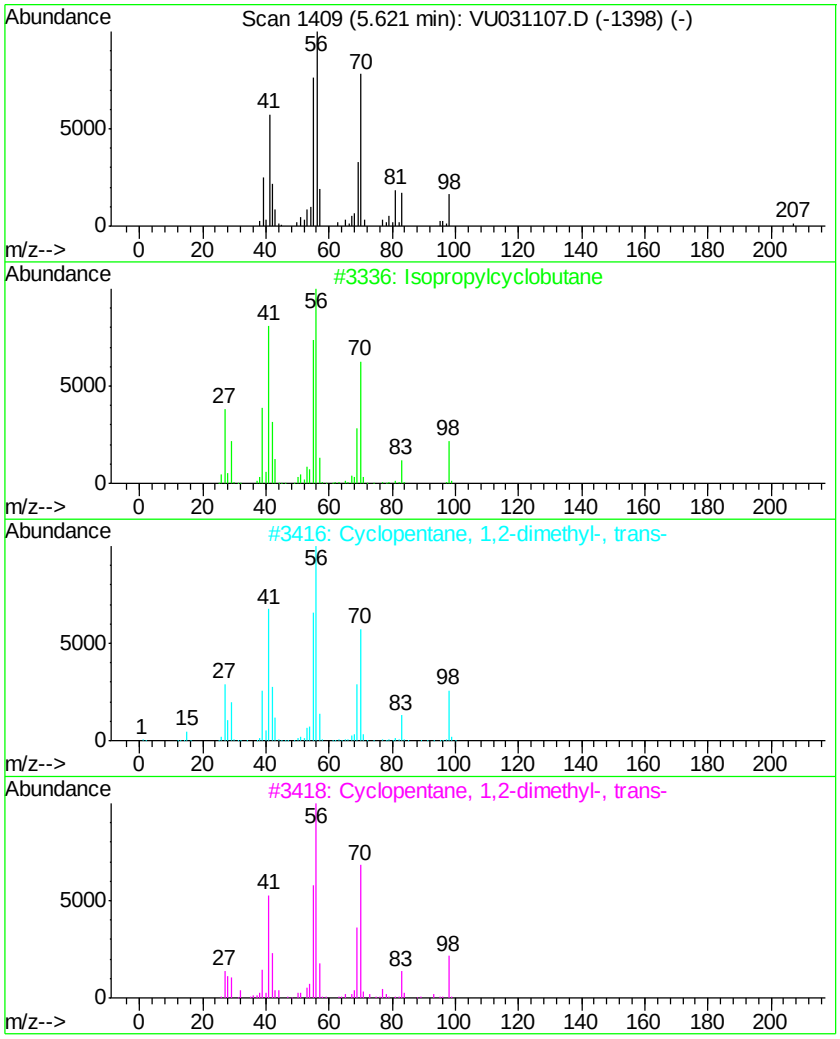
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

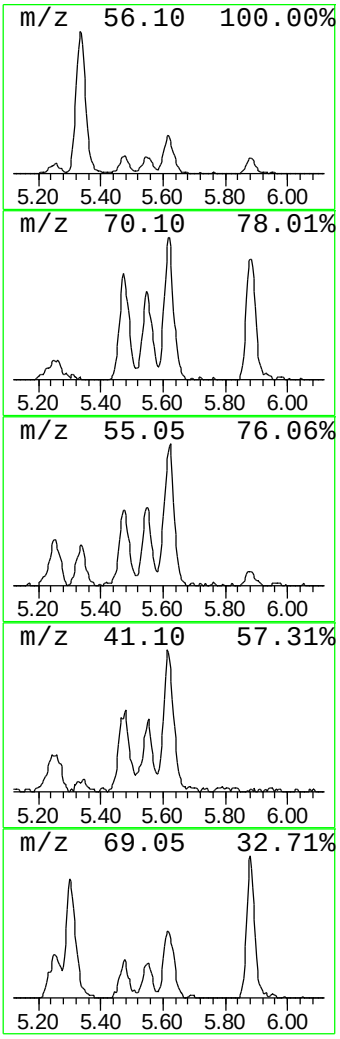
****

Peak Number 3 (DEL) Alkane: Cyclic5.62 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	6.04 ug/L	155906	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	90
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	86
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

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

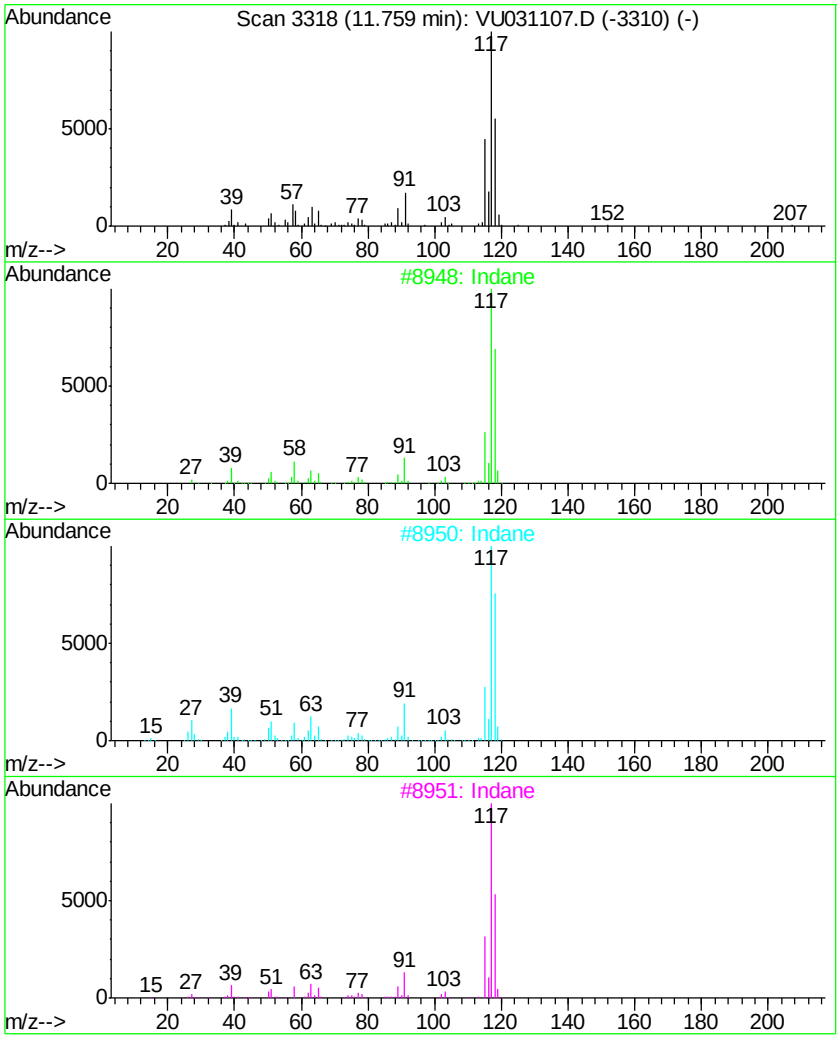
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

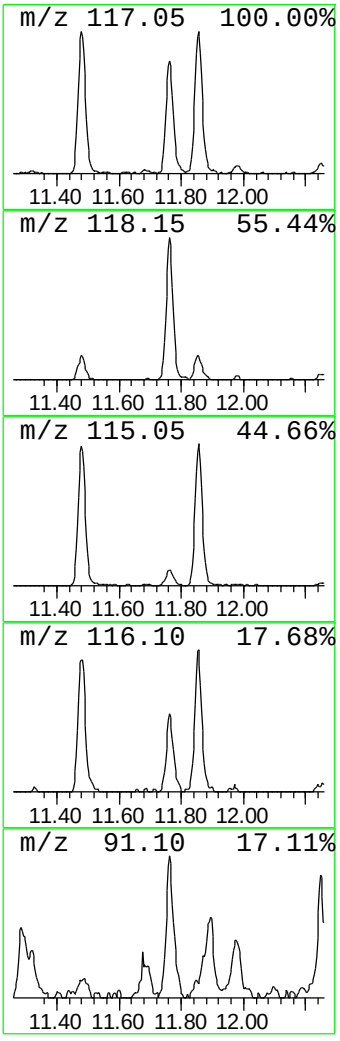
****

Peak Number 5 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	4.67 ug/L	133363	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	92
3	Indane	118	C9H10	000496-11-7	81
4	Indane	118	C9H10	000496-11-7	76
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

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

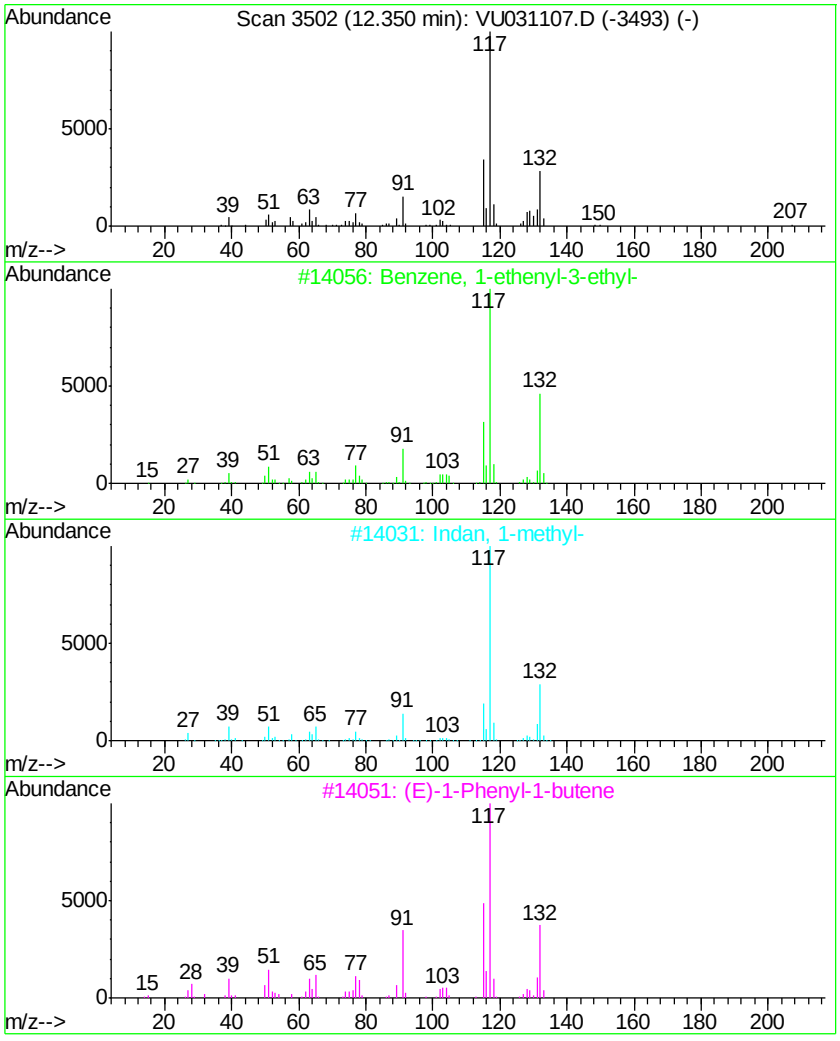
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

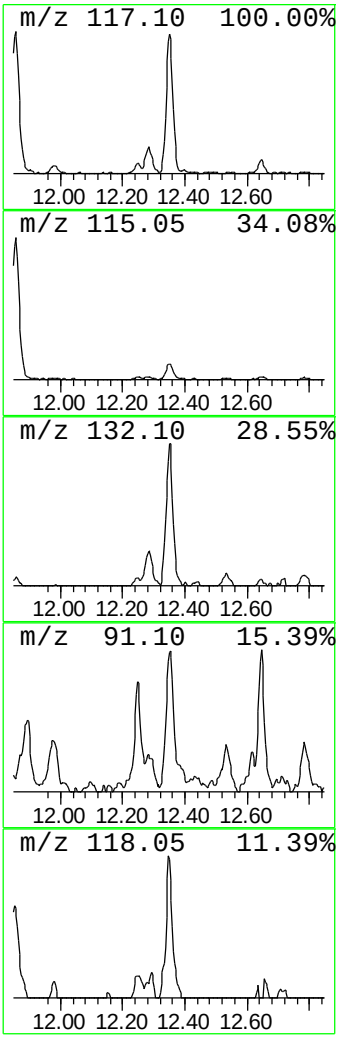
****

Peak Number 6 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	4.87 ug/L	139052	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	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

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

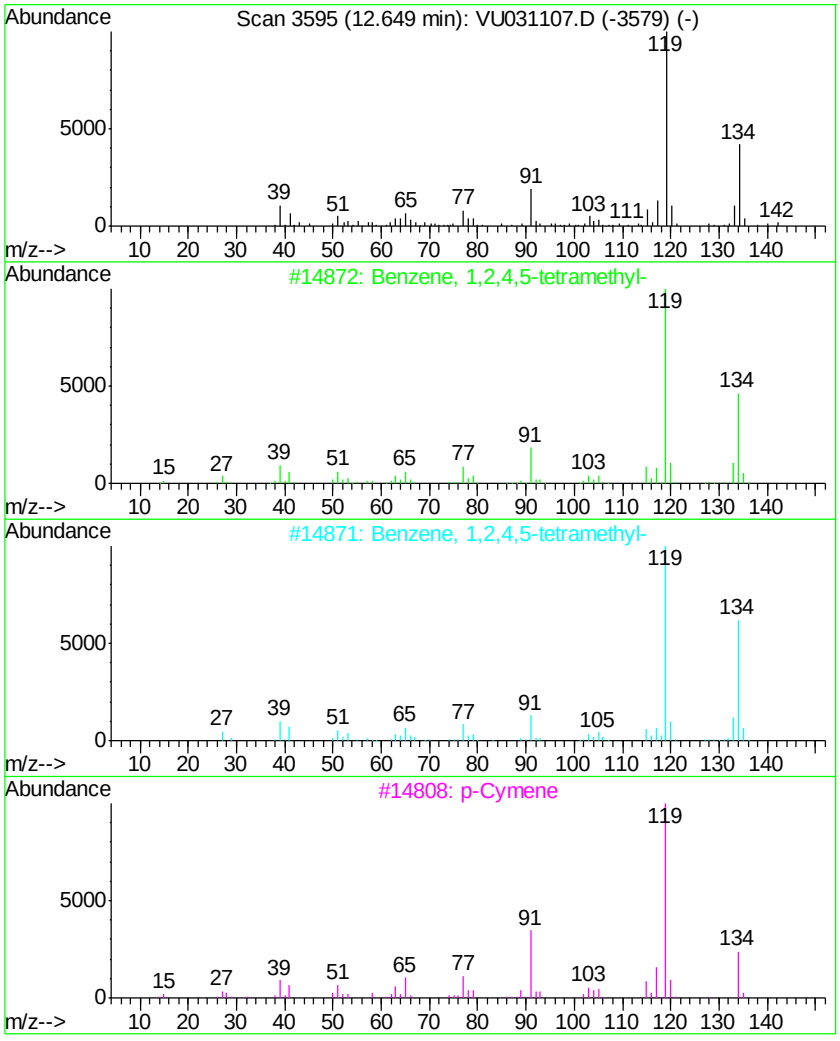
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

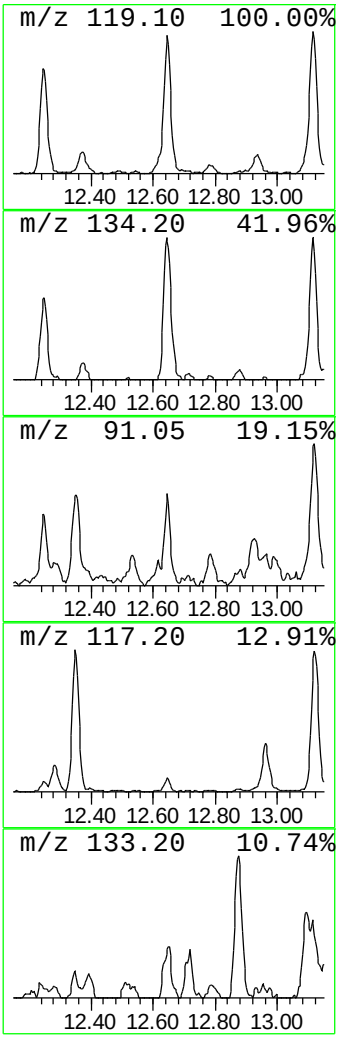
****

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	4.34 ug/L	123956	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	p-Cymene	134	C10H14	000099-87-6	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





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Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

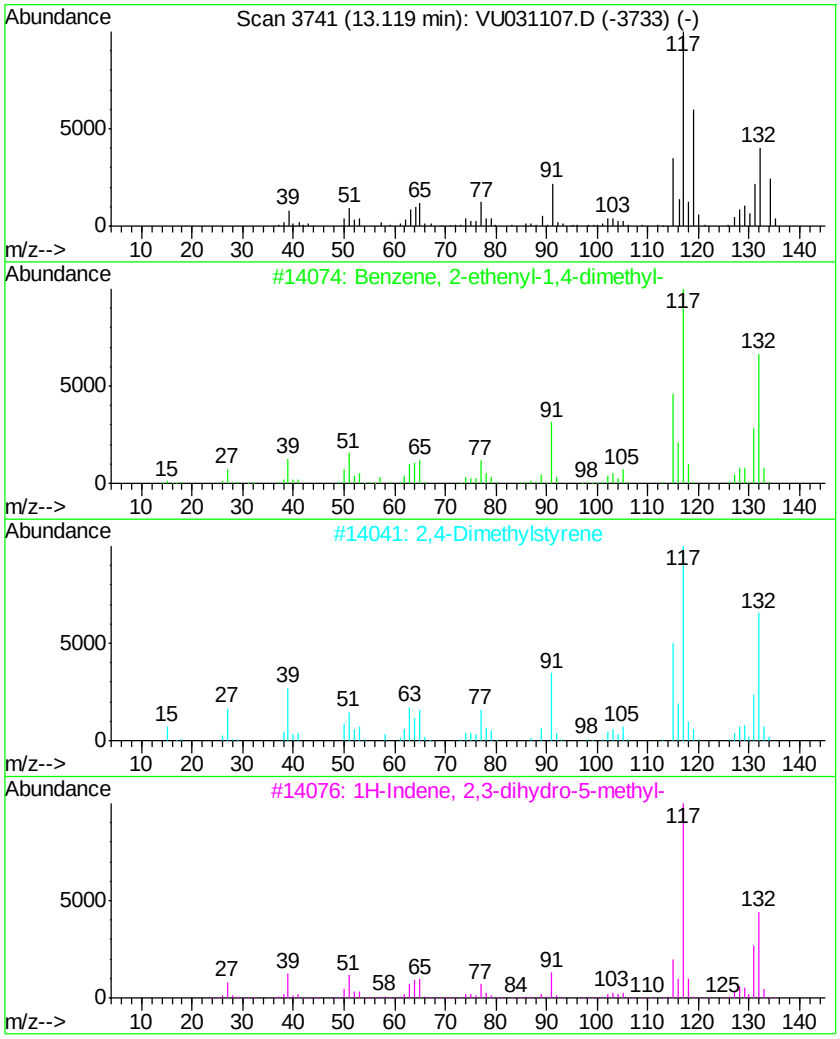
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

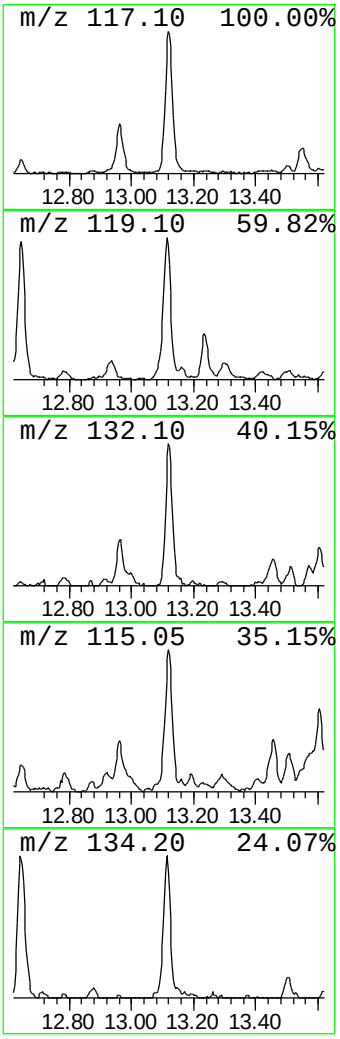
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	6.89 ug/L	196939	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	92
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	89
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	68
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

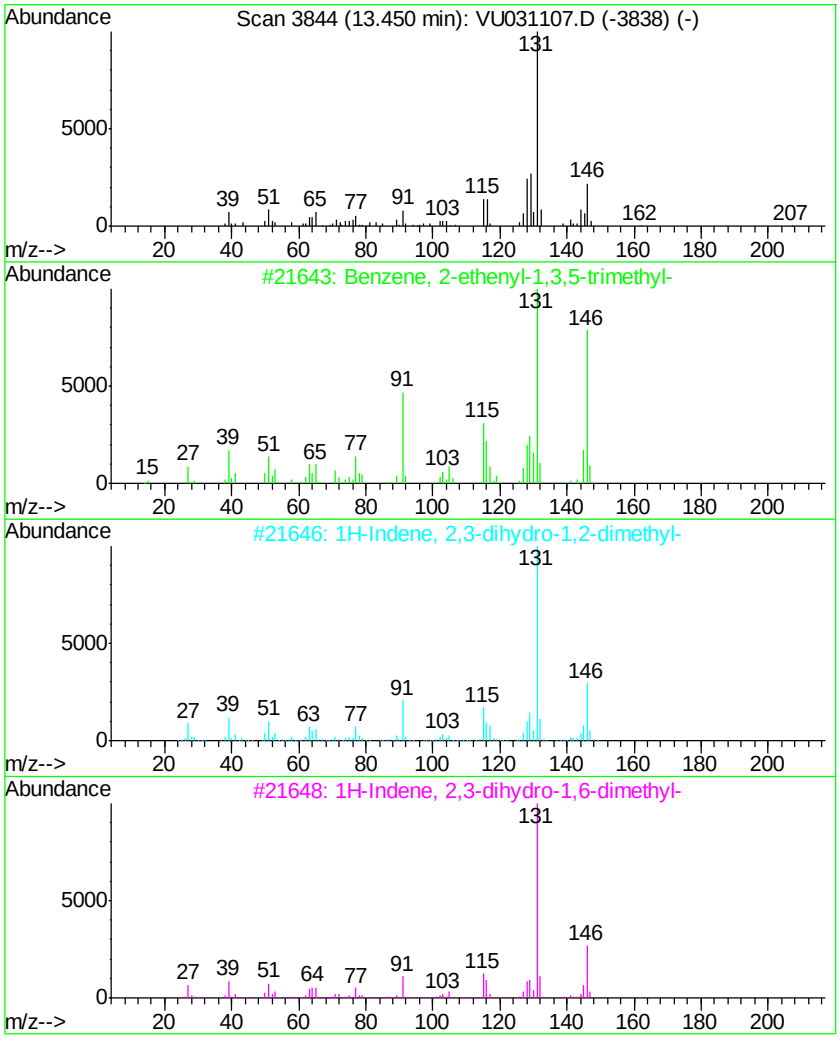
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

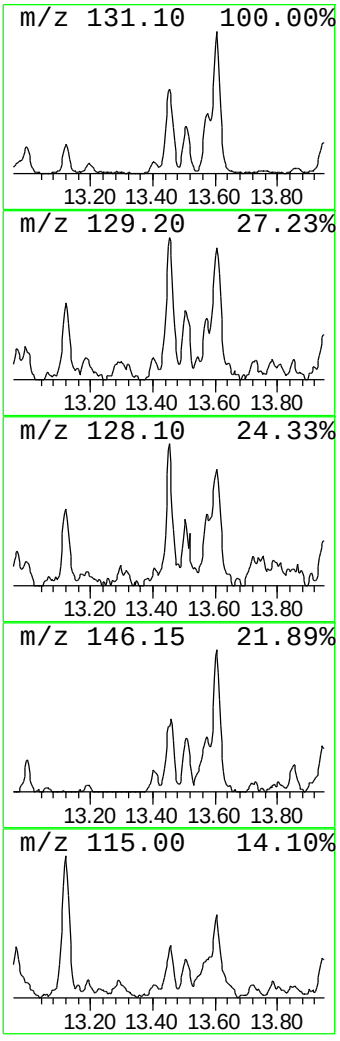
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	2.76 ug/L	78813	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	87
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	74
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	62
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	59





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Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

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

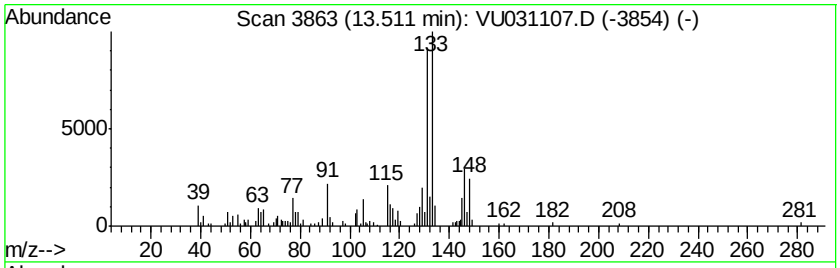
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

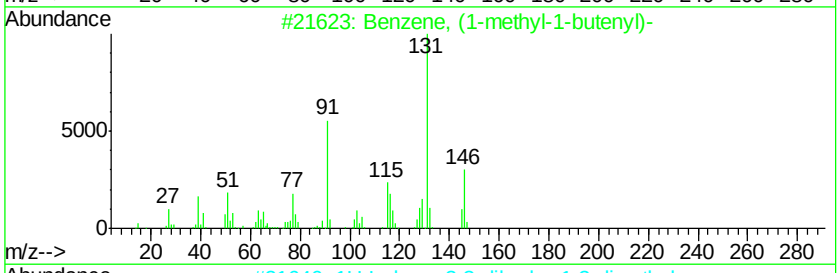
****

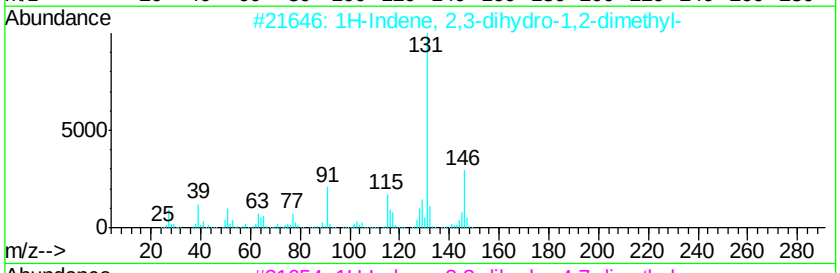
Peak Number 10 Benzene, (1-methyl-1-butenyl)- Concentration Rank 14

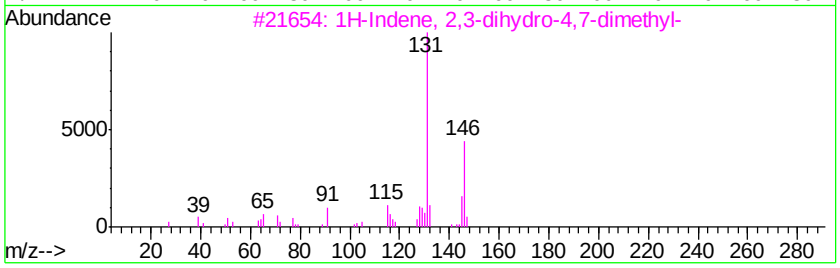
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	2.90 ug/L	82757	1,4-Dichlorobenzene-d4	11.48

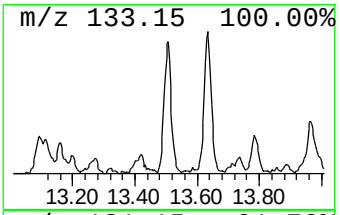
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	78
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	78
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50

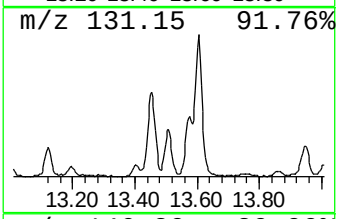


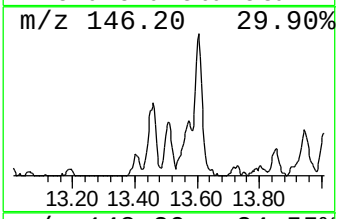


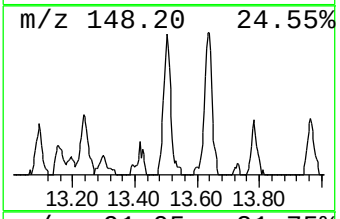


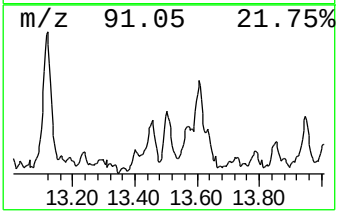












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

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

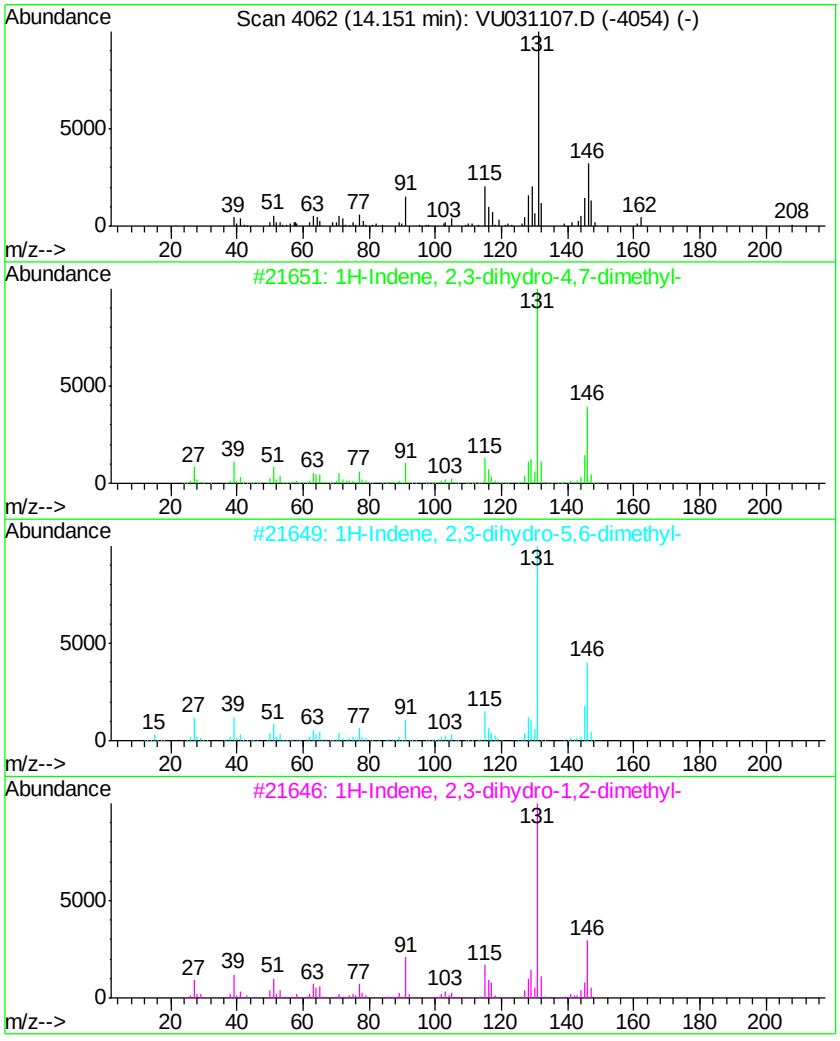
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

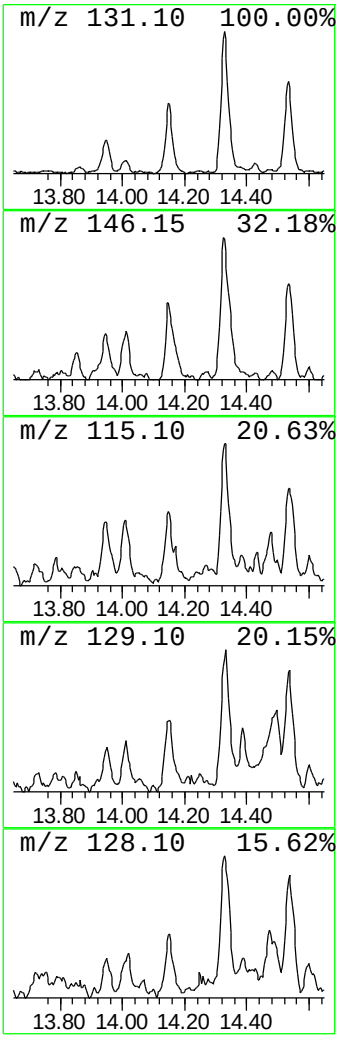
****

Peak Number 11 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	3.49 ug/L	99829	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

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

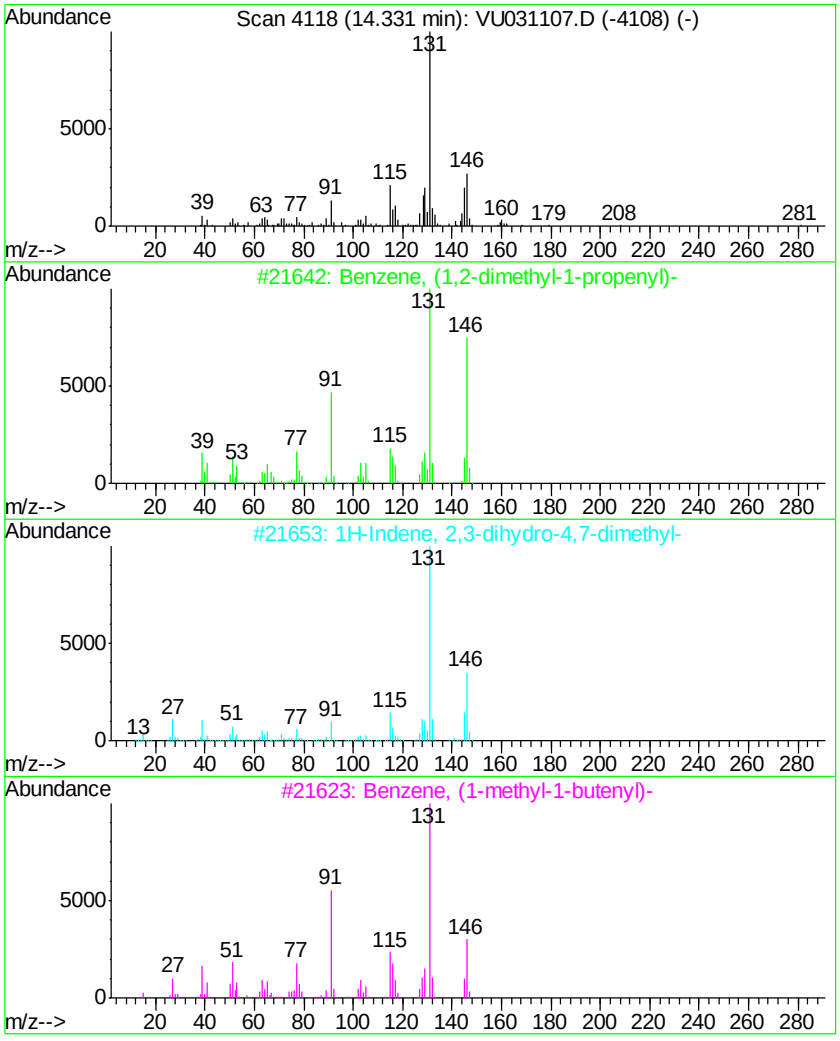
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

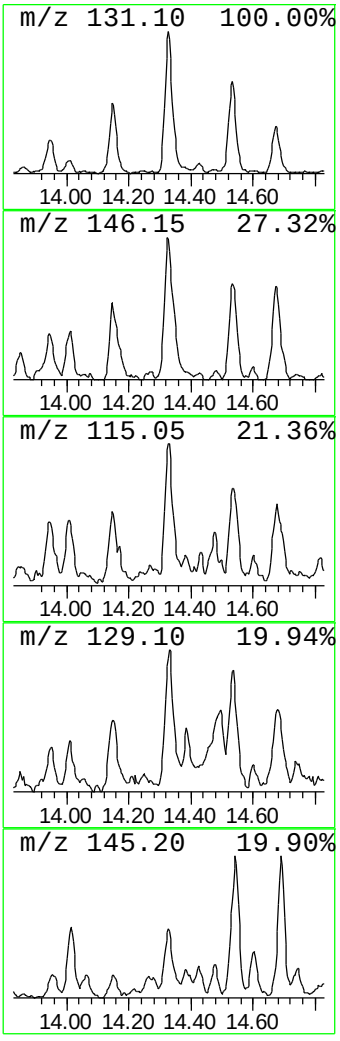
****

Peak Number 12 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	6.76 ug/L	193250	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

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

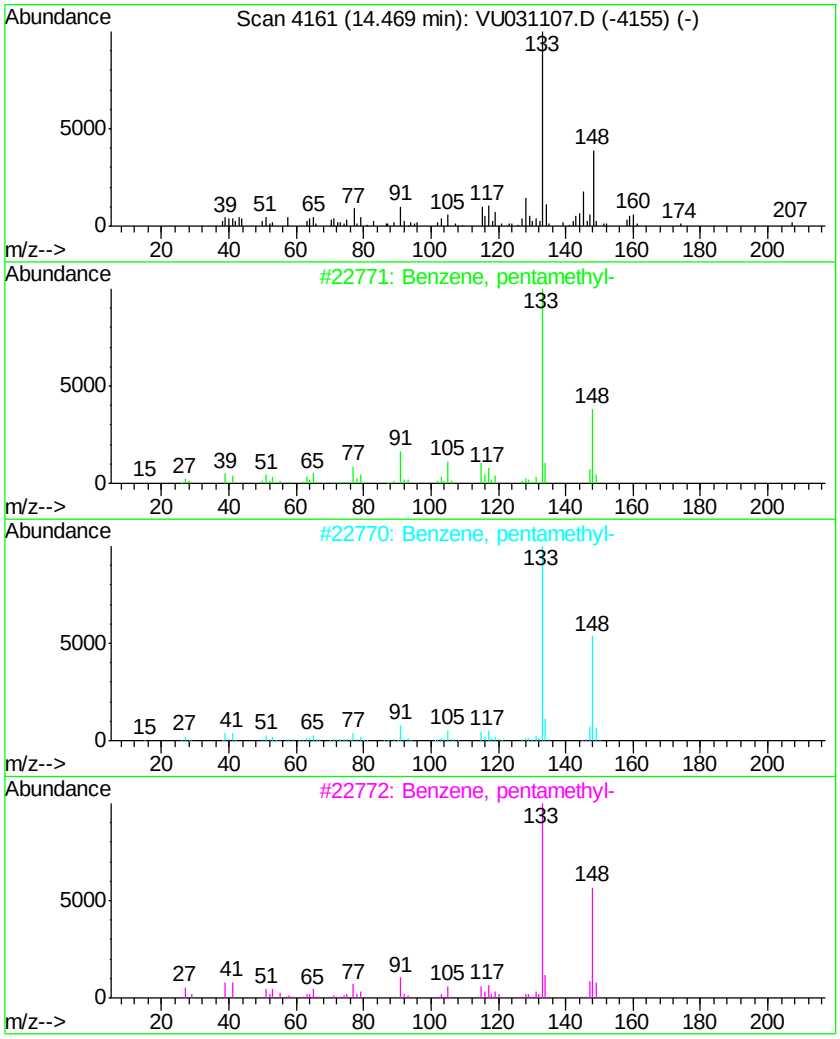
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

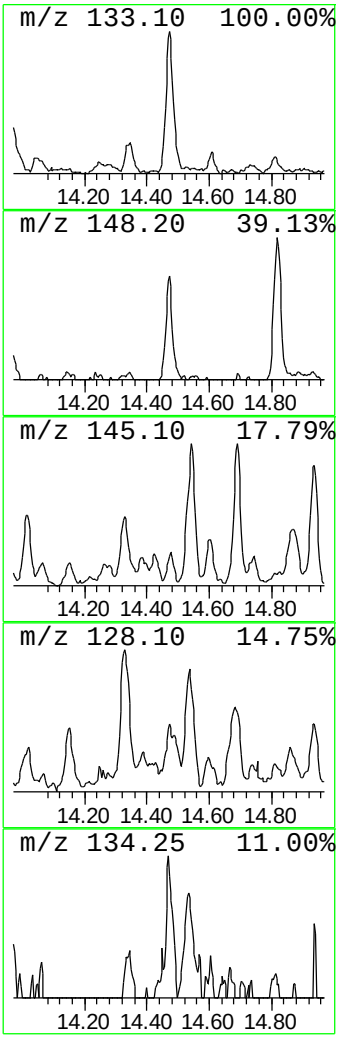
****

Peak Number 13 Benzene, pentamethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.56 ug/L	73151	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	62
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	58
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	58
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	58
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

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

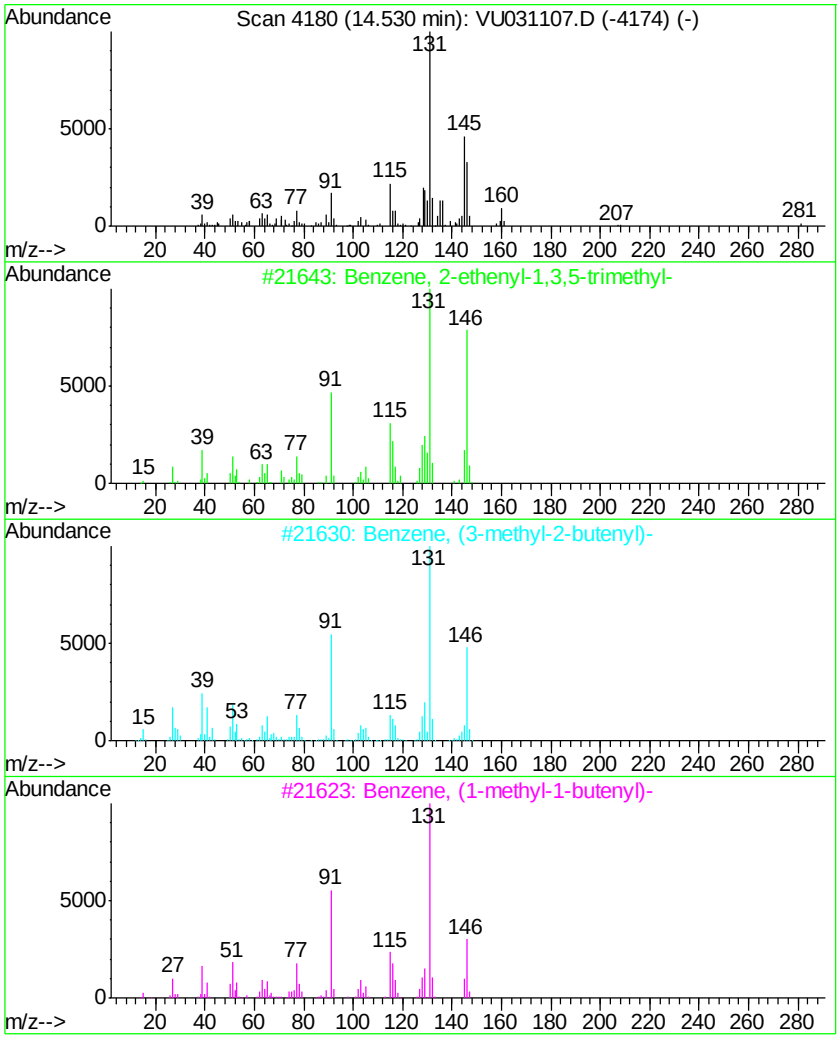
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

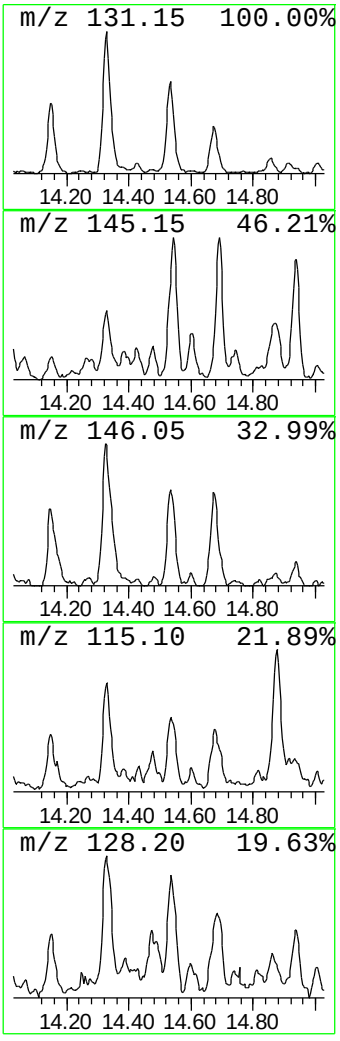
****

Peak Number 14 Benzene, (3-methyl-2-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	5.91 ug/L	168870	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	62
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	53
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	53
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

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

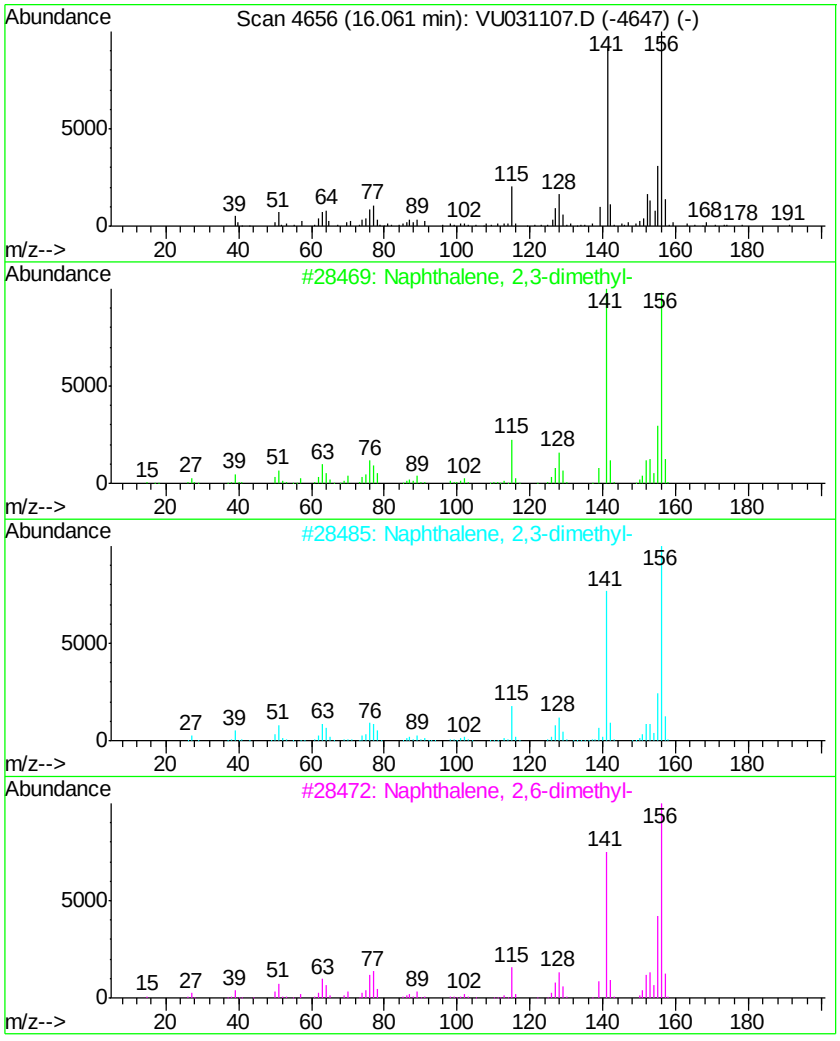
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

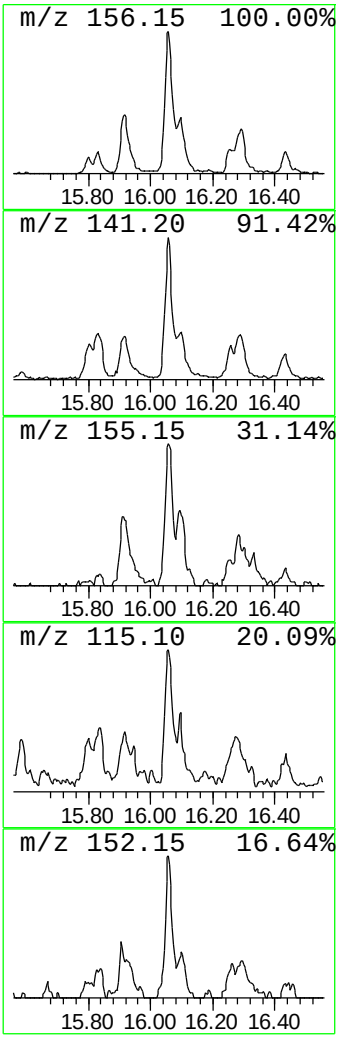
****

Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	5.49 ug/L	156858	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, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031107.D
Acq On : 12 Apr 2019 06:20
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

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
(DEL) Alkane: Cyc...	4.09	8.9	ug/L	230215	1	5.88	1290170	50.0
(DEL) Alkane: Cyc...	5.48	2.5	ug/L	64623	1	5.88	1290170	50.0
(DEL) Alkane: Cyc...	5.62	6.0	ug/L	155906	1	5.88	1290170	50.0
Indane	11.76	4.7	ug/L	133363	3	11.48	1428820	50.0
Benzene, 1-etheny...	12.35	4.9	ug/L	139052	3	11.48	1428820	50.0
Benzene, 1,2,4,5-...	12.65	4.3	ug/L	123956	3	11.48	1428820	50.0
Benzene, 2-etheny...	13.12	6.9	ug/L	196939	3	11.48	1428820	50.0
Benzene, 2-etheny...	13.45	2.8	ug/L	78813	3	11.48	1428820	50.0
Benzene, (1-methy...	13.51	2.9	ug/L	82757	3	11.48	1428820	50.0
1H-Indene, 2,3-di...	14.15	3.5	ug/L	99829	3	11.48	1428820	50.0
Benzene, (1,2-dim...	14.33	6.8	ug/L	193250	3	11.48	1428820	50.0
Benzene, pentamet...	14.47	2.6	ug/L	73151	3	11.48	1428820	50.0
Benzene, (3-methy...	14.53	5.9	ug/L	168870	3	11.48	1428820	50.0
Naphthalene, 2,3-...	16.06	5.5	ug/L	156858	3	11.48	1428820	50.0