LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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	1.177	23	27	39	rVB2	11861	13884	0.02%	0.007%
2	1.396	87	95	114	rBV	163876	265247	0.38%	0.125%
3	1.679	176	183	198	rBV	113349	225460	0.32%	0.107%
4	2.241	348	358	388	rVB	410639	709060	1.01%	0.335%
5	2.473	429	430	434	rVB2	2059	1100	0.00%	0.001%
6	2.515	434	443	449	rBV8	4648	7996	0.01%	0.004%
7	2.637	478	481	482	rBV2	861	513	0.00%	0.000%
8	2.688	486	497	506	rBV5	5636	12475	0.02%	0.006%
9	2.765	518	521	525	rVB4	1204	946	0.00%	0.000%
10	2.830	537	541	542	rBV2	808	648	0.00%	0.000%
11	2.897	557	562	569	rVB7	1415	1751	0.00%	0.001%
12	2.926	569	571	575	rBV5	764	565	0.00%	0.000%
13	2.955	575	580	582	rBV3	711	630	0.00%	0.000%
14	2.994	589	592	595	rBV2	894	683	0.00%	0.000%
15	3.026	596	602	605	rBV4	994	1128	0.00%	0.001%
16	3.096	620	624	627	rBV2	623	603	0.00%	0.000%
17	3.270	674	678	681	rBV4	1274	1274	0.00%	0.001%
18	3.534	757	760	767	rVB3	660	591	0.00%	0.000%
19	3.572	767	772	776	rBV3	851	979	0.00%	0.000%
20	3.733	816	822	825	rBV3	626	715	0.00%	0.000%
21	3.759	826	830	833	rVB4	620	500	0.00%	0.000%
22	3.823	842	850	853	rBV3	553	844	0.00%	0.000%
23	4.084	926	931	934	rBV3	559	573	0.00%	0.000%
24	4.209	957	970	1010	rBV	86117	445667	0.63%	0.211%
25	4.643	1087	1105	1138	rBV	261464	720799	1.02%	0.341%
26	4.836	1163	1165	1168	rBV3	918	483	0.00%	0.000%
27	4.977	1204	1209	1210	rBV3	786	681	0.00%	0.000%
28	5.106	1248	1249	1256	rVB3	867	701	0.00%	0.000%
29	5.141	1256	1260	1262	rBV3	1077	870	0.00%	0.000%
30	5.164	1265	1267	1273	rVB3	664	631	0.00%	0.000%
31	5.219	1281	1284	1289	rVB4	910	543	0.00%	0.000%
32	5.328	1295	1318	1349	rBV2	632003	1840302	2.61%	0.870%
33	5.550	1383	1387	1390	rBV3	906	749	0.00%	0.000%
34	5.575	1390	1395	1398	rBV5	992	995	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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	5.608	1402	1405	1407	rBV3	1215	905	0.00%	0.000%
36	5.881	1475	1490	1523	rBV	590389	1380938	1.96%	0.653%
37	6.164	1573	1578	1580	rBV3	4137	3938	0.01%	0.002%
38	6.328	1615	1629	1654	rBV2	351923	817335	1.16%	0.386%
39	6.720	1747	1751	1757	rVB2	928	1083	0.00%	0.001%
40	6.781	1767	1770	1774	rVB2	707	526	0.00%	0.000%
41	6.862	1788	1795	1800	rBV5	939	1487	0.00%	0.001%
42	6.891	1801	1804	1805	rBV2	1439	698	0.00%	0.000%
43	6.907	1806	1809	1812	rBV4	1630	1045	0.00%	0.000%
44	7.100	1863	1869	1872	rBV4	1264	1353	0.00%	0.001%
45	7.141	1878	1882	1883	rBV2	852	645	0.00%	0.000%
46	7.180	1889	1894	1897	rBV5	1151	1236	0.00%	0.001%
47	7.228	1897	1909	1935	rBV	230333	519921	0.74%	0.246%
48	7.437	1970	1974	1980	rVV6	1231	1655	0.00%	0.001%
49	7.489	1986	1990	1992	rBV2	796	582	0.00%	0.000%
50	7.505	1992	1995	1998	rBV3	985	524	0.00%	0.000%
51	7.563	1998	2013	2053	rBV	893830	1831642	2.60%	0.866%
52	7.852	2092	2103	2128	rBV	145576	344505	0.49%	0.163%
53	8.038	2158	2161	2163	rBV3	1864	870	0.00%	0.000%
54	8.145	2190	2194	2195	rBV3	1185	648	0.00%	0.000%
55	8.170	2198	2202	2204	rBV4	2476	1564	0.00%	0.001%
56	8.228	2212	2220	2231	rVB9	6694	11030	0.02%	0.005%
57	8.344	2240	2256	2283	rBV	477307	1358708	1.93%	0.642%
58	8.595	2330	2334	2338	rBV6	2372	2399	0.00%	0.001%
59	9.093	2475	2489	2519	rBV	926290	1885500	2.67%	0.891%
60	9.370	2567	2575	2588	rBV5	38782	71434	0.10%	0.034%
61	9.521	2617	2622	2625	rBV6	1820	1931	0.00%	0.001%
62	9.562	2632	2635	2640	rBV6	2085	1697	0.00%	0.001%
63	9.691	2672	2675	2678	rBV5	1144	632	0.00%	0.000%
64	9.810	2698	2712	2720	rBV6	12181	30732	0.04%	0.015%
65	10.038	2780	2783	2784	rBV3	3346	2176	0.00%	0.001%
66	10.437	2896	2907	2936	rVB	642641	1107865	1.57%	0.524%
67	10.688	2978	2985	2986	rBV4	22393	22894	0.03%	0.011%
68	10.755	2997	3006	3017	rBV3	146098	269160	0.38%	0.127%
69	10.813	3017	3024	3047	rVB2	114487	194396	0.28%	0.092%
70	11.485	3223	3233	3253	rBV	1105358	1807776	2.56%	0.855%
71	11.861	3340	3350	3368	rBV2	1080762	1999558	2.84%	0.945%

LSC Area Percent Report

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Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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	11.974	3378	3385	3392	rBV3	238804	352724	0.50%	0.167%
73	12.022	3393	3400	3409	rVB	628243	853803	1.21%	0.404%
74	12.148	3432	3439	3442	rBV	103679	145040	0.21%	0.069%
75	12.225	3457	3463	3465	rBV3	127661	150192	0.21%	0.071%
76	12.305	3481	3488	3498	rVB2	171832	296159	0.42%	0.140%
77	12.424	3517	3525	3535	rVB	850393	1250654	1.77%	0.591%
78	12.485	3537	3544	3558	rVB4	253309	445370	0.63%	0.211%
79	12.701	3603	3611	3631	rBV3	488832	1165171	1.65%	0.551%
80	12.823	3642	3649	3662	rBV3	599367	967392	1.37%	0.457%
81	13.080	3723	3729	3733	rBV2	253576	322676	0.46%	0.153%
82	13.122	3734	3742	3756	rVV2	1667535	2476173	3.51%	1.171%
83	13.279	3784	3791	3810	rVB8	600670	1181981	1.68%	0.559%
84	13.366	3812	3818	3825	rVB	349897	443852	0.63%	0.210%
85	14.138	4051	4058	4065	rBV2	900383	1310914	1.86%	0.620%
86	14.337	4111	4120	4128	rBV3	1176264	2015106	2.86%	0.953%
87	14.729	4237	4242	4258	rVB2	591516	1052574	1.49%	0.498%
88	14.877	4276	4288	4302	rBV2	44695744	70498849	100.00%	33.331%
89	15.061	4333	4345	4362	rBV	17761017	27763577	39.38%	13.126%
90	15.604	4505	4514	4524	rBV	2507726	3671059	5.21%	1.736%
91	15.794	4565	4573	4581	rBV	3813629	5622304	7.98%	2.658%
92	15.913	4597	4610	4627	rBV	17178565	28578542	40.54%	13.512%
93	16.057	4644	4655	4662	rBV	13235251	20983845	29.76%	9.921%
94	16.186	4685	4695	4707	rVV	3369345	5192539	7.37%	2.455%
95	16.282	4708	4725	4748	rVB	3379749	8346001	11.84%	3.946%
96	16.427	4761	4770	4782	rBV	1499756	2371845	3.36%	1.121%
97	16.524	4790	4800	4817	rVB2	2362456	4433247	6.29%	2.096%
98	16.626	4827	4832	4843	rVB2	529632	787017	1.12%	0.372%
99	17.163	4991	4999	5010	rVV2	372332	600236	0.85%	0.284%
100	17.225	5012	5018	5029	rVB2	188851	291813	0.41%	0.138%

Sum of corrected areas: 211512229

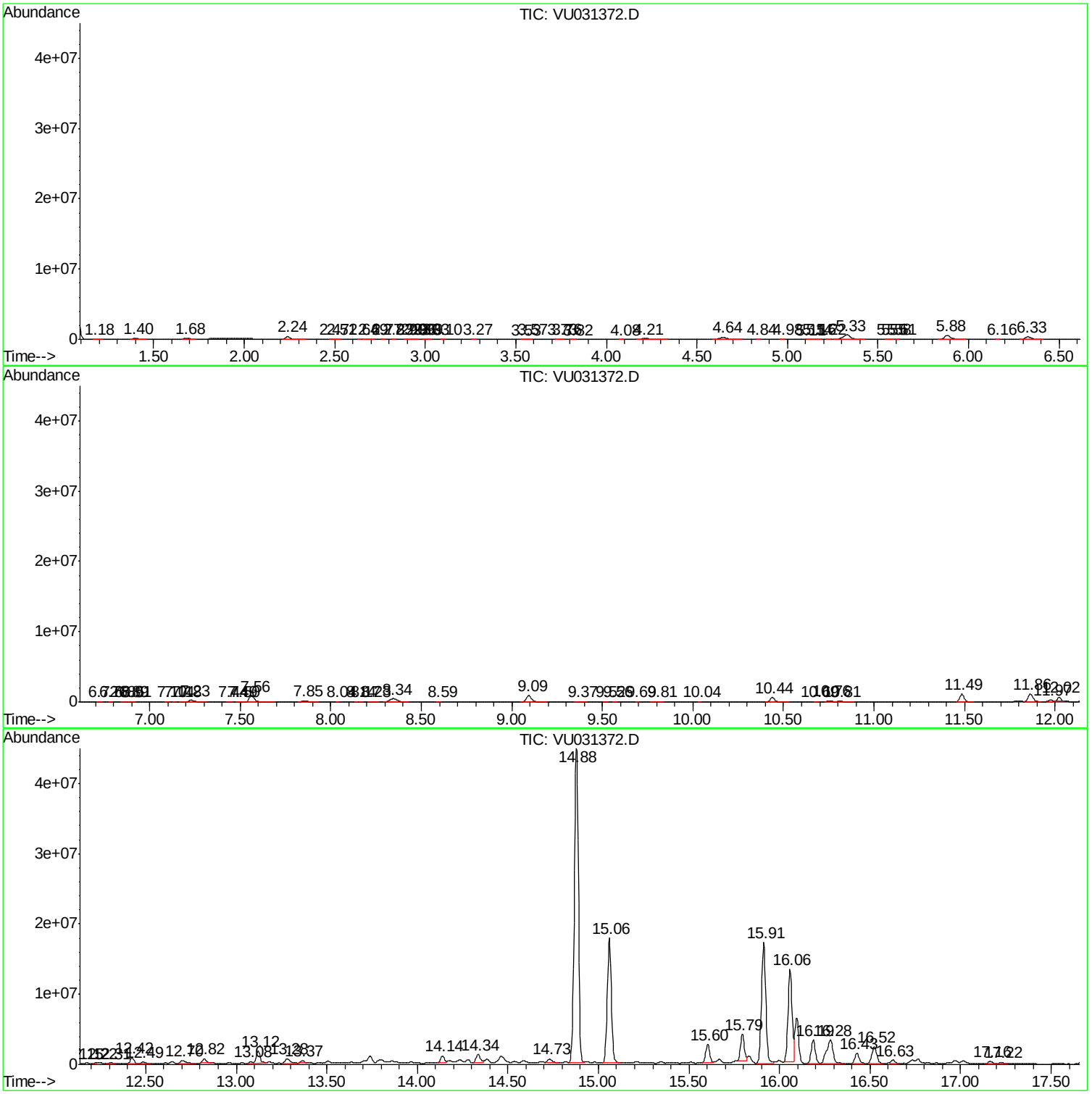
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\
Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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

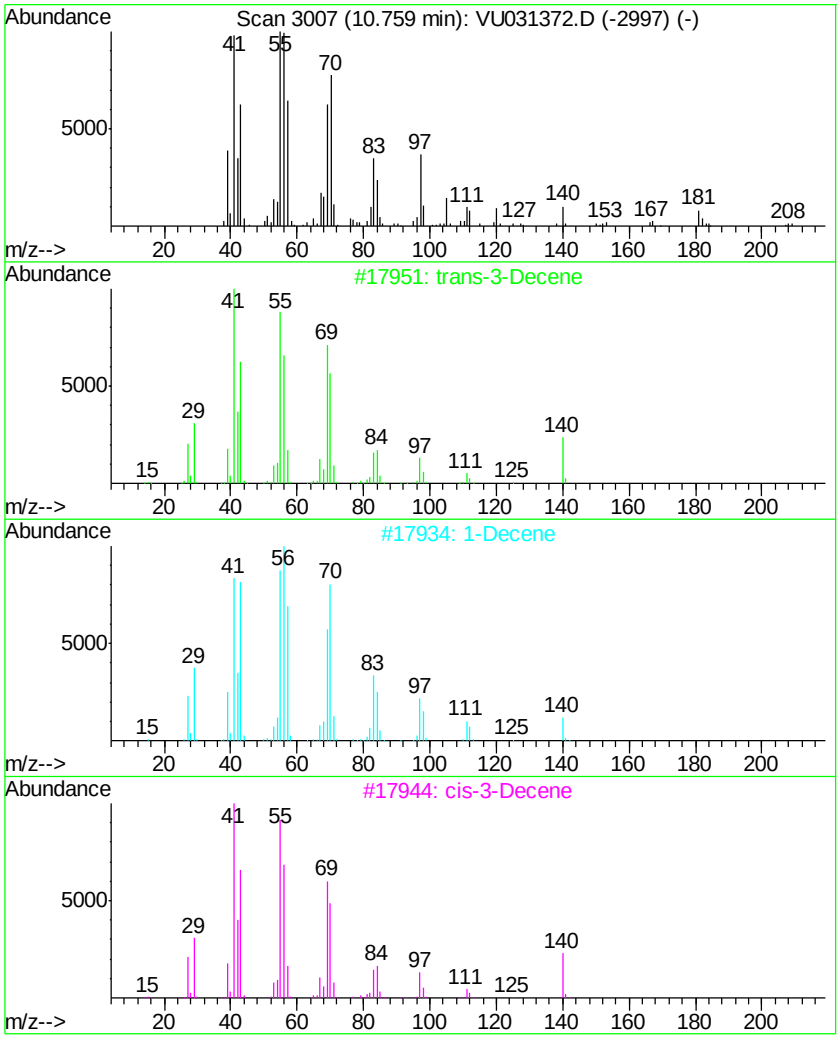
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

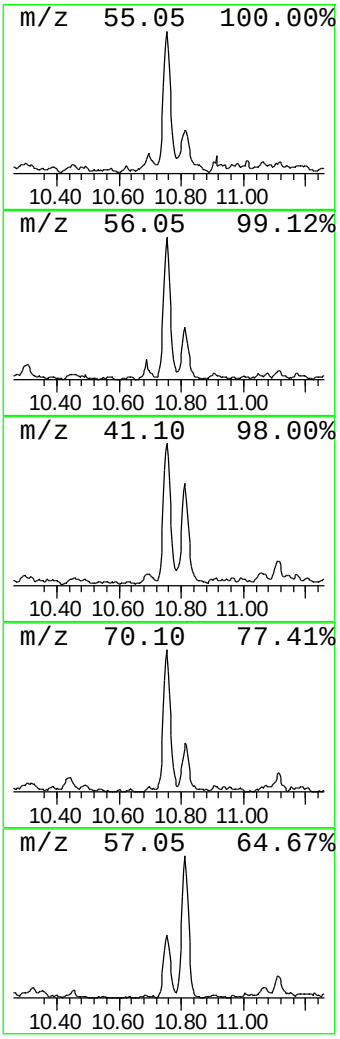
****

Peak Number 2 (DEL) Alkane: Cyclic10.76 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	7.44 ug/L	269160	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-3-Decene	140	C10H20	019150-21-1	90
2	1-Decene	140	C10H20	000872-05-9	90
3	cis-3-Decene	140	C10H20	019398-86-8	90
4	cis-3-Decene	140	C10H20	019398-86-8	90
5	Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\
Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

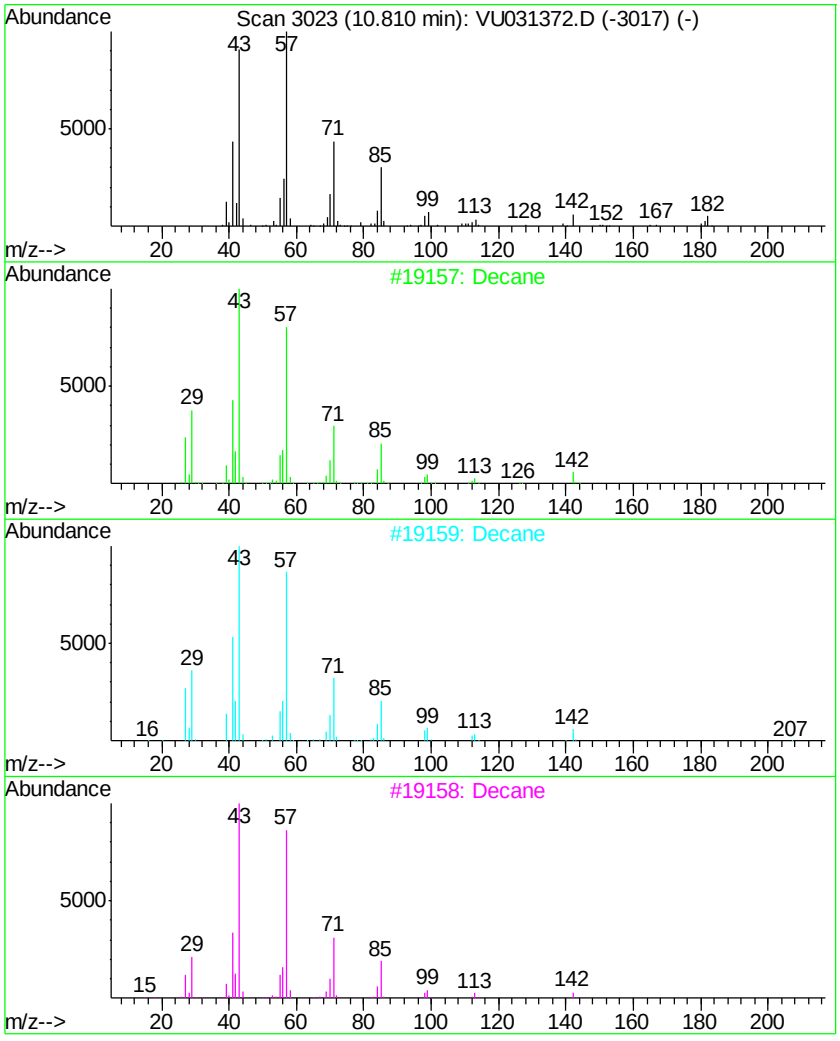
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

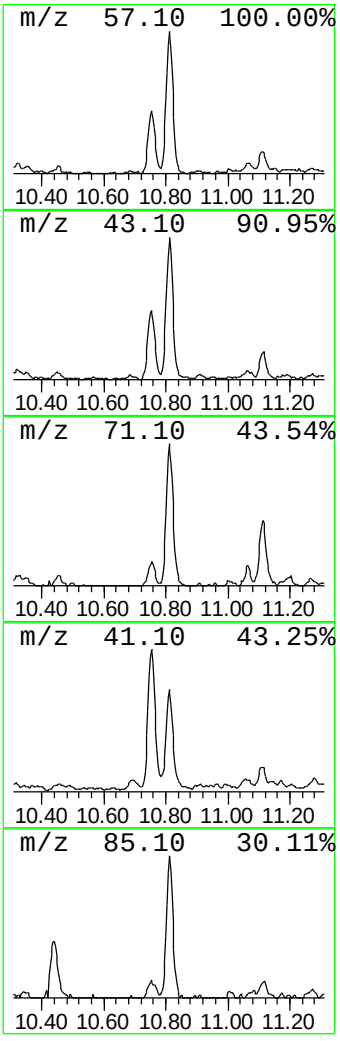
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	5.38 ug/L	194396	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Decane	142	C10H22	000124-18-5	91
3	Decane	142	C10H22	000124-18-5	91
4	Undecane	156	C11H24	001120-21-4	78
5	Nonane	128	C9H20	000111-84-2	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\
Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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

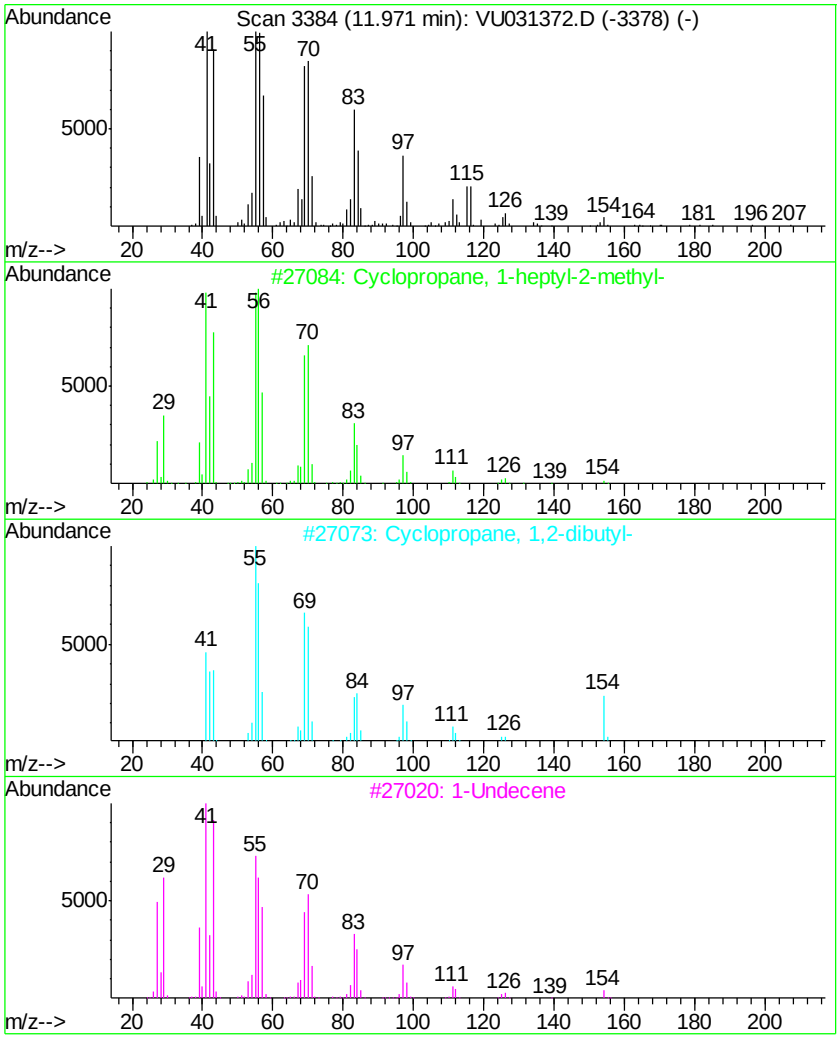
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

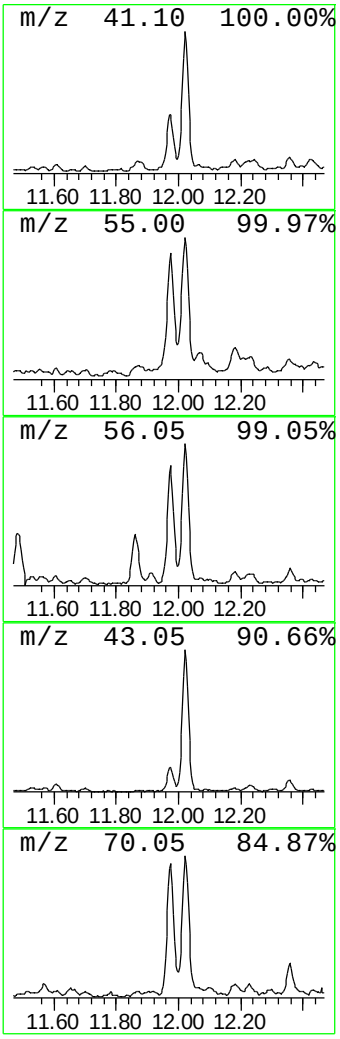
****

Peak Number 4 (DEL) Alkane: Cyclic11.97 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	9.76 ug/L	352724	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-heptyl-2-methyl-	154	C11H22	074663-91-5	94
2	Cyclopropane, 1,2-dibutyl-	154	C11H22	041977-32-6	91
3	1-Undecene	154	C11H22	000821-95-4	90
4	2-Dodecene, (Z)-	168	C12H24	007206-26-0	87
5	2-Dodecene, (Z)-	168	C12H24	007206-26-0	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\
Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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

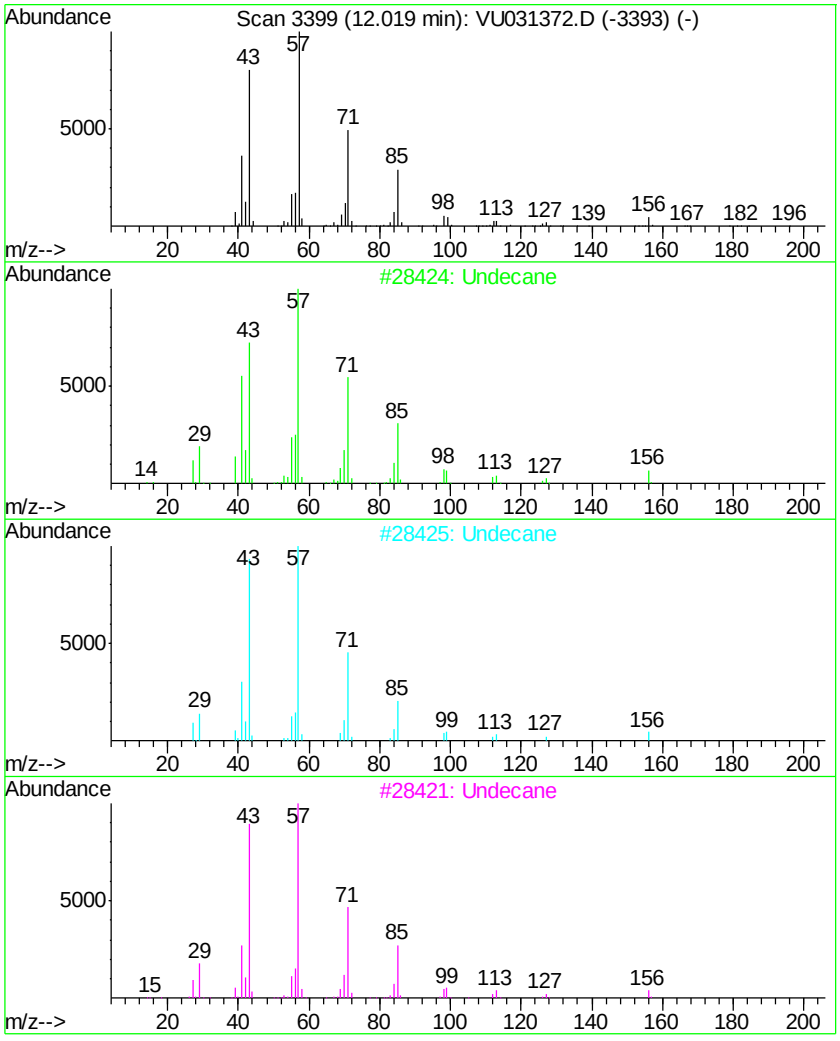
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

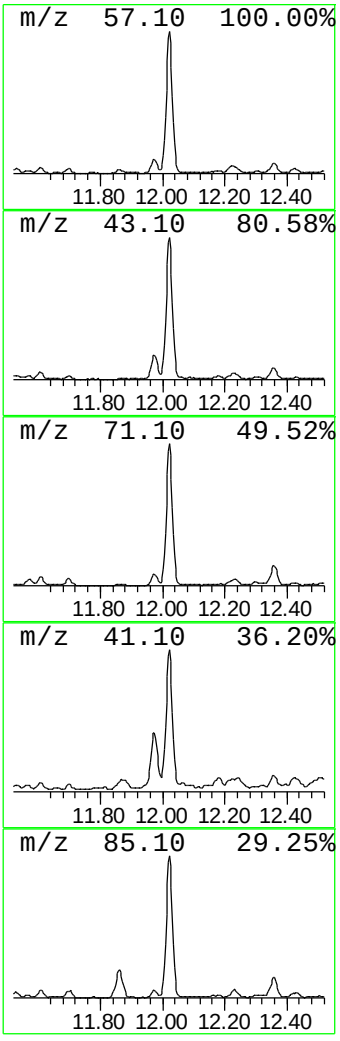
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	23.61 ug/L	853803	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Undecane	156	C11H24	001120-21-4	93
3	Undecane	156	C11H24	001120-21-4	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Dodecane	170	C12H26	000112-40-3	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\
Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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

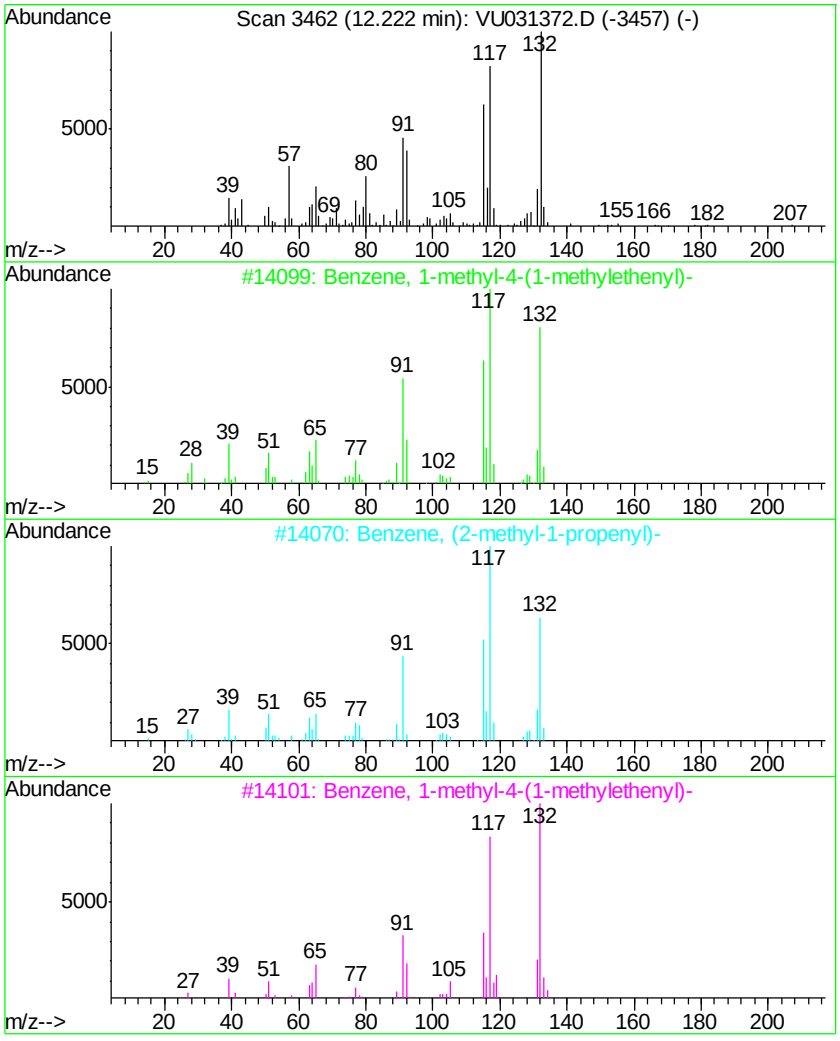
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

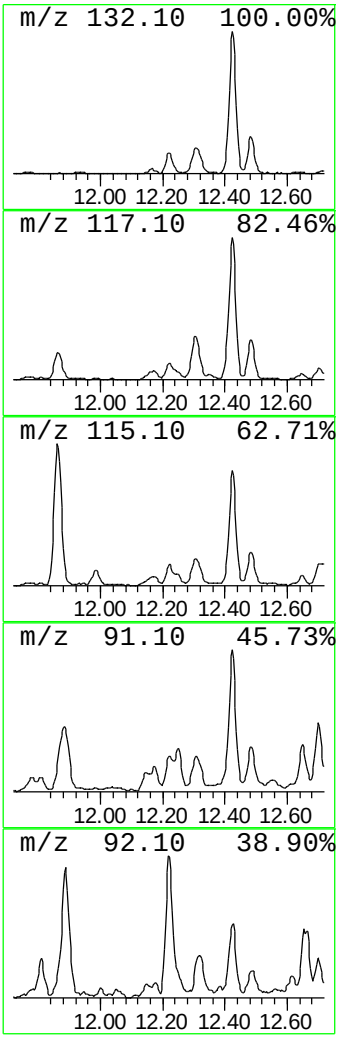
****

Peak Number 7 Benzene, 1-methyl-4-(1-meth... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	4.15 ug/L	150192	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	95
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
3	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	92
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	76





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Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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

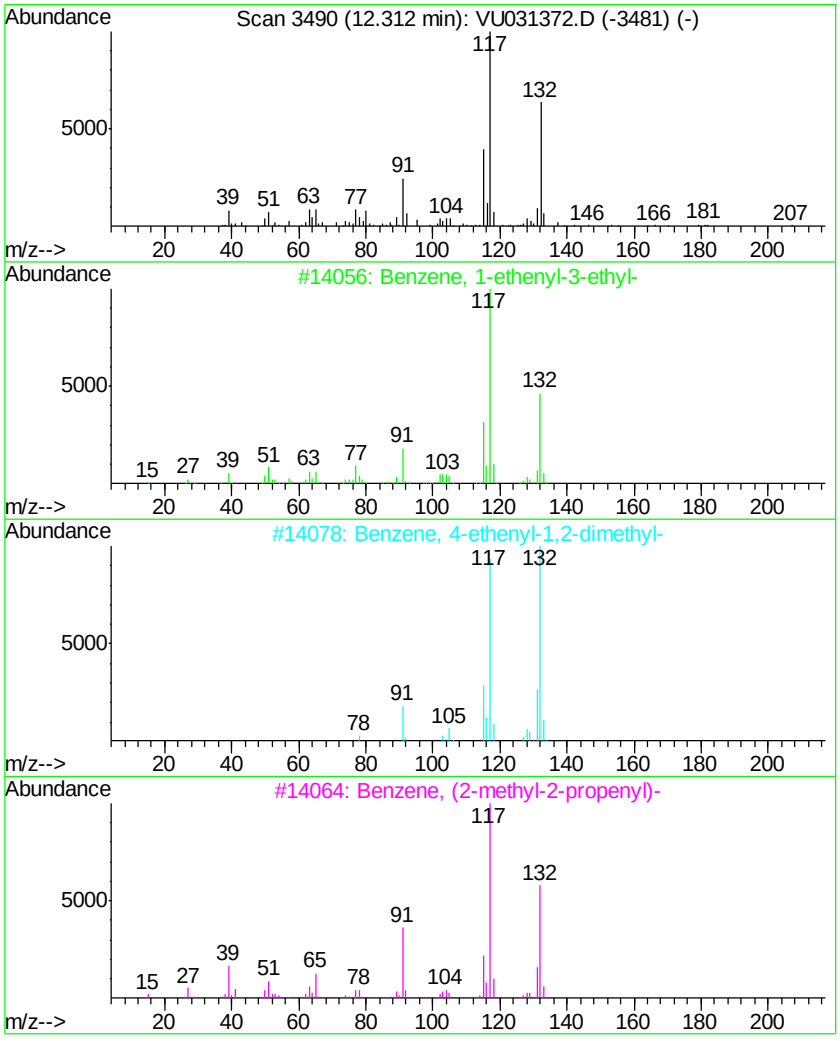
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

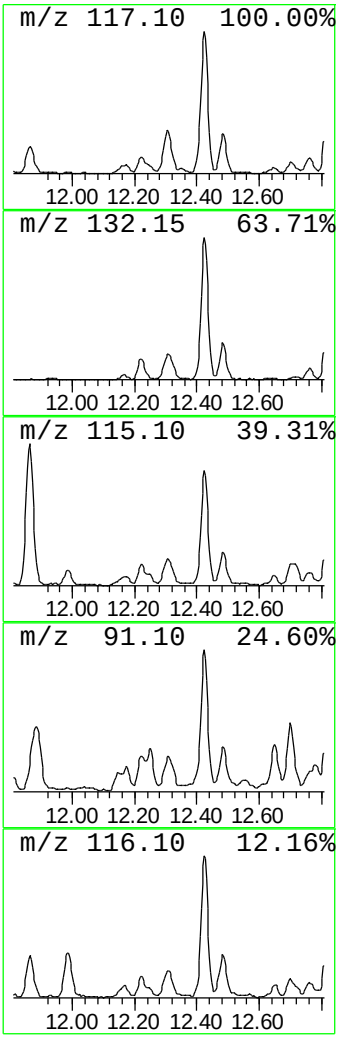
****

Peak Number 8 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	8.19 ug/L	296159	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	96
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	91
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Library Search Compound Report

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Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

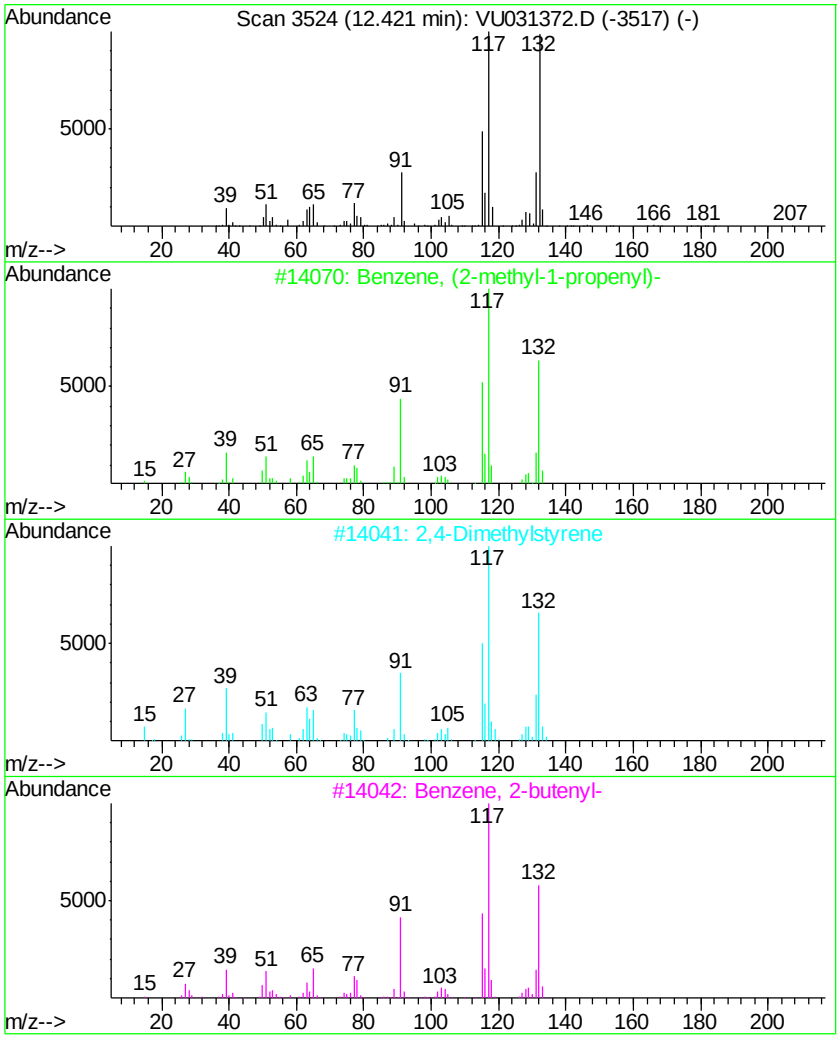
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

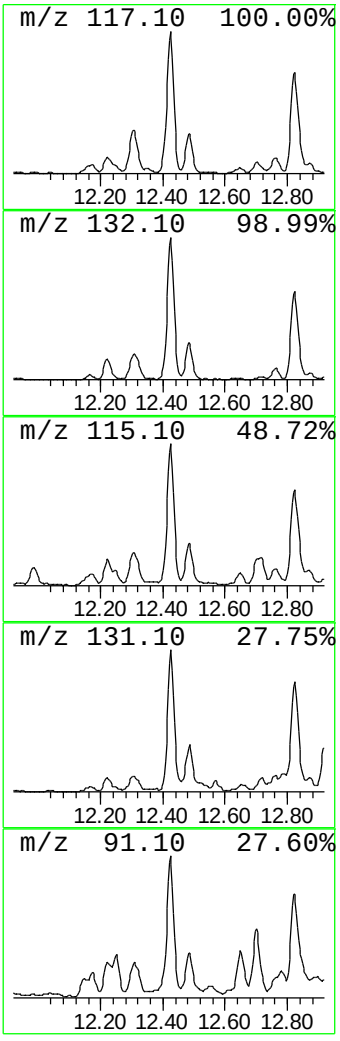
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, (2-methyl-1-propen... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	34.59 ug/L	1250650	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	93





Library Search Compound Report

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Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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

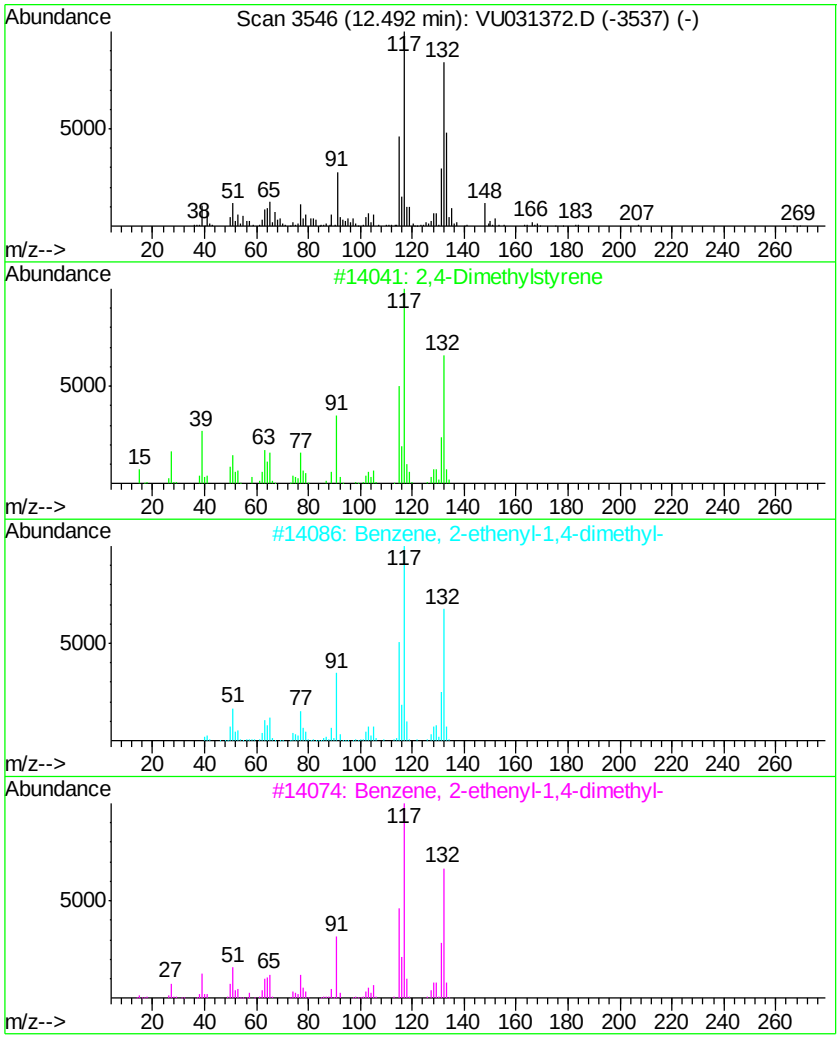
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

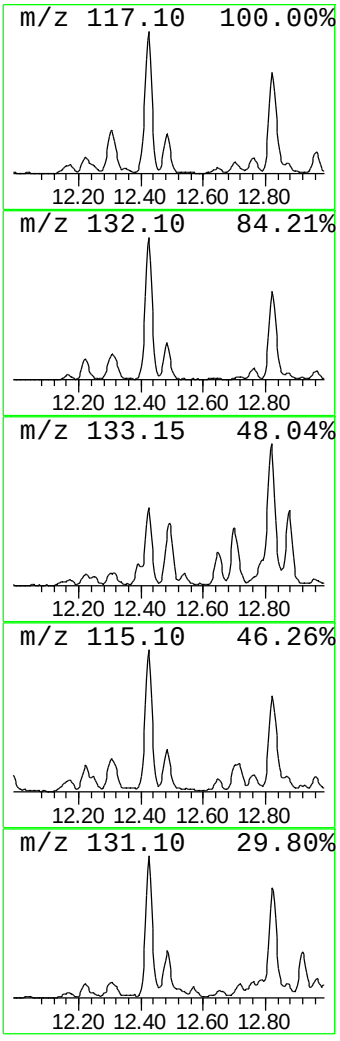
****

Peak Number 10 2,4-Dimethylstyrene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	12.32 ug/L	445370	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\
Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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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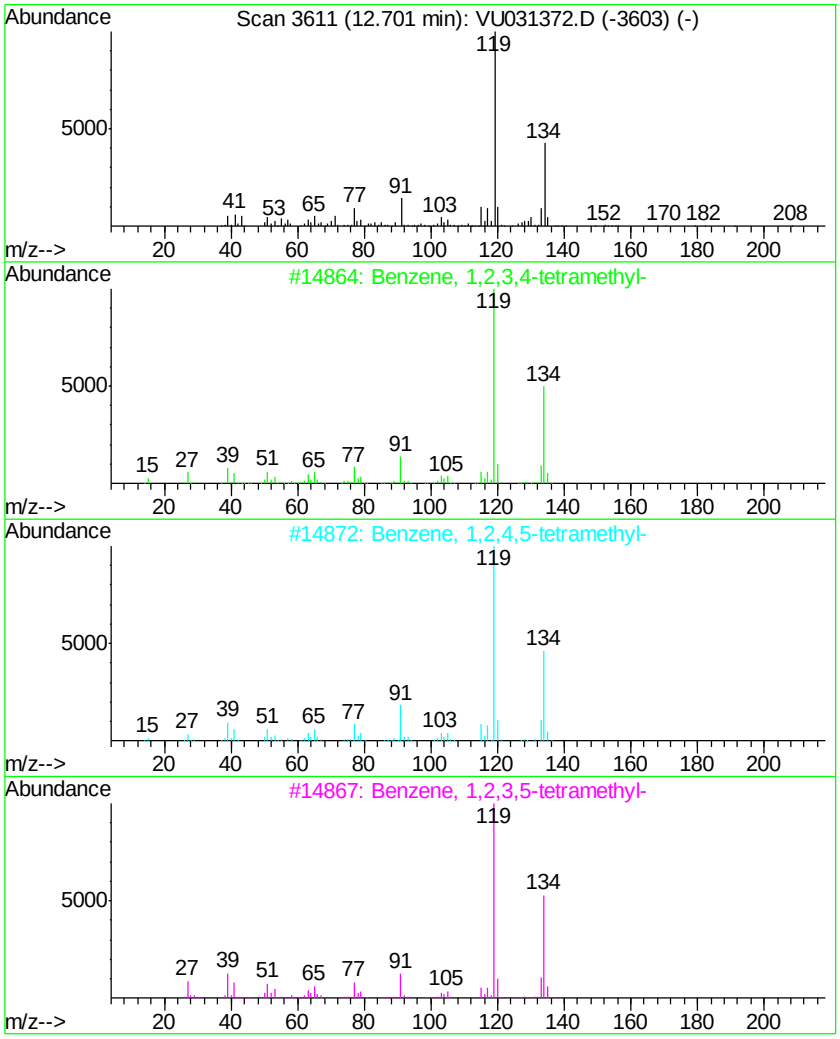
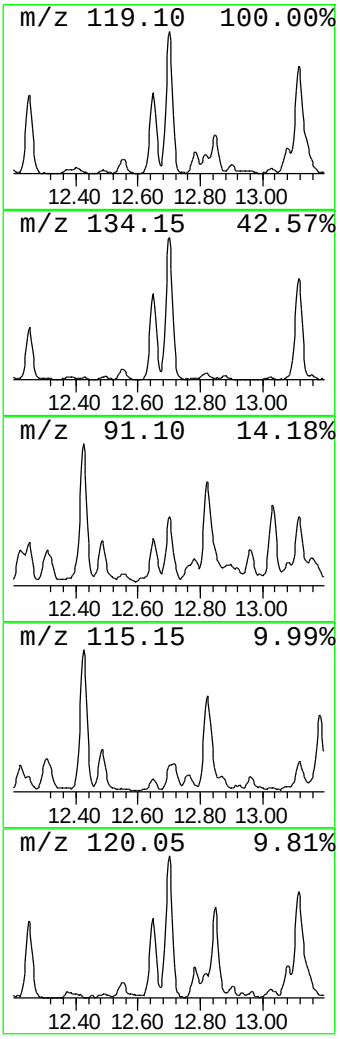
Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	32.23 ug/L	1165170	1,4-Dichlorobenzene-d4	11.49

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





Library Search Compound Report

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Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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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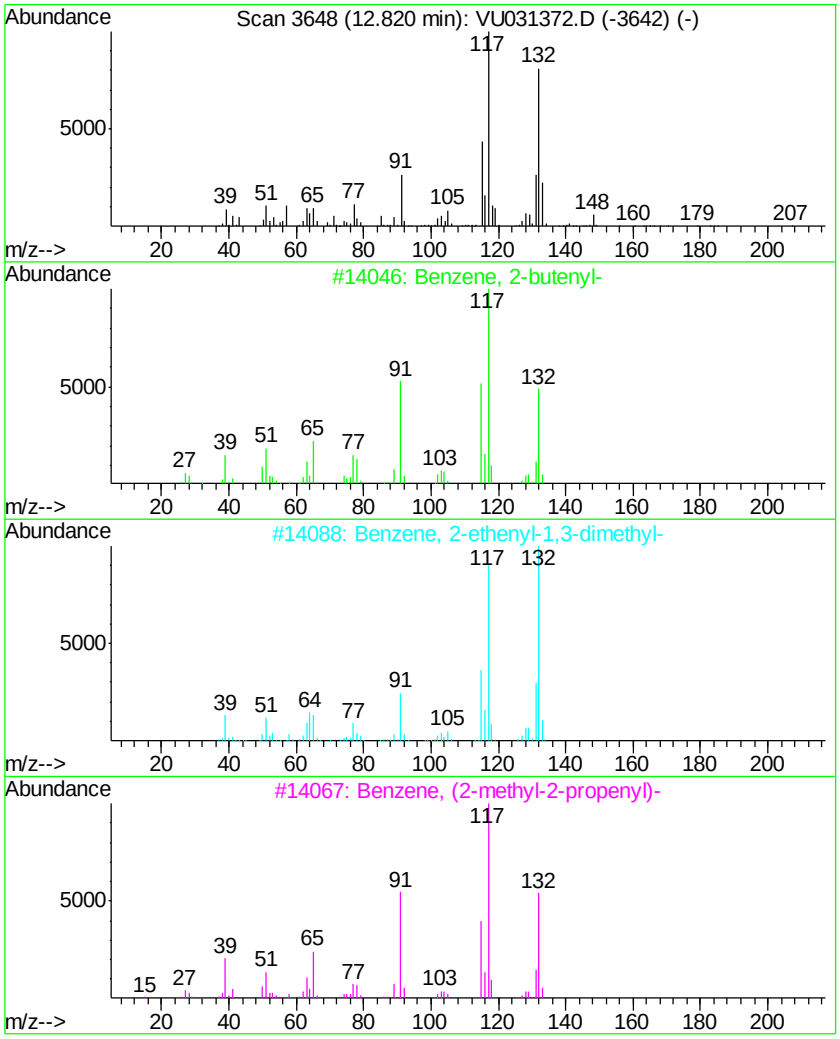
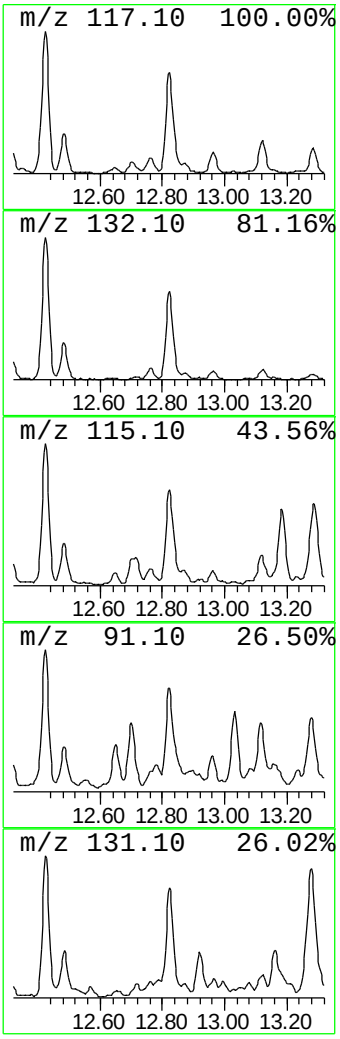
Peak Number 12 Benzene, 2-butenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	26.76 ug/L	967392	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	93
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	93
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	93
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	93





Library Search Compound Report

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Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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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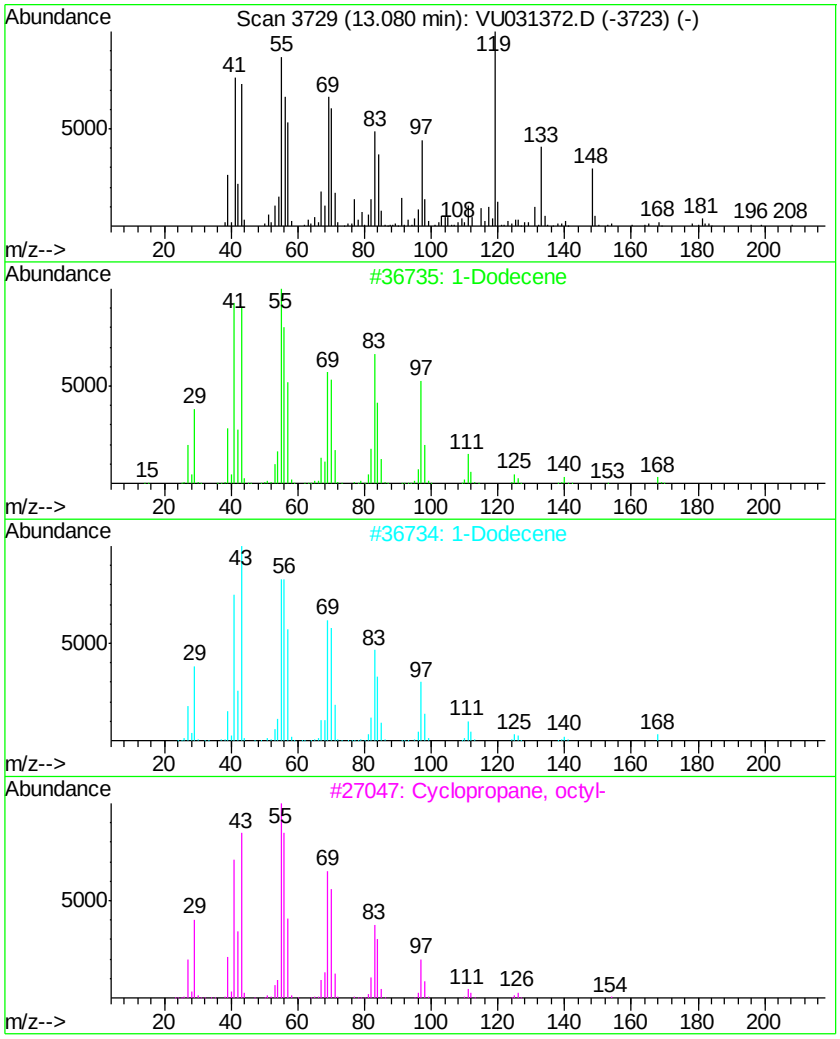
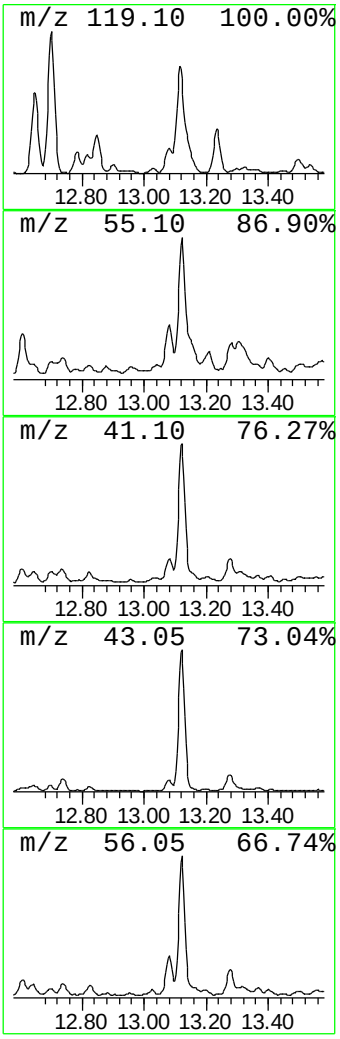
Peak Number 13 (DEL) Alkane: Cyclic13.08 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	8.92 ug/L	322676	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecene	168	C12H24	000112-41-4	94
2	1-Dodecene	168	C12H24	000112-41-4	86
3	Cyclopropane, octyl-	154	C11H22	001472-09-9	86
4	Cyclodecane	140	C10H20	000293-96-9	50
5	Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1000150-67-3	47





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Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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

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

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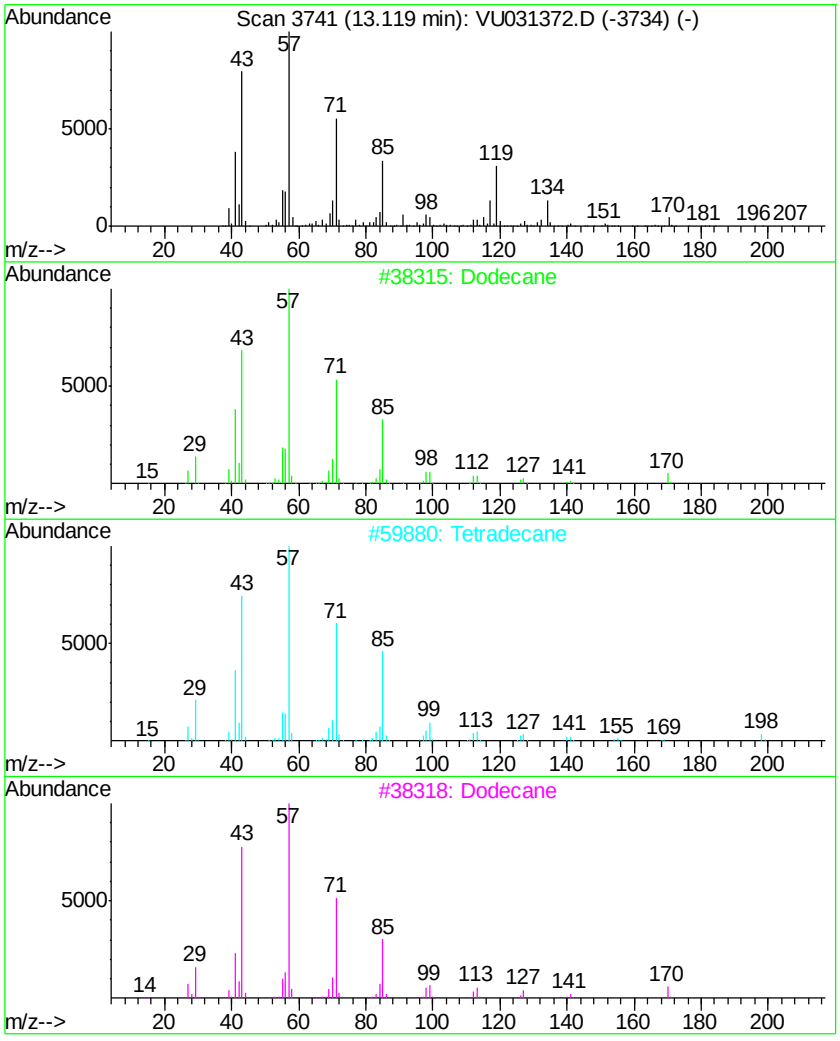
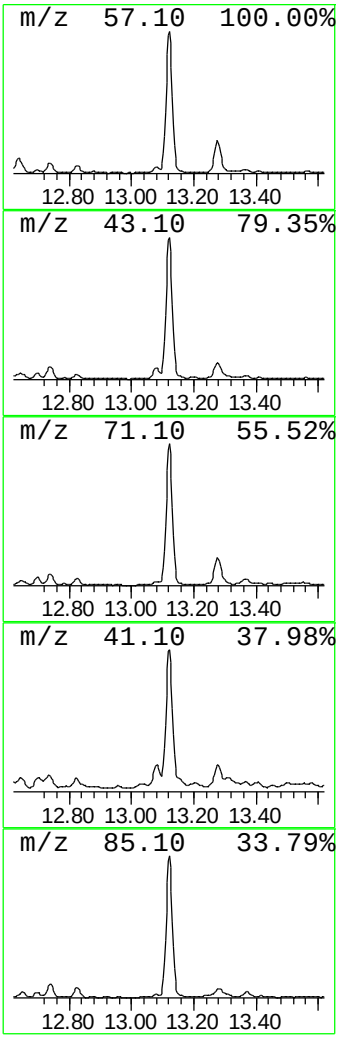
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	68.49 ug/L	2476170	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Tetradecane	198	C14H30	000629-59-4	52
3	Dodecane	170	C12H26	000112-40-3	52
4	Tridecane	184	C13H28	000629-50-5	49
5	Tridecane	184	C13H28	000629-50-5	47





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Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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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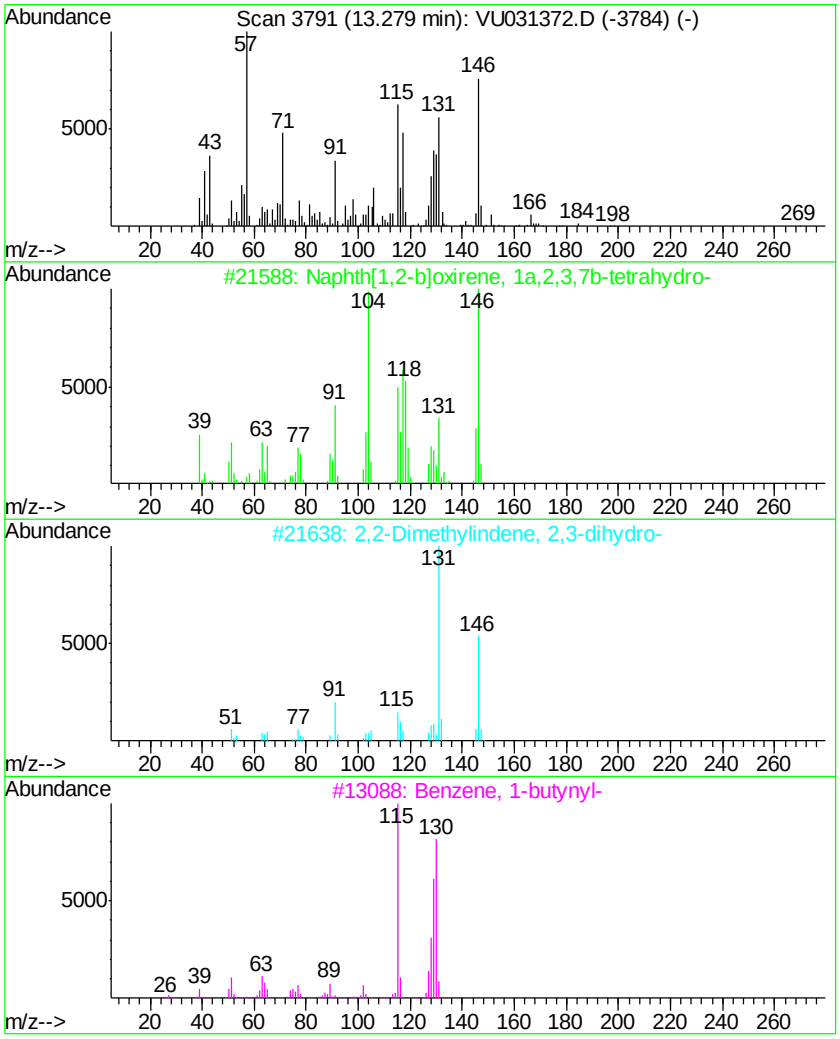
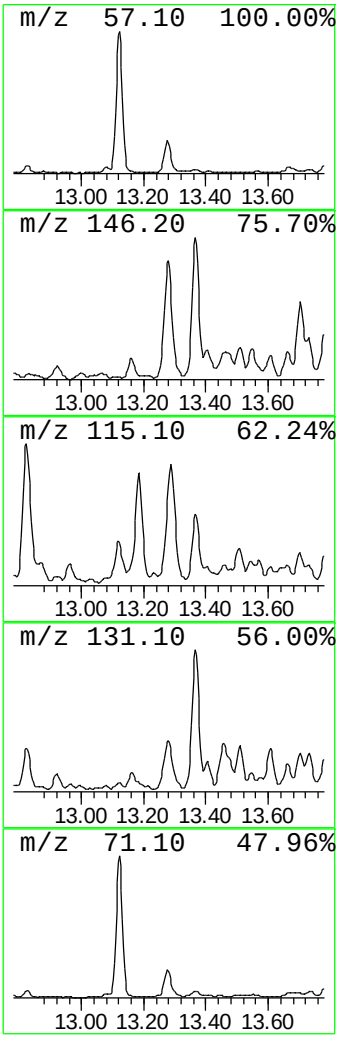
Peak Number 15 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	32.69 ug/L	1181980	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	49
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	38
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	35
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	35
5	Cinnamaldehyde, .beta.-methyl-	146	C10H10O	001196-67-4	30





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Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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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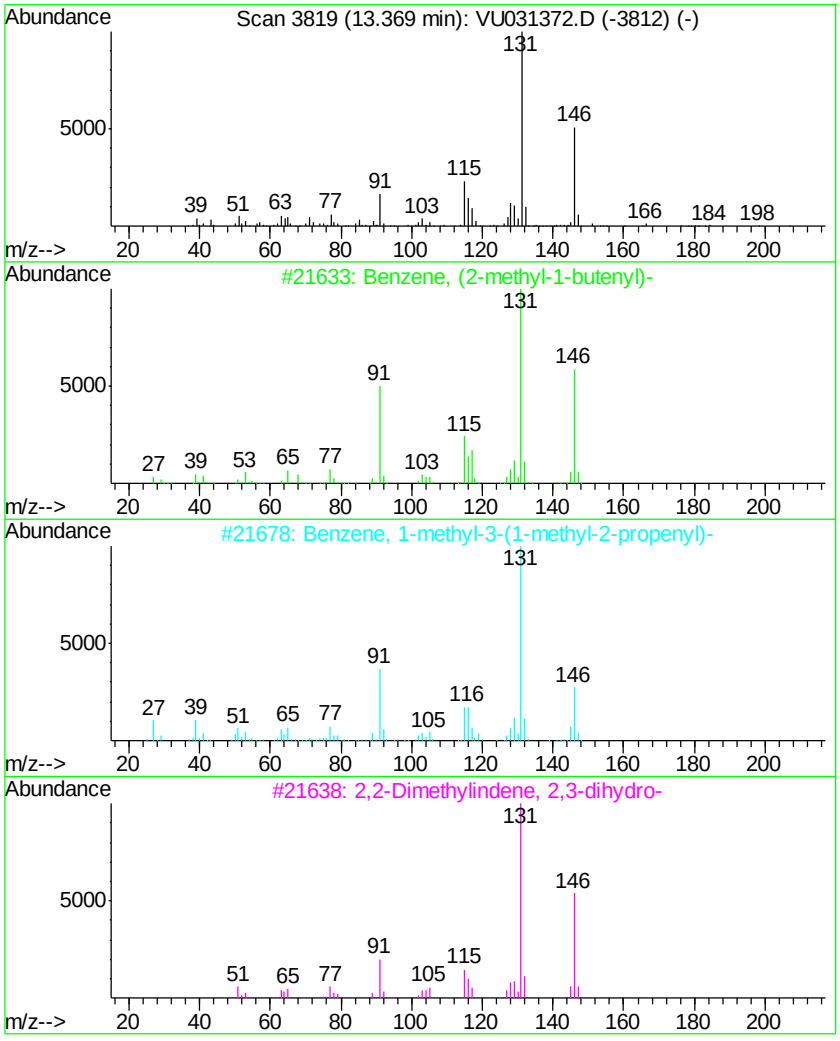
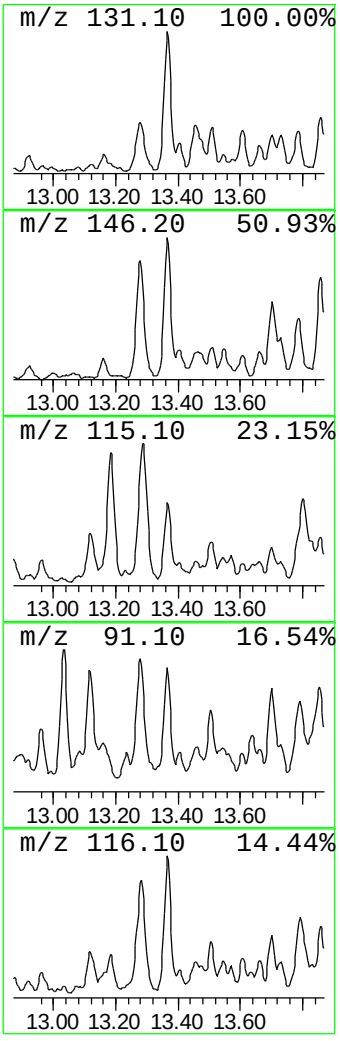
Peak Number 16 Benzene, (2-methyl-1-butenyl)- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	12.28 ug/L	443852	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90





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Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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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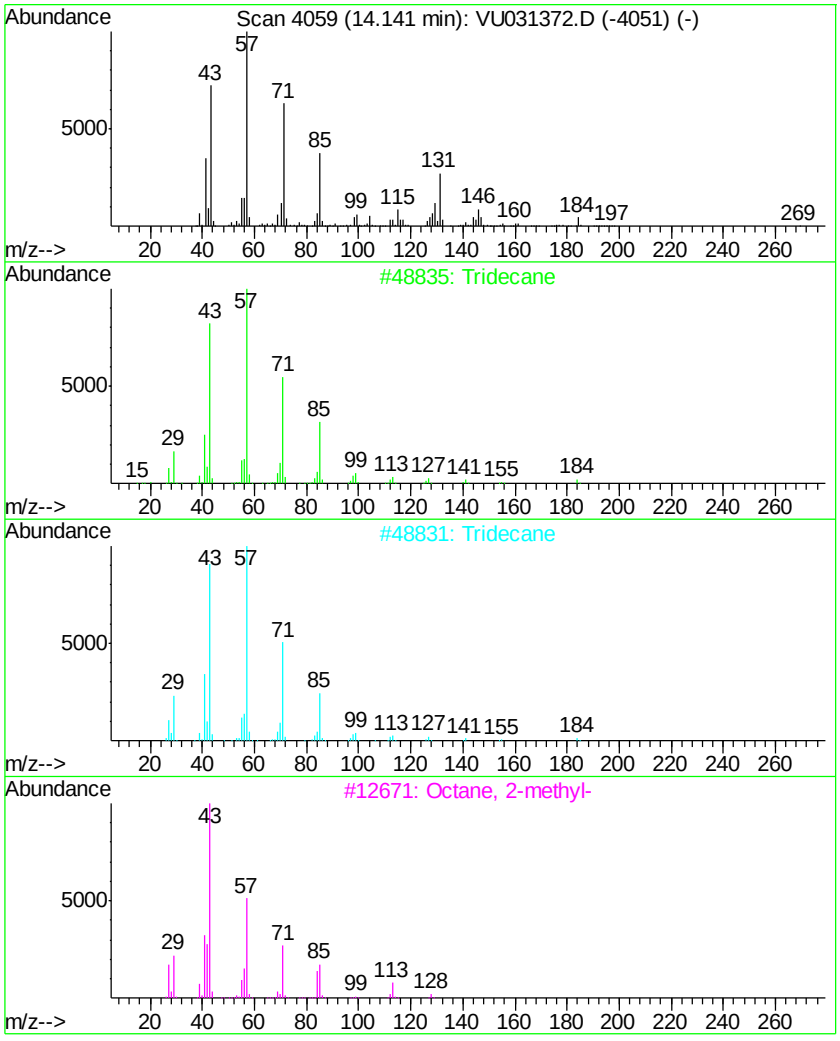
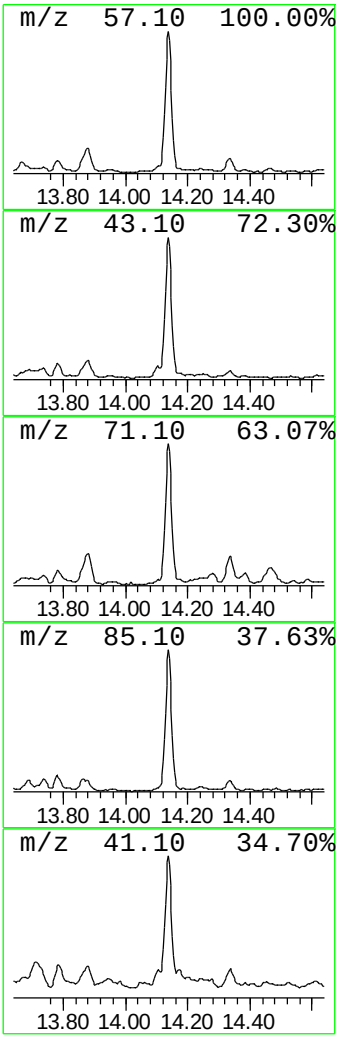
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	36.26 ug/L	1310910	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	70
2	Tridecane	184	C13H28	000629-50-5	70
3	Octane, 2-methyl-	128	C9H20	003221-61-2	52
4	Hexadecane	226	C16H34	000544-76-3	52
5	Dodecane	170	C12H26	000112-40-3	52





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Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
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Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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

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

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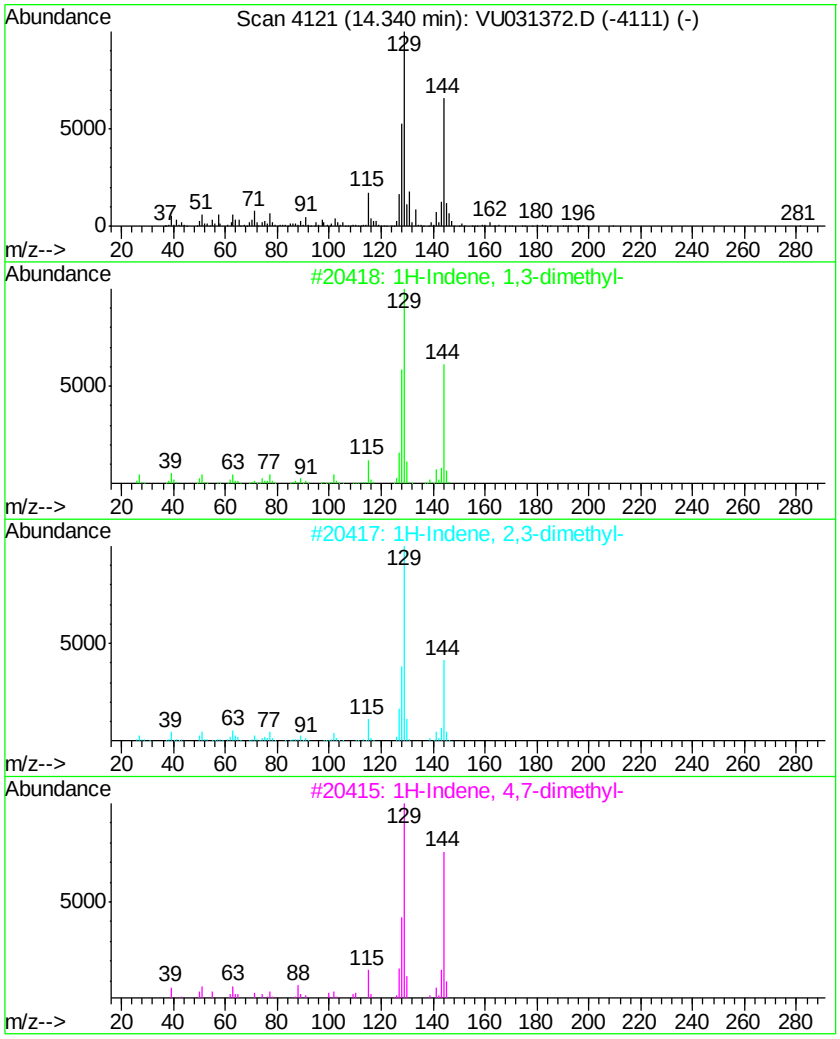
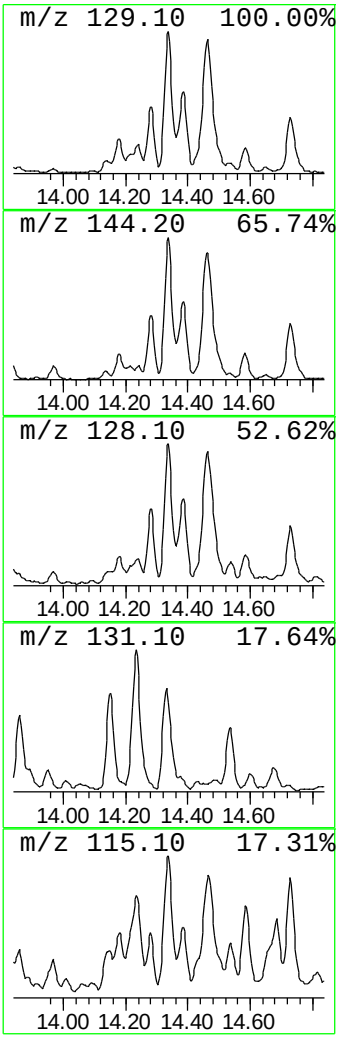
Peak Number 18 1H-Indene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	55.73 ug/L	2015110	1,4-Dichlorobenzene-d4	11.49

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	93
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	90
4	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	81
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\
Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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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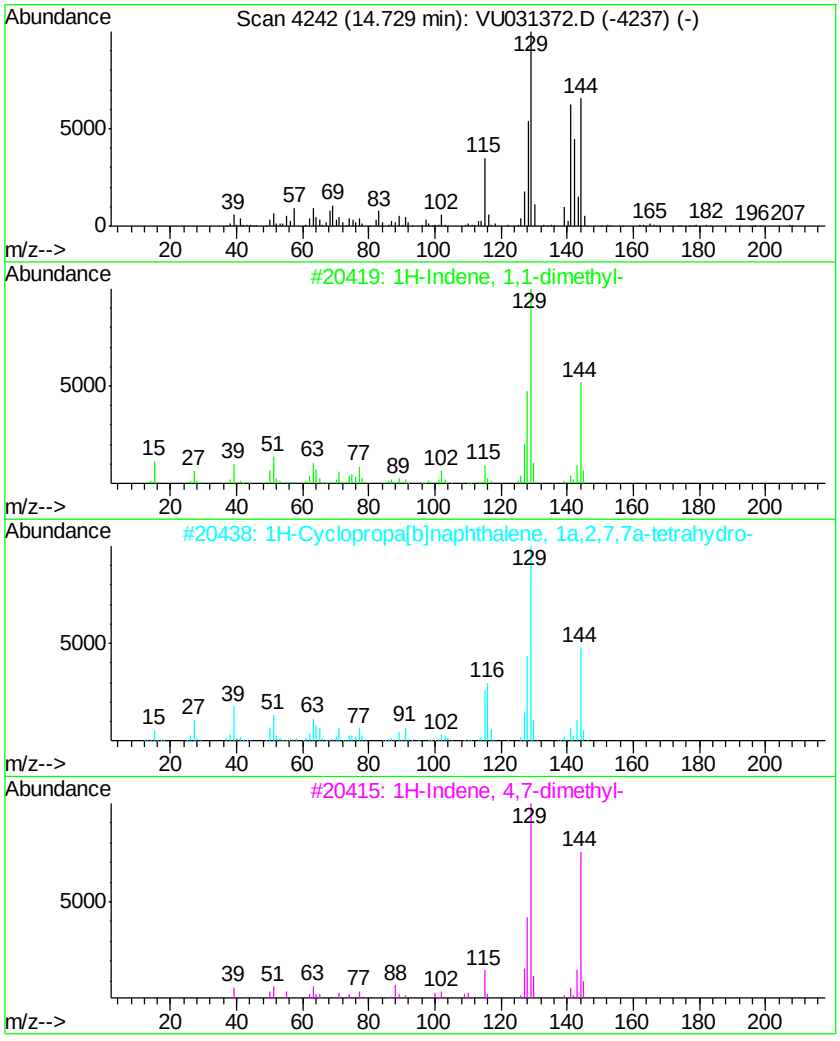
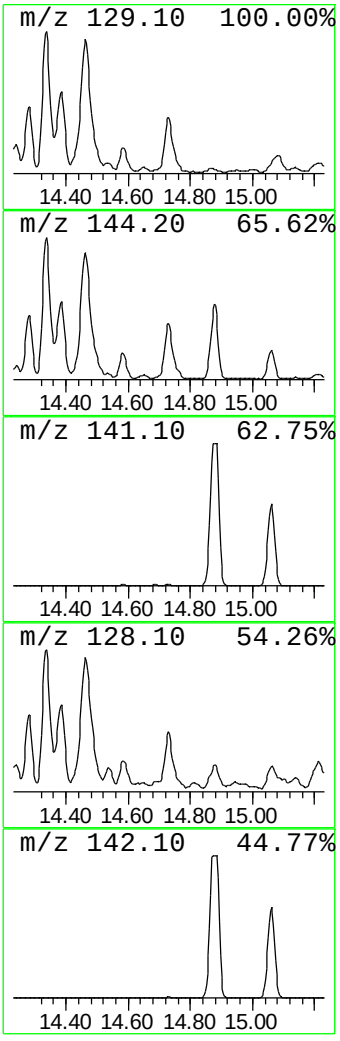
Peak Number 19 1H-Indene, 1,1-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	29.11 ug/L	1052570	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	64
2	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	62
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	62
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	60
5	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\
Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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

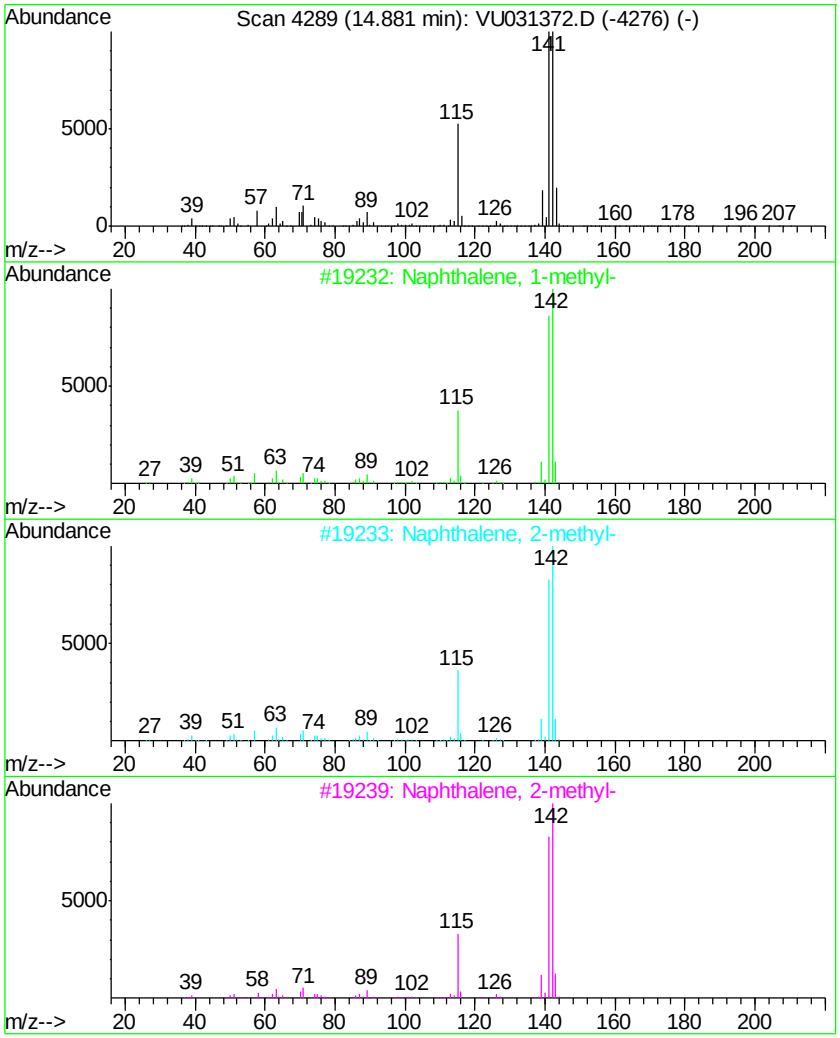
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

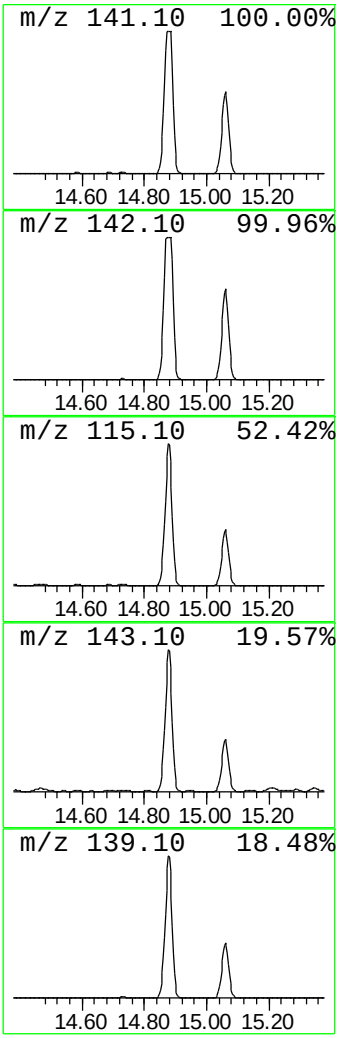
****

Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	1949.88 ug/L	70498800	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\
Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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

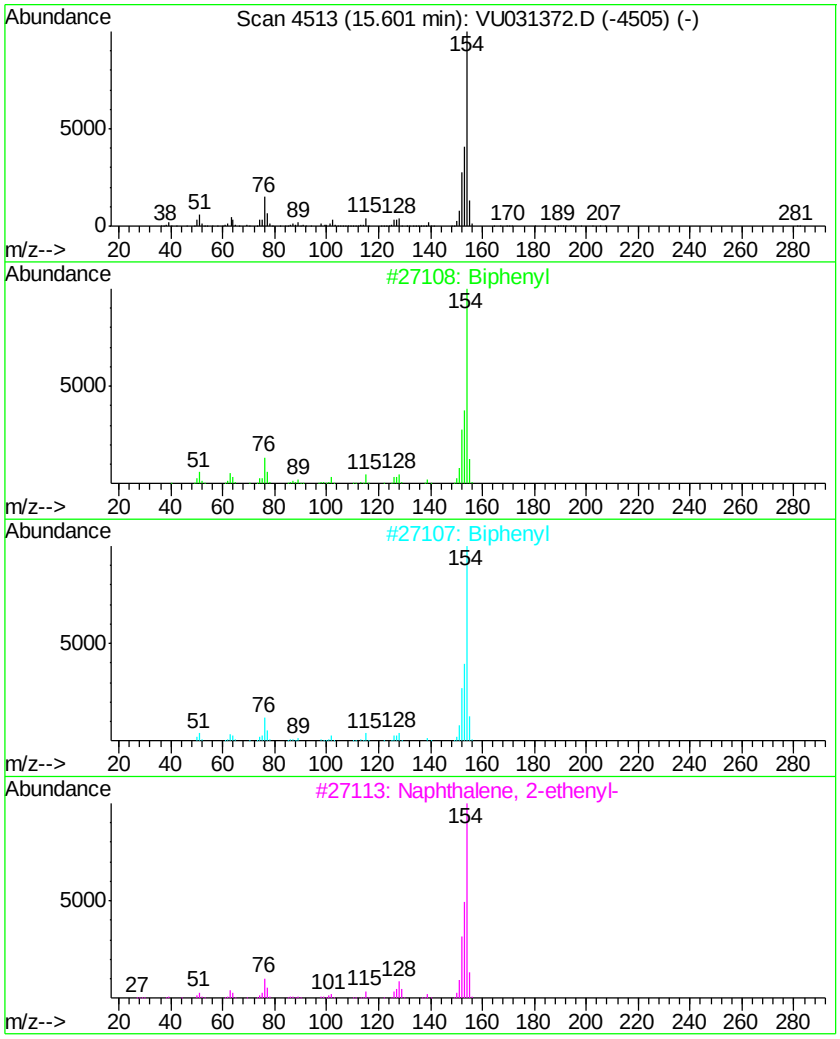
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

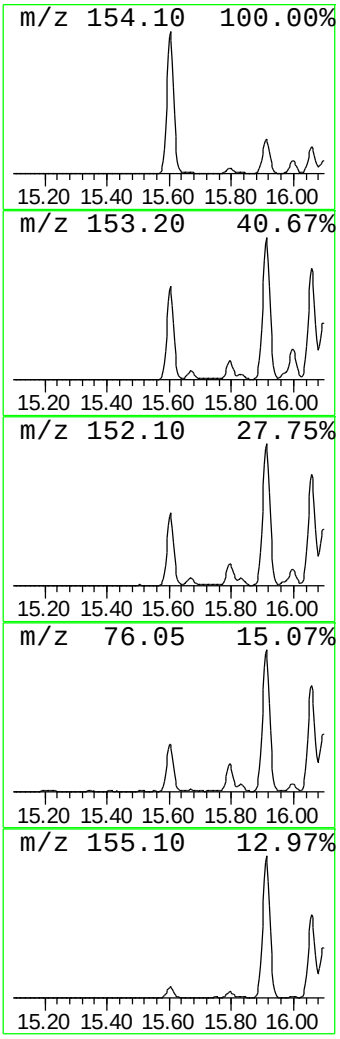
****

Peak Number 22 Biphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	101.54 ug/L	3671060	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	95
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91
4	Biphenyl	154	C12H10	000092-52-4	87
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	83





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Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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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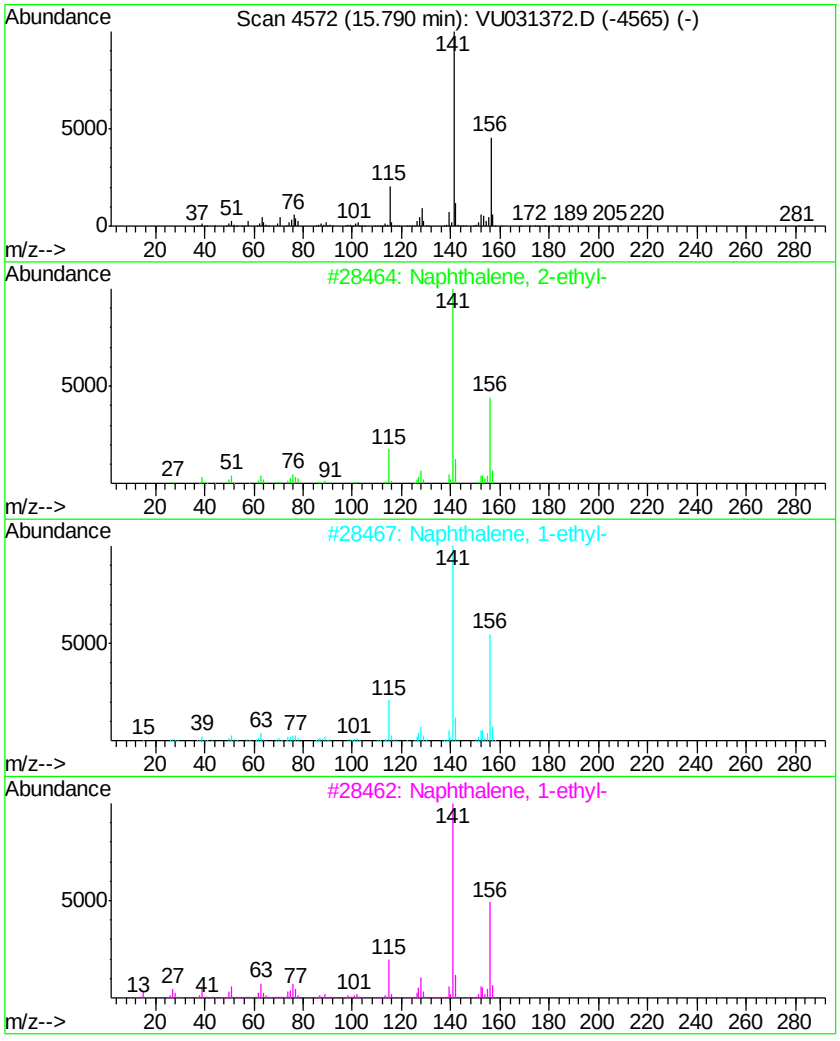
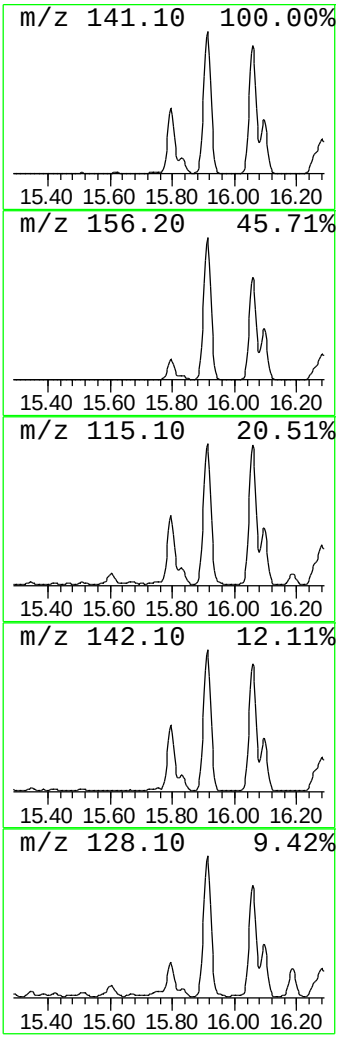
Peak Number 23 Naphthalene, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	155.50 ug/L	5622300	1,4-Dichlorobenzene-d4	11.49

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





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Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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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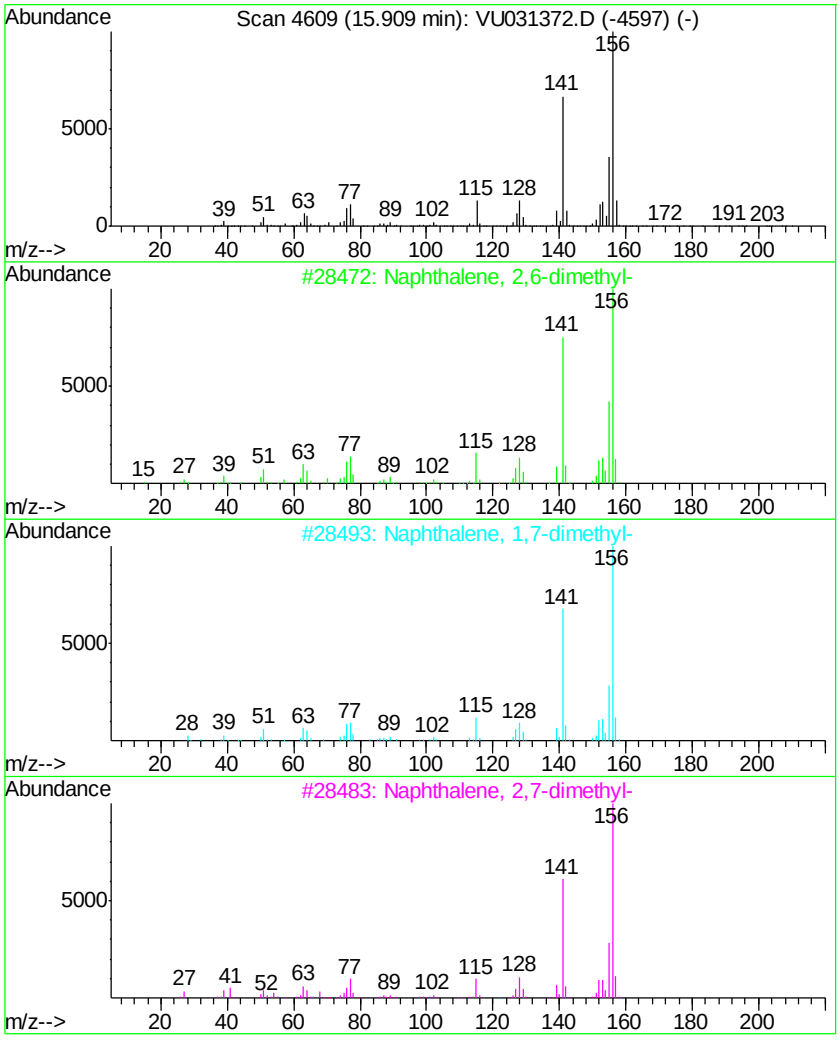
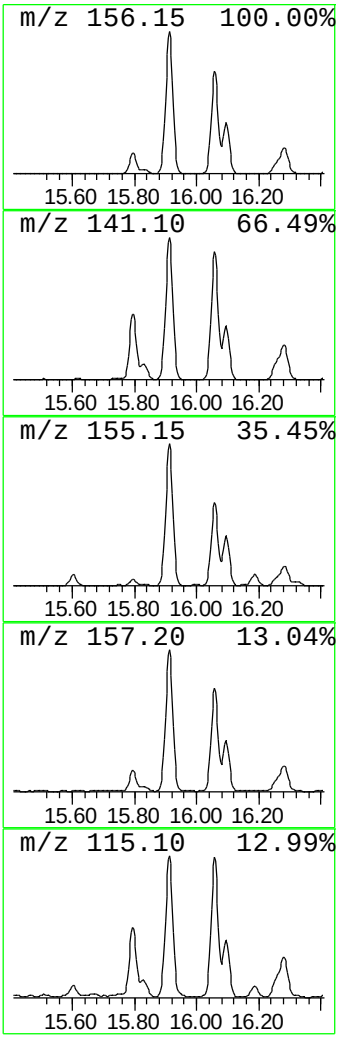
Peak Number 24 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	790.43 ug/L	28578500	1,4-Dichlorobenzene-d4	11.49

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\
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Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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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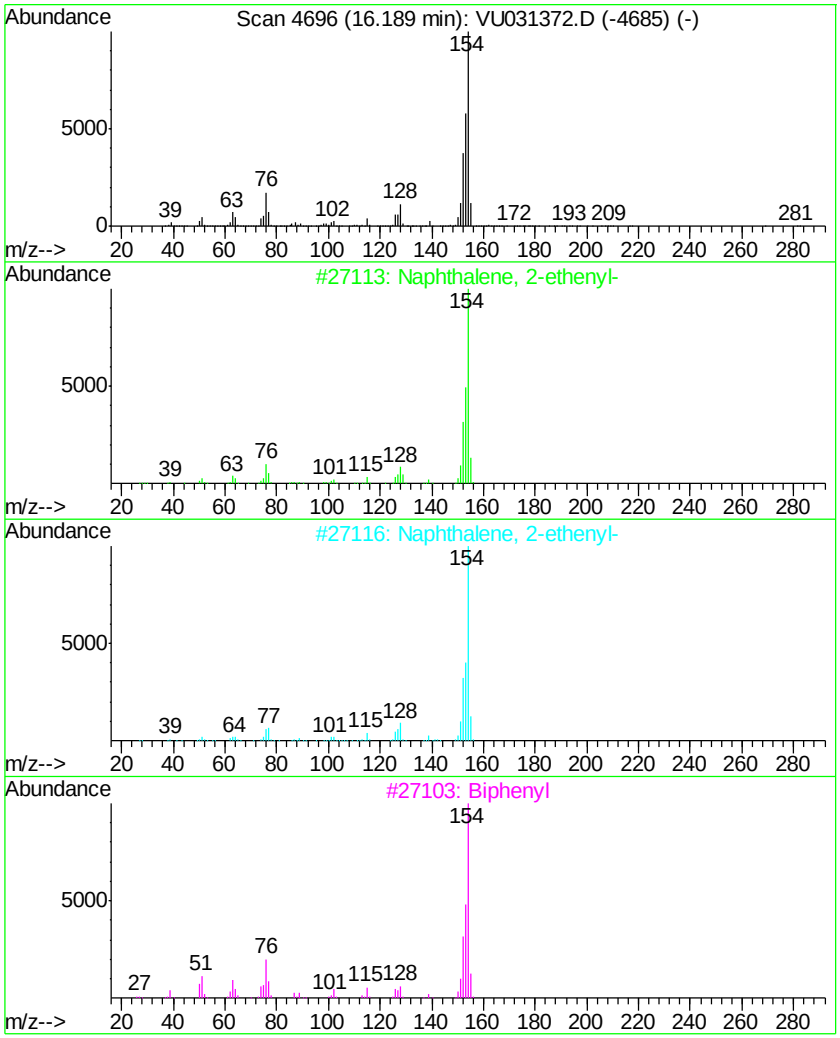
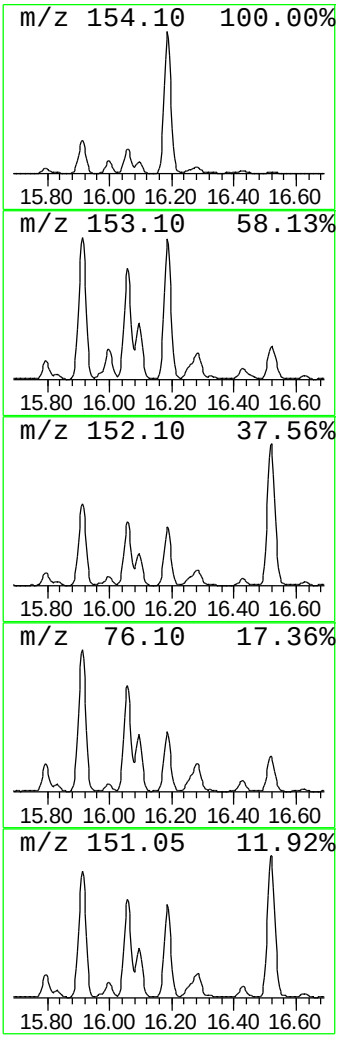
Peak Number 26 Naphthalene, 2-ethenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	143.62 ug/L	5192540	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	93
3	Biphenyl	154	C12H10	000092-52-4	93
4	Acenaphthene	154	C12H10	000083-32-9	81
5	Biphenyl	154	C12H10	000092-52-4	81





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Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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

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

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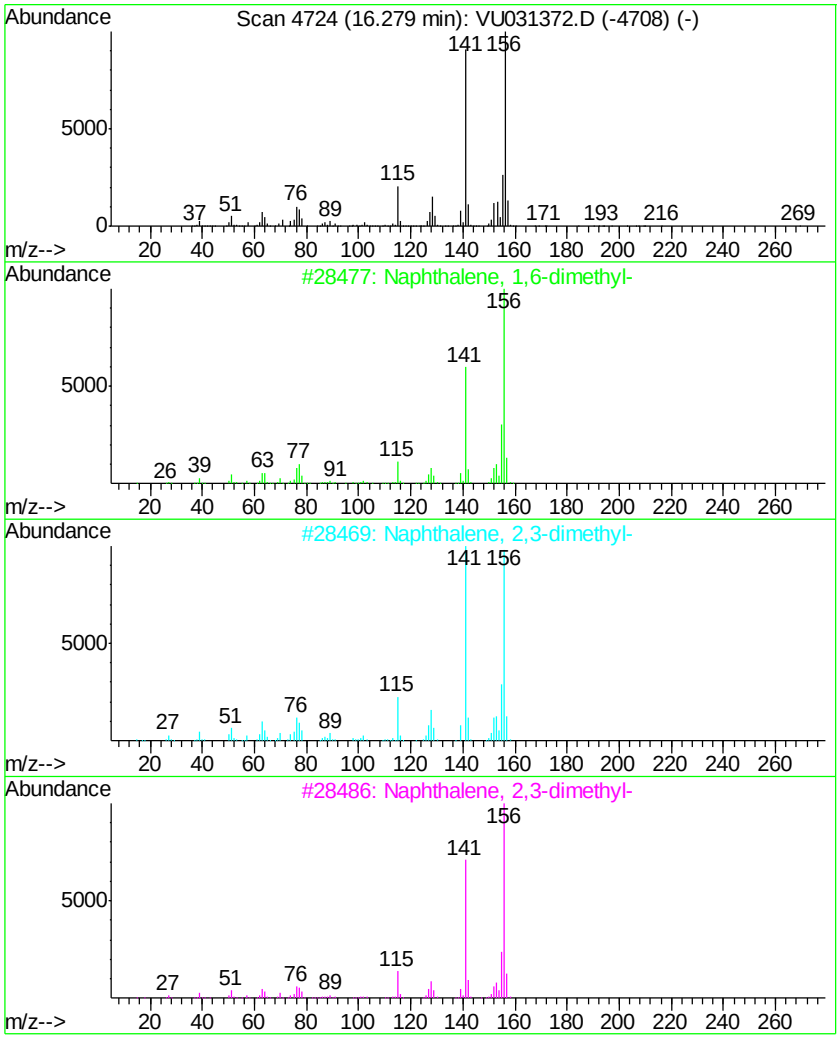
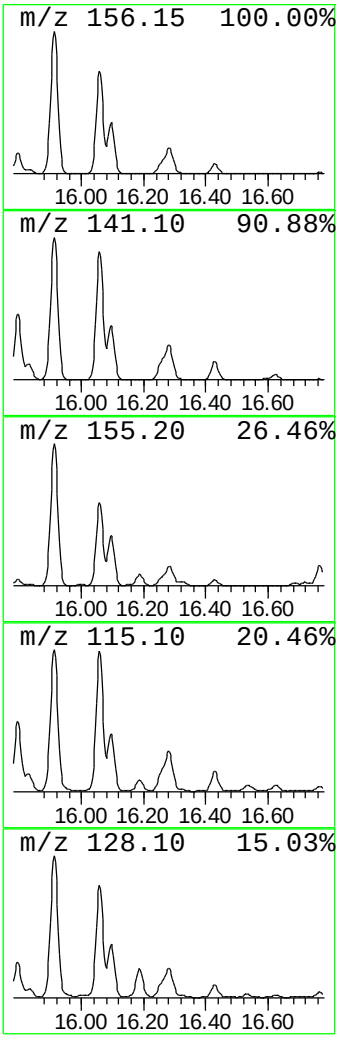
Peak Number 27 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	230.84 ug/L	8346000	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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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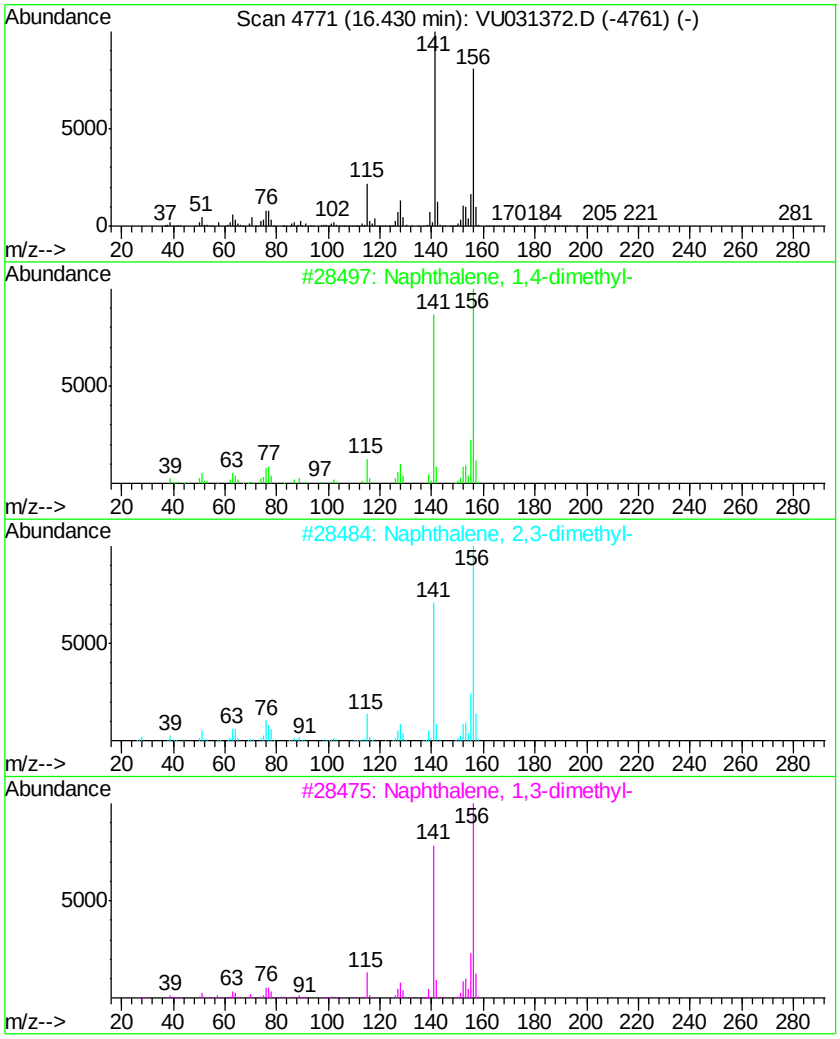
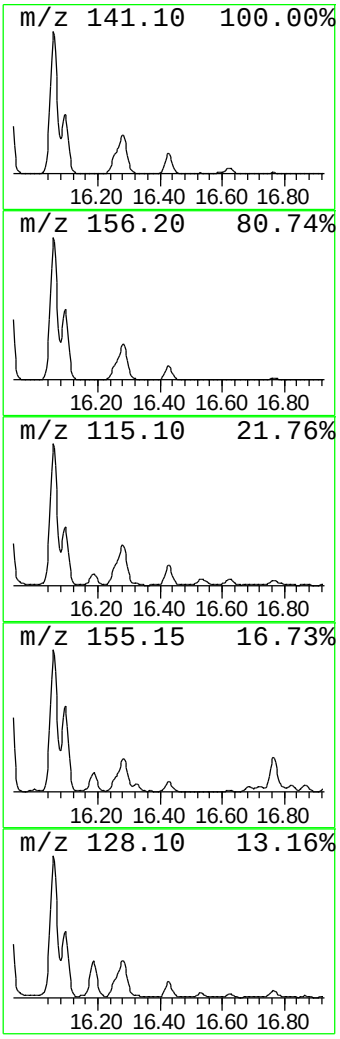
Peak Number 28 Naphthalene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	65.60 ug/L	2371850	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95





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Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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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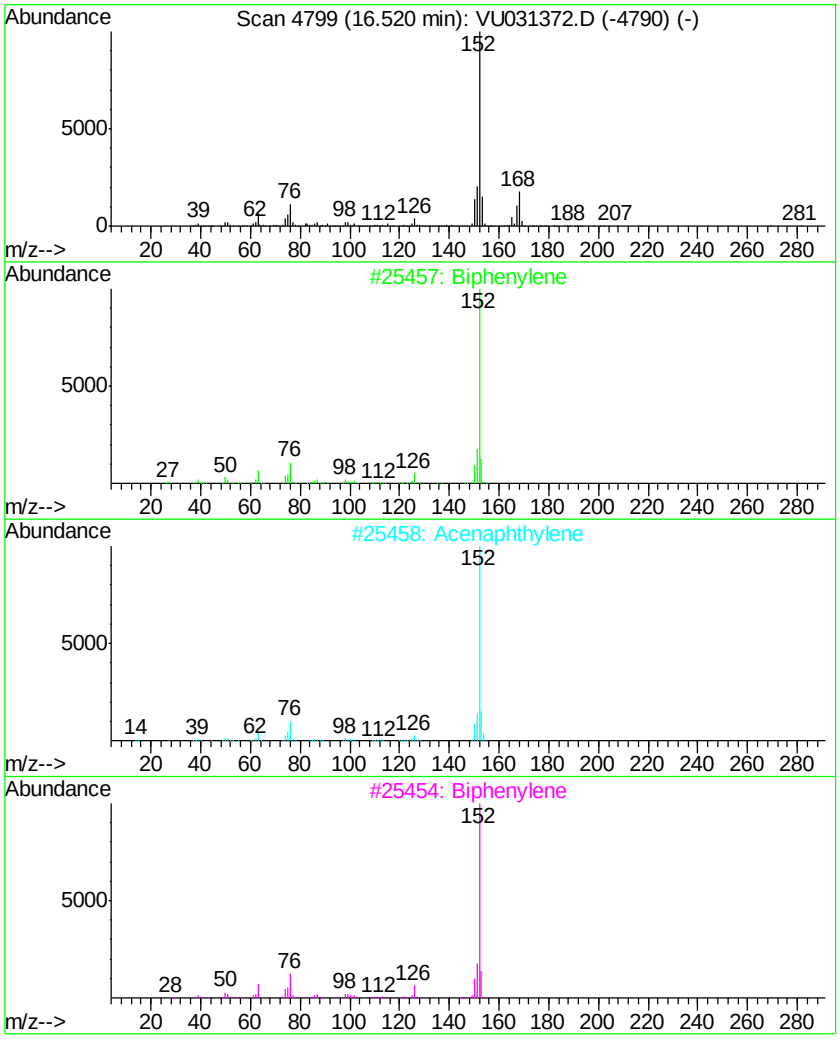
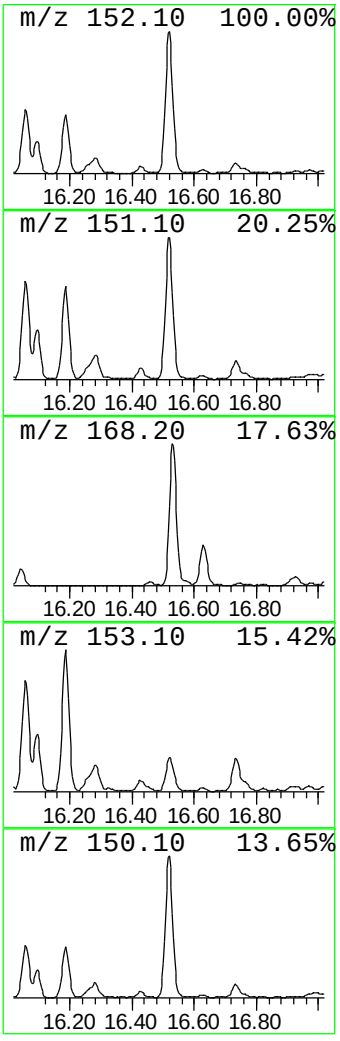
Peak Number 29 Biphenylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	122.62 ug/L	4433250	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	93
2	Acenaphthylene	152	C12H8	000208-96-8	89
3	Biphenylene	152	C12H8	000259-79-0	89
4	Acenaphthylene	152	C12H8	000208-96-8	70
5	1-Aza-2-sila-5-boracyclopent-3-e...	167	C8H18BNSi	125212-69-3	53





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Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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

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

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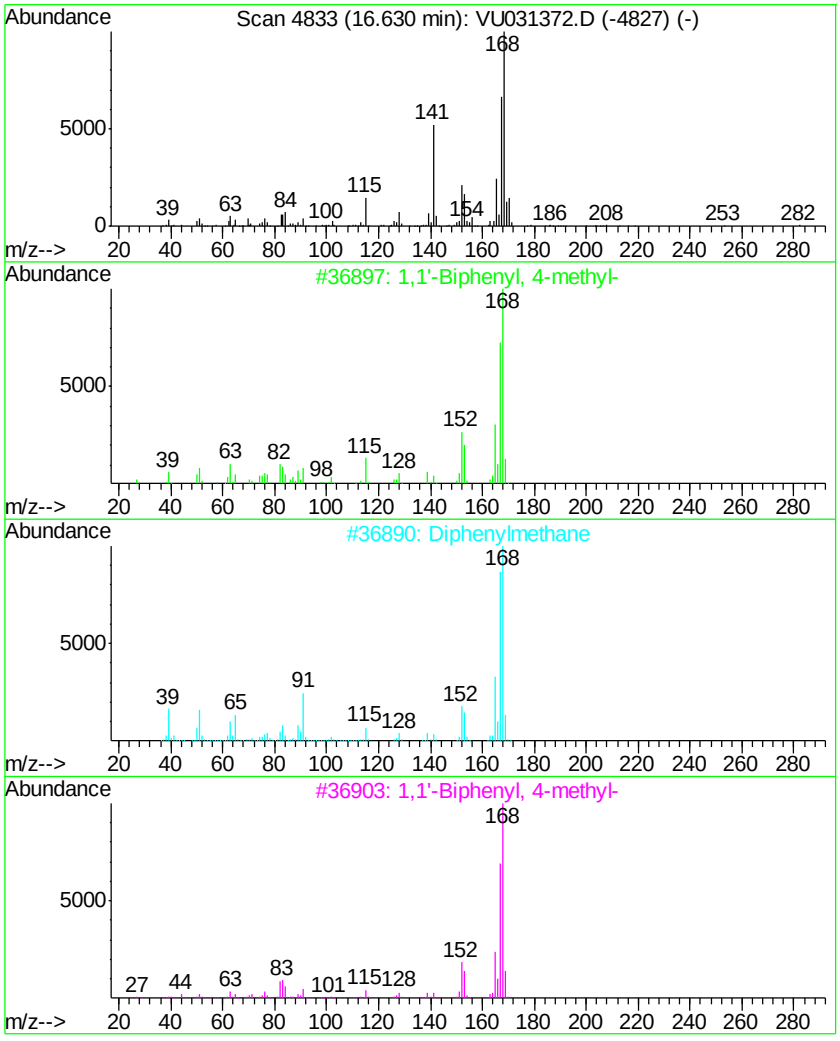
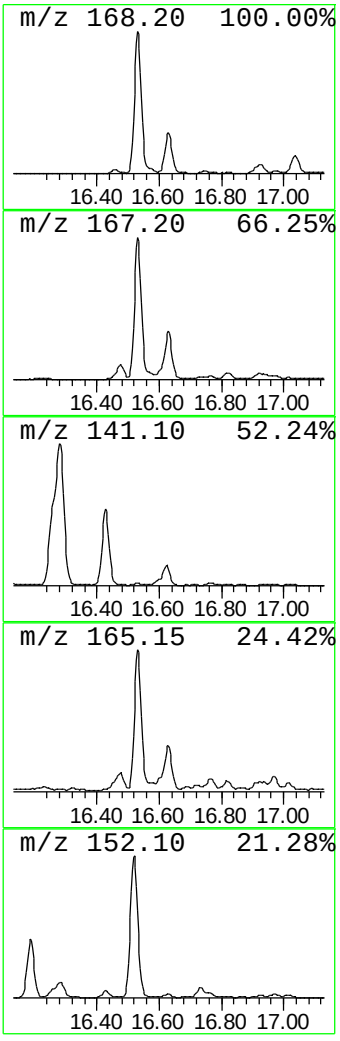
Peak Number 30 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	21.77 ug/L	787017	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	46
2	Diphenylmethane	168	C13H12	000101-81-5	46
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	46
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	45
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43





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Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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

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

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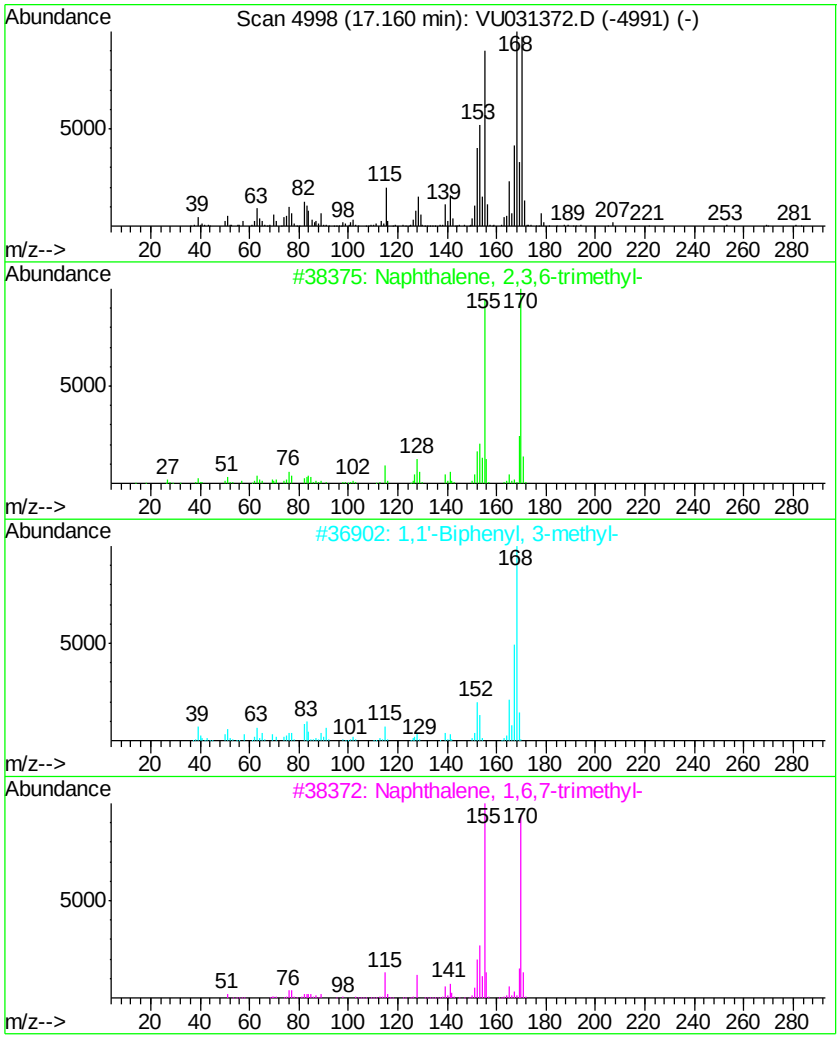
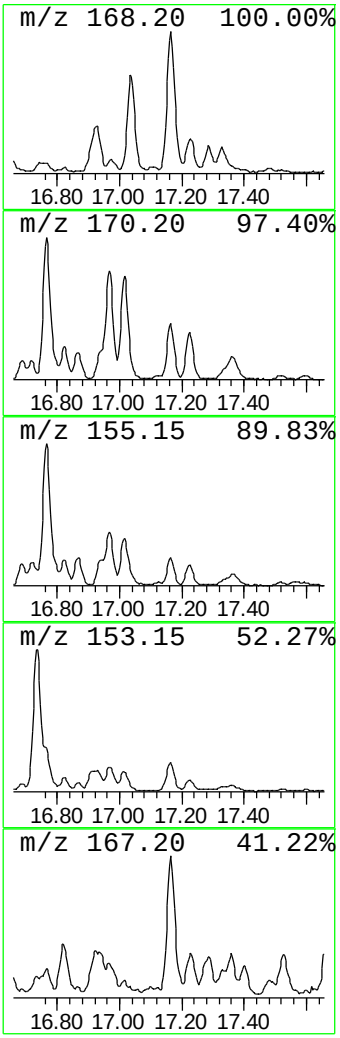
Peak Number 31 Naphthalene, 2,3,6-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	16.60 ug/L	600236	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	80
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	50
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\
Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ9

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
(DEL) Alkane: Cyc...	10.76	7.4	ug/L	269160	3	11.49	1807780	50.0
(DEL) Alkane: Str...	10.81	5.4	ug/L	194396	3	11.49	1807780	50.0
(DEL) Alkane: Cyc...	11.97	9.8	ug/L	352724	3	11.49	1807780	50.0
(DEL) Alkane: Str...	12.02	23.6	ug/L	853803	3	11.49	1807780	50.0
Benzene, 1-methyl...	12.22	4.2	ug/L	150192	3	11.49	1807780	50.0
Benzene, 1-etheny...	12.31	8.2	ug/L	296159	3	11.49	1807780	50.0
Benzene, (2-methy...	12.42	34.6	ug/L	1250650	3	11.49	1807780	50.0
2,4-Dimethylstyrene	12.49	12.3	ug/L	445370	3	11.49	1807780	50.0
Benzene, 1,2,3,4-...	12.70	32.2	ug/L	1165170	3	11.49	1807780	50.0
Benzene, 2-butenyl-	12.82	26.8	ug/L	967392	3	11.49	1807780	50.0
(DEL) Alkane: Cyc...	13.08	8.9	ug/L	322676	3	11.49	1807780	50.0
(DEL) Alkane: Str...	13.12	68.5	ug/L	2476170	3	11.49	1807780	50.0
unknown-01	13.28	32.7	ug/L	1181980	3	11.49	1807780	50.0
Benzene, (2-methy...	13.37	12.3	ug/L	443852	3	11.49	1807780	50.0
(DEL) Alkane: Str...	14.14	36.3	ug/L	1310910	3	11.49	1807780	50.0
1H-Indene, 1,3-di...	14.34	55.7	ug/L	2015110	3	11.49	1807780	50.0
1H-Indene, 1,1-di...	14.73	29.1	ug/L	1052570	3	11.49	1807780	50.0
Naphthalene, 1-me...	14.88	1949.9	ug/L	70498800	3	11.49	1807780	50.0
Biphenyl	15.60	101.5	ug/L	3671060	3	11.49	1807780	50.0
Naphthalene, 2-et...	15.79	155.5	ug/L	5622300	3	11.49	1807780	50.0
Naphthalene, 2,6-...	15.91	790.4	ug/L	28578500	3	11.49	1807780	50.0
Naphthalene, 2-et...	16.19	143.6	ug/L	5192540	3	11.49	1807780	50.0
Naphthalene, 1,6-...	16.28	230.8	ug/L	8346000	3	11.49	1807780	50.0
Naphthalene, 1,4-...	16.43	65.6	ug/L	2371850	3	11.49	1807780	50.0
Biphenylene	16.52	122.6	ug/L	4433250	3	11.49	1807780	50.0
unknown-02	16.63	21.8	ug/L	787017	3	11.49	1807780	50.0
Naphthalene, 2,3,...	17.16	16.6	ug/L	600236	3	11.49	1807780	50.0