LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

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_V\METHOD\SOMVLM020120WMA.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	1.229	39	43	49	rVB3	9164	7828	0.08%	0.015%
2	1.322	64	72	83	rVB	174467	172291	1.81%	0.331%
3	1.579	141	152	165	rBV	106323	134432	1.41%	0.259%
4	1.997	280	282	289	rVB6	1153	1103	0.01%	0.002%
5	2.039	293	295	300	rVB5	1167	869	0.01%	0.002%
6	2.129	313	323	336	rBV	228578	329442	3.45%	0.634%
7	2.319	379	382	390	rVB4	1972	1900	0.02%	0.004%
8	2.521	441	445	446	rBV3	1431	929	0.01%	0.002%
9	2.653	473	486	499	rBV	4958	11481	0.12%	0.022%
10	2.987	585	590	594	rBV3	634	674	0.01%	0.001%
11	3.071	612	616	620	rBV5	1166	1072	0.01%	0.002%
12	3.090	620	622	629	rVB4	853	846	0.01%	0.002%
13	3.367	706	708	713	rVB3	699	664	0.01%	0.001%
14	3.631	786	790	795	rBV3	709	610	0.01%	0.001%
15	3.788	832	839	843	rBV4	728	946	0.01%	0.002%
16	3.920	869	880	911	rBV	110687	288922	3.03%	0.556%
17	4.399	1010	1029	1055	rBV	228272	564509	5.92%	1.086%
18	4.692	1118	1120	1123	rBV4	845	593	0.01%	0.001%
19	5.093	1224	1245	1280	rBV2	575460	1536264	16.11%	2.954%
20	5.537	1369	1383	1394	rBV10	3157	7052	0.07%	0.014%
21	5.659	1406	1421	1454	rBV	507203	1015908	10.65%	1.954%
22	5.897	1492	1495	1500	rBV3	574	671	0.01%	0.001%
23	5.949	1500	1511	1522	rVV4	8549	17338	0.18%	0.033%
24	6.113	1547	1562	1593	rBV	331542	687039	7.20%	1.321%
25	6.405	1647	1653	1659	rVB5	1400	1771	0.02%	0.003%
26	6.454	1664	1668	1674	rVB5	591	671	0.01%	0.001%
27	6.672	1725	1736	1750	rBV5	2203	4900	0.05%	0.009%
28	6.955	1815	1824	1833	rBV3	4245	7908	0.08%	0.015%
29	7.026	1833	1846	1866	rVV	207043	368668	3.87%	0.709%
30	7.154	1884	1886	1892	rVB5	1598	1137	0.01%	0.002%
31	7.209	1898	1903	1905	rBV3	950	910	0.01%	0.002%
32	7.306	1916	1933	1937	rBV6	8225	15280	0.16%	0.029%
33	7.357	1937	1949	1963	rVV	727083	1269815	13.32%	2.442%
34	7.428	1963	1971	1986	rVB	54402	98564	1.03%	0.190%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

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_V\METHOD\SOMVLM020120WMA.M
Title : VOC Analysis

35	7.605	2019	2026	2033	rBV2	10993	16038	0.17%	0.031%
36	7.659	2033	2043	2066	rVB	148275	260209	2.73%	0.500%
37	7.826	2084	2095	2108	rVV7	4153	7627	0.08%	0.015%
38	7.884	2110	2113	2117	rVV5	904	840	0.01%	0.002%
39	8.016	2149	2154	2163	rVB7	2761	3981	0.04%	0.008%
40	8.126	2176	2188	2219	rBV	391483	720858	7.56%	1.386%
41	8.331	2244	2252	2261	rVB2	15006	24280	0.25%	0.047%
42	8.392	2261	2271	2282	rBV2	10597	19038	0.20%	0.037%
43	8.547	2309	2319	2327	rVV10	5577	9647	0.10%	0.019%
44	8.634	2330	2346	2359	rVV8	9764	30310	0.32%	0.058%
45	8.704	2360	2368	2378	rVB4	14023	23847	0.25%	0.046%
46	8.826	2397	2406	2414	rBV2	13846	21948	0.23%	0.042%
47	8.891	2414	2426	2447	rBV	757099	1226285	12.86%	2.358%
48	9.052	2463	2476	2494	rBV	532473	840060	8.81%	1.616%
49	9.180	2507	2516	2527	rVV	161315	262918	2.76%	0.506%
50	9.241	2527	2535	2557	rVB3	61878	108301	1.14%	0.208%
51	9.360	2557	2572	2581	rBV9	8072	16379	0.17%	0.031%
52	9.434	2591	2595	2596	rBV4	1448	950	0.01%	0.002%
53	9.511	2608	2619	2629	rBV6	18114	34735	0.36%	0.067%
54	9.582	2631	2641	2661	rVB	196218	325967	3.42%	0.627%
55	9.746	2677	2692	2702	rVB4	50636	88647	0.93%	0.170%
56	9.836	2712	2720	2731	rBV5	42192	74524	0.78%	0.143%
57	9.971	2749	2762	2770	rBV	43597	78348	0.82%	0.151%
58	10.055	2783	2788	2796	rVB5	9520	12661	0.13%	0.024%
59	10.254	2839	2850	2870	rBV	464691	775836	8.14%	1.492%
60	10.392	2888	2893	2900	rBV	18603	23569	0.25%	0.045%
61	10.511	2915	2930	2937	rBV	180661	360484	3.78%	0.693%
62	10.614	2956	2962	2984	rVB	245460	378674	3.97%	0.728%
63	10.775	3004	3012	3020	rBV2	55890	94336	0.99%	0.181%
64	10.916	3048	3056	3060	rBV2	94098	135938	1.43%	0.261%
65	10.952	3061	3067	3079	rVB	378574	573324	6.01%	1.103%
66	11.026	3084	3090	3098	rVB	85710	123317	1.29%	0.237%
67	11.193	3135	3142	3149	rBV2	89053	136320	1.43%	0.262%
68	11.289	3162	3172	3182	rBV	819539	1274570	13.37%	2.451%
69	11.376	3191	3199	3206	rBV	176912	257869	2.70%	0.496%
70	11.502	3232	3238	3247	rVB	63046	85222	0.89%	0.164%
71	11.569	3250	3259	3267	rBV	180245	304139	3.19%	0.585%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

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_V\METHOD\SOMVLM020120WMA.M
Title : VOC Analysis

72	11.666	3279	3289	3306	rVB2	832264	1463238	15.34%	2.814%
73	11.785	3316	3326	3334	rBV	1028807	1628466	17.08%	3.132%
74	11.826	3335	3339	3347	rVB2	374302	474494	4.98%	0.912%
75	11.981	3373	3387	3395	rBV2	133625	263250	2.76%	0.506%
76	12.158	3436	3442	3449	rBV2	101844	156072	1.64%	0.300%
77	12.408	3512	3520	3527	rBV2	214300	334109	3.50%	0.643%
78	12.508	3543	3551	3560	rBV2	261168	450936	4.73%	0.867%
79	12.630	3584	3589	3600	rBV4	80547	112782	1.18%	0.217%
80	12.765	3625	3631	3645	rVB	160466	236233	2.48%	0.454%
81	12.923	3673	3680	3693	rBV3	461459	757086	7.94%	1.456%
82	12.987	3694	3700	3712	rVB	371885	575255	6.03%	1.106%
83	13.093	3722	3733	3752	rVB3	558411	1168654	12.26%	2.247%
84	13.543	3862	3873	3900	rVB	5928405	9535812	100.00%	18.338%
85	14.135	4049	4057	4069	rBV4	207458	404568	4.24%	0.778%
86	14.675	4214	4225	4238	rBV	4777792	7180804	75.30%	13.809%
87	14.858	4272	4282	4295	rVB	2241728	3479537	36.49%	6.691%
88	15.405	4446	4452	4462	rVB	341380	495588	5.20%	0.953%
89	15.595	4502	4511	4520	rBV	792584	1204255	12.63%	2.316%
90	15.710	4535	4547	4567	rBV	1086509	1918211	20.12%	3.689%
91	15.855	4582	4592	4598	rBV	993414	1535185	16.10%	2.952%
92	15.890	4599	4603	4619	rVB	557785	815632	8.55%	1.569%
93	16.080	4647	4662	4671	rBV	272931	585644	6.14%	1.126%
94	16.225	4700	4707	4718	rVB	120214	178574	1.87%	0.343%
95	16.325	4728	4738	4752	rVB3	236819	480898	5.04%	0.925%
96	16.530	4793	4802	4808	rBV	337776	527285	5.53%	1.014%
97	16.810	4884	4889	4909	rVB3	125419	254742	2.67%	0.490%
98	16.958	4929	4935	4945	rVB	97757	145203	1.52%	0.279%
99	17.019	4947	4954	4966	rVV3	80583	125269	1.31%	0.241%
100	17.440	5076	5085	5101	rVB	126094	226969	2.38%	0.436%

Sum of corrected areas: 51999754

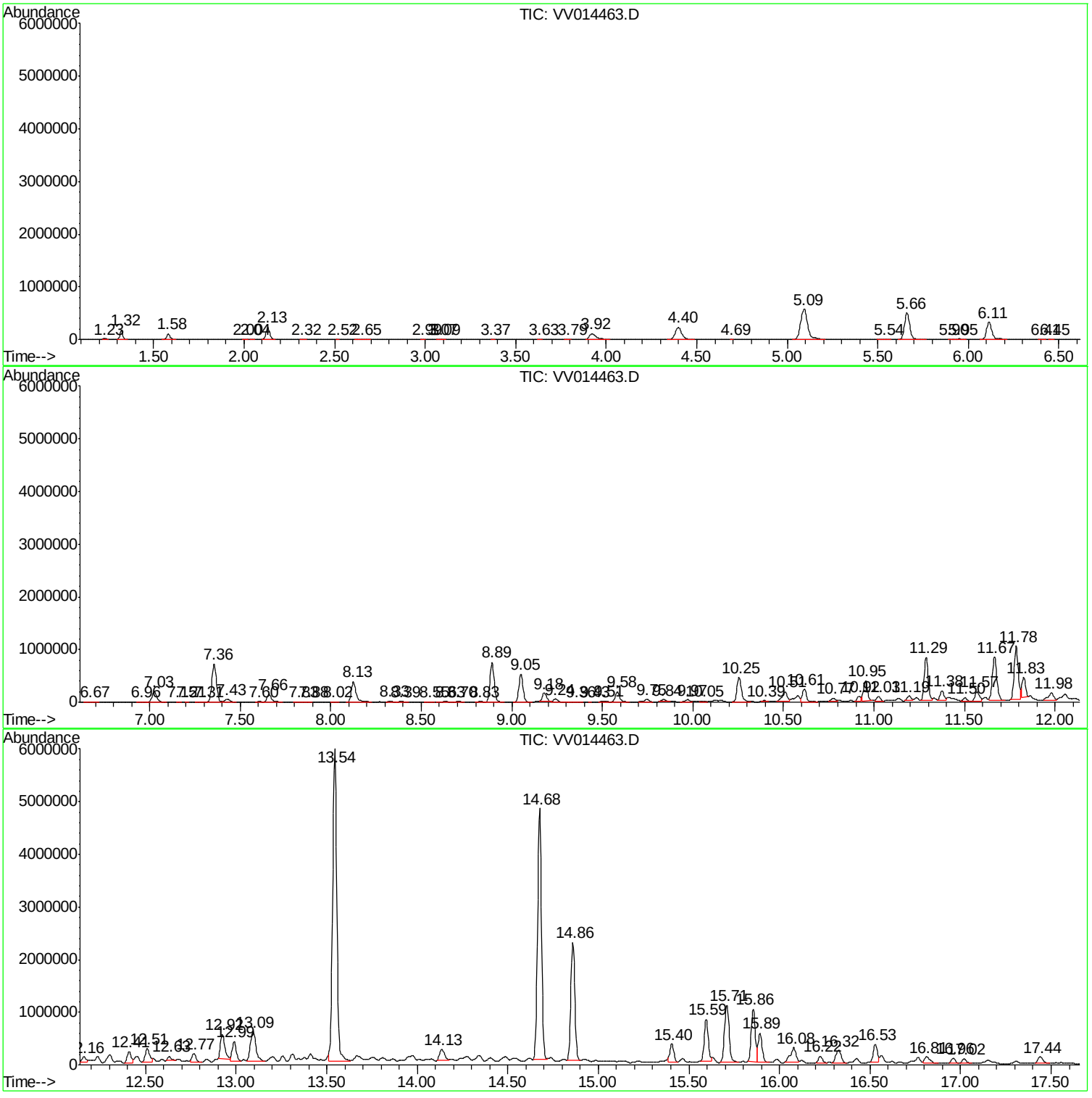
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.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_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

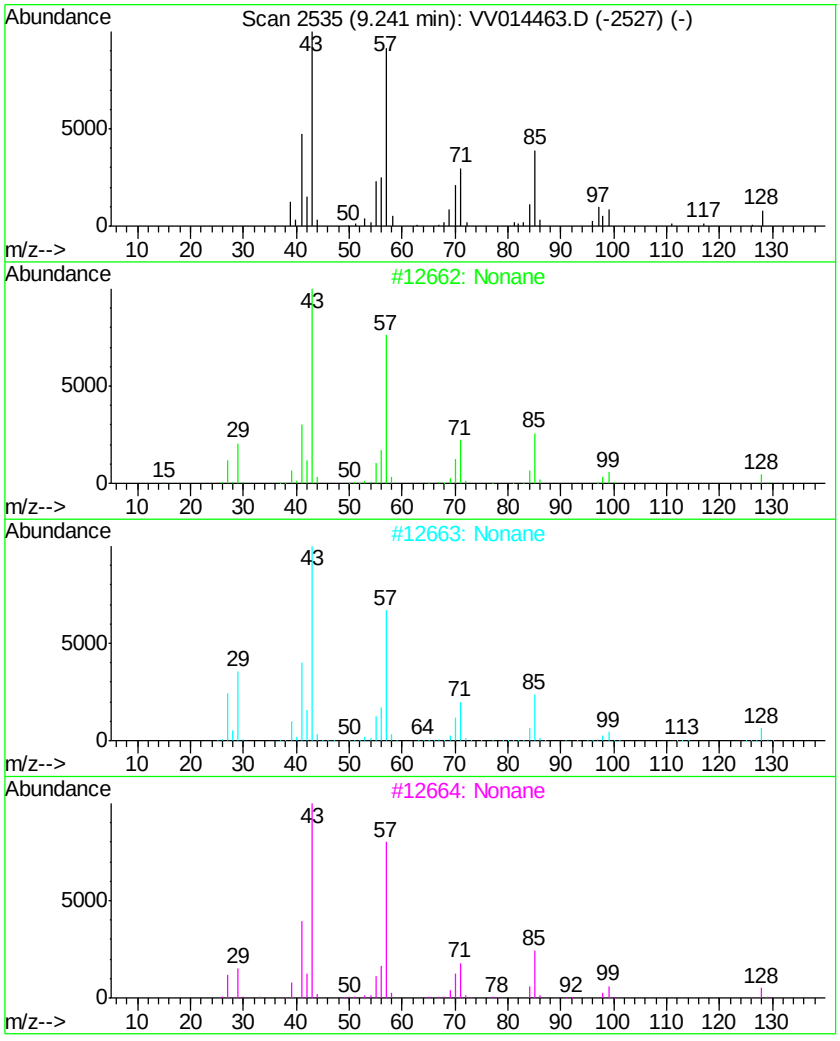
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

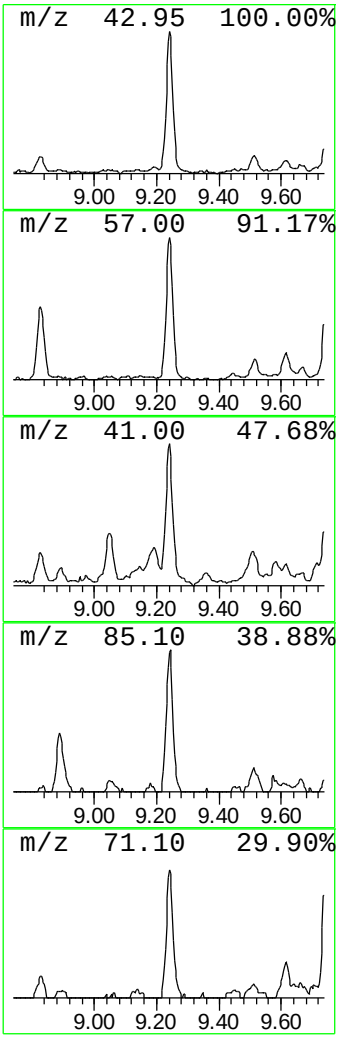
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	4.42 ug/L	108301	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	93
2	Nonane	128	C9H20	000111-84-2	93
3	Nonane	128	C9H20	000111-84-2	90
4	Octane	114	C8H18	000111-65-9	59
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

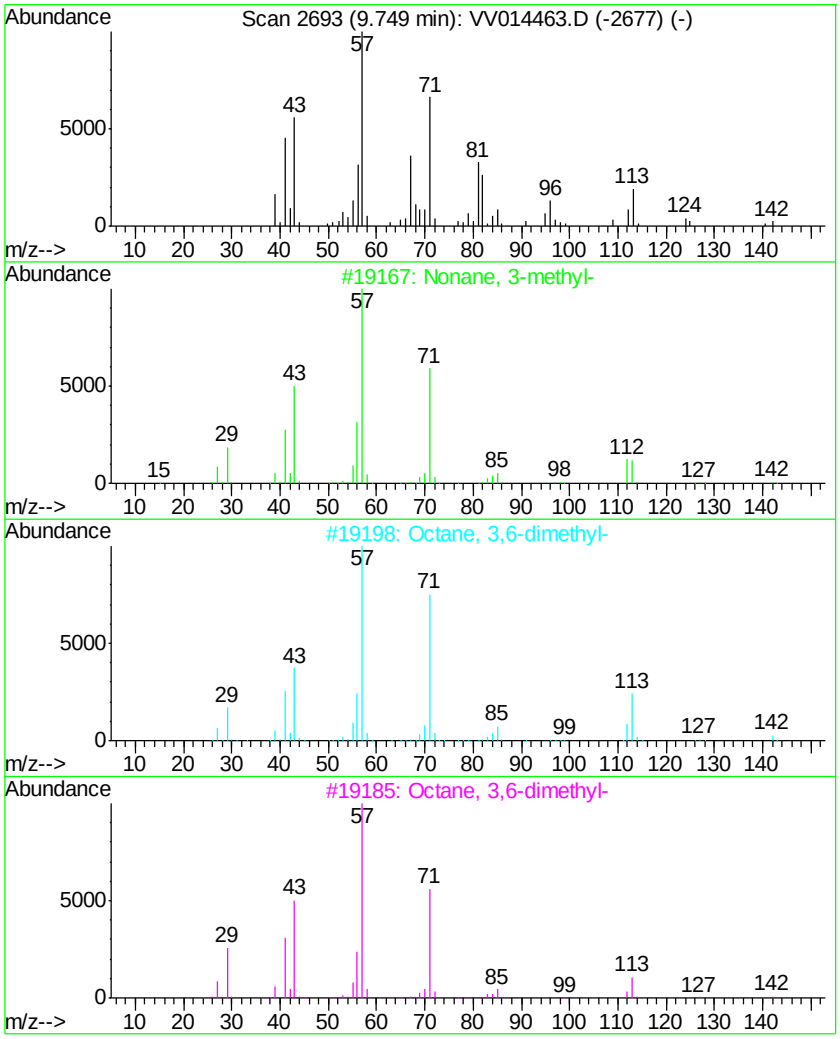
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

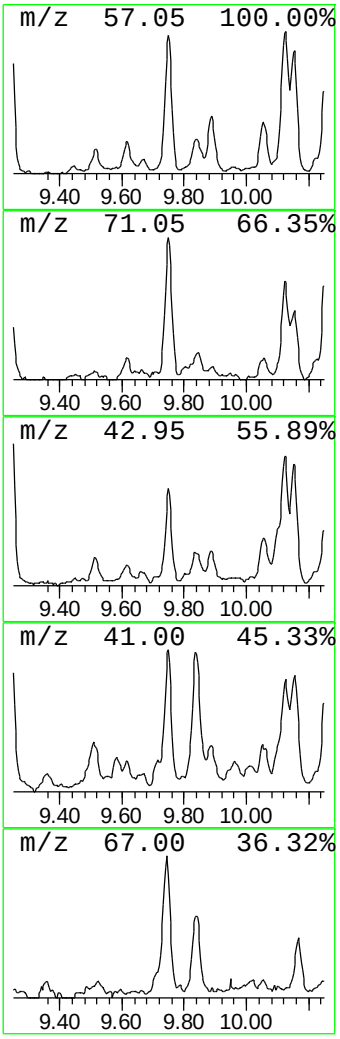
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	3.61 ug/L	88647	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	60
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	60
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	55
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

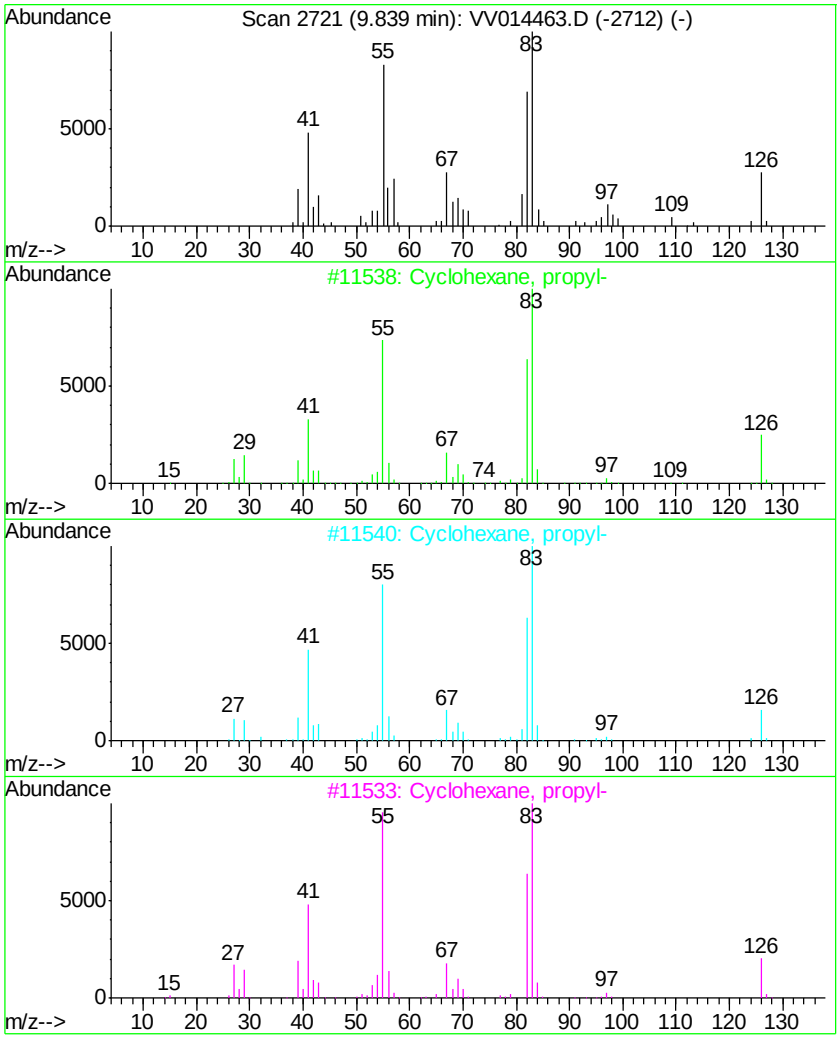
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

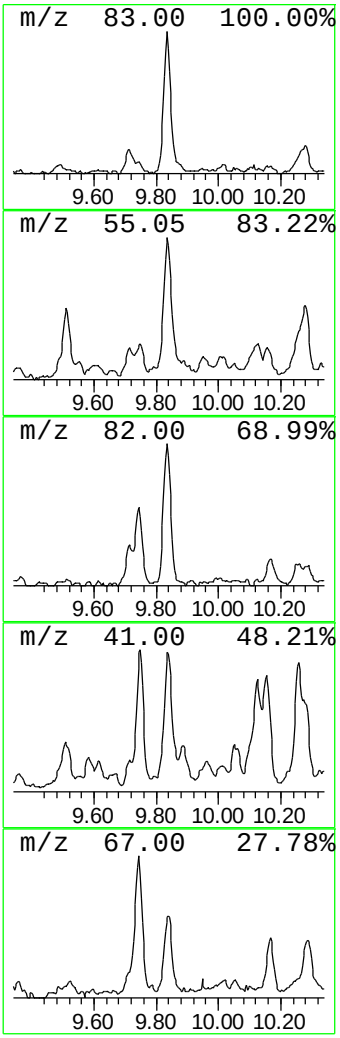
****

Peak Number 4 (DEL) Alkane: Cyclic9.84 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	3.04 ug/L	74524	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	83
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	68
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

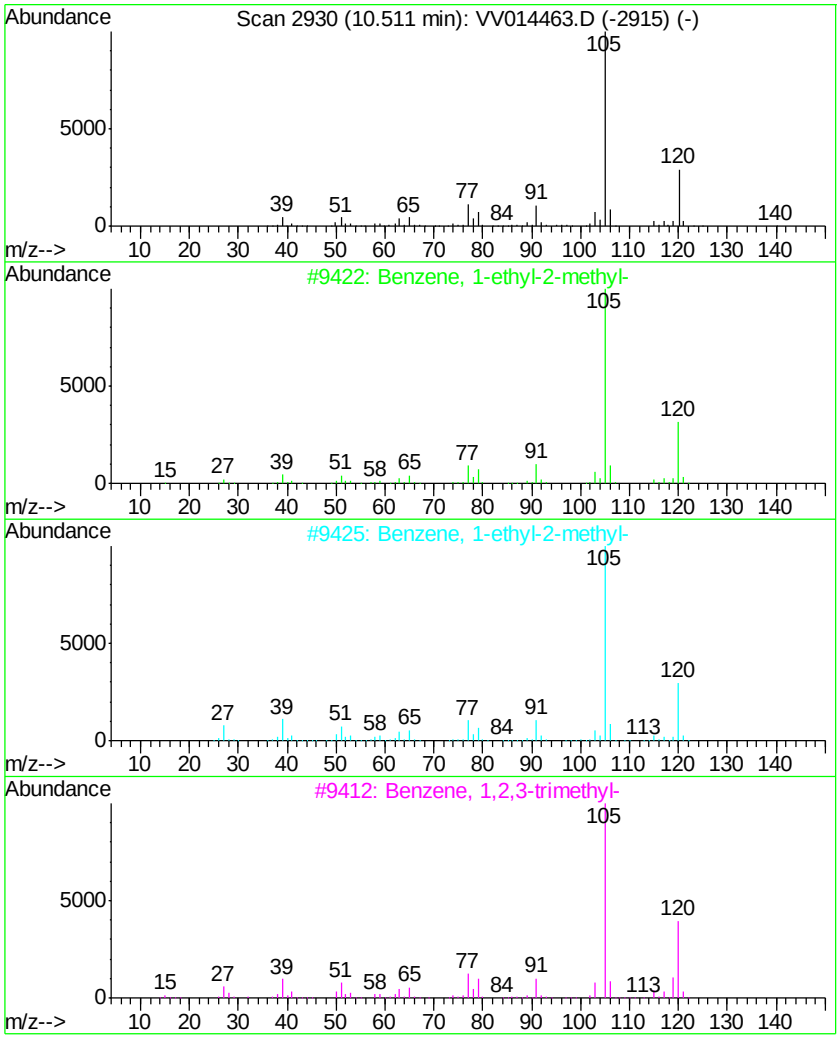
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

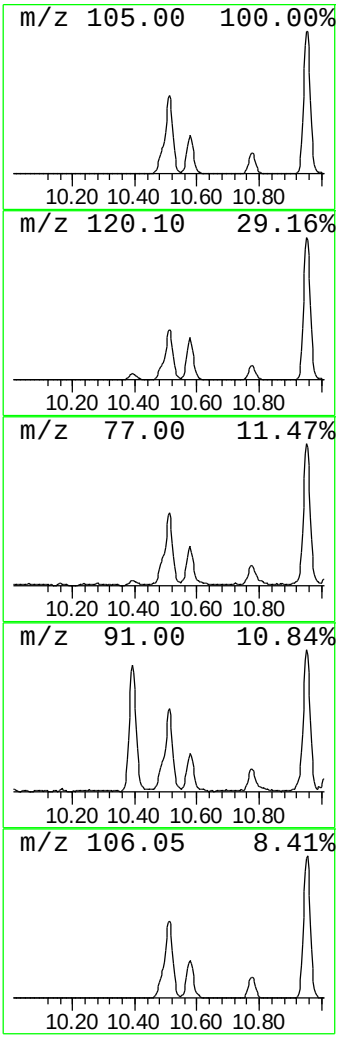
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	14.14 ug/L	360484	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

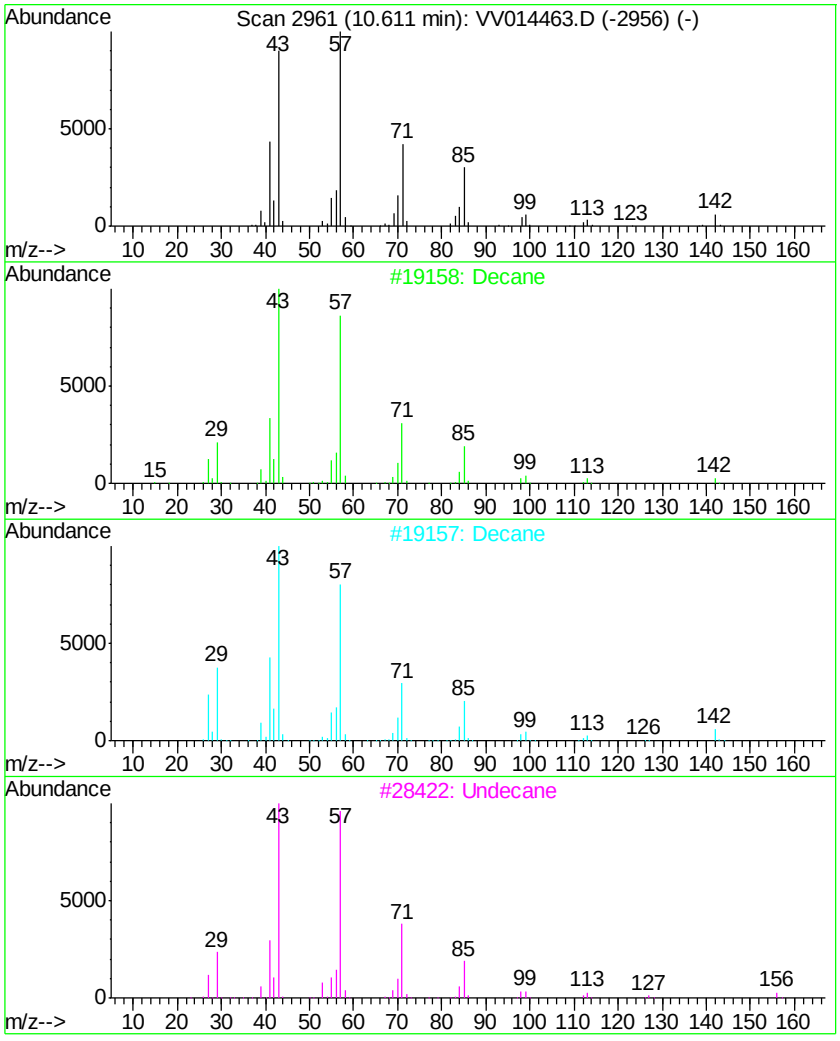
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

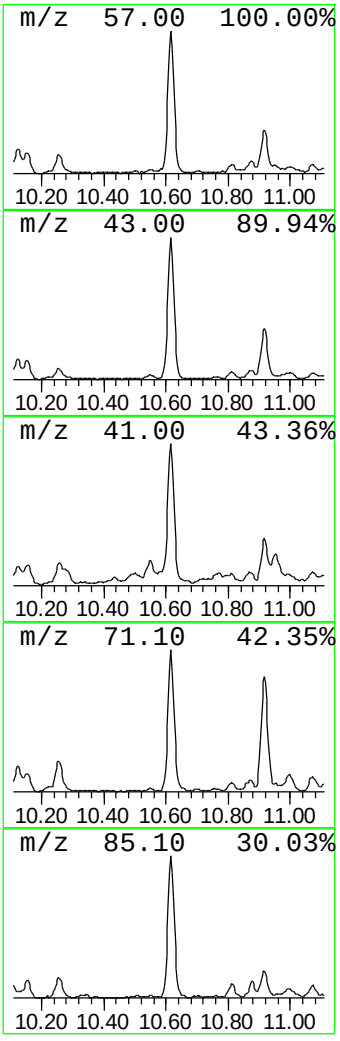
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	14.86 ug/L	378674	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Decane	142	C10H22	000124-18-5	87
3	Undecane	156	C11H24	001120-21-4	78
4	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	72
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

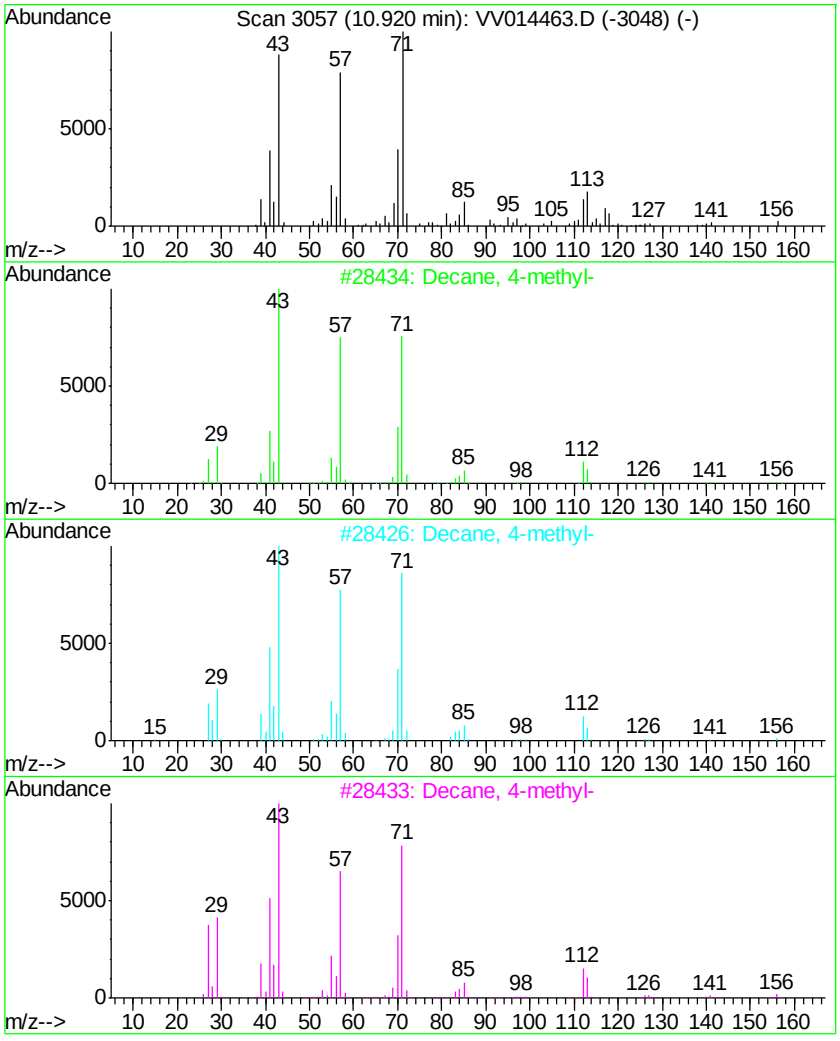
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

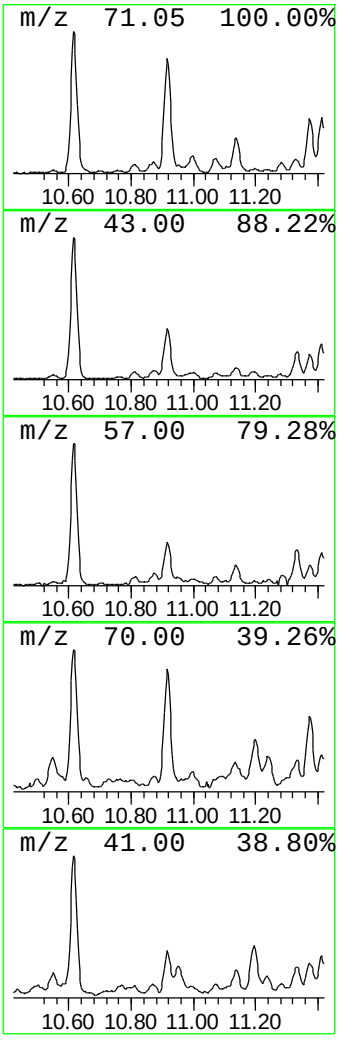
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	5.33 ug/L	135938	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2	Decane, 4-methyl-	156	C11H24	002847-72-5	90
3	Decane, 4-methyl-	156	C11H24	002847-72-5	87
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

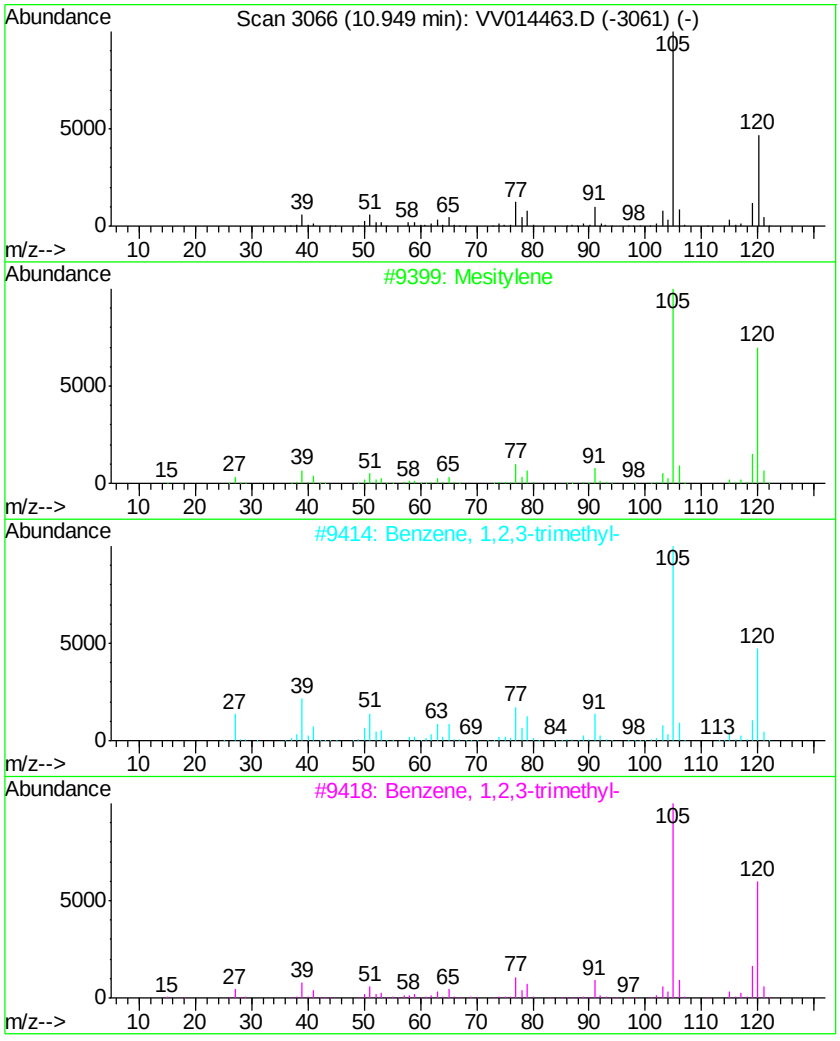
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

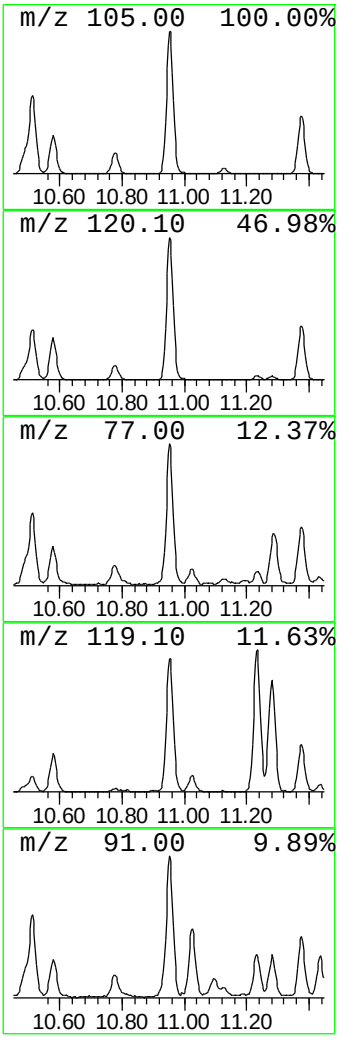
****

Peak Number 9 Mesitylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	22.49 ug/L	573324	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

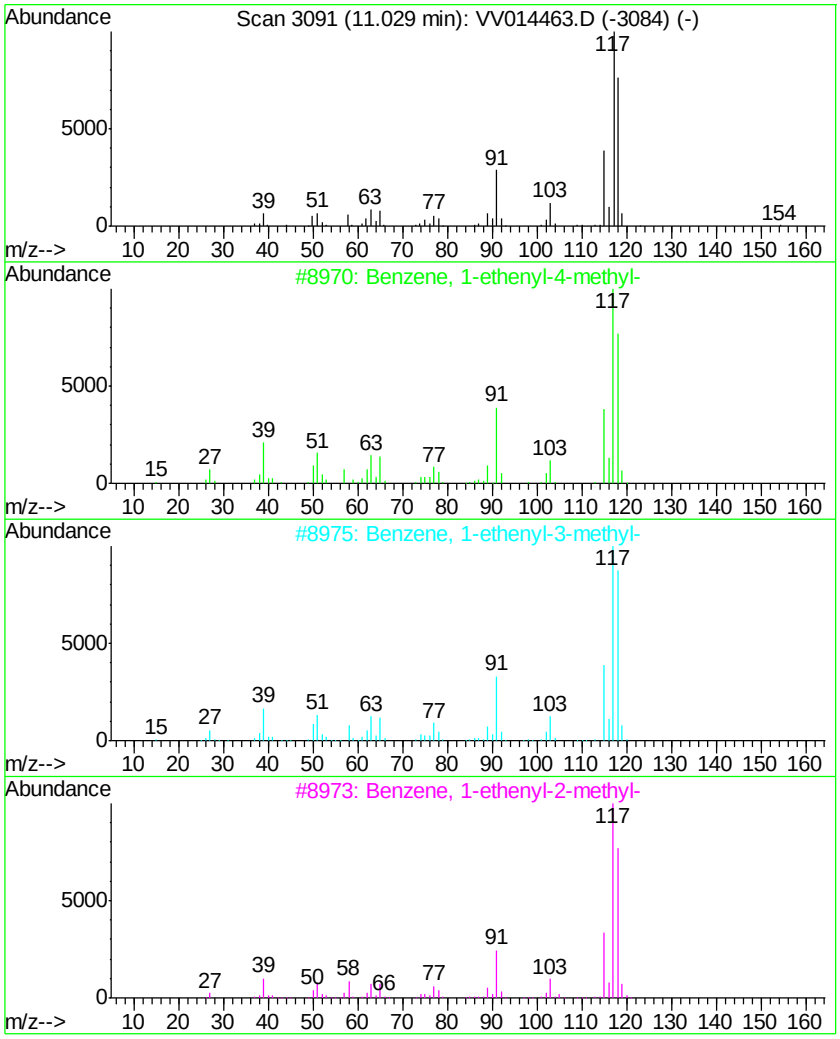
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

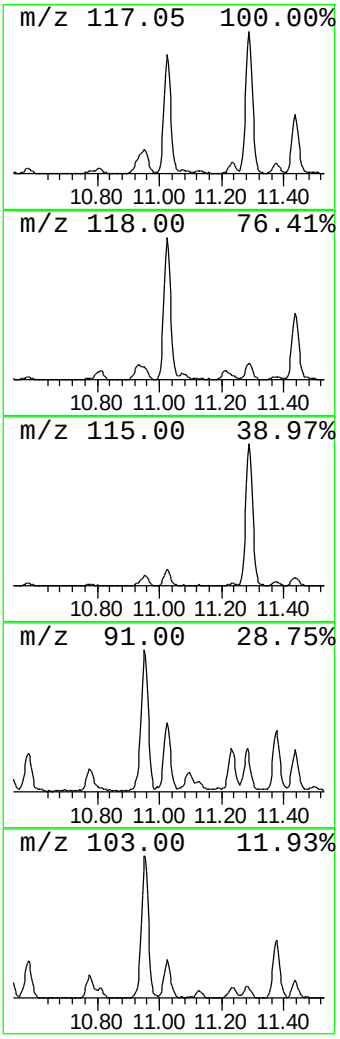
****

Peak Number 10 Benzene, 1-ethenyl-4-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	4.84 ug/L	123317	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

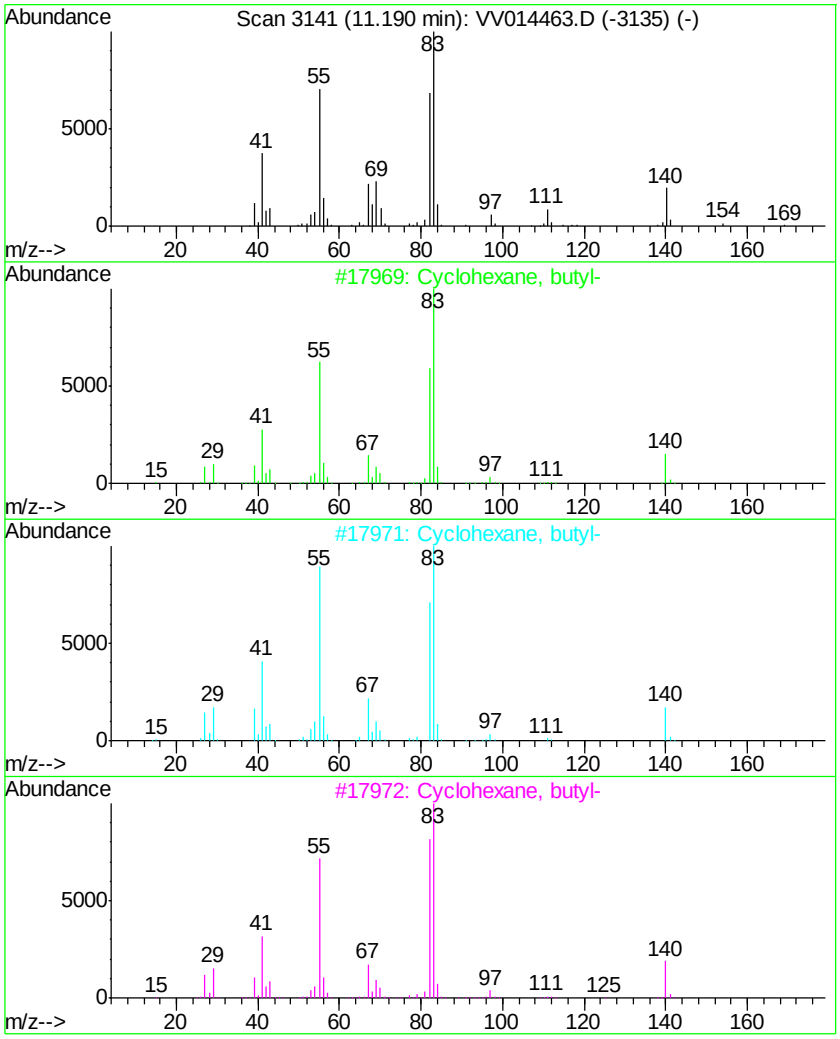
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

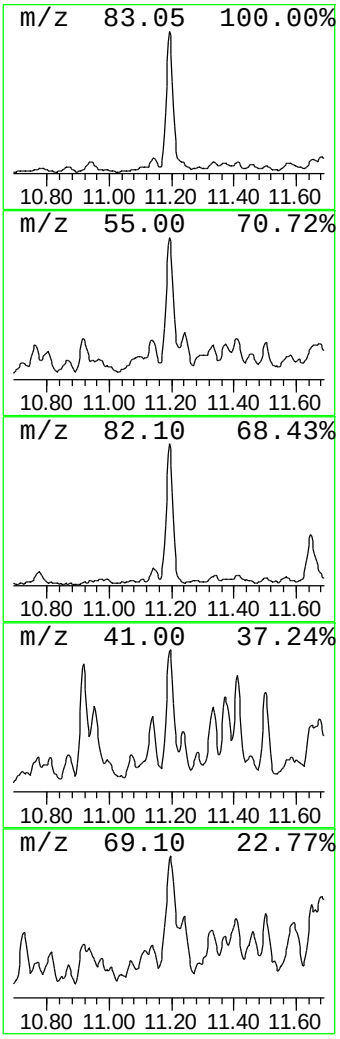
****

Peak Number 11 (DEL) Alkane: Cyclic11.19 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	5.35 ug/L	136320	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	93
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

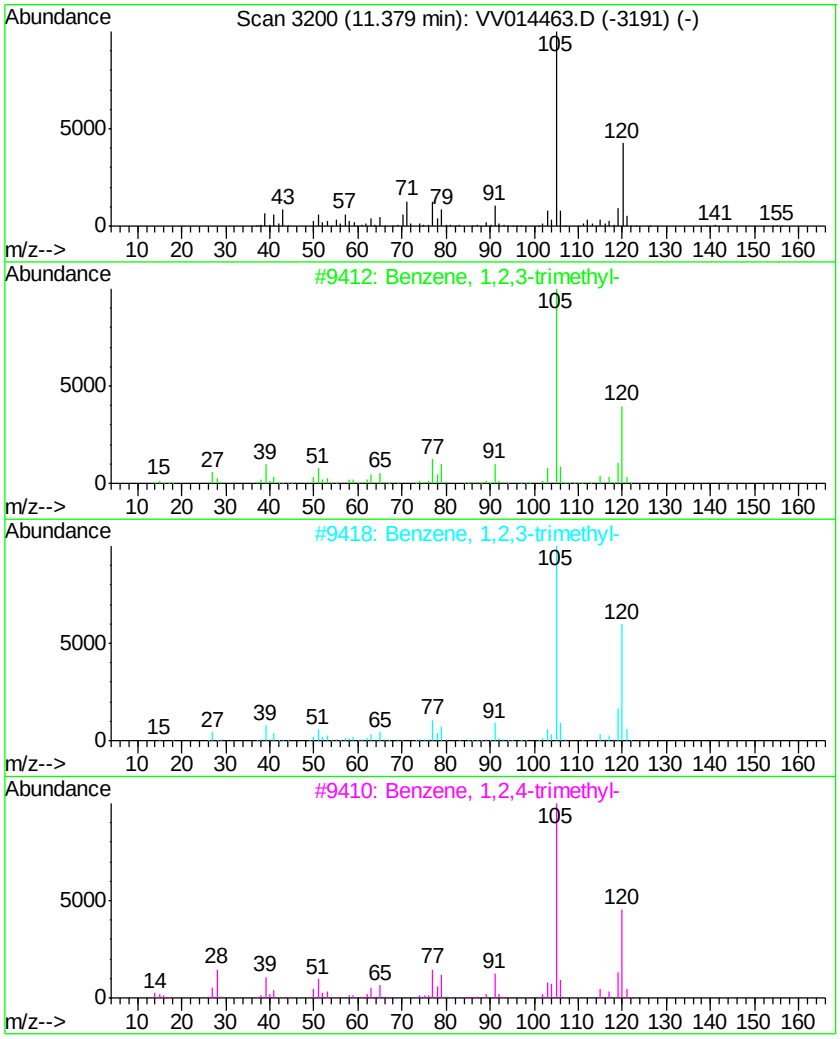
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

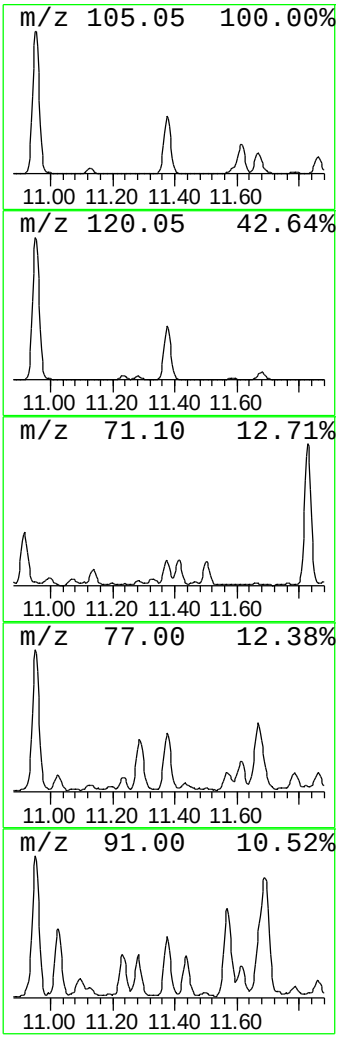
****

Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	10.12 ug/L	257869	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

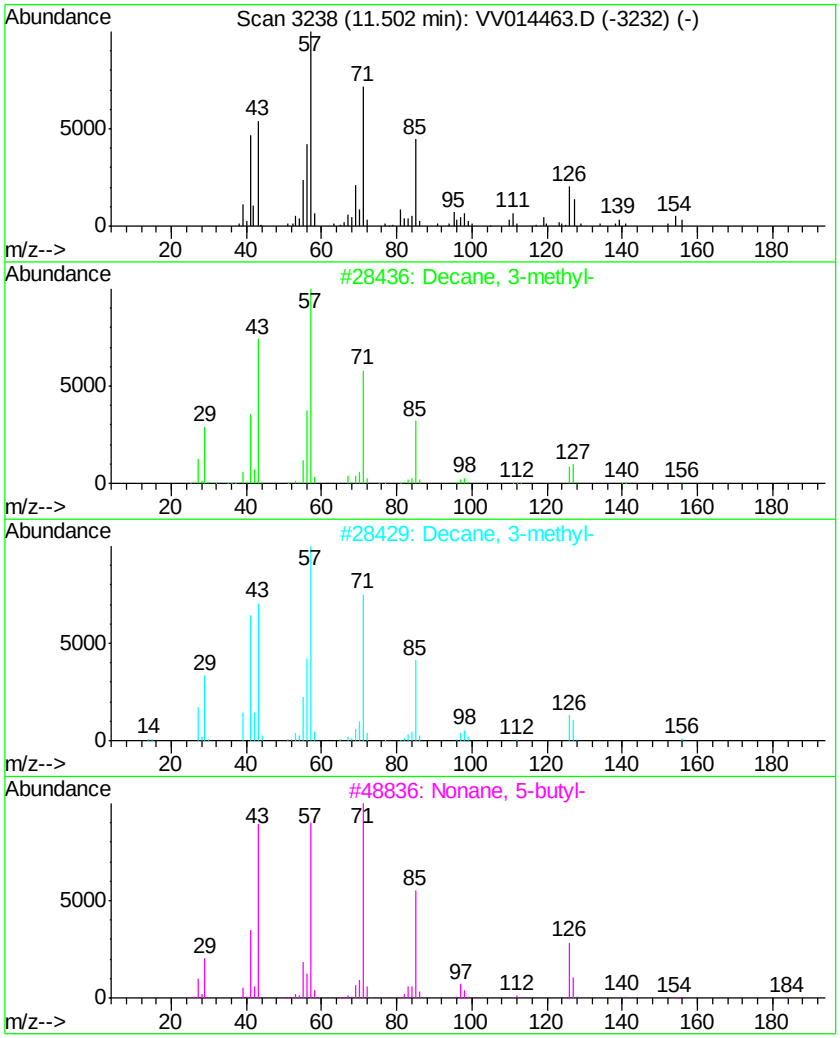
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

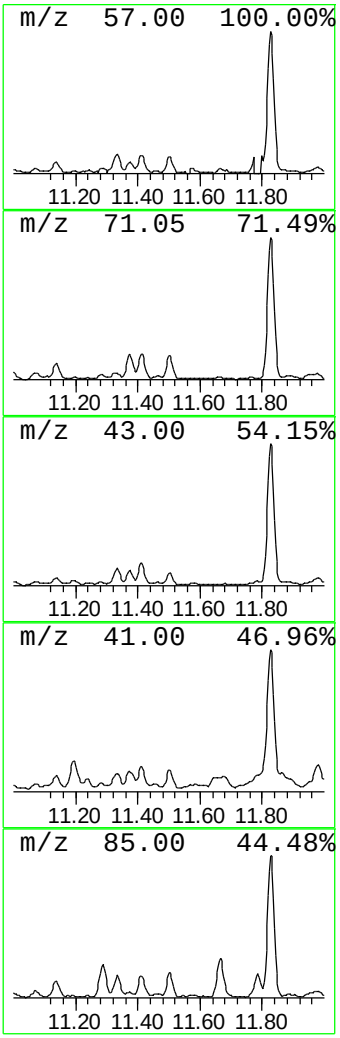
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	3.34 ug/L	85222	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	72
2	Decane, 3-methyl-	156	C11H24	013151-34-3	64
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	52
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	47
5	Decane	142	C10H22	000124-18-5	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

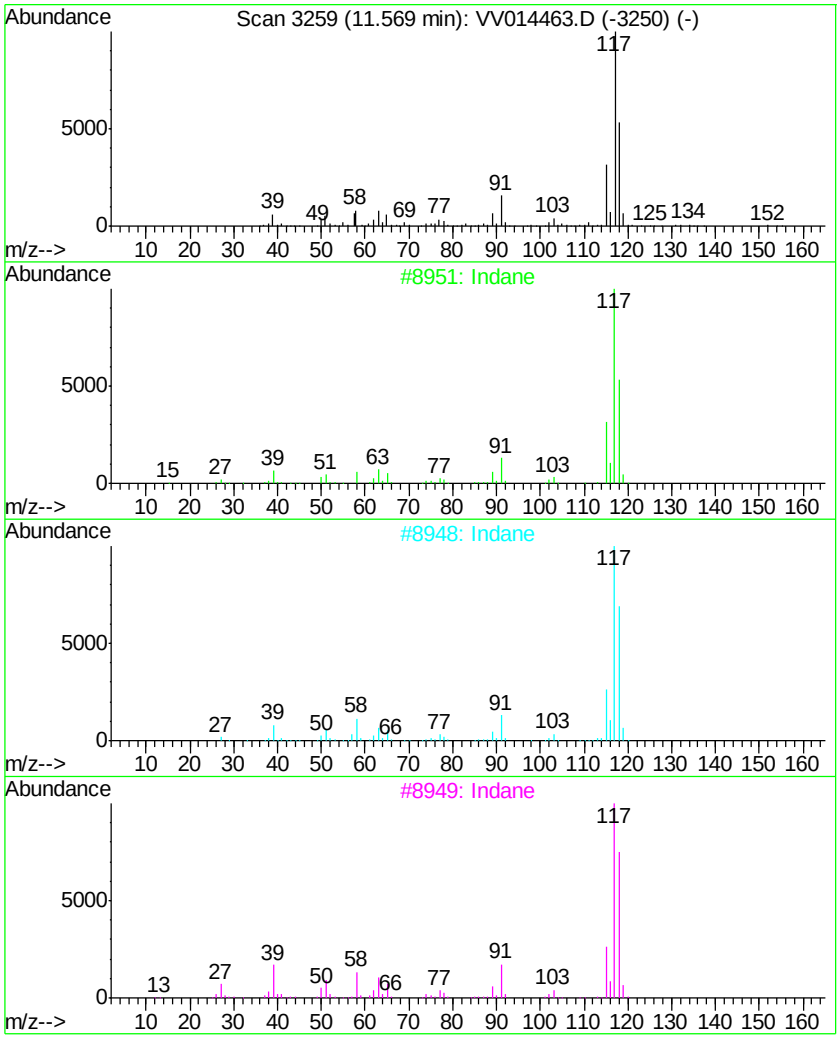
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

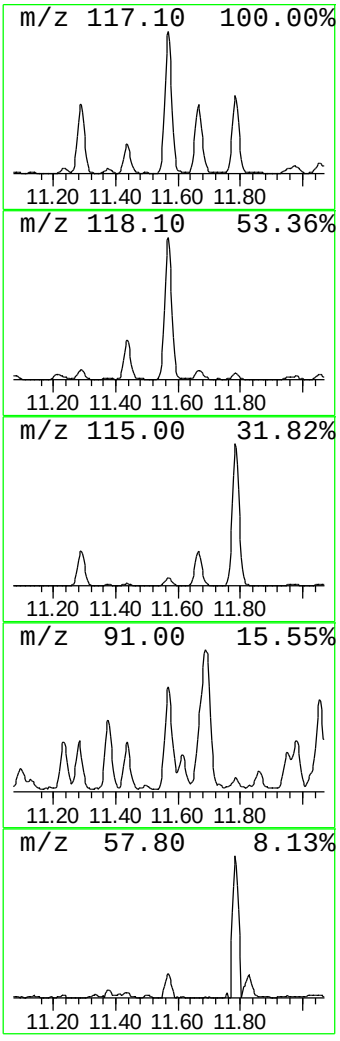
****

Peak Number 14 Indane Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	11.93 ug/L	304139	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	91
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

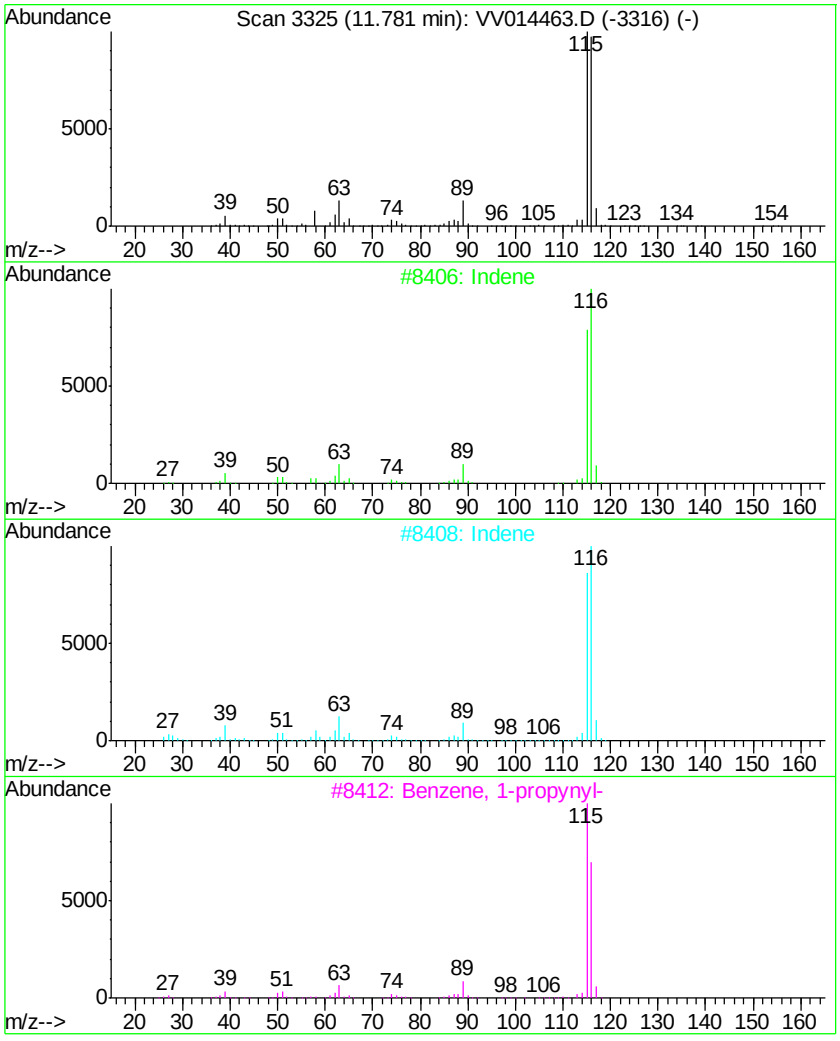
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

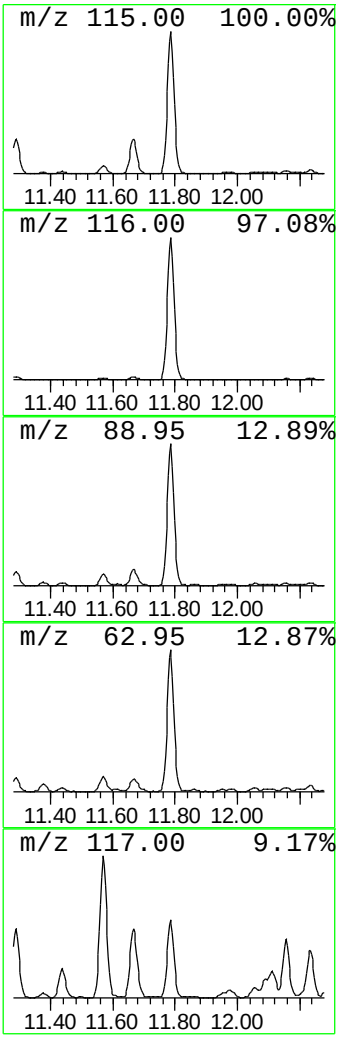
****

Peak Number 15 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	63.88 ug/L	1628470	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Indene	116	C9H8	000095-13-6	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

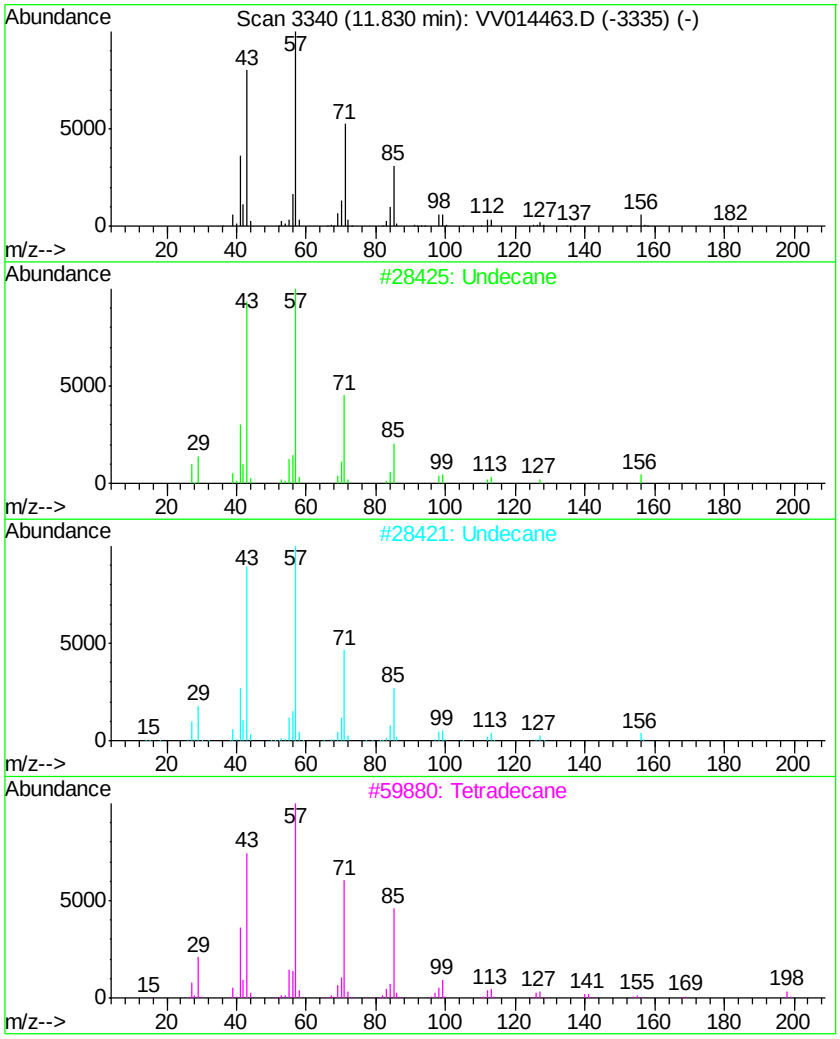
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

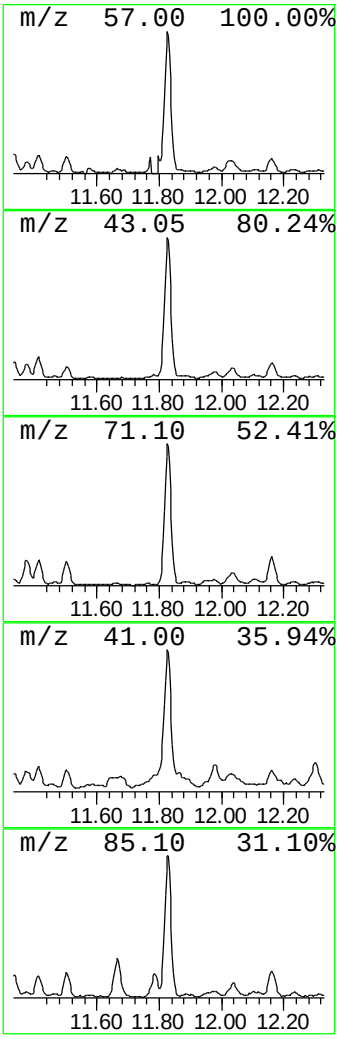
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	18.61 ug/L	474494	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	93
2	Undecane	156	C11H24	001120-21-4	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

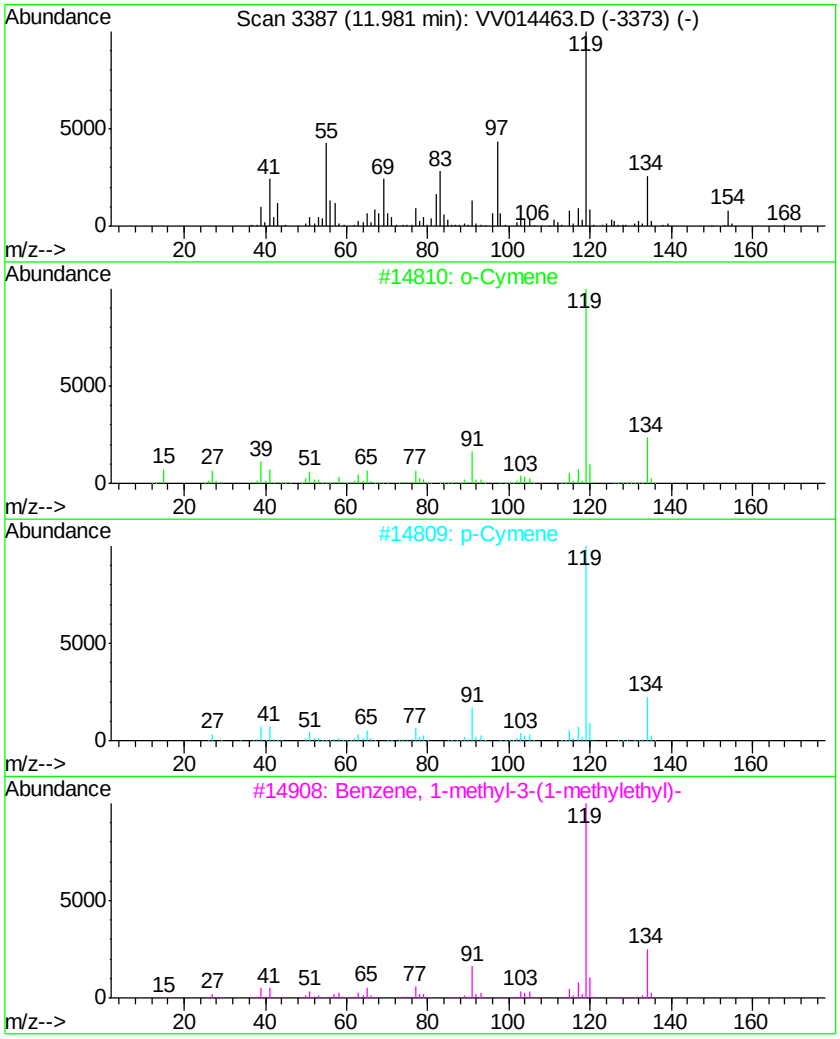
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

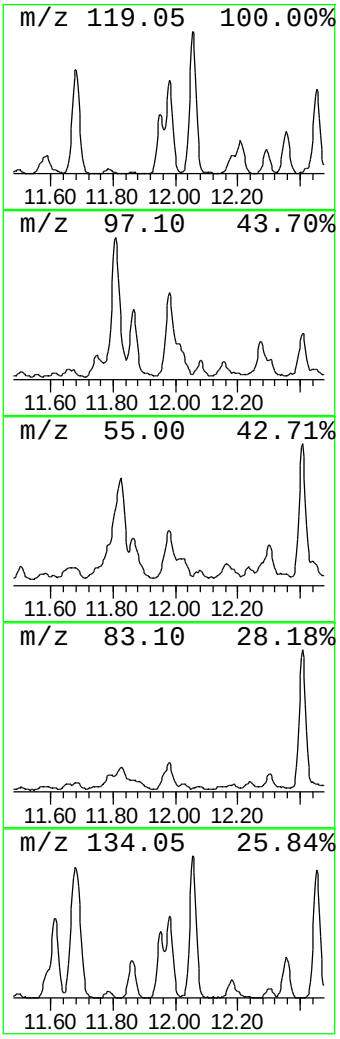
****

Peak Number 17 o-Cymene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	10.33 ug/L	263250	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	p-Cymene	134	C10H14	000099-87-6	90
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
4	o-Cymene	134	C10H14	000527-84-4	90
5	o-Cymene	134	C10H14	000527-84-4	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

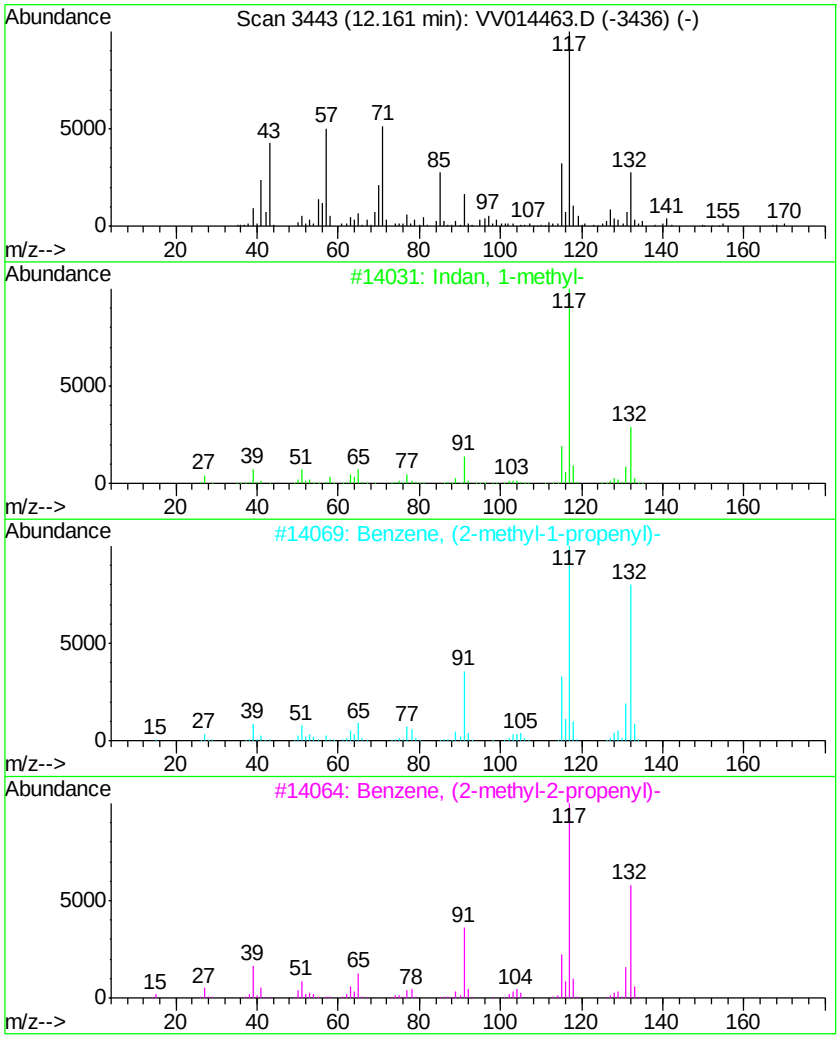
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

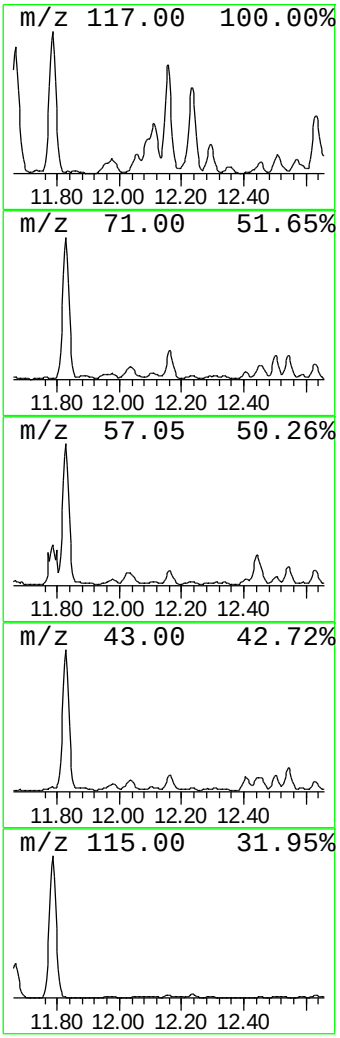
****

Peak Number 18 Indan, 1-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	6.12 ug/L	156072	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	60
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	58
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	58
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	52
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

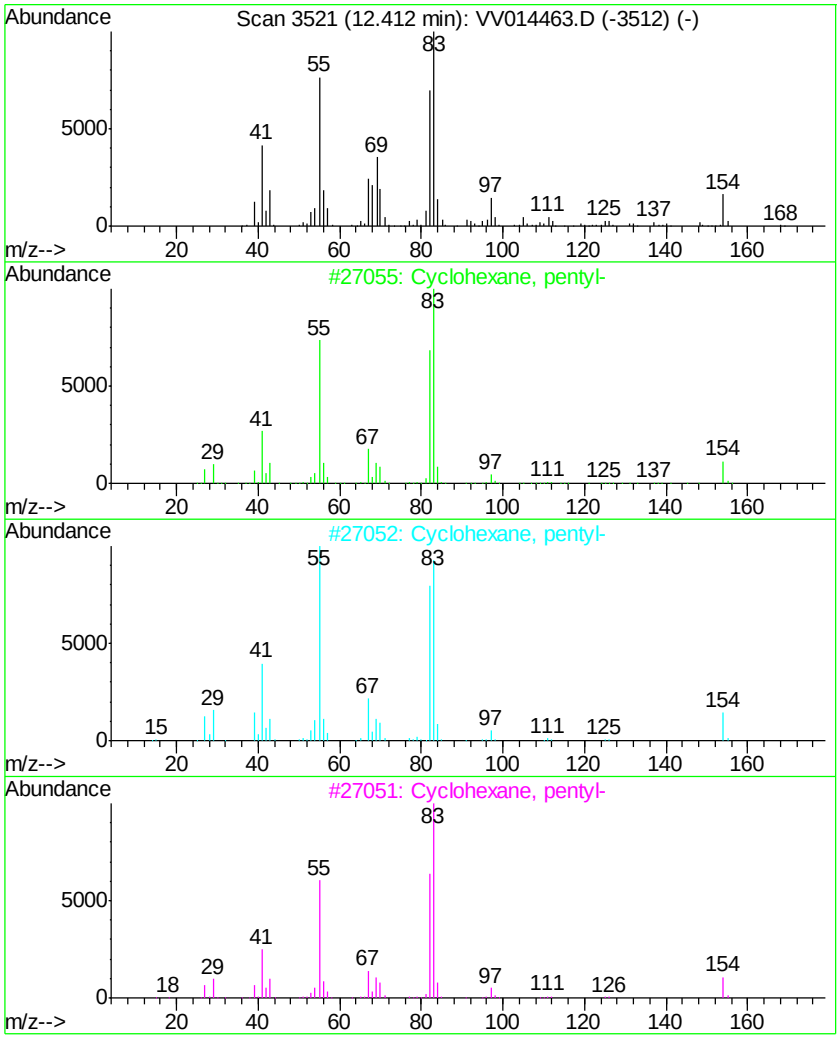
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

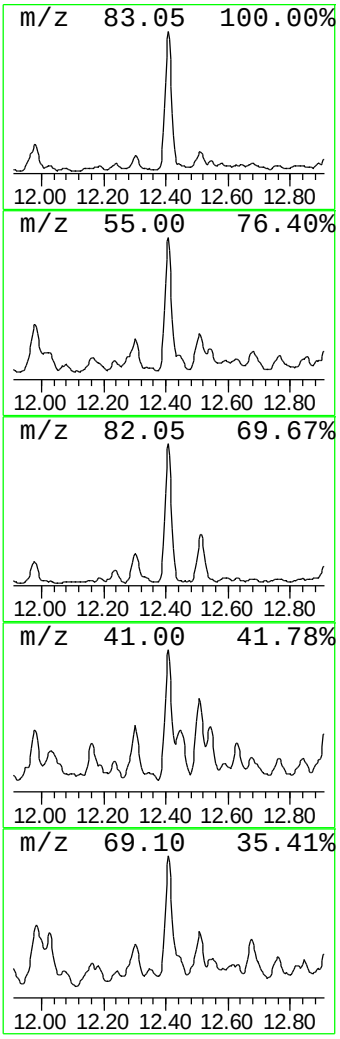
****

Peak Number 19 (DEL) Alkane: Cyclic12.41 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	13.11 ug/L	334109	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
4	Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	53
5	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

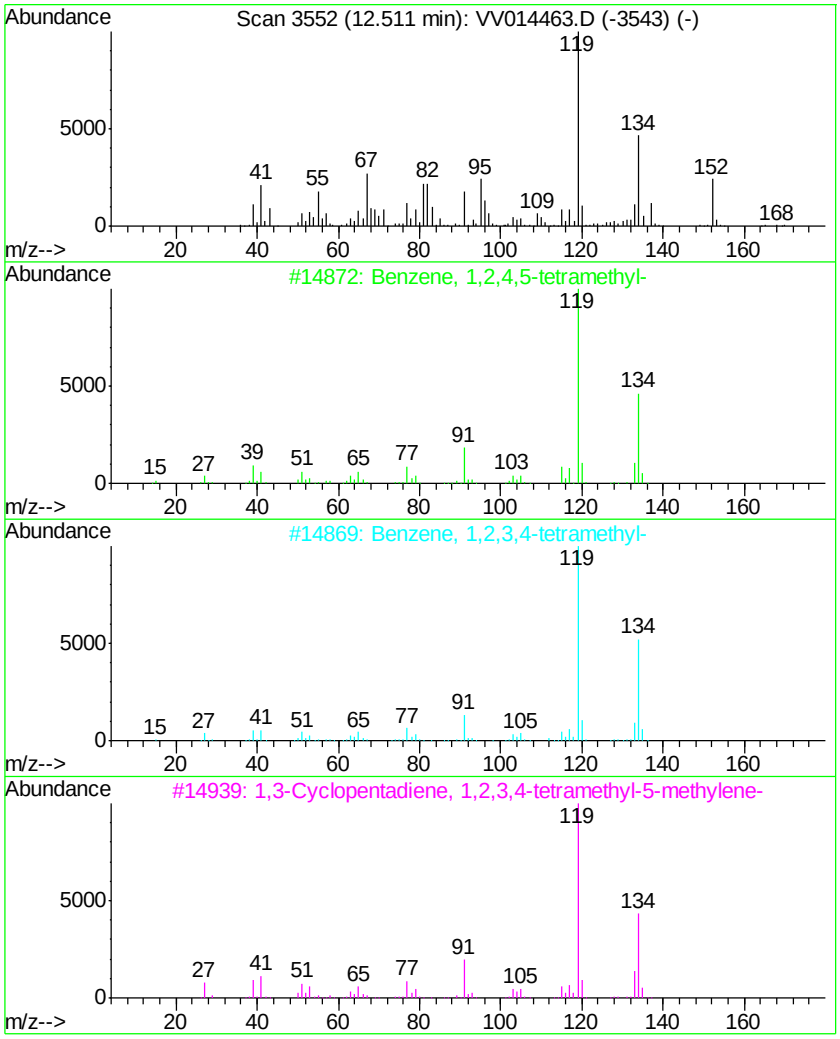
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

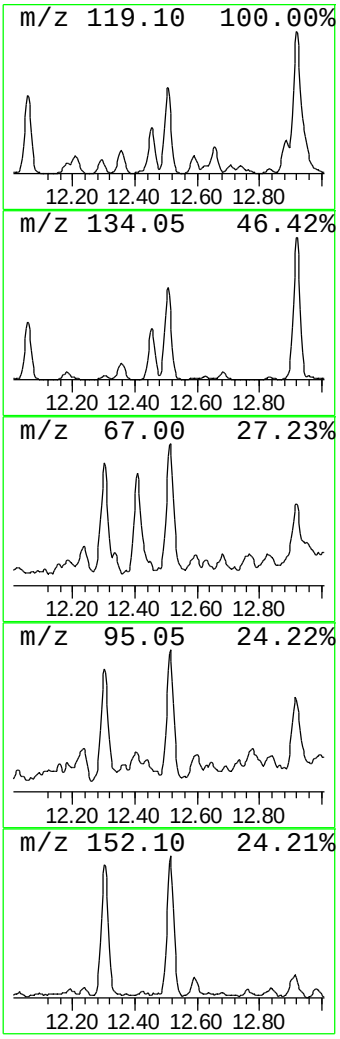
****

Peak Number 20 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	17.69 ug/L	450936	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

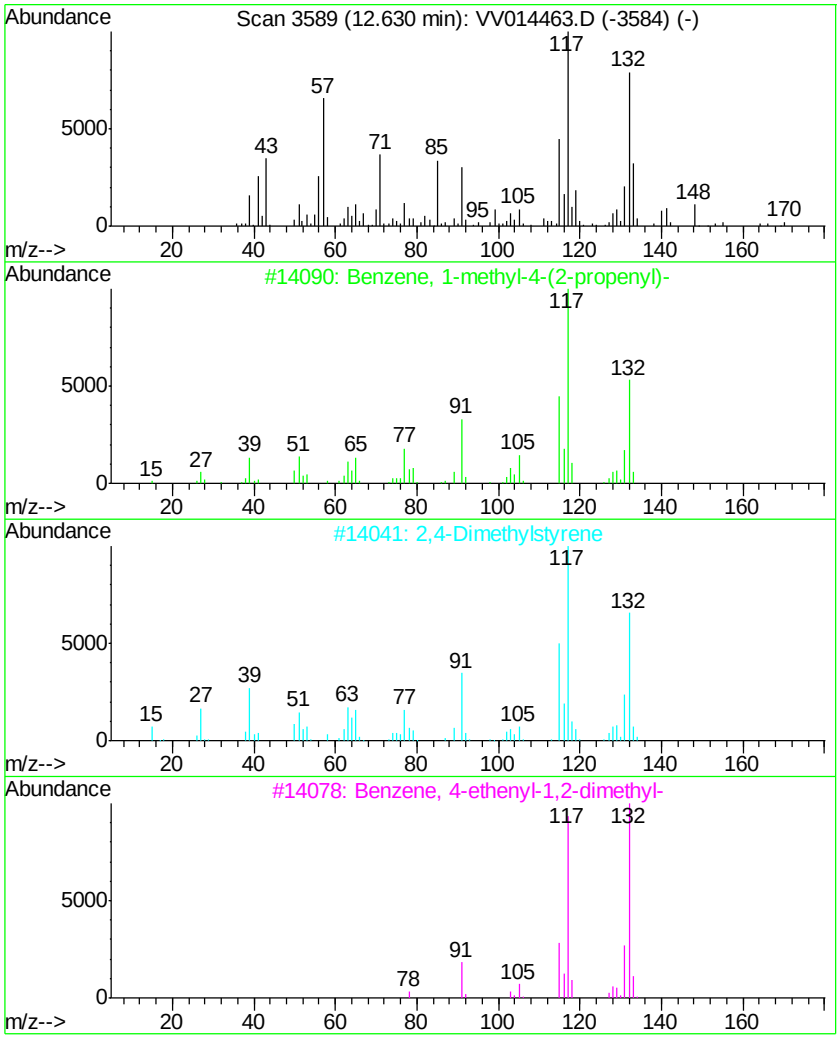
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

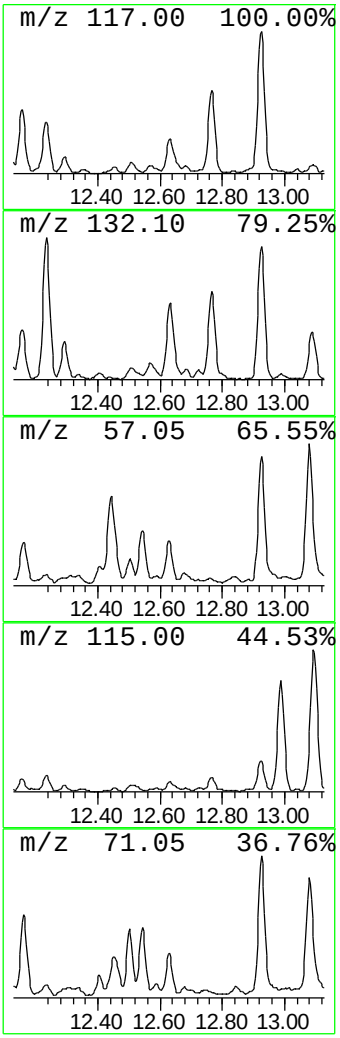
****

Peak Number 21 Benzene, 1-methyl-4-(2-prop... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	4.42 ug/L	112782	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
3	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	93
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	93
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	92





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

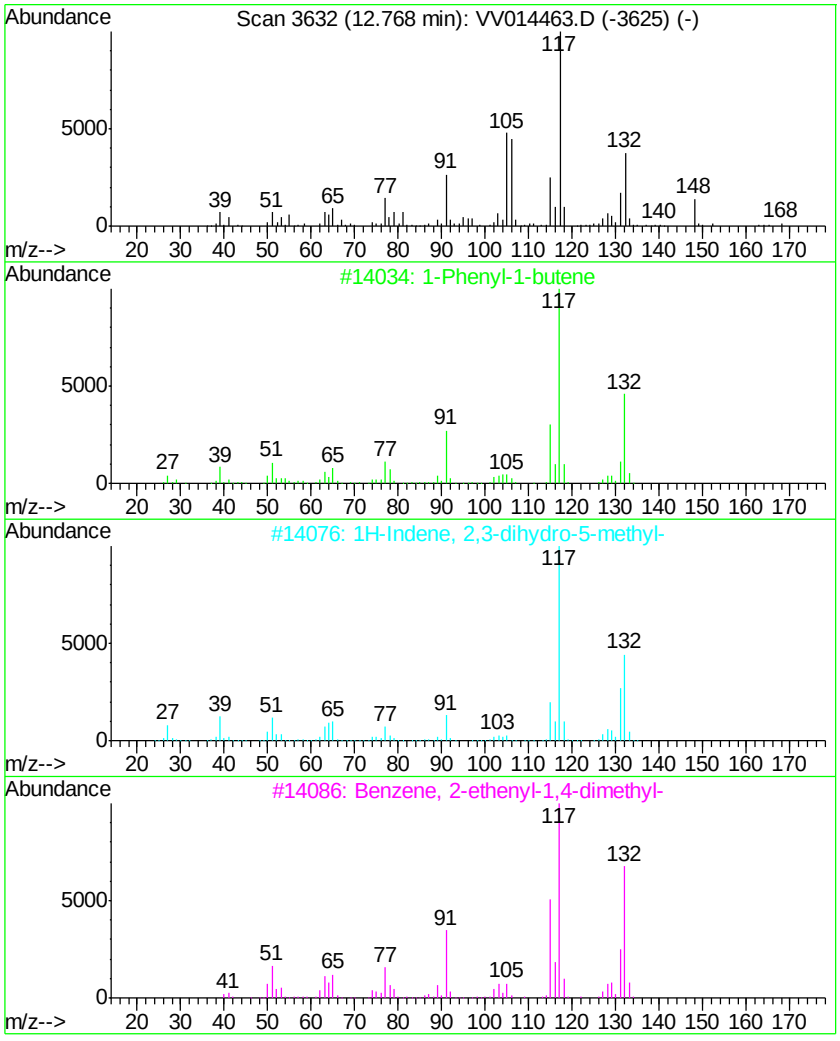
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

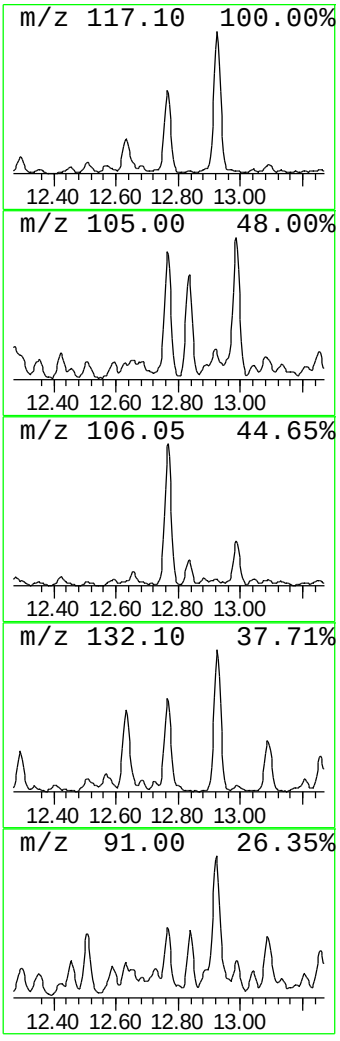
****

Peak Number 22 1-Phenyl-1-butene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	9.27 ug/L	236233	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

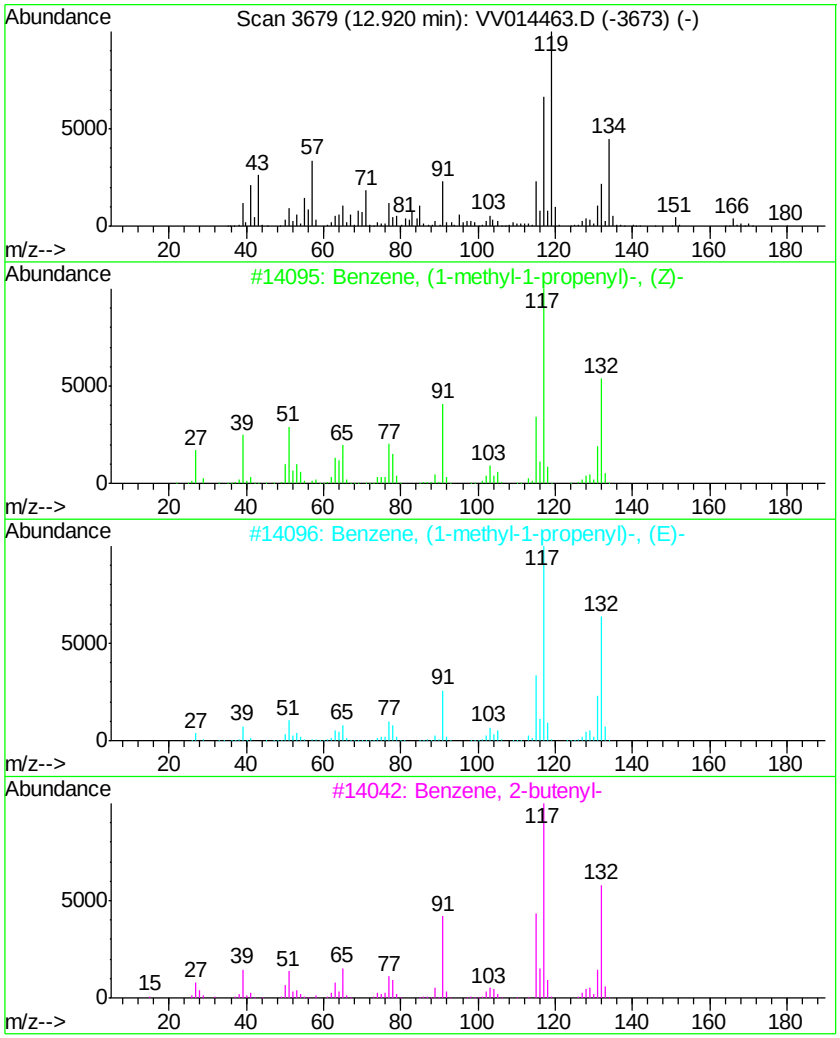
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

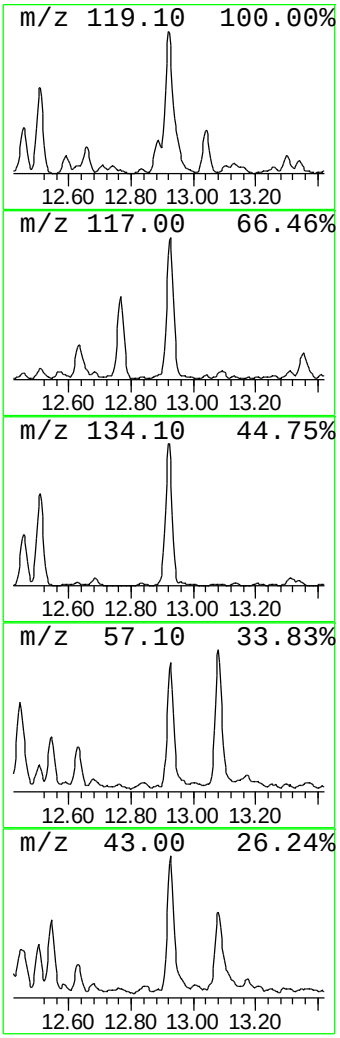
****

Peak Number 23 Benzene, (1-methyl-1-propen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	29.70 ug/L	757086	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	84
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	84
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	52
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

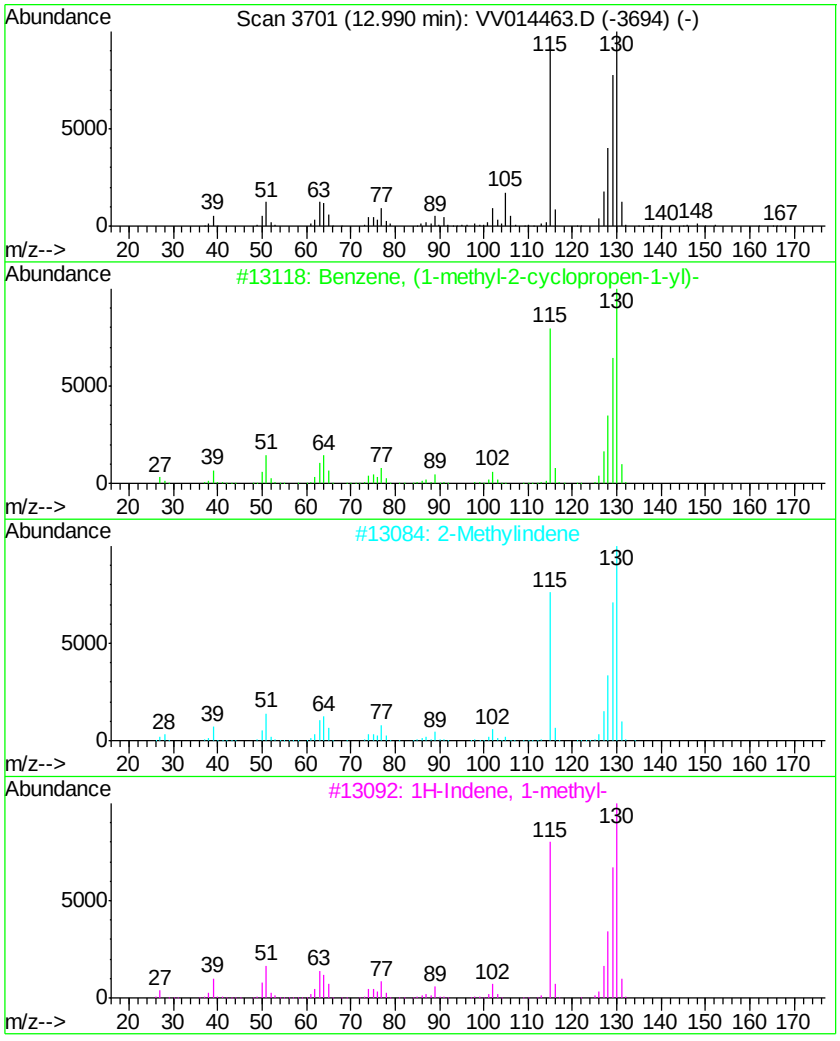
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

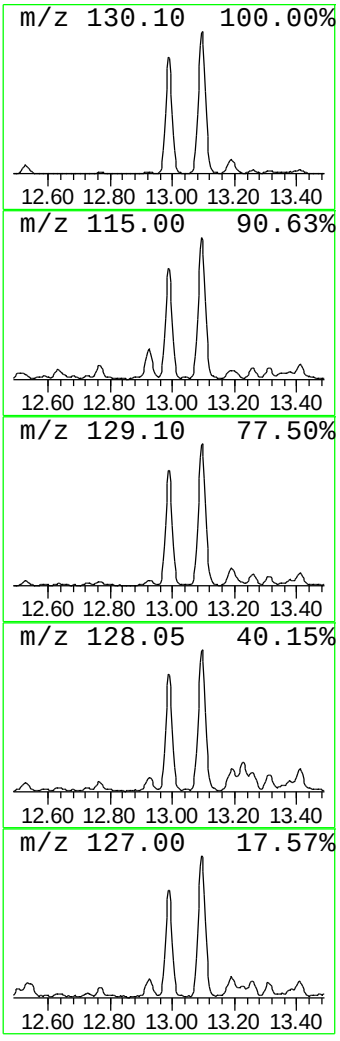
****

Peak Number 24 Benzene, (1-methyl-2-cyclop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	22.57 ug/L	575255	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

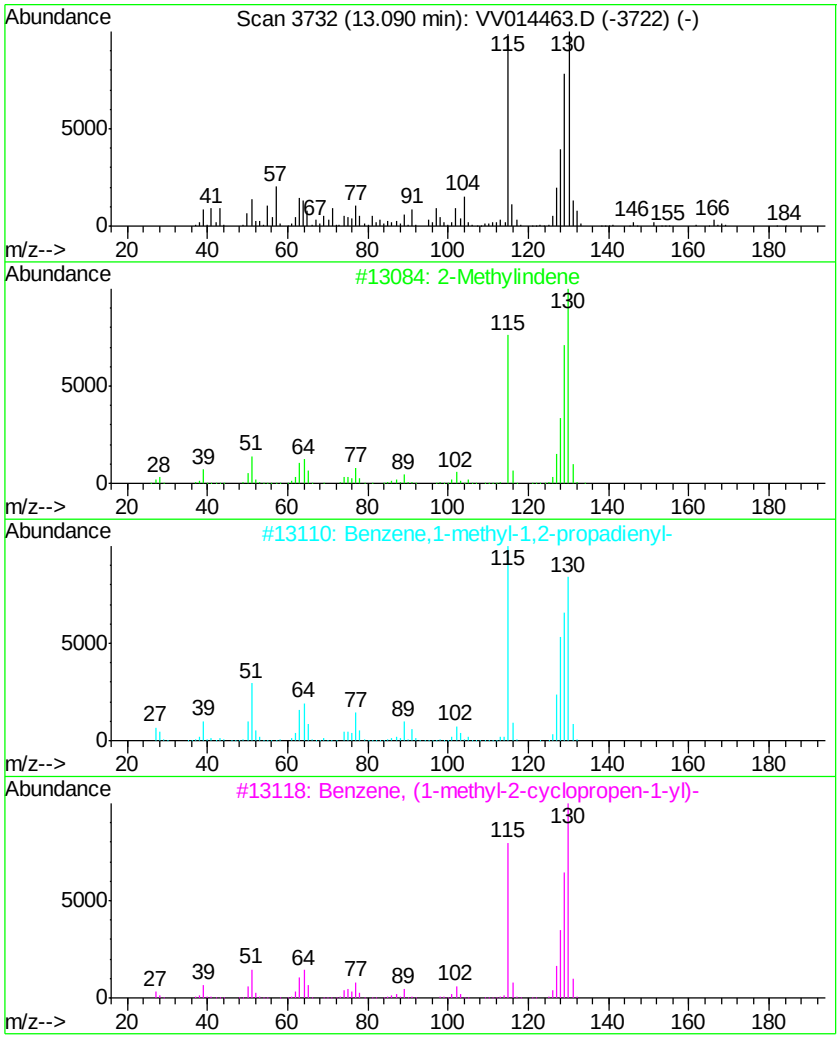
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

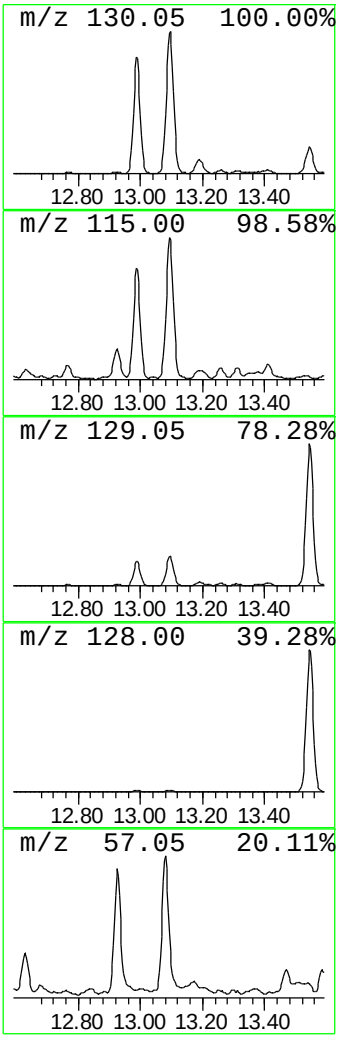
****

Peak Number 25 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	45.85 ug/L	1168650	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

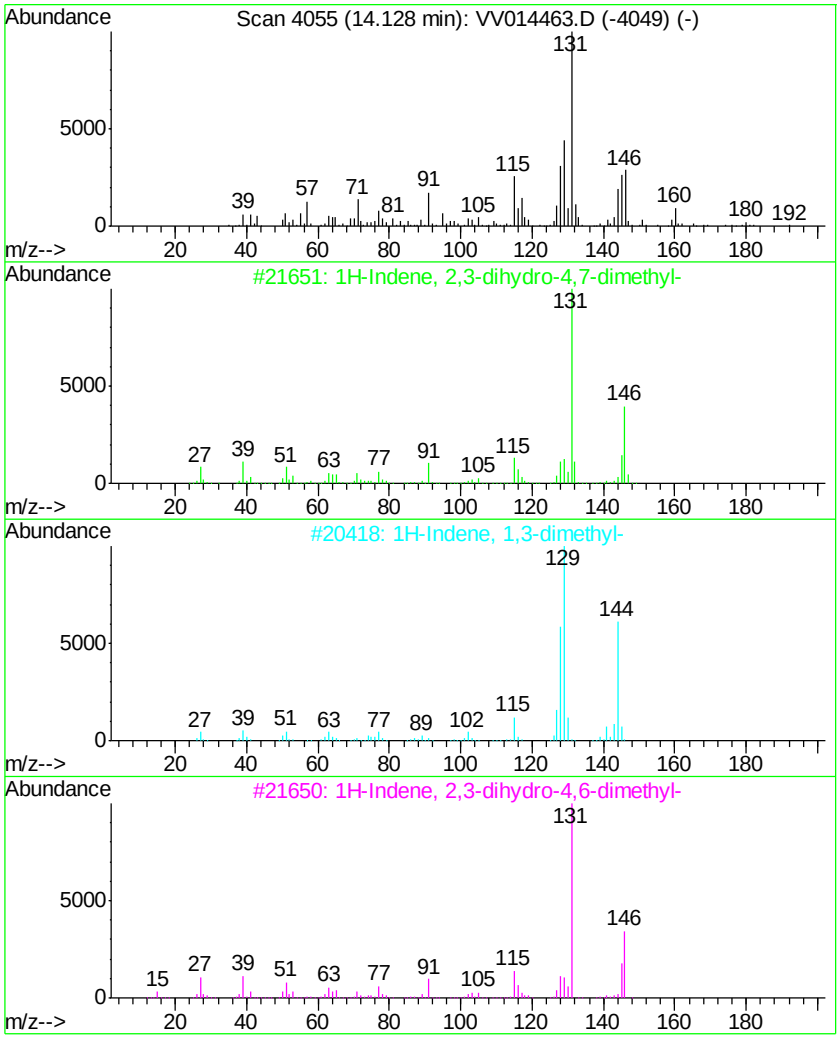
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

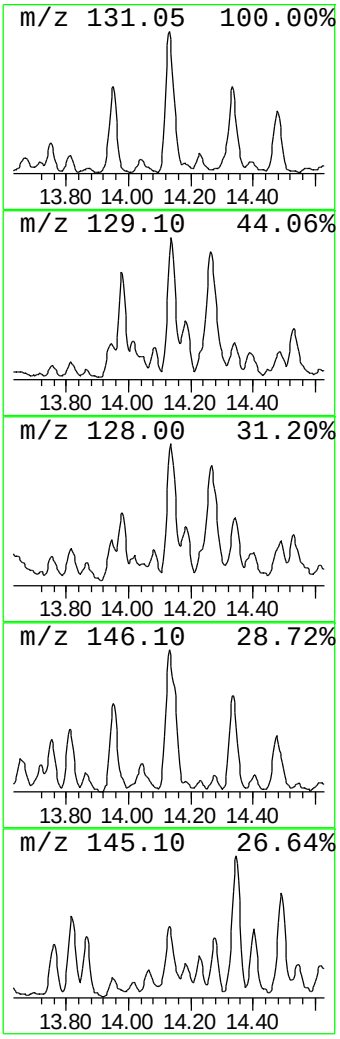
****

Peak Number 27 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	15.87 ug/L	404568	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	46
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	46
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	45
5	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

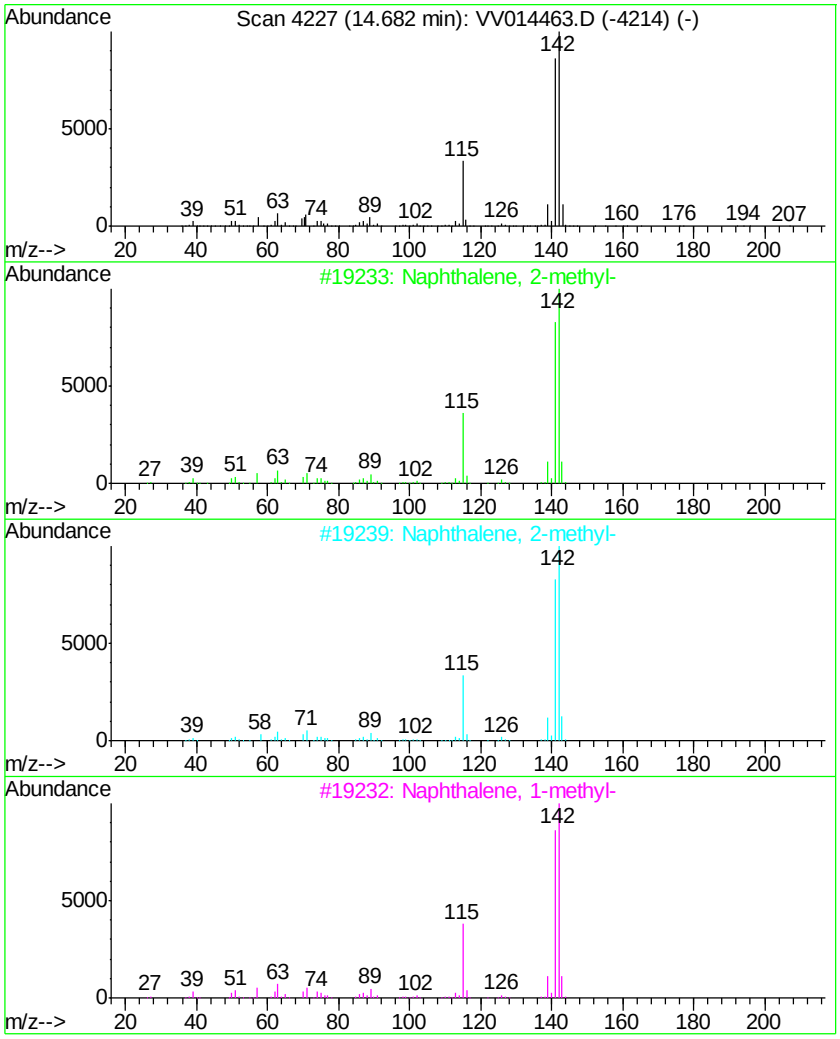
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

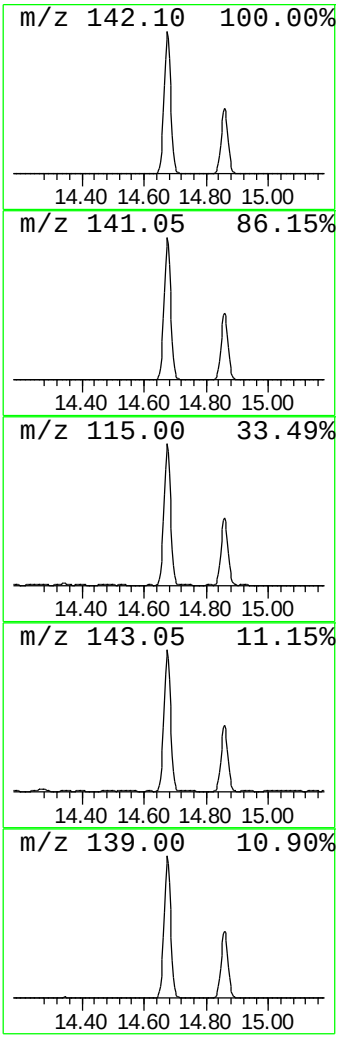
****

Peak Number 28 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	281.70 ug/L	7180800	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

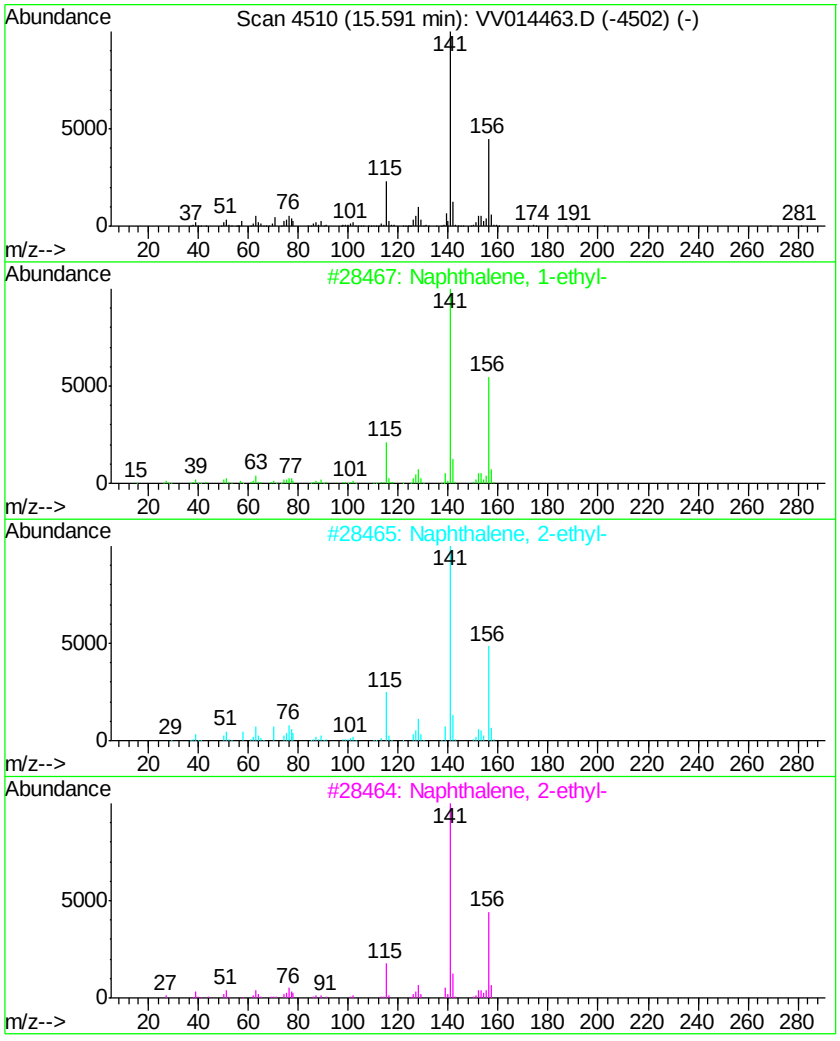
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

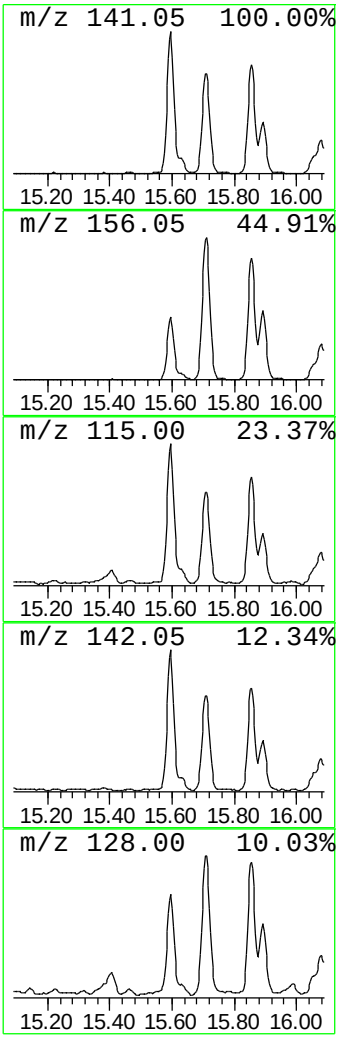
****

Peak Number 31 Naphthalene, 1-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	47.24 ug/L	1204260	1,4-Dichlorobenzene-d4	11.29

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

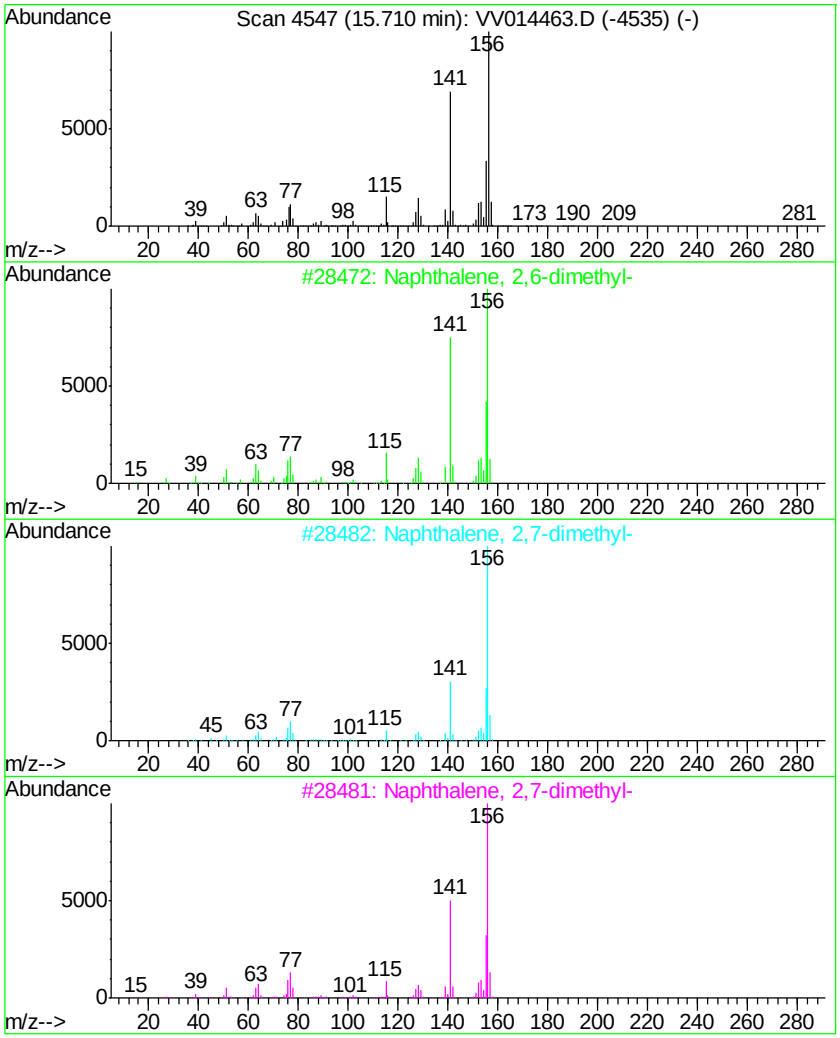
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

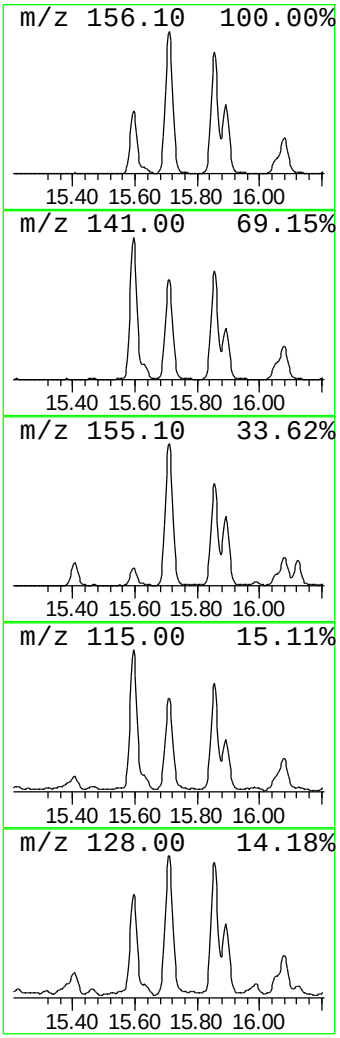
****

Peak Number 32 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	75.25 ug/L	1918210	1,4-Dichlorobenzene-d4	11.29

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

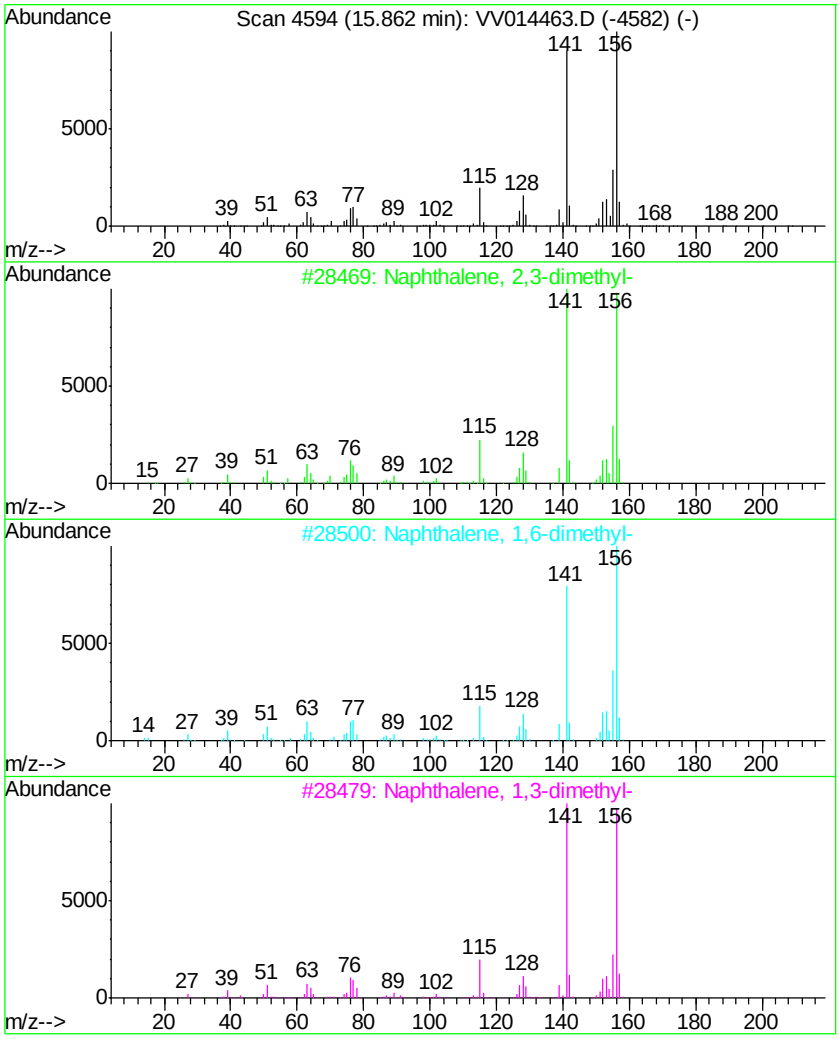
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

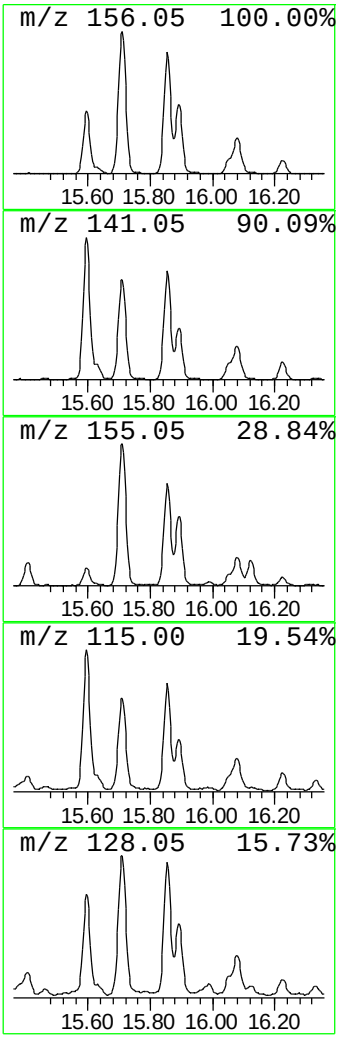
****

Peak Number 33 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	60.22 ug/L	1535190	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

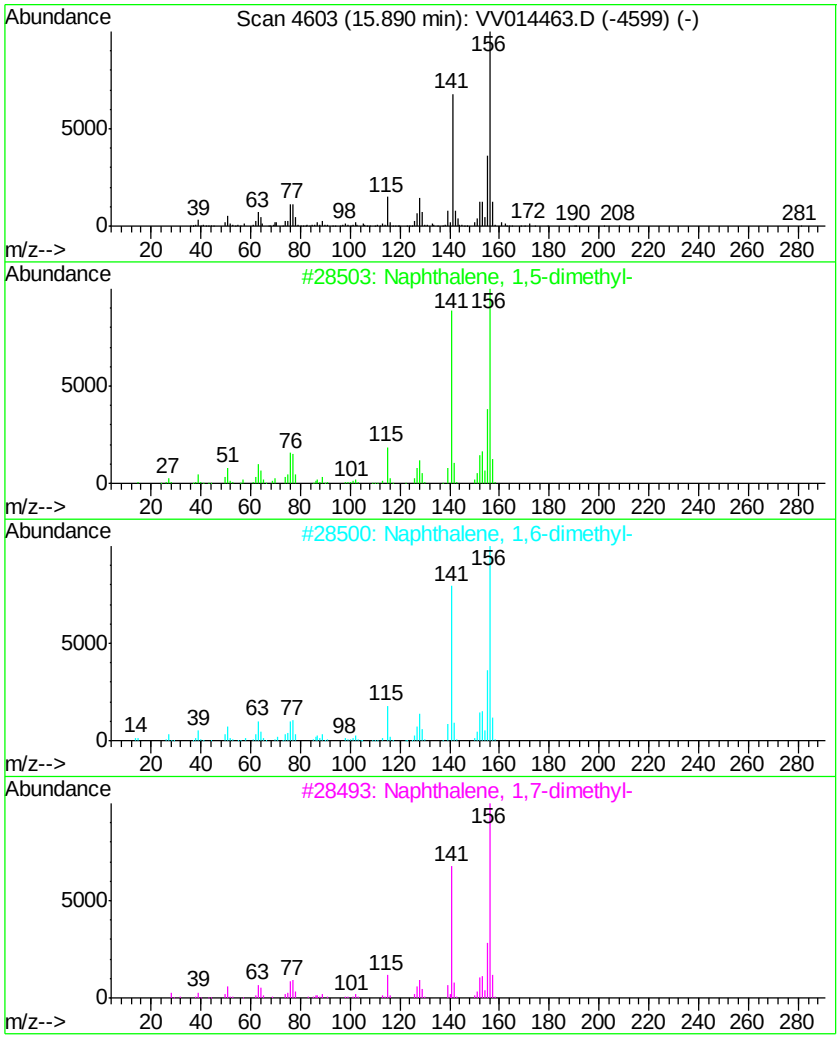
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

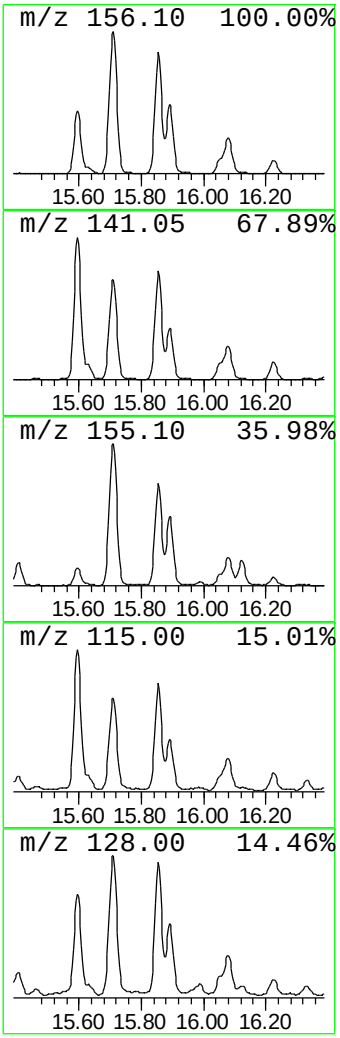
****

Peak Number 34 Naphthalene, 1,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	32.00 ug/L	815632	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

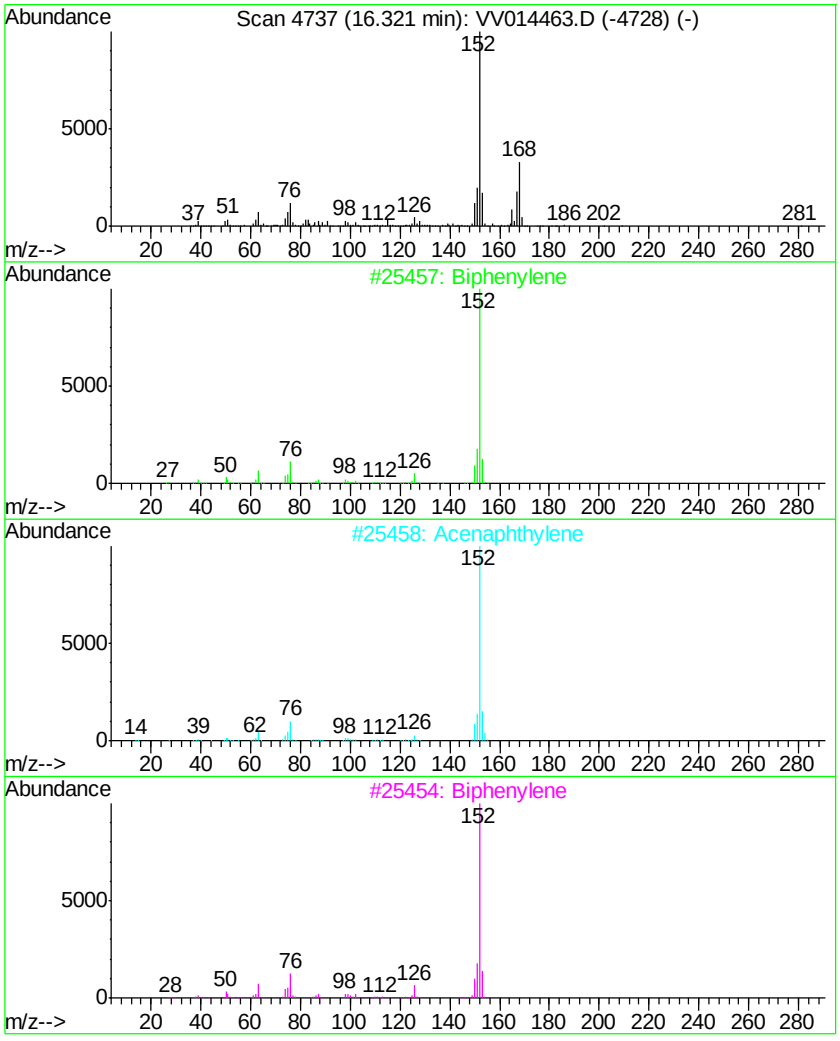
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

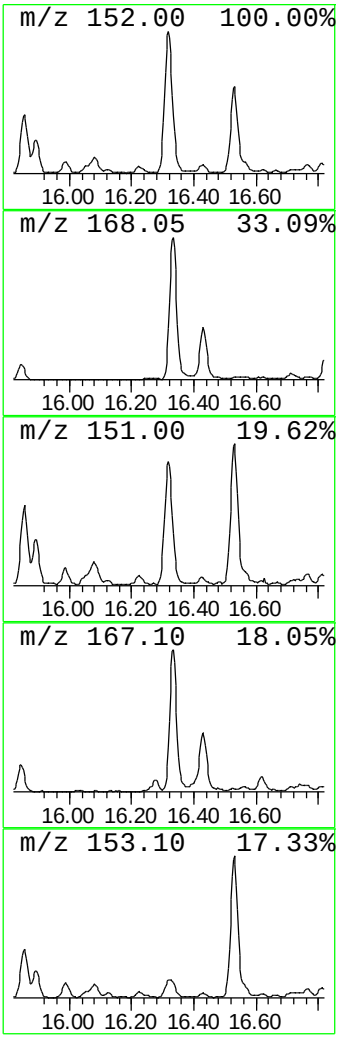
****

Peak Number 37 Biphenylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	18.87 ug/L	480898	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	60
2	Acenaphthylene	152	C12H8	000208-96-8	60
3	Biphenylene	152	C12H8	000259-79-0	55
4	Acenaphthylene	152	C12H8	000208-96-8	50
5	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

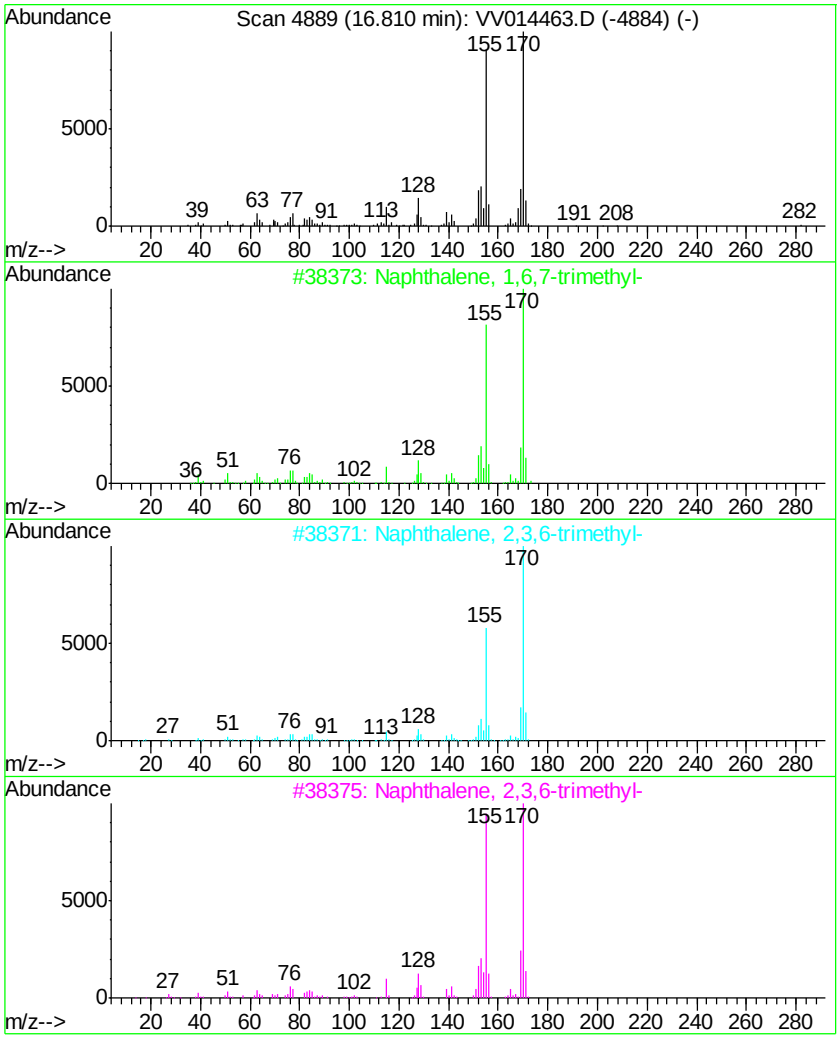
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

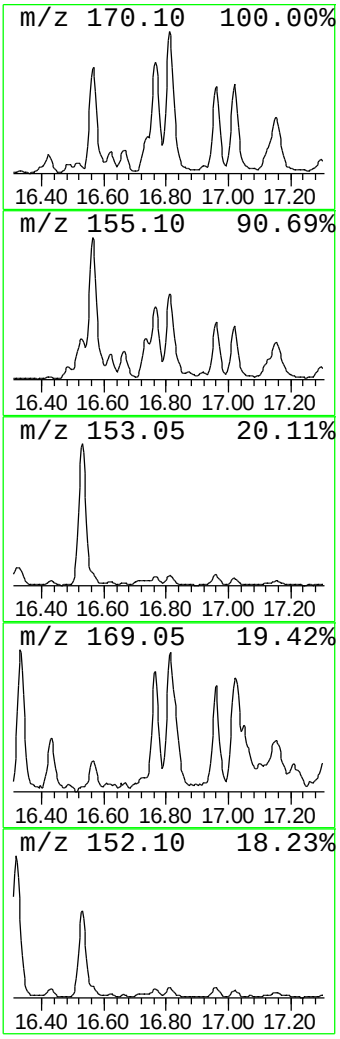
****

Peak Number 39 Naphthalene, 1,6,7-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	9.99 ug/L	254742	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

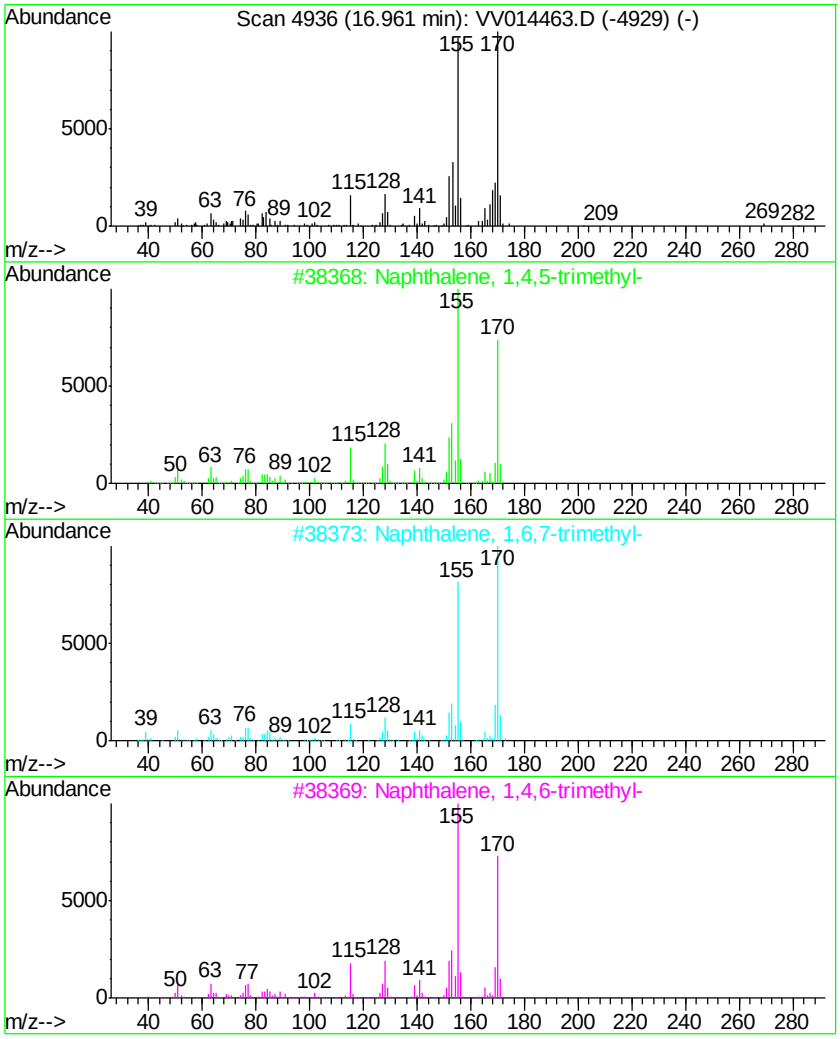
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

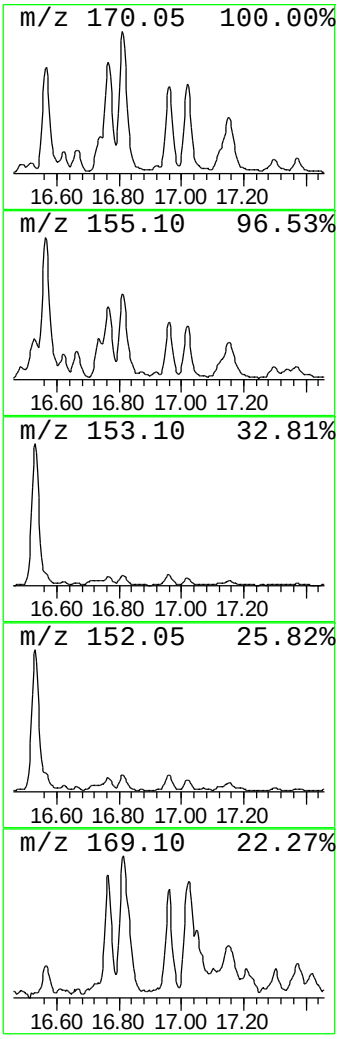
****

Peak Number 40 Naphthalene, 1,4,5-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	5.70 ug/L	145203	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

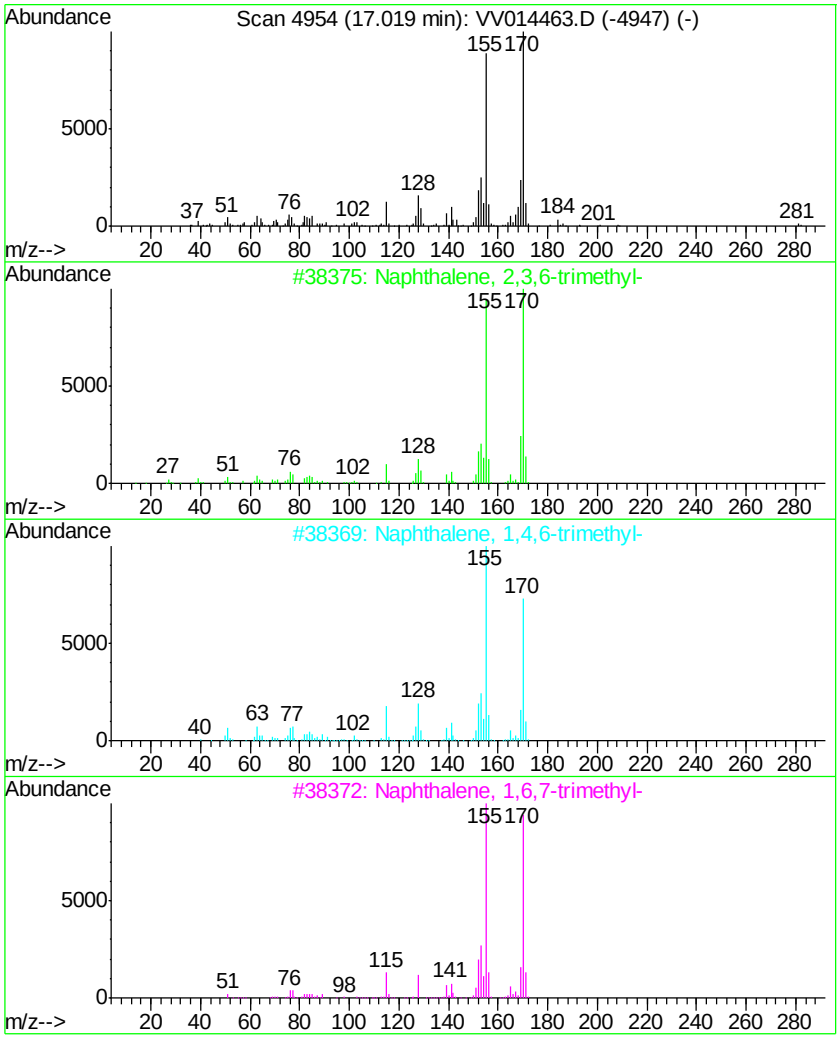
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

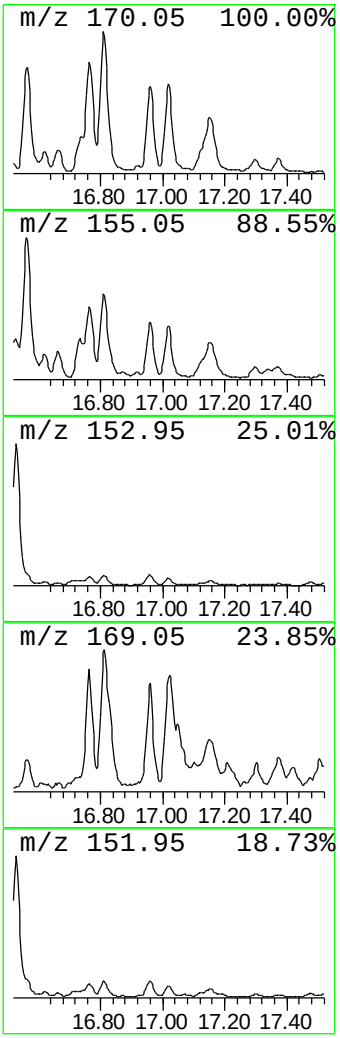
****

Peak Number 41 Naphthalene, 2,3,6-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	4.91 ug/L	125269	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.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: Str...	9.24	4.4	ug/L	108301	2	8.89	1226290	50.0
(DEL) Alkane: Str...	9.75	3.6	ug/L	88647	2	8.89	1226290	50.0
(DEL) Alkane: Cyc...	9.84	3.0	ug/L	74524	2	8.89	1226290	50.0
Benzene, 1-ethyl-...	10.51	14.1	ug/L	360484	3	11.29	1274570	50.0
(DEL) Alkane: Str...	10.61	14.9	ug/L	378674	3	11.29	1274570	50.0
(DEL) Alkane: Str...	10.92	5.3	ug/L	135938	3	11.29	1274570	50.0
Mesitylene	10.95	22.5	ug/L	573324	3	11.29	1274570	50.0
Benzene, 1-etheny...	11.03	4.8	ug/L	123317	3	11.29	1274570	50.0
(DEL) Alkane: Cyc...	11.19	5.3	ug/L	136320	3	11.29	1274570	50.0
Benzene, 1,2,3-tr...	11.38	10.1	ug/L	257869	3	11.29	1274570	50.0
(DEL) Alkane: Str...	11.50	3.3	ug/L	85222	3	11.29	1274570	50.0
Indane	11.57	11.9	ug/L	304139	3	11.29	1274570	50.0
Indene	11.78	63.9	ug/L	1628470	3	11.29	1274570	50.0
(DEL) Alkane: Str...	11.83	18.6	ug/L	474494	3	11.29	1274570	50.0
o-Cymene	11.98	10.3	ug/L	263250	3	11.29	1274570	50.0
Indan, 1-methyl-	12.16	6.1	ug/L	156072	3	11.29	1274570	50.0
(DEL) Alkane: Cyc...	12.41	13.1	ug/L	334109	3	11.29	1274570	50.0
Benzene, 1,2,4,5-...	12.51	17.7	ug/L	450936	3	11.29	1274570	50.0
Benzene, 1-methyl...	12.63	4.4	ug/L	112782	3	11.29	1274570	50.0
1-Phenyl-1-butene	12.77	9.3	ug/L	236233	3	11.29	1274570	50.0
Benzene, (1-methy...	12.92	29.7	ug/L	757086	3	11.29	1274570	50.0
Benzene, (1-methy...	12.99	22.6	ug/L	575255	3	11.29	1274570	50.0
2-Methylindene	13.09	45.9	ug/L	1168650	3	11.29	1274570	50.0
unknown-01	14.13	15.9	ug/L	404568	3	11.29	1274570	50.0
Naphthalene, 1-me...	14.68	281.7	ug/L	7180800	3	11.29	1274570	50.0
Naphthalene, 1-et...	15.59	47.2	ug/L	1204260	3	11.29	1274570	50.0
Naphthalene, 2,6-...	15.71	75.3	ug/L	1918210	3	11.29	1274570	50.0
Naphthalene, 2,3-...	15.86	60.2	ug/L	1535190	3	11.29	1274570	50.0
Naphthalene, 1,5-...	15.89	32.0	ug/L	815632	3	11.29	1274570	50.0
Biphenylene	16.32	18.9	ug/L	480898	3	11.29	1274570	50.0
Naphthalene, 1,6,...	16.81	10.0	ug/L	254742	3	11.29	1274570	50.0
Naphthalene, 1,4,...	16.96	5.7	ug/L	145203	3	11.29	1274570	50.0
Naphthalene, 2,3,...	17.02	4.9	ug/L	125269	3	11.29	1274570	50.0