LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010696.D
Acq On : 07 May 2019 17:29
Operator : SY/MD
Sample : K2633-04
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

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\SOM2VLM050719S.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	2.119	312	320	331	rVB	32597	45910	5.41%	0.979%
2	2.528	440	447	457	rVB4	3510	5727	0.68%	0.122%
3	2.569	457	460	462	rBV	309	166	0.02%	0.004%
4	2.708	499	503	508	rBV2	282	237	0.03%	0.005%
5	2.849	543	547	549	rBV	247	197	0.02%	0.004%
6	2.946	573	577	580	rBV2	237	238	0.03%	0.005%
7	3.061	601	613	617	rBV5	1290	1984	0.23%	0.042%
8	3.338	697	699	703	rVB	252	159	0.02%	0.003%
9	3.380	707	712	715	rBV	339	288	0.03%	0.006%
10	3.669	798	802	804	rBV	233	210	0.02%	0.004%
11	3.843	853	856	859	rBV2	285	218	0.03%	0.005%
12	3.936	873	885	909	rVV	7571	20713	2.44%	0.442%
13	4.103	933	937	938	rBV	320	189	0.02%	0.004%
14	4.174	957	959	961	rBV	271	159	0.02%	0.003%
15	4.270	986	989	994	rVB	286	202	0.02%	0.004%
16	4.396	1011	1028	1052	rBV3	34022	88994	10.50%	1.898%
17	4.643	1100	1105	1107	rBV	345	254	0.03%	0.005%
18	4.775	1142	1146	1152	rVB	238	246	0.03%	0.005%
19	4.810	1152	1157	1161	rVB2	319	262	0.03%	0.006%
20	4.833	1161	1164	1169	rBV	274	203	0.02%	0.004%
21	5.003	1214	1217	1220	rBV2	311	269	0.03%	0.006%
22	5.090	1226	1244	1269	rBV4	67194	171706	20.25%	3.663%
23	5.309	1309	1312	1315	rVB2	230	148	0.02%	0.003%
24	5.460	1354	1359	1362	rVB	381	321	0.04%	0.007%
25	5.479	1362	1365	1366	rBV	313	157	0.02%	0.003%
26	5.585	1394	1398	1403	rBV2	276	332	0.04%	0.007%
27	5.659	1408	1421	1435	rBV2	75327	147660	17.41%	3.150%
28	5.933	1503	1506	1507	rBV	597	387	0.05%	0.008%
29	5.994	1522	1525	1529	rVB2	257	191	0.02%	0.004%
30	6.029	1533	1536	1538	rBV	247	156	0.02%	0.003%
31	6.113	1550	1562	1585	rBV2	51850	106185	12.52%	2.265%
32	6.241	1598	1602	1605	rBV2	280	210	0.02%	0.004%
33	6.309	1620	1623	1625	rBV	191	150	0.02%	0.003%
34	6.463	1666	1671	1673	rVB	223	191	0.02%	0.004%

LSC Area Percent Report

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Sample : K2633-04
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Title : VOC Analysis

35	6.527	1687	1691	1694	rBV2	247	204	0.02%	0.004%
36	6.569	1701	1704	1707	rBV2	273	200	0.02%	0.004%
37	6.621	1716	1720	1722	rBV	251	205	0.02%	0.004%
38	6.698	1740	1744	1747	rBV2	360	291	0.03%	0.006%
39	6.888	1797	1803	1804	rBV	223	219	0.03%	0.005%
40	6.926	1812	1815	1817	rBV2	220	153	0.02%	0.003%
41	7.026	1833	1846	1862	rBV3	25738	44988	5.31%	0.960%
42	7.154	1881	1886	1889	rBV	264	265	0.03%	0.006%
43	7.228	1904	1909	1911	rBV2	234	247	0.03%	0.005%
44	7.357	1937	1949	1965	rBV	69771	121893	14.38%	2.600%
45	7.563	2011	2013	2017	rVB2	292	156	0.02%	0.003%
46	7.662	2034	2044	2056	rBV	16893	27355	3.23%	0.584%
47	7.769	2073	2077	2080	rBV2	218	190	0.02%	0.004%
48	7.881	2109	2112	2116	rBV2	273	234	0.03%	0.005%
49	7.939	2126	2130	2133	rBV2	222	217	0.03%	0.005%
50	8.071	2168	2171	2175	rBV2	225	188	0.02%	0.004%
51	8.097	2175	2179	2180	rBV2	215	175	0.02%	0.004%
52	8.132	2180	2190	2206	rBV	29090	48476	5.72%	1.034%
53	8.277	2231	2235	2236	rBV2	426	316	0.04%	0.007%
54	8.376	2262	2266	2269	rBV2	243	192	0.02%	0.004%
55	8.441	2281	2286	2291	rBV2	199	243	0.03%	0.005%
56	8.508	2300	2307	2313	rBV2	249	344	0.04%	0.007%
57	8.662	2351	2355	2359	rBV2	200	261	0.03%	0.006%
58	8.894	2415	2427	2450	rBV	125119	208362	24.57%	4.445%
59	9.187	2510	2518	2523	rBV3	645	899	0.11%	0.019%
60	9.244	2532	2536	2539	rBV2	343	314	0.04%	0.007%
61	9.322	2554	2560	2563	rBV2	309	379	0.04%	0.008%
62	9.428	2589	2593	2595	rBV2	249	217	0.03%	0.005%
63	9.585	2639	2642	2647	rVV3	528	493	0.06%	0.011%
64	9.640	2656	2659	2661	rBV	214	167	0.02%	0.004%
65	9.929	2746	2749	2752	rBV	194	157	0.02%	0.003%
66	10.154	2816	2819	2825	rVB2	297	327	0.04%	0.007%
67	10.183	2825	2828	2829	rBV	238	158	0.02%	0.003%
68	10.260	2841	2852	2866	rBV3	47670	74713	8.81%	1.594%
69	10.344	2873	2878	2881	rBV	262	277	0.03%	0.006%
70	10.582	2949	2952	2953	rBV2	305	185	0.02%	0.004%
71	10.961	3064	3070	3076	rVB3	958	1377	0.16%	0.029%

LSC Area Percent Report

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Acq On : 07 May 2019 17:29
Operator : SY/MD
Sample : K2633-04
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

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\SOM2VLM050719S.M
Title : VOC Analysis

72	11.026	3087	3090	3092	rBV	418	311	0.04%	0.007%
73	11.100	3108	3113	3116	rBV2	259	329	0.04%	0.007%
74	11.193	3140	3142	3146	rBV2	320	209	0.02%	0.004%
75	11.293	3162	3173	3194	rBV	127408	197049	23.24%	4.203%
76	11.383	3194	3201	3212	rBV3	2340	3214	0.38%	0.069%
77	11.672	3280	3291	3305	rVB	66015	103908	12.25%	2.217%
78	11.891	3355	3359	3362	rBV	282	245	0.03%	0.005%
79	12.157	3434	3442	3446	rBV2	462	741	0.09%	0.016%
80	12.241	3459	3468	3477	rBV2	12224	16197	1.91%	0.346%
81	12.460	3529	3536	3542	rBV4	5419	6666	0.79%	0.142%
82	12.511	3544	3552	3563	rVB	15294	22490	2.65%	0.480%
83	12.575	3563	3572	3580	rVB4	3540	4564	0.54%	0.097%
84	12.633	3583	3590	3605	rBV5	5882	11127	1.31%	0.237%
85	12.839	3650	3654	3655	rBV	343	187	0.02%	0.004%
86	12.929	3666	3682	3693	rBV3	52412	81119	9.57%	1.730%
87	13.100	3724	3735	3751	rVB3	88359	144455	17.04%	3.081%
88	13.180	3753	3760	3768	rBV2	11408	17123	2.02%	0.365%
89	13.315	3795	3802	3808	rBV3	11539	16407	1.94%	0.350%
90	13.543	3857	3873	3882	rBV5	13091	30194	3.56%	0.644%
91	13.955	3992	4001	4011	rBV4	20176	35708	4.21%	0.762%
92	14.145	4051	4060	4070	rBV3	41689	77295	9.12%	1.649%
93	14.865	4274	4284	4299	rBV	403631	634649	74.85%	13.538%
94	15.411	4446	4454	4463	rBV	111294	164026	19.35%	3.499%
95	15.714	4536	4548	4579	rBV	496064	847890	100.00%	18.087%
96	15.861	4584	4594	4600	rBV	427814	649565	76.61%	13.856%
97	16.061	4646	4656	4660	rBV2	120061	186053	21.94%	3.969%
98	16.231	4701	4709	4719	rVB	65559	96050	11.33%	2.049%
99	16.334	4730	4741	4756	rVB5	88618	186829	22.03%	3.985%
100	16.968	4931	4938	4949	rBV2	16320	23673	2.79%	0.505%

Sum of corrected areas: 4687929

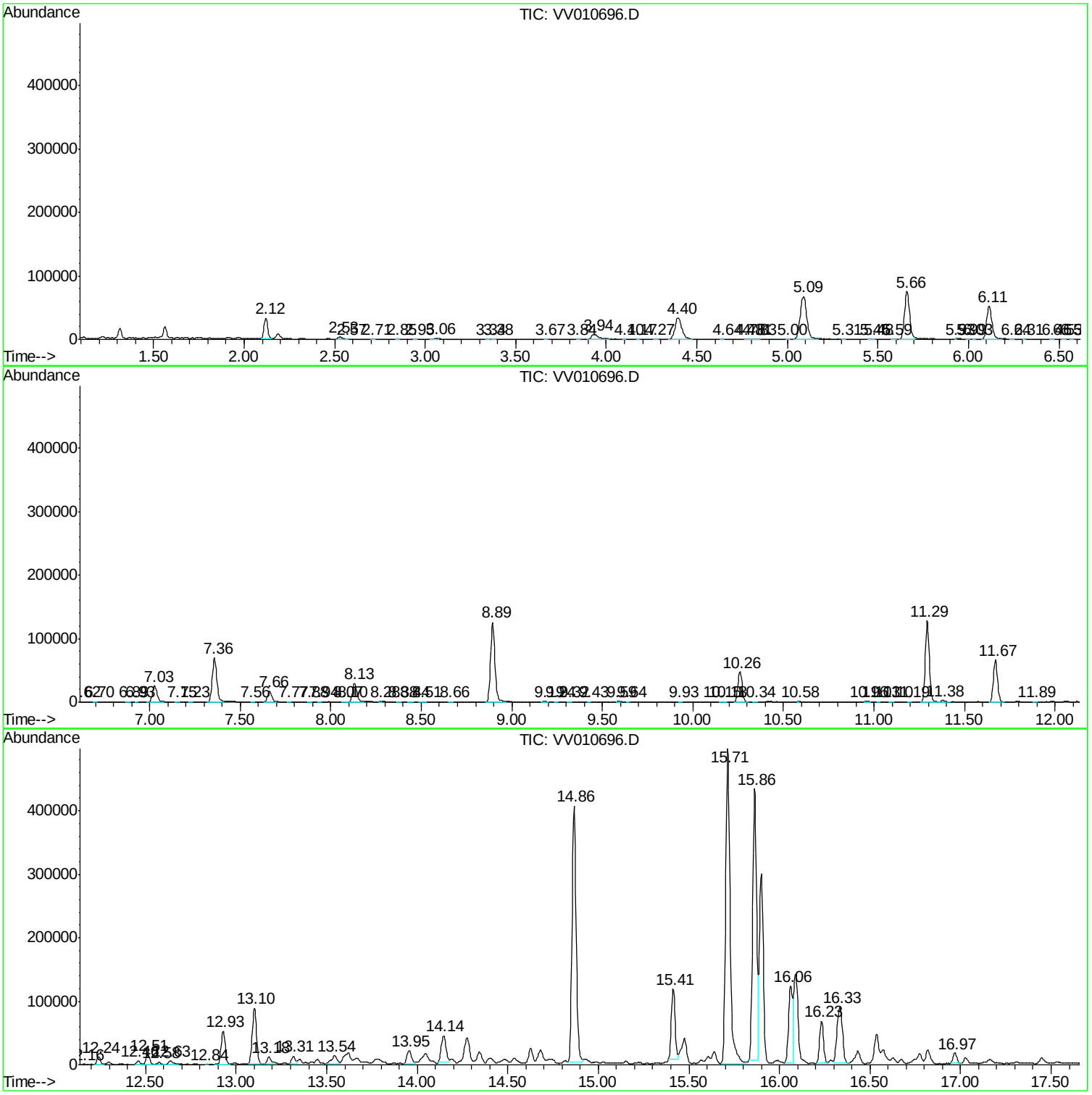
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010696.D
Acq On : 07 May 2019 17:29
Operator : SY/MD
Sample : K2633-04
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010696.D
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Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

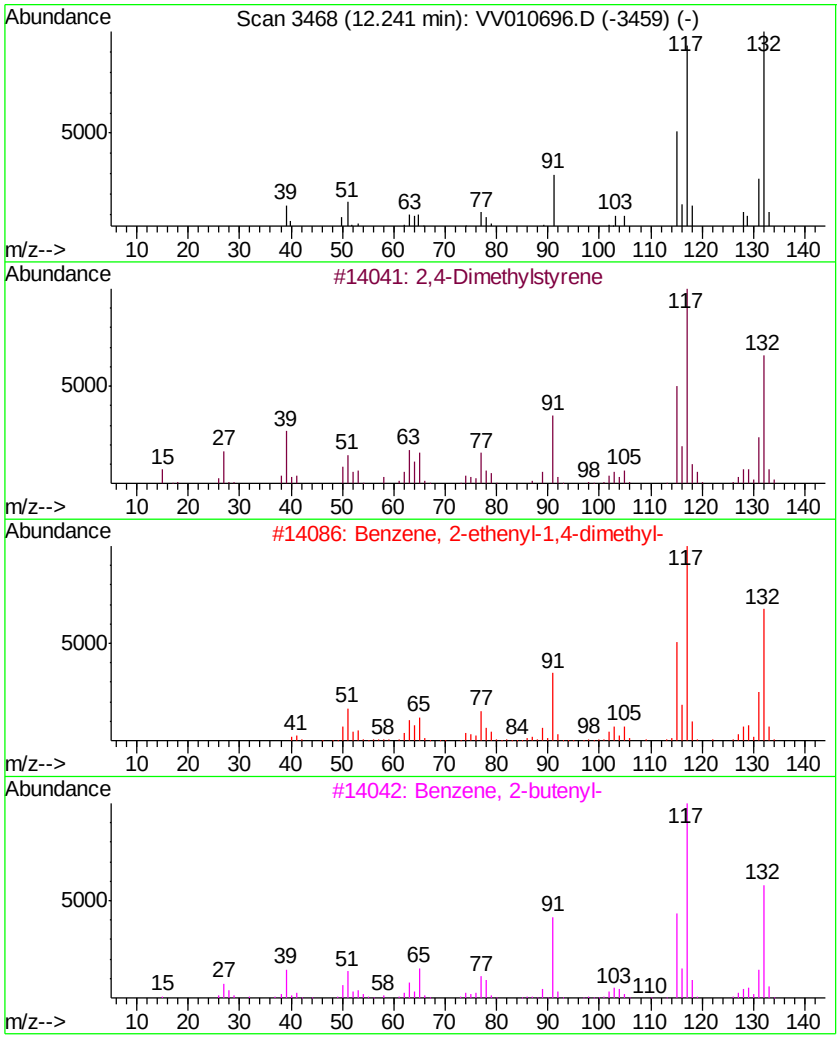
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

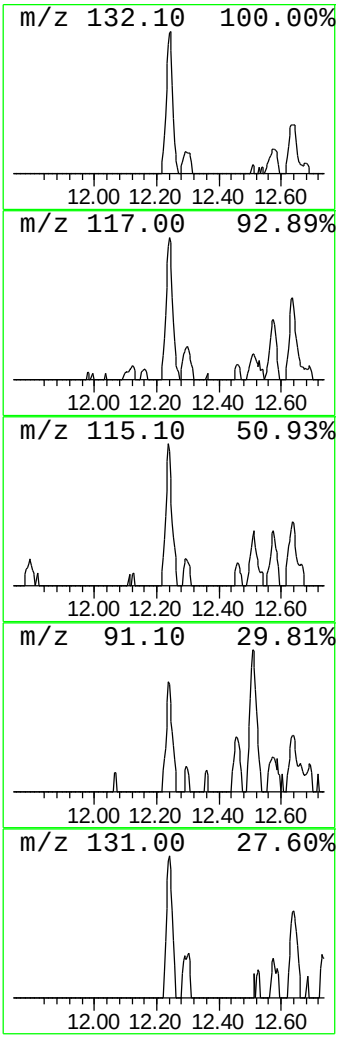
****

Peak Number 2 2,4-Dimethylstyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	2.05 ug/L	16197	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	95
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010696.D
Acq On : 07 May 2019 17:29
Operator : SY/MD
Sample : K2633-04
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

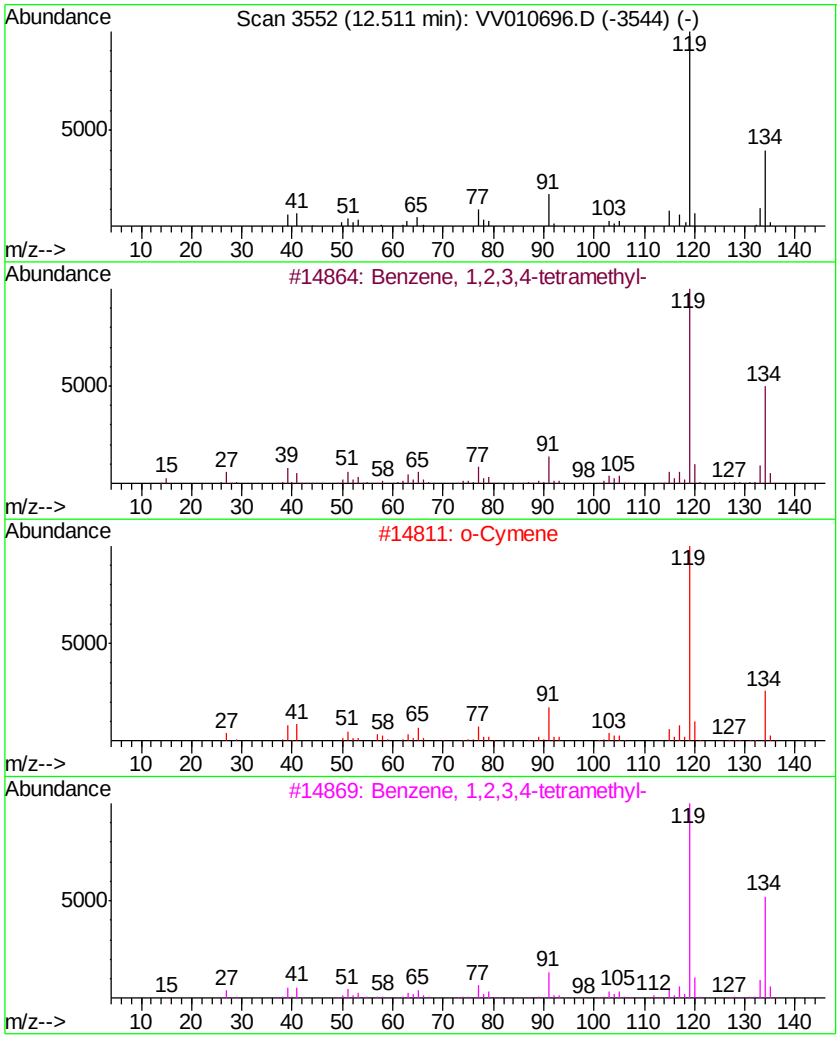
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

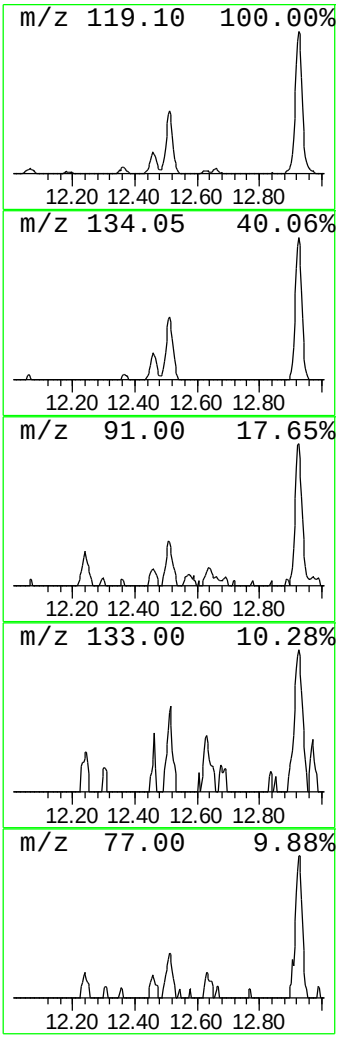
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.85 ug/L	22490	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2	o-Cymene	134	C10H14	000527-84-4	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Library Search Compound Report

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Data File : VV010696.D
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ClientSampleId : GAJ96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

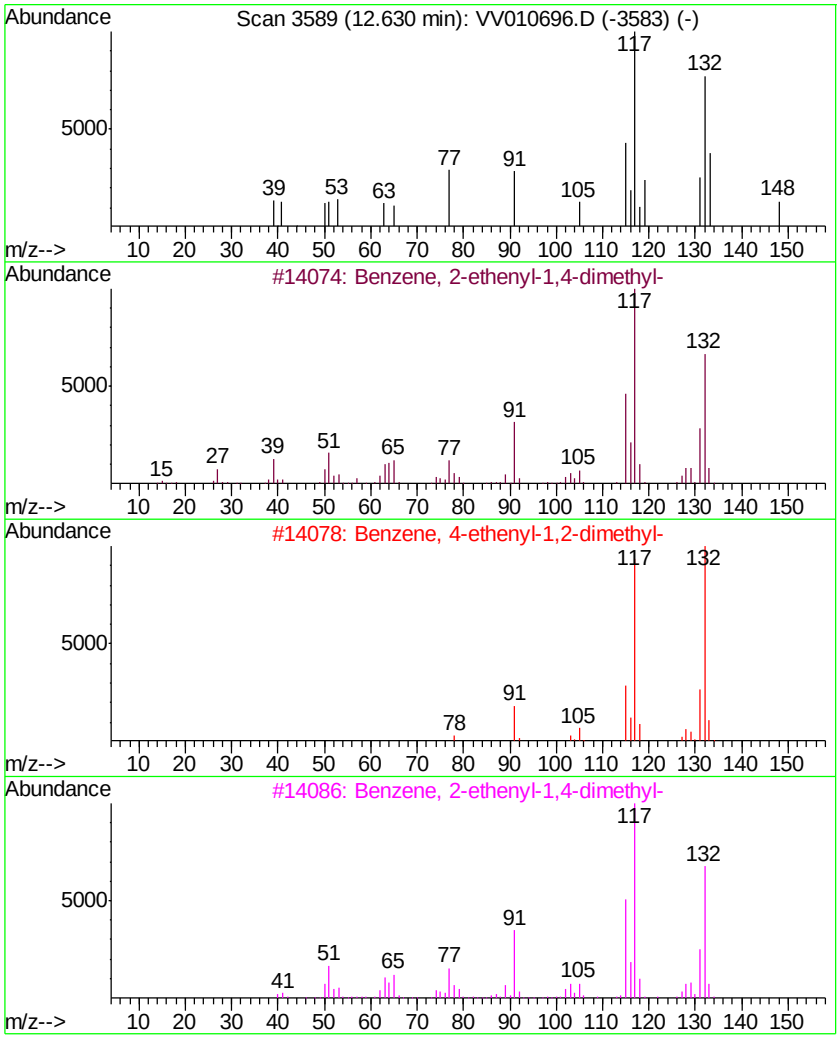
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

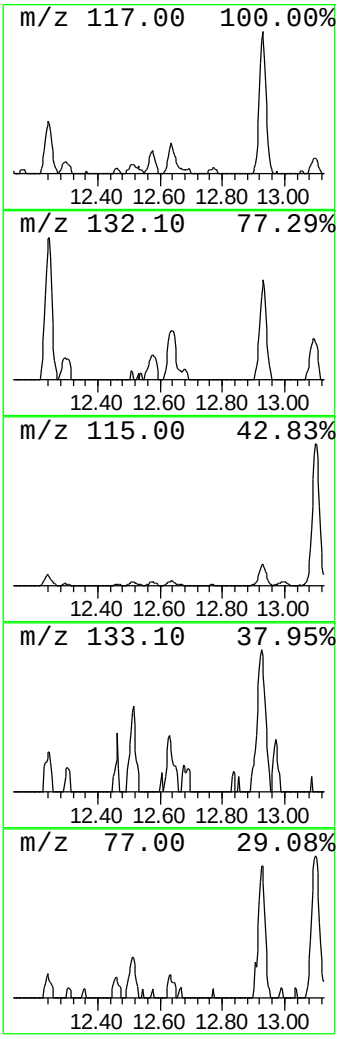
****

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	1.41 ug/L	11127	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	81
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	80
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	74
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	74
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	72





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

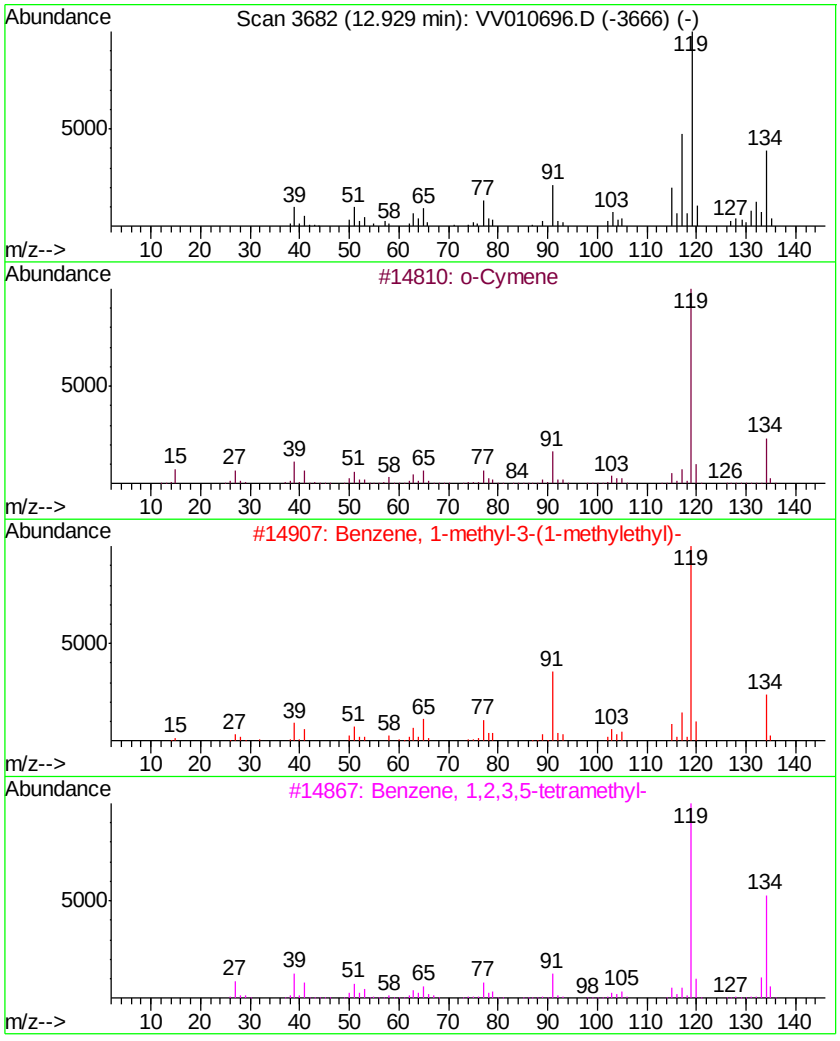
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

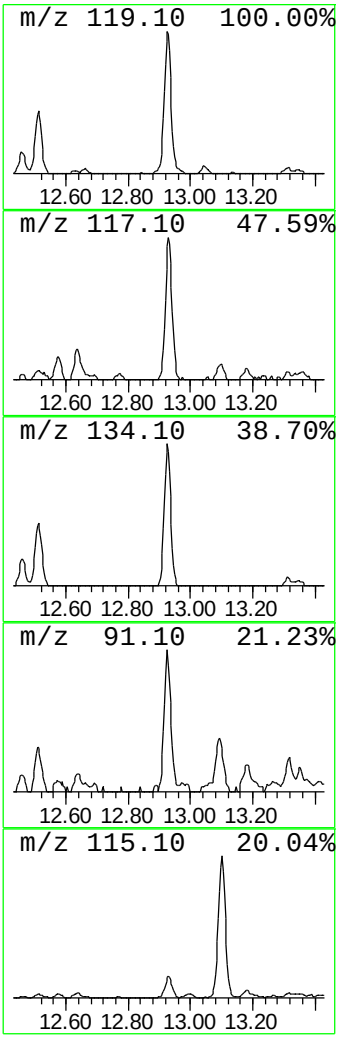
****

Peak Number 5 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	10.29 ug/L	81119	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	64
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
4	o-Cymene	134	C10H14	000527-84-4	64
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64





Library Search Compound Report

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Data File : VV010696.D
Acq On : 07 May 2019 17:29
Operator : SY/MD
Sample : K2633-04
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

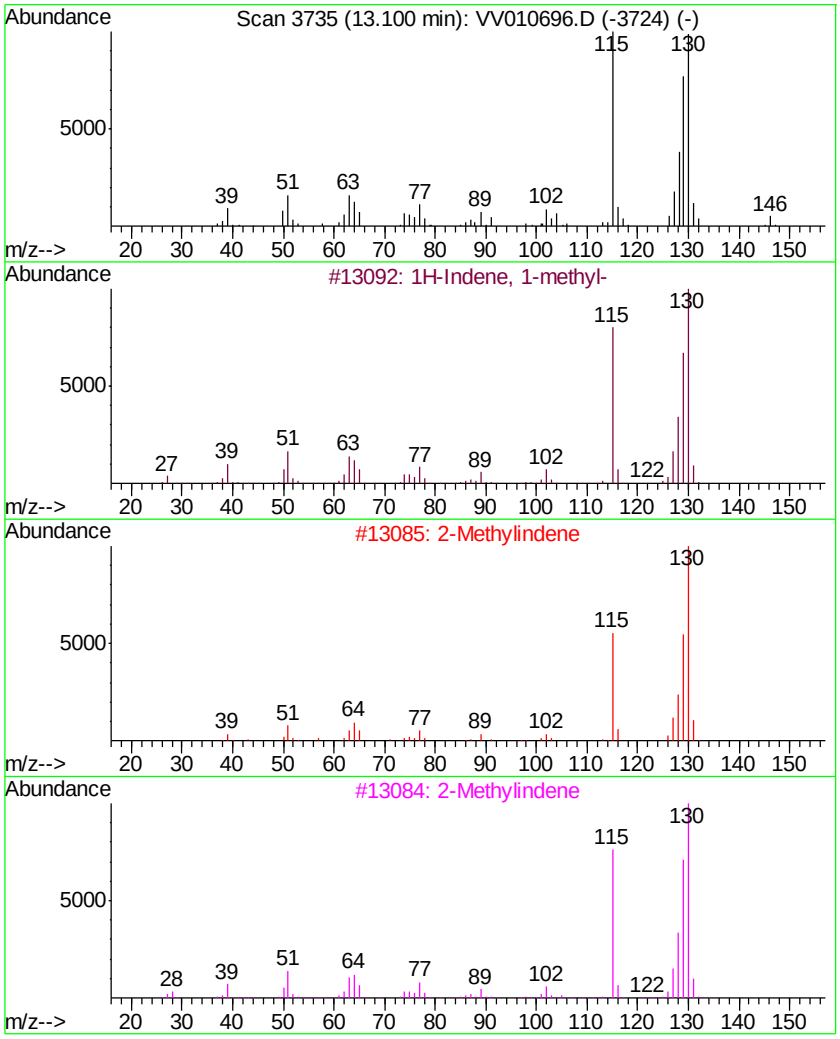
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

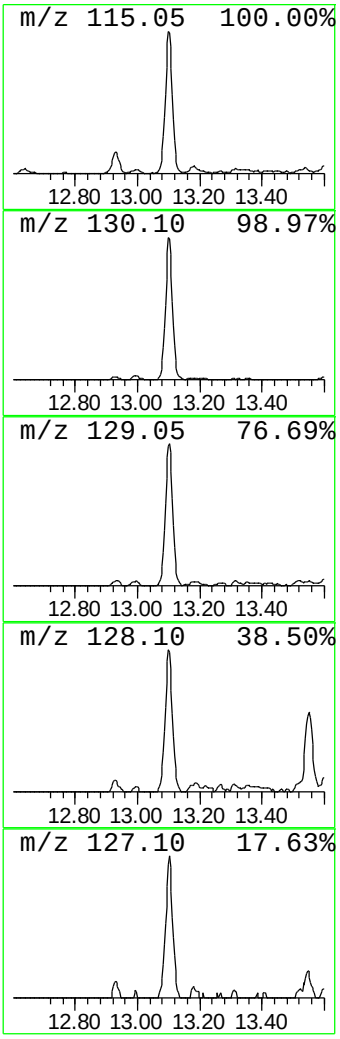
****

Peak Number 6 1H-Indene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	18.33 ug/L	144455	1,4-Dichlorobenzene-d4	11.29

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





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Data File : VV010696.D
Acq On : 07 May 2019 17:29
Operator : SY/MD
Sample : K2633-04
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

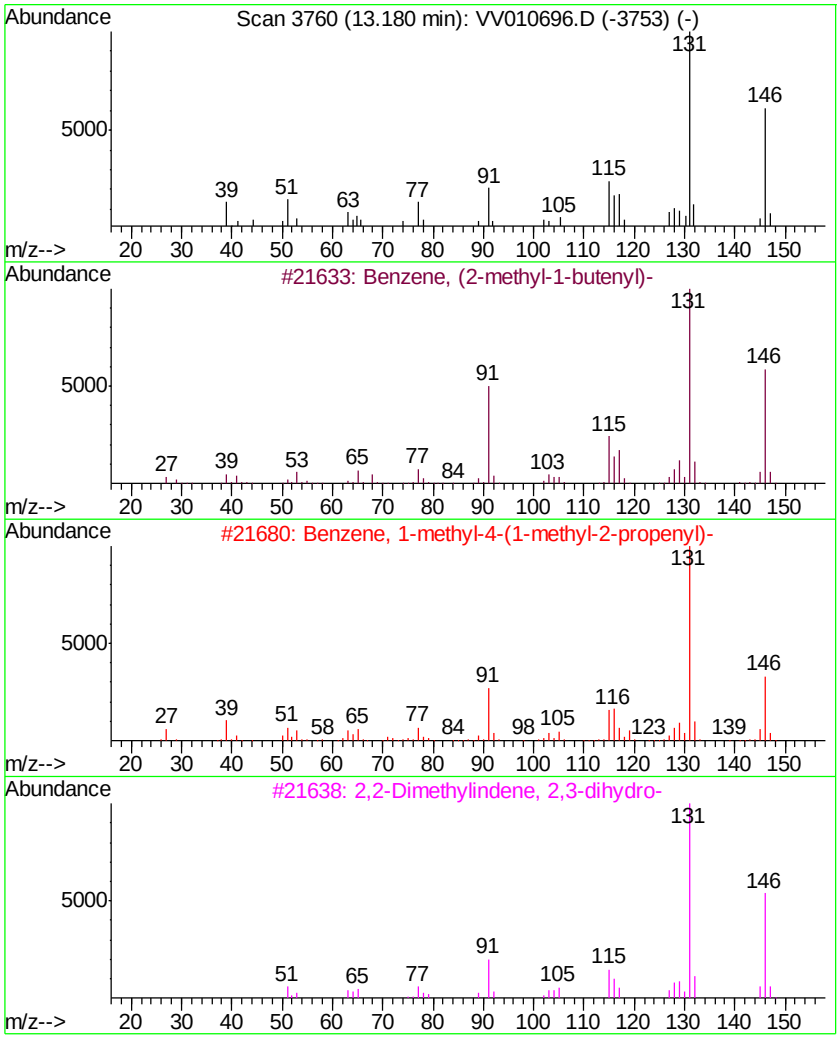
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

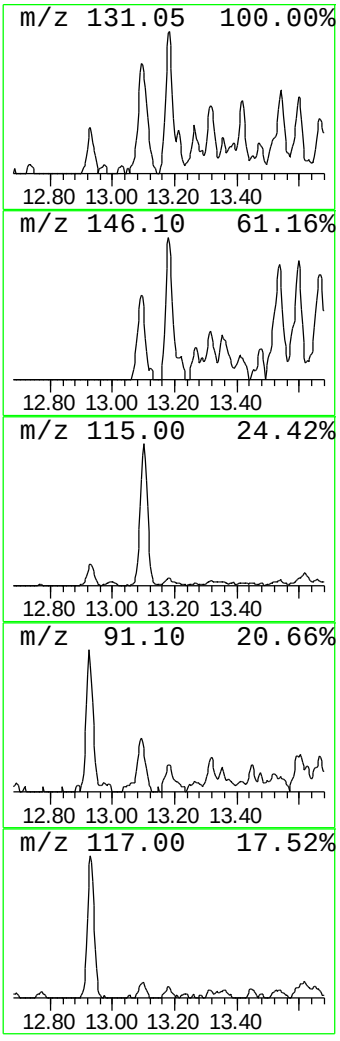
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	2.17 ug/L	17123	1,4-Dichlorobenzene-d4	11.29

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-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90





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Data File : VV010696.D
Acq On : 07 May 2019 17:29
Operator : SY/MD
Sample : K2633-04
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

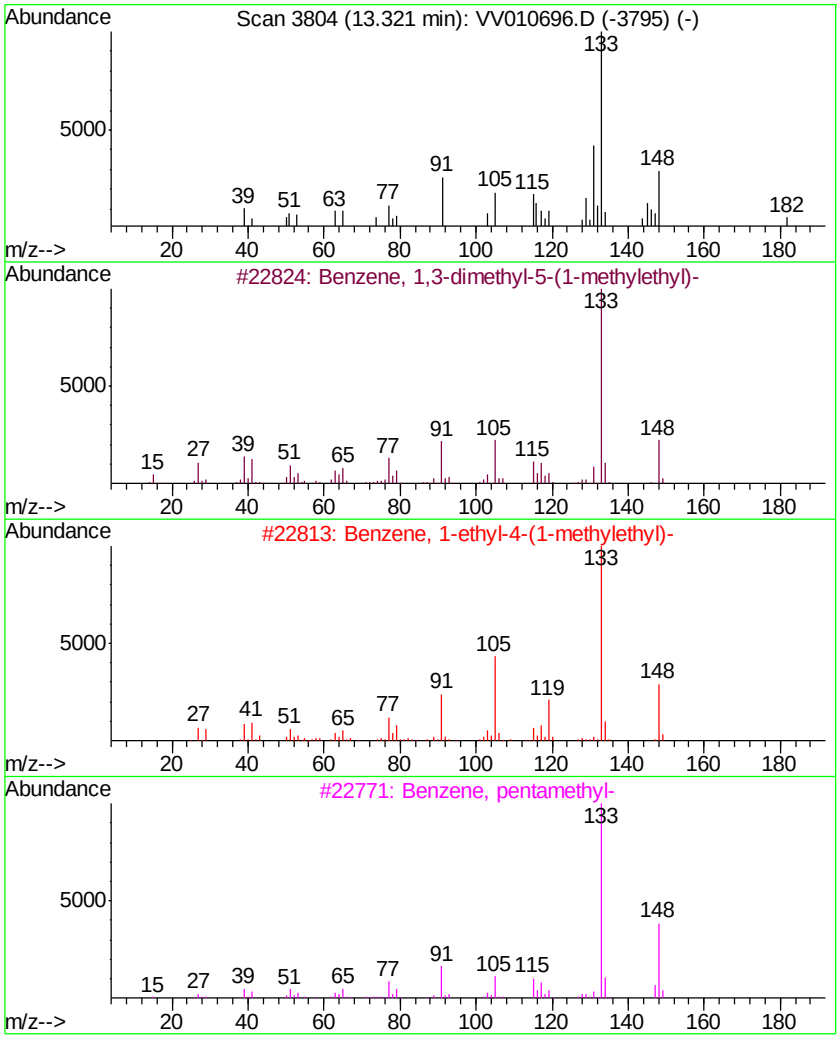
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

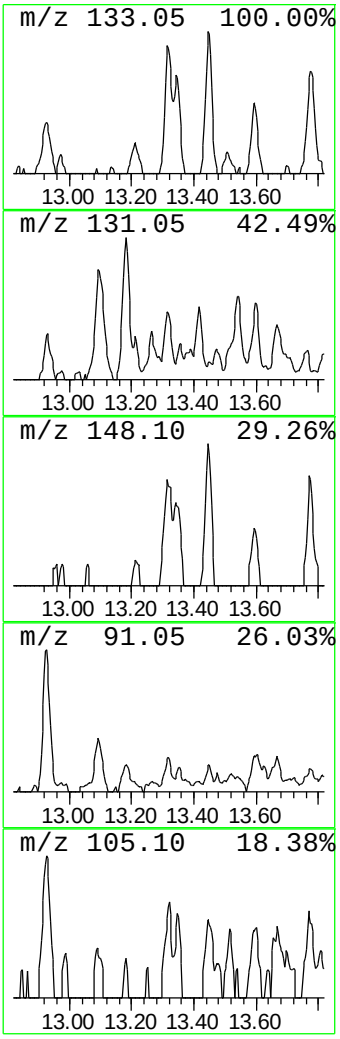
****

Peak Number 8 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	2.08 ug/L	16407	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	46
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	43
5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	43





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Data File : VV010696.D
Acq On : 07 May 2019 17:29
Operator : SY/MD
Sample : K2633-04
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

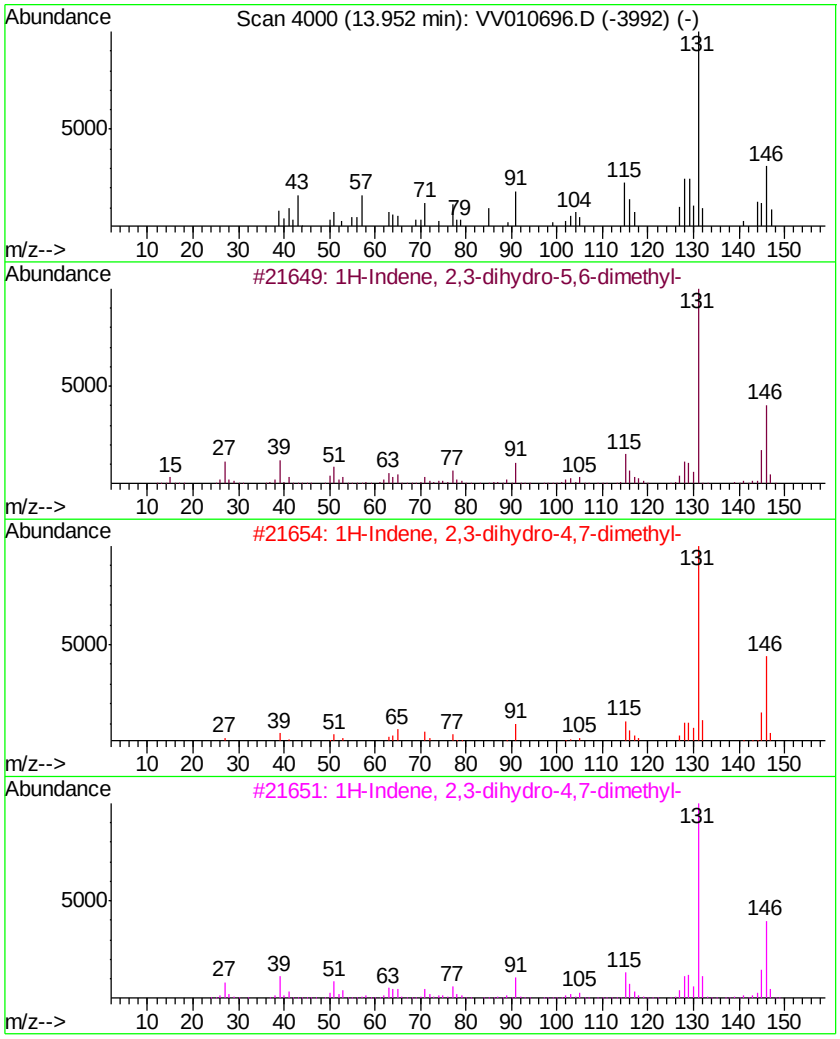
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

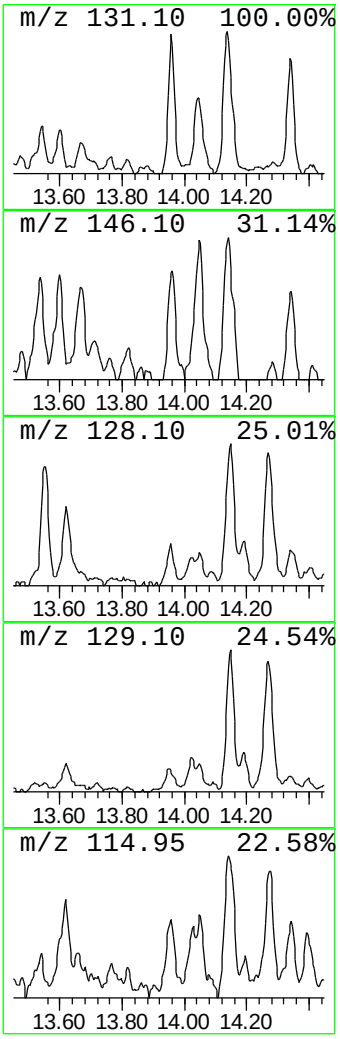
****

Peak Number 10 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.53 ug/L	35708	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64





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Data File : VV010696.D
Acq On : 07 May 2019 17:29
Operator : SY/MD
Sample : K2633-04
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

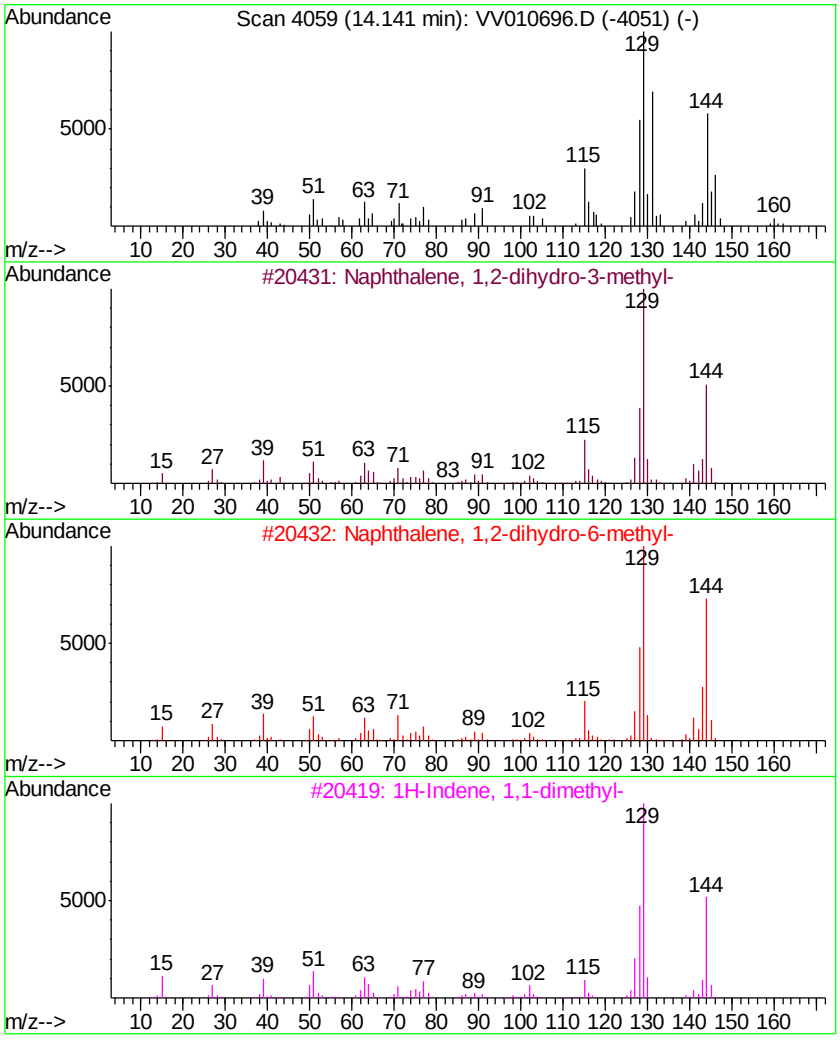
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

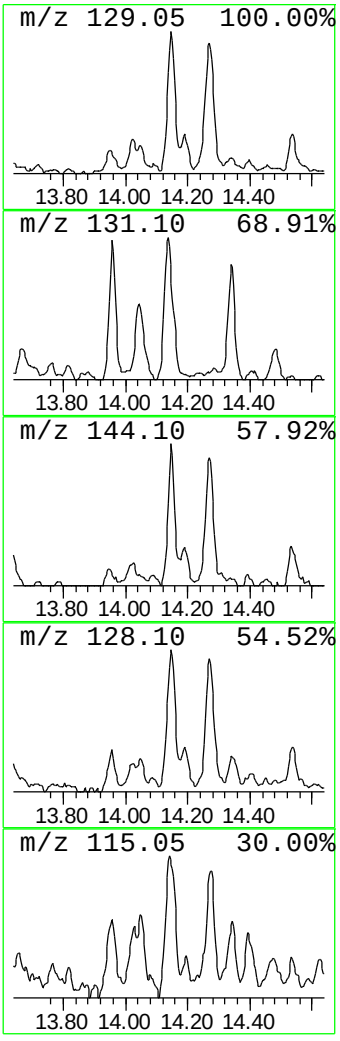
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,2-dihydro-3-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	9.81 ug/L	77295	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	93
2	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	86
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	86
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	86
5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010696.D
Acq On : 07 May 2019 17:29
Operator : SY/MD
Sample : K2633-04
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

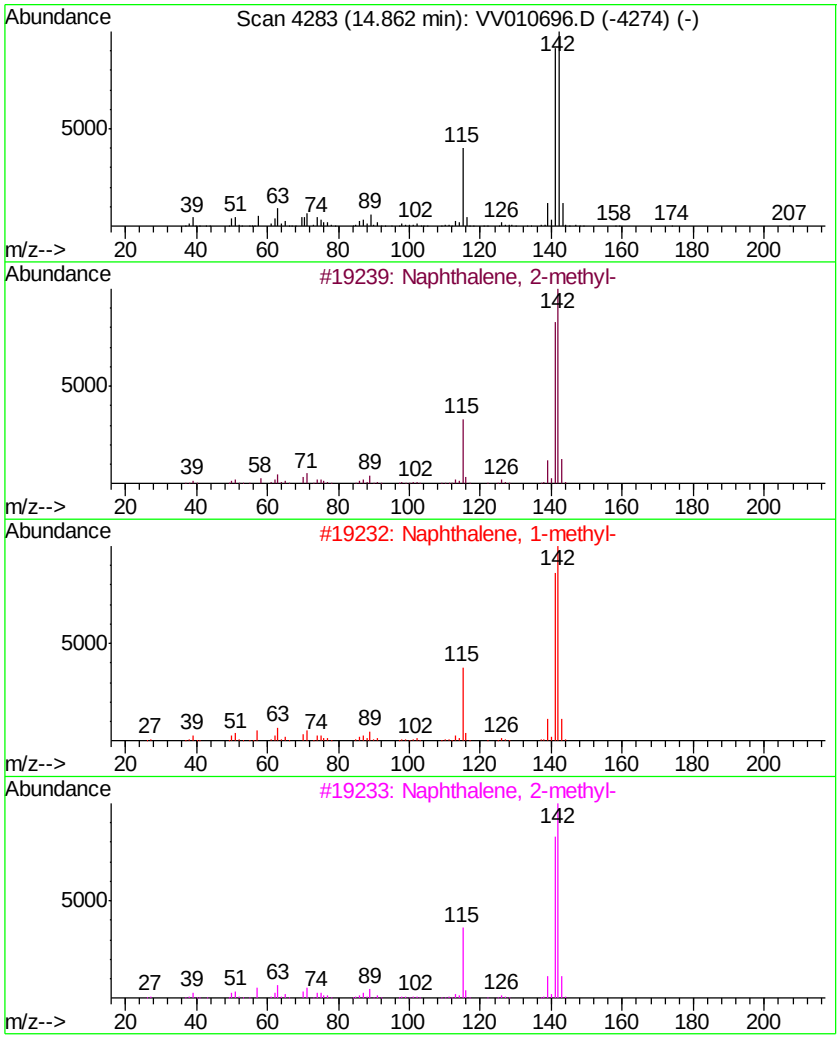
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

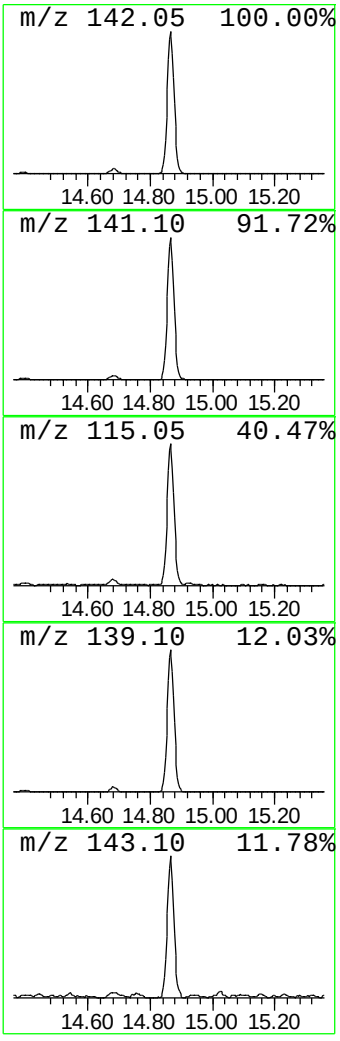
****

Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	80.52 ug/L	634649	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, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010696.D
Acq On : 07 May 2019 17:29
Operator : SY/MD
Sample : K2633-04
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

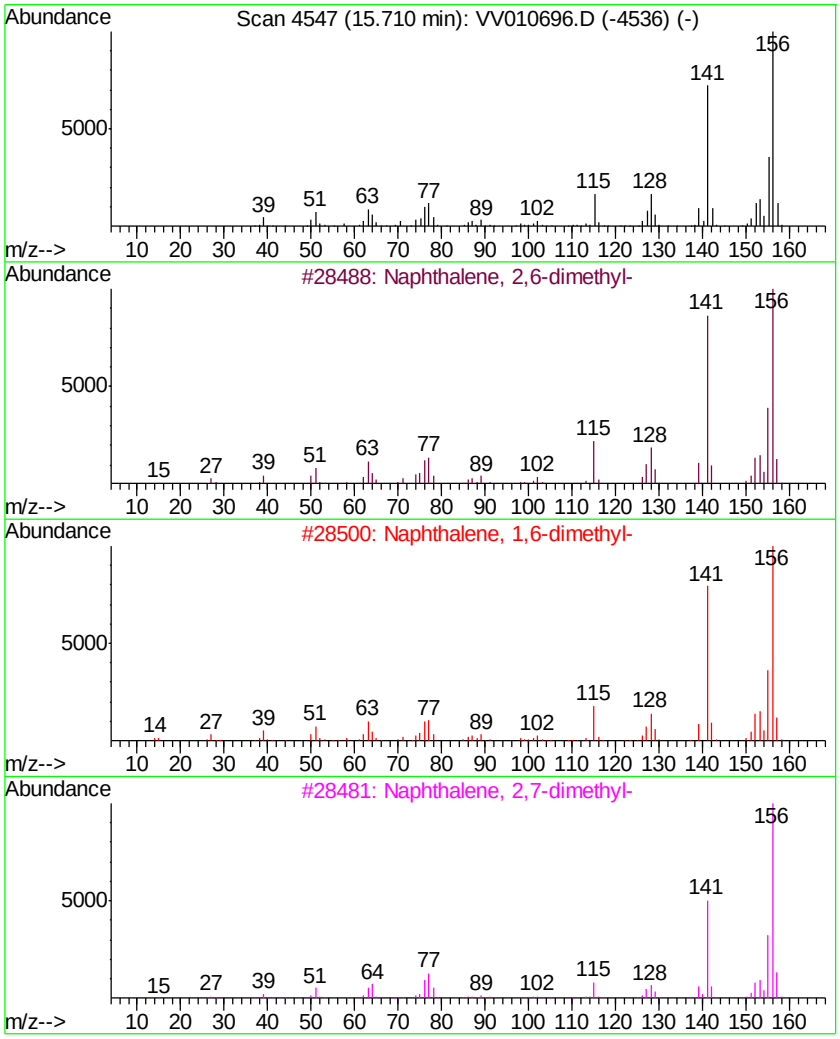
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

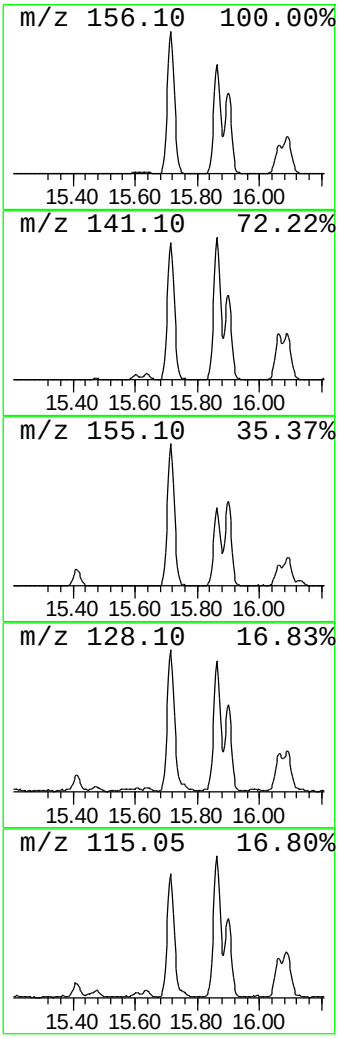
****

Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	107.57 ug/L	847890	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, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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Data File : VV010696.D
Acq On : 07 May 2019 17:29
Operator : SY/MD
Sample : K2633-04
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

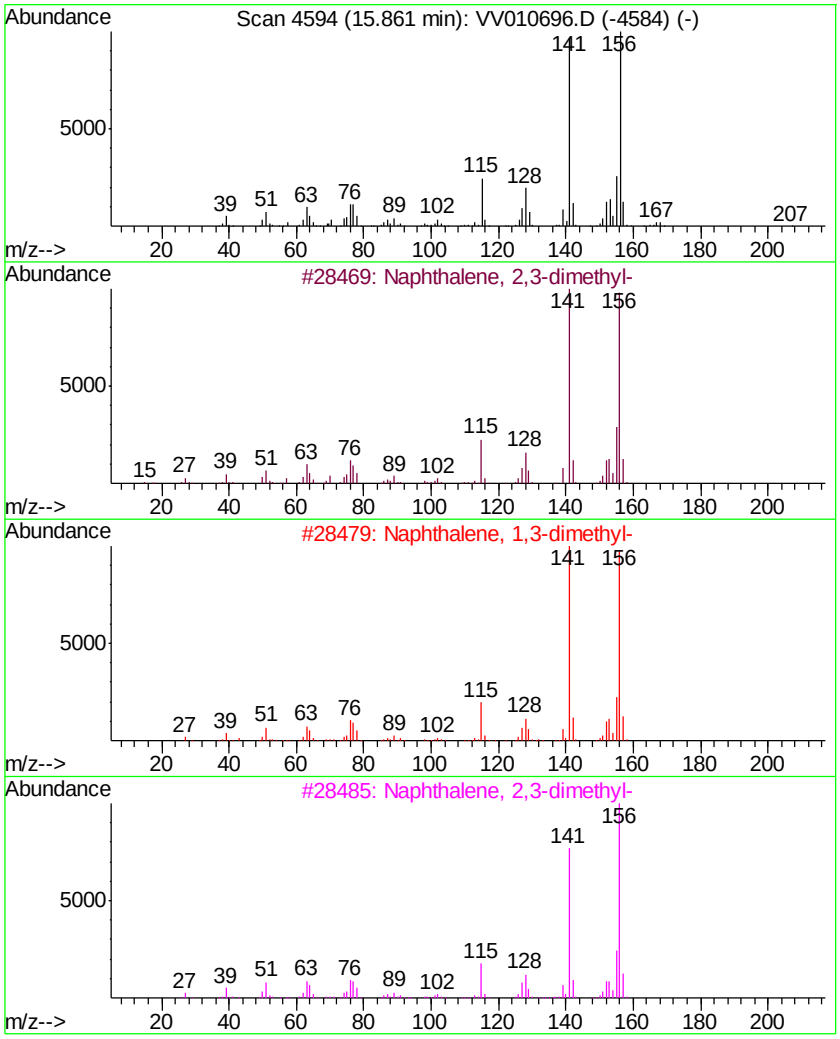
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

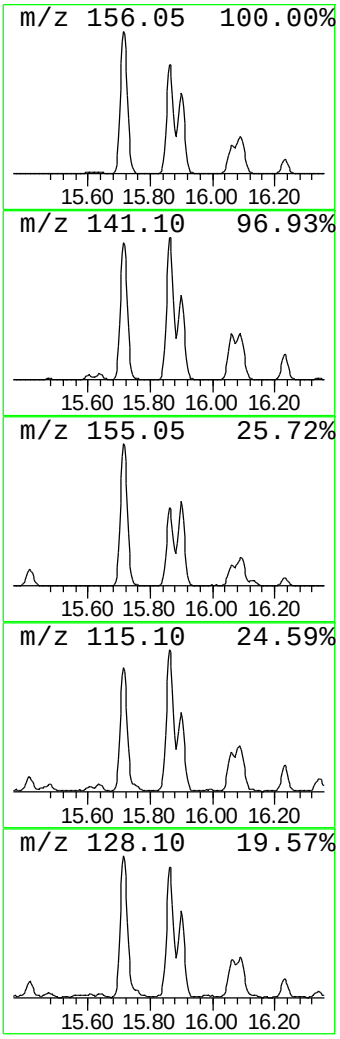
****

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	82.41 ug/L	649565	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, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010696.D
Acq On : 07 May 2019 17:29
Operator : SY/MD
Sample : K2633-04
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

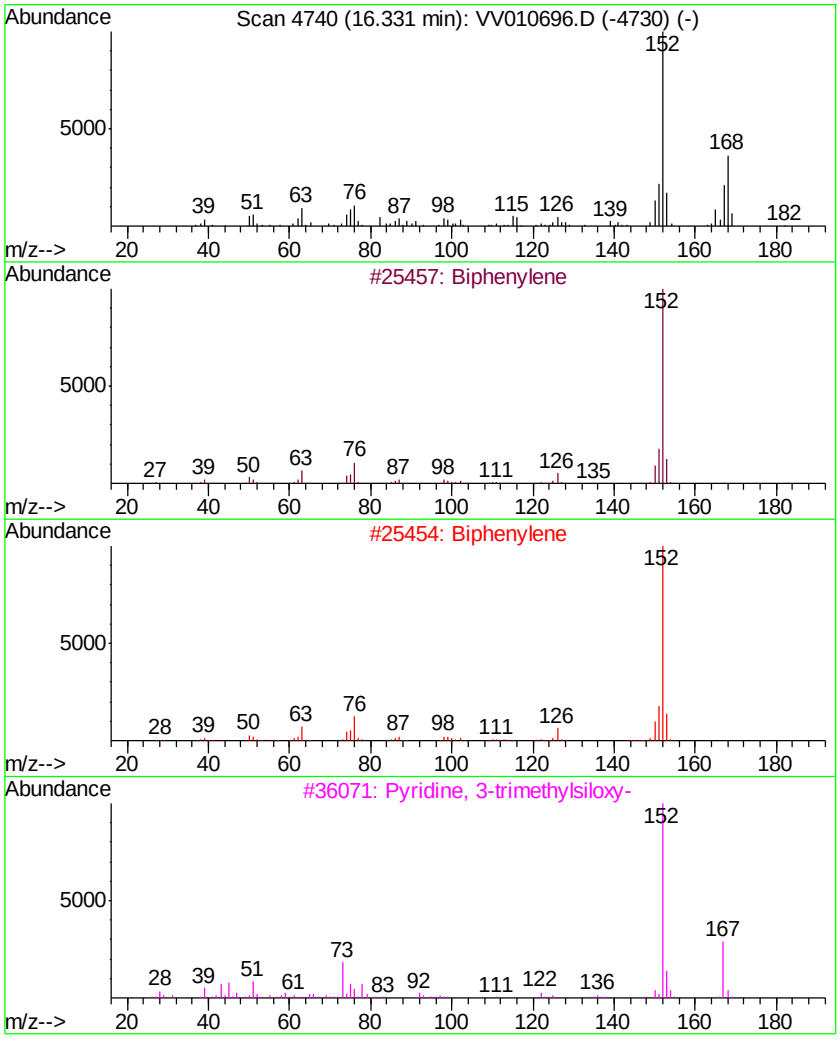
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

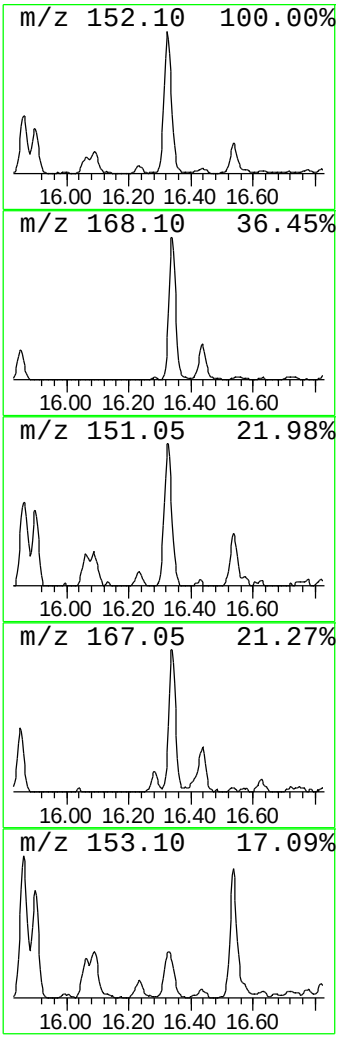
****

Peak Number 18 Biphenylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	23.70 ug/L	186829	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	60
2	Biphenylene	152	C12H8	000259-79-0	60
3	Pyridine, 3-trimethylsiloxy-	167	C8H13NOSi	041571-88-4	47
4	Pyridine, 3-trimethylsiloxy-	167	C8H13NOSi	041571-88-4	47
5	Acenaphthylene	152	C12H8	000208-96-8	46





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Data File : VV010696.D
Acq On : 07 May 2019 17:29
Operator : SY/MD
Sample : K2633-04
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

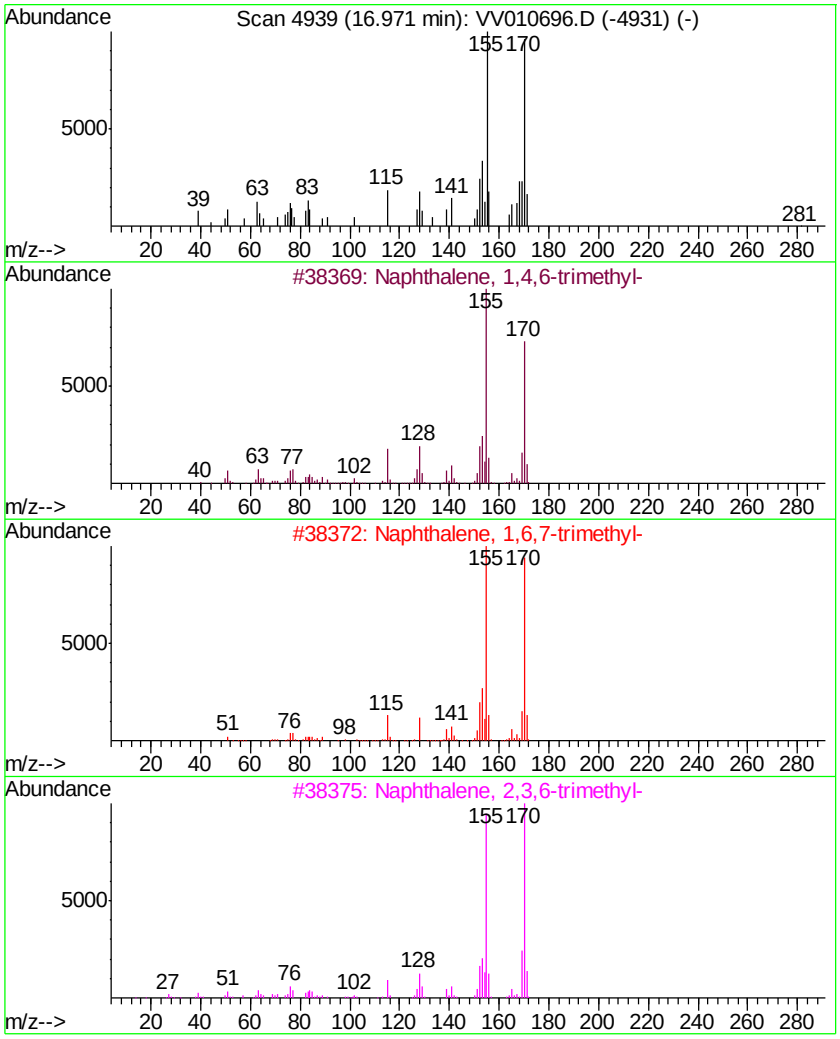
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

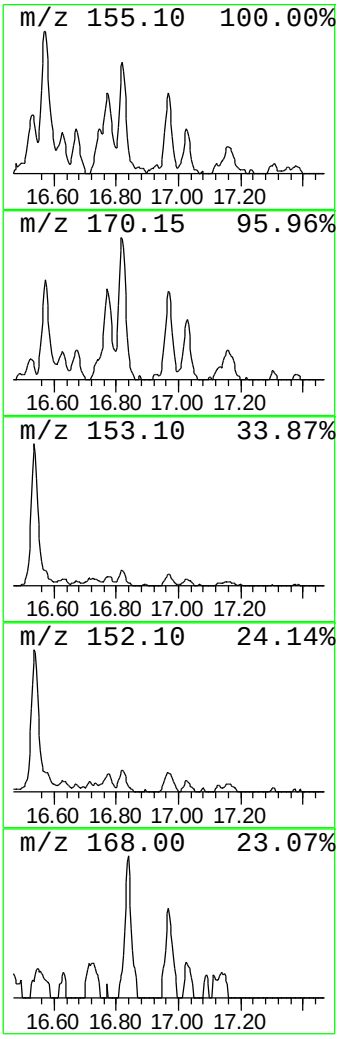
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	3.00 ug/L	23673	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010696.D
Acq On : 07 May 2019 17:29
Operator : SY/MD
Sample : K2633-04
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.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
2,4-Dimethylstyrene	12.24	2.0	ug/L	16197	3	11.29	197049	25.0
Benzene, 1,2,3,4-...	12.51	2.9	ug/L	22490	3	11.29	197049	25.0
Benzene, 2-etheny...	12.63	1.4	ug/L	11127	3	11.29	197049	25.0
o-Cymene	12.93	10.3	ug/L	81119	3	11.29	197049	25.0
1H-Indene, 1-methyl-	13.10	18.3	ug/L	144455	3	11.29	197049	25.0
Benzene, (2-methy...	13.18	2.2	ug/L	17123	3	11.29	197049	25.0
unknown-01	13.32	2.1	ug/L	16407	3	11.29	197049	25.0
1H-Indene, 2,3-di...	13.95	4.5	ug/L	35708	3	11.29	197049	25.0
Naphthalene, 1,2-...	14.14	9.8	ug/L	77295	3	11.29	197049	25.0
Naphthalene, 1-me...	14.86	80.5	ug/L	634649	3	11.29	197049	25.0
Naphthalene, 2,6-...	15.71	107.6	ug/L	847890	3	11.29	197049	25.0
Naphthalene, 2,3-...	15.86	82.4	ug/L	649565	3	11.29	197049	25.0
Biphenylene	16.33	23.7	ug/L	186829	3	11.29	197049	25.0
Naphthalene, 1,4,...	16.97	3.0	ug/L	23673	3	11.29	197049	25.0