LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010701.D
Acq On : 07 May 2019 19:49
Operator : SY/MD
Sample : K2633-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA1

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	2.537	442	450	462	rVB3	3710	6140	2.13%	0.332%
2	3.270	667	678	681	rBV2	336	631	0.22%	0.034%
3	3.331	694	697	700	rBV2	183	167	0.06%	0.009%
4	3.389	711	715	717	rBV	263	219	0.08%	0.012%
5	3.614	780	785	786	rBV	270	264	0.09%	0.014%
6	3.714	814	816	818	rBV2	152	91	0.03%	0.005%
7	3.730	818	821	829	rVB2	287	298	0.10%	0.016%
8	3.897	871	873	875	rBV	144	105	0.04%	0.006%
9	3.942	875	887	899	rBV	5927	15419	5.35%	0.835%
10	4.248	978	982	987	rBV2	302	346	0.12%	0.019%
11	4.402	1015	1030	1046	rBV2	16290	40467	14.04%	2.191%
12	4.598	1088	1091	1096	rBV2	214	172	0.06%	0.009%
13	4.662	1107	1111	1114	rBV2	274	283	0.10%	0.015%
14	4.707	1120	1125	1129	rBV	293	301	0.10%	0.016%
15	4.772	1140	1145	1149	rBV2	240	195	0.07%	0.011%
16	4.843	1162	1167	1171	rVB2	255	298	0.10%	0.016%
17	4.881	1171	1179	1180	rBV	298	296	0.10%	0.016%
18	4.958	1201	1203	1209	rVB2	246	197	0.07%	0.011%
19	4.994	1209	1214	1218	rBV2	260	312	0.11%	0.017%
20	5.026	1222	1224	1225	rVB2	207	57	0.02%	0.003%
21	5.039	1226	1228	1229	rBV	219	71	0.02%	0.004%
22	5.093	1229	1245	1264	rBV6	39148	100326	34.80%	5.432%
23	5.264	1295	1298	1300	rBV	330	211	0.07%	0.011%
24	5.286	1303	1305	1307	rBV2	138	75	0.03%	0.004%
25	5.312	1311	1313	1314	rBV2	99	54	0.02%	0.003%
26	5.399	1338	1340	1344	rVB2	250	156	0.05%	0.008%
27	5.418	1344	1346	1351	rBV2	160	167	0.06%	0.009%
28	5.556	1385	1389	1392	rBV2	253	257	0.09%	0.014%
29	5.601	1399	1403	1405	rBV2	165	143	0.05%	0.008%
30	5.666	1408	1423	1441	rBV2	29201	57811	20.05%	3.130%
31	5.762	1450	1453	1456	rBV2	332	262	0.09%	0.014%
32	5.900	1494	1496	1498	rBV	168	110	0.04%	0.006%
33	5.936	1503	1507	1509	rBV	513	410	0.14%	0.022%
34	6.119	1551	1564	1582	rBV3	28565	57136	19.82%	3.094%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010701.D
Acq On : 07 May 2019 19:49
Operator : SY/MD
Sample : K2633-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA1

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

35	6.203	1588	1590	1593	rVB2	453	184	0.06%	0.010%
36	6.225	1593	1597	1603	rVB2	420	389	0.13%	0.021%
37	6.257	1603	1607	1609	rBV2	485	338	0.12%	0.018%
38	6.273	1609	1612	1622	rVV	189	221	0.08%	0.012%
39	6.363	1636	1640	1642	rBV2	286	247	0.09%	0.013%
40	6.396	1647	1650	1653	rVV	154	114	0.04%	0.006%
41	6.505	1678	1684	1689	rBV	372	431	0.15%	0.023%
42	6.675	1735	1737	1742	rVB2	278	185	0.06%	0.010%
43	6.698	1742	1744	1745	rBV	195	106	0.04%	0.006%
44	6.794	1772	1774	1776	rBV2	148	85	0.03%	0.005%
45	6.884	1798	1802	1805	rBV2	210	180	0.06%	0.010%
46	7.032	1833	1848	1862	rBV2	14099	25919	8.99%	1.403%
47	7.360	1939	1950	1968	rBV2	36058	62817	21.79%	3.401%
48	7.489	1987	1990	1993	rBV2	376	231	0.08%	0.013%
49	7.666	2030	2045	2059	rVV3	10202	17346	6.02%	0.939%
50	7.717	2059	2061	2068	rVB2	197	189	0.07%	0.010%
51	7.749	2068	2071	2073	rBV2	243	148	0.05%	0.008%
52	7.846	2097	2101	2106	rVB2	319	293	0.10%	0.016%
53	7.871	2107	2109	2116	rVB	430	335	0.12%	0.018%
54	7.900	2116	2118	2124	rVB2	255	238	0.08%	0.013%
55	7.932	2124	2128	2132	rBV2	262	304	0.11%	0.016%
56	8.058	2164	2167	2170	rBV2	298	263	0.09%	0.014%
57	8.135	2181	2191	2211	rBV3	23239	41320	14.33%	2.237%
58	8.646	2347	2350	2357	rVB2	307	310	0.11%	0.017%
59	8.765	2385	2387	2390	rVB2	176	114	0.04%	0.006%
60	8.788	2390	2394	2400	rBV2	254	335	0.12%	0.018%
61	8.842	2403	2411	2416	rBV2	264	429	0.15%	0.023%
62	8.897	2416	2428	2443	rBV2	60124	100435	34.84%	5.438%
63	9.058	2474	2478	2480	rBV2	173	123	0.04%	0.007%
64	9.112	2492	2495	2498	rBV	186	156	0.05%	0.008%
65	9.251	2535	2538	2541	rVB2	309	178	0.06%	0.010%
66	9.267	2541	2543	2545	rBV	199	131	0.05%	0.007%
67	9.447	2595	2599	2604	rBV2	232	299	0.10%	0.016%
68	9.653	2660	2663	2665	rBV	245	189	0.07%	0.010%
69	10.260	2841	2852	2866	rBV	35987	57259	19.86%	3.100%
70	10.530	2933	2936	2938	rBV2	405	333	0.12%	0.018%
71	10.955	3065	3068	3071	rBV2	447	337	0.12%	0.018%

LSC Area Percent Report

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Operator : SY/MD
Sample : K2633-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA1

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	11.296	3163	3174	3187	rBV	69379	109303	37.91%	5.919%
73	11.373	3196	3198	3202	rBV4	284	177	0.06%	0.010%
74	11.434	3215	3217	3220	rBV2	181	113	0.04%	0.006%
75	11.672	3280	3291	3307	rVB	49663	78908	27.37%	4.273%
76	12.244	3461	3469	3476	rVB4	2700	3662	1.27%	0.198%
77	12.296	3476	3485	3495	rBV3	1791	2672	0.93%	0.145%
78	12.636	3586	3591	3597	rVB4	765	1013	0.35%	0.055%
79	12.739	3621	3623	3629	rVB2	379	236	0.08%	0.013%
80	12.929	3672	3682	3693	rBV4	4125	5899	2.05%	0.319%
81	13.103	3727	3736	3746	rBV4	7442	11550	4.01%	0.625%
82	13.514	3861	3864	3865	rBV2	280	149	0.05%	0.008%
83	13.948	3994	3999	4000	rBV2	1042	892	0.31%	0.048%
84	14.093	4038	4044	4052	rBV2	3415	4316	1.50%	0.234%
85	14.273	4092	4100	4110	rVB6	5762	10720	3.72%	0.580%
86	14.614	4203	4206	4207	rBV2	904	425	0.15%	0.023%
87	14.681	4221	4227	4236	rVB3	5540	7944	2.76%	0.430%
88	14.826	4269	4272	4273	rBV2	560	282	0.10%	0.015%
89	14.865	4274	4284	4298	rVV	95011	150428	52.18%	8.145%
90	15.360	4434	4438	4440	rBV3	677	432	0.15%	0.023%
91	15.414	4449	4455	4462	rBV3	5422	6635	2.30%	0.359%
92	15.717	4538	4549	4563	rBV	170165	277536	96.27%	15.028%
93	15.861	4584	4594	4601	rBV	183780	288286	100.00%	15.610%
94	15.993	4629	4635	4644	rVB7	5174	7808	2.71%	0.423%
95	16.061	4648	4656	4659	rBV4	27160	37361	12.96%	2.023%
96	16.231	4702	4709	4720	rBV2	15149	22135	7.68%	1.199%
97	16.331	4730	4740	4754	rVB4	32266	64316	22.31%	3.483%
98	16.967	4931	4938	4948	rVB3	29407	45114	15.65%	2.443%
99	17.025	4949	4956	4966	rBV5	17310	26190	9.08%	1.418%
100	17.447	5078	5087	5104	rBV2	46972	86328	29.95%	4.674%

Sum of corrected areas: 1846788

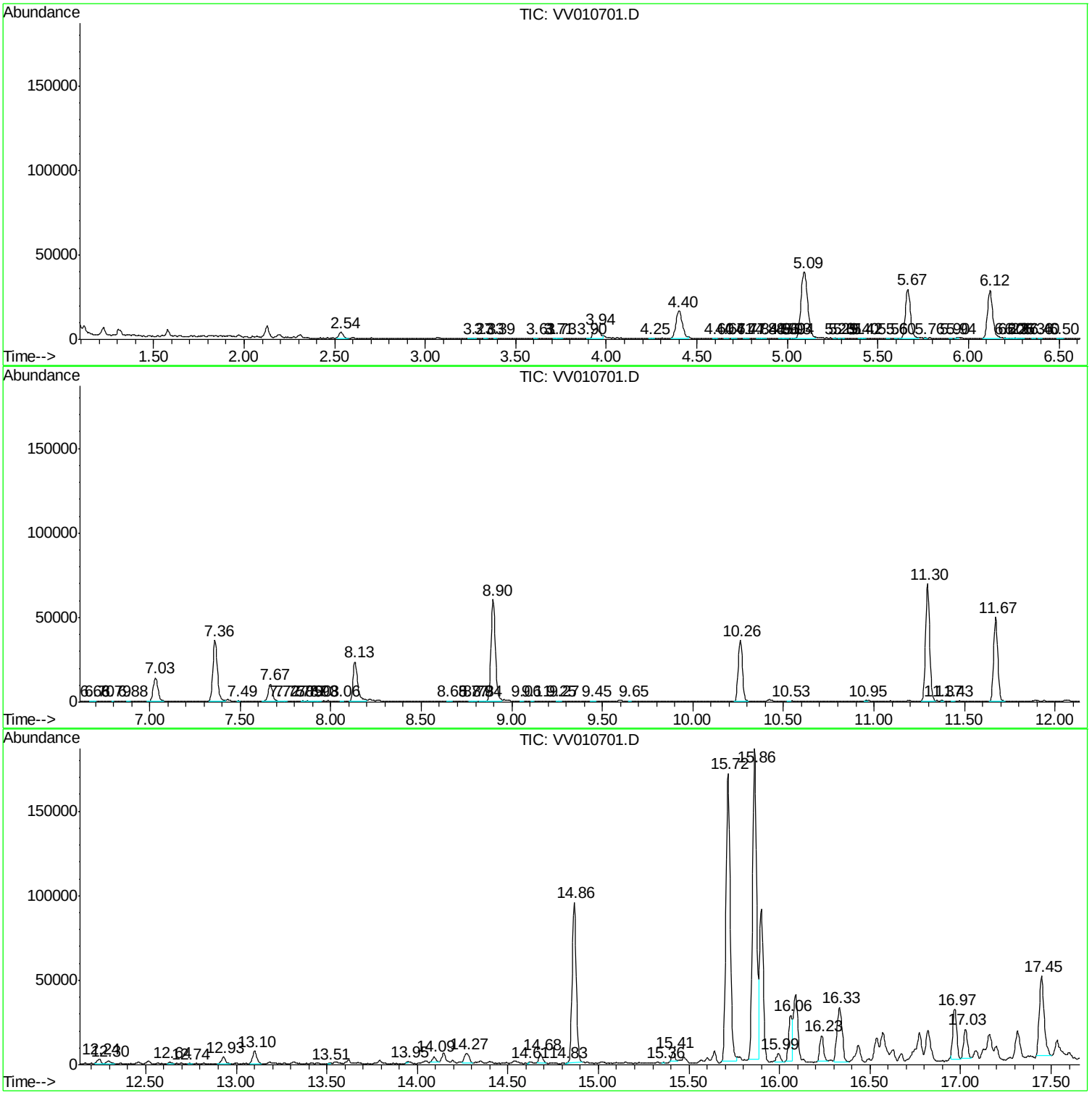
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010701.D
Acq On : 07 May 2019 19:49
Operator : SY/MD
Sample : K2633-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJA1

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 : VV010701.D
Acq On : 07 May 2019 19:49
Operator : SY/MD
Sample : K2633-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA1

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

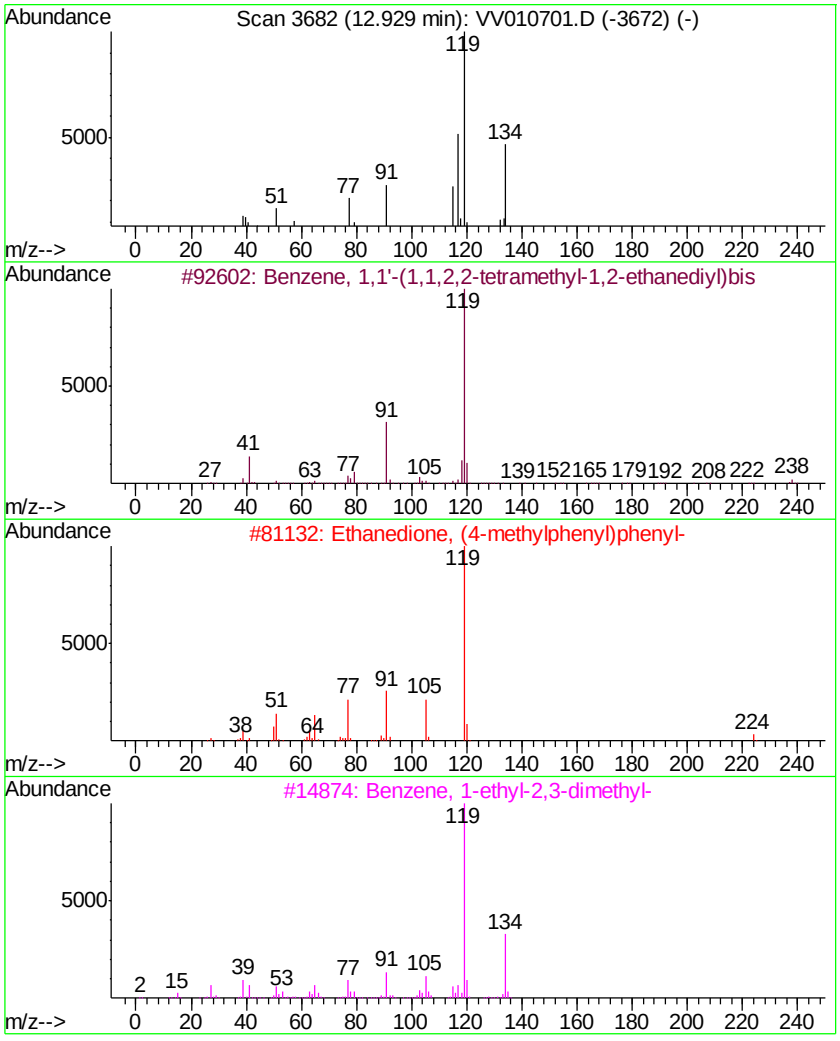
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

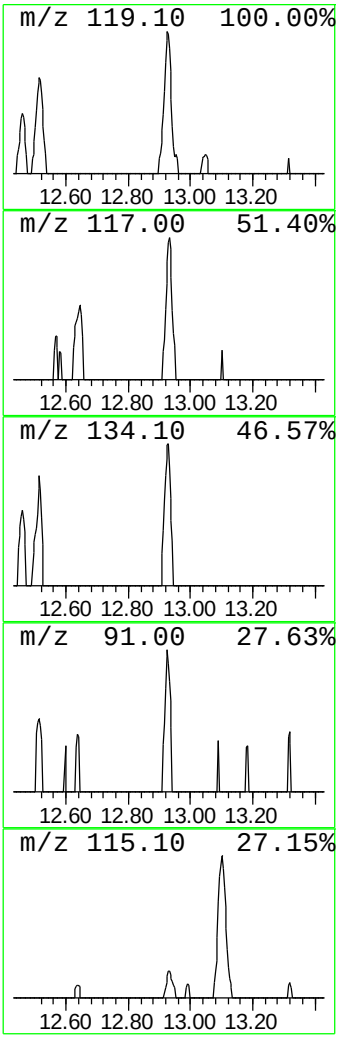
****

Peak Number 2 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	1.35 ug/L	5899	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	17
2	Ethanedione, (4-methylphenyl)phe...	224	C15H12O2	002431-00-7	12
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	9
4	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	9
5	Tricyclo[3.2.1.0(2,,4)]oct-6-ene...	118	C9H10	066929-90-6	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010701.D
Acq On : 07 May 2019 19:49
Operator : SY/MD
Sample : K2633-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA1

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

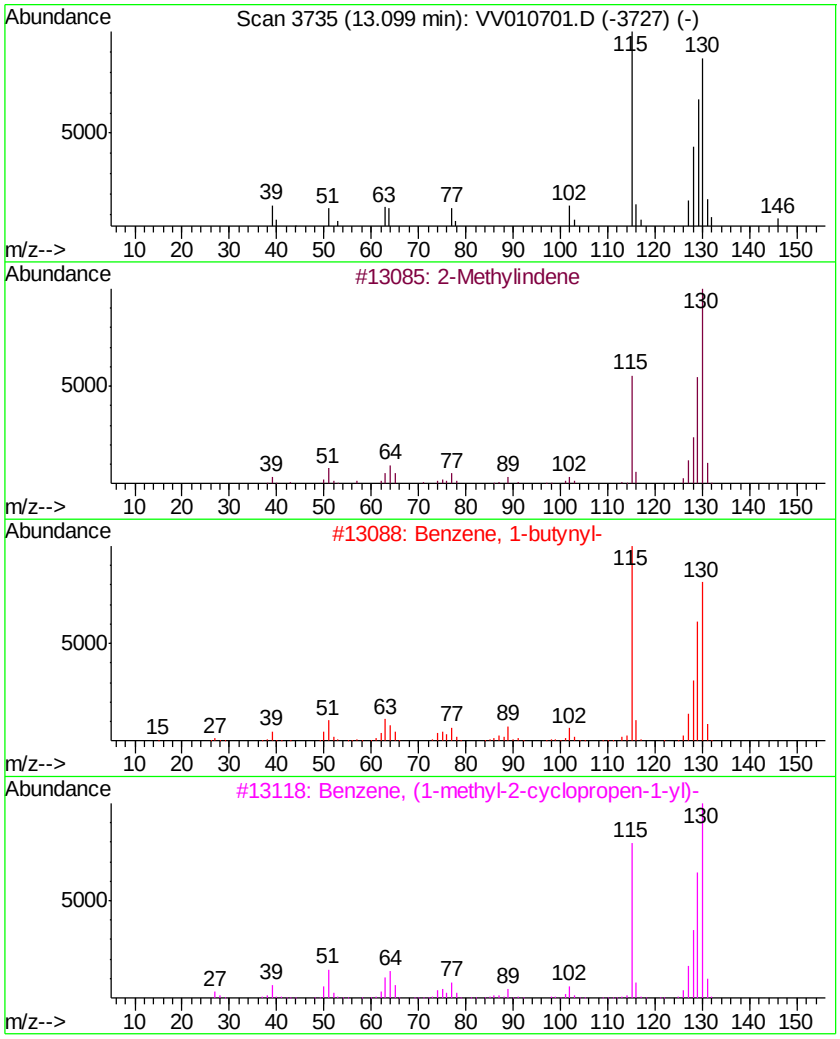
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

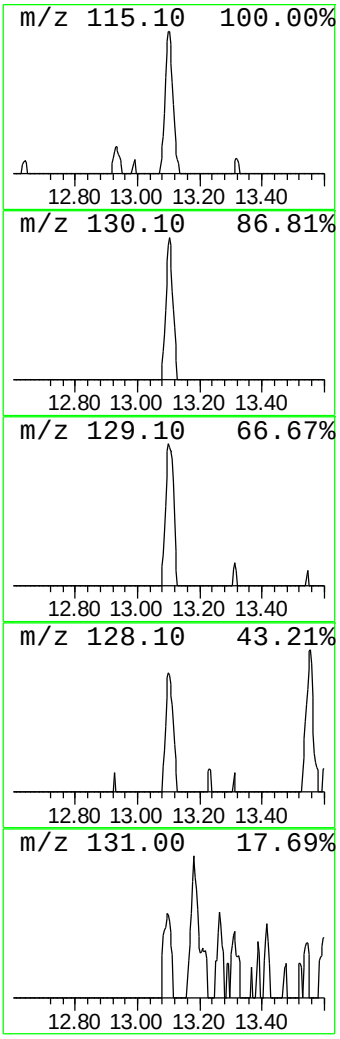
****

Peak Number 3 2-Methylindene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.64 ug/L	11550	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	87
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	87
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	87
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	87
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
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Sample : K2633-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA1

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

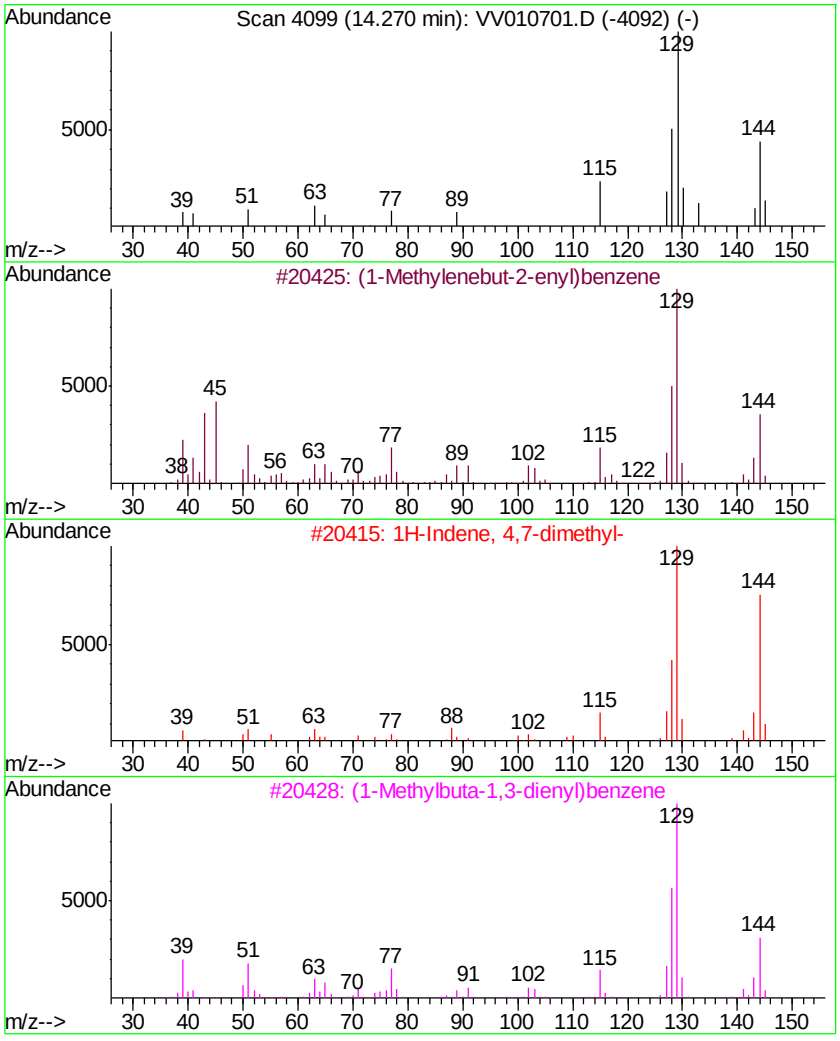
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

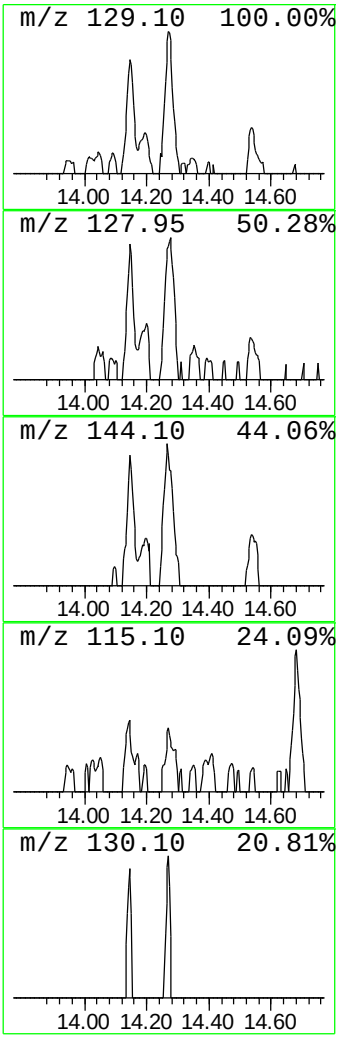
****

Peak Number 4 (1-Methylenebut-2-enyl)benzene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	2.45 ug/L	10720	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	80
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	80
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	72
4	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	72
5	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
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Acq On : 07 May 2019 19:49
Operator : SY/MD
Sample : K2633-09
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA1

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

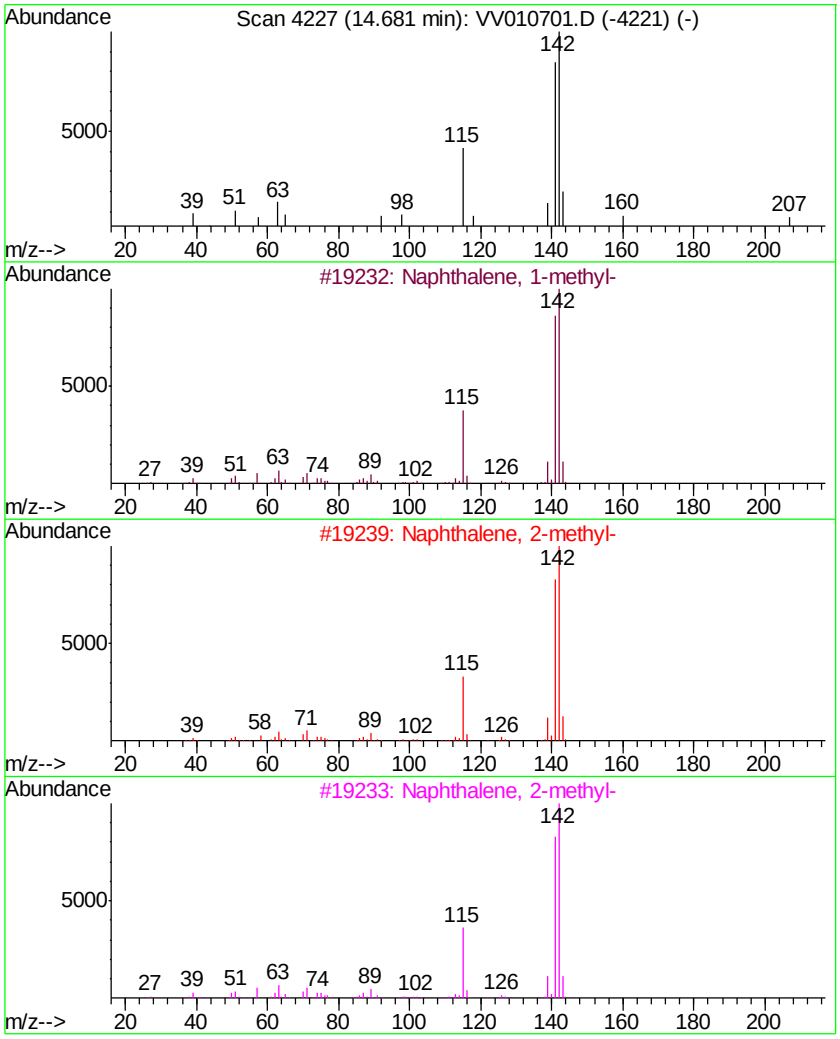
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

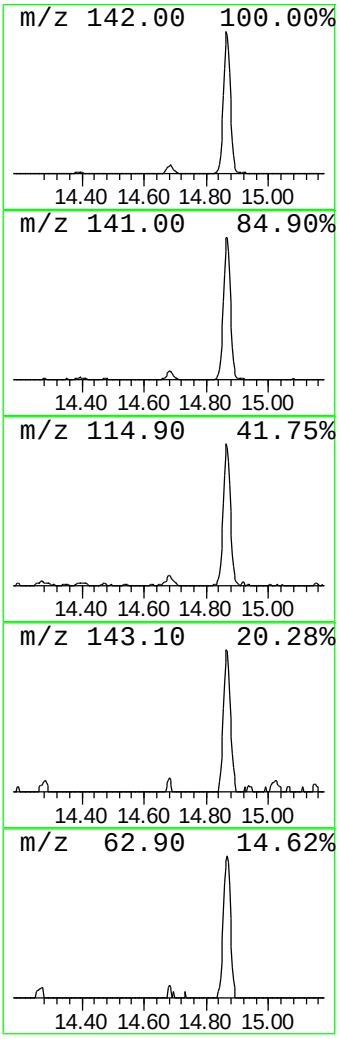
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	1.82 ug/L	7944	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	80
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	80
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	72
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	72
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010701.D
Acq On : 07 May 2019 19:49
Operator : SY/MD
Sample : K2633-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA1

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

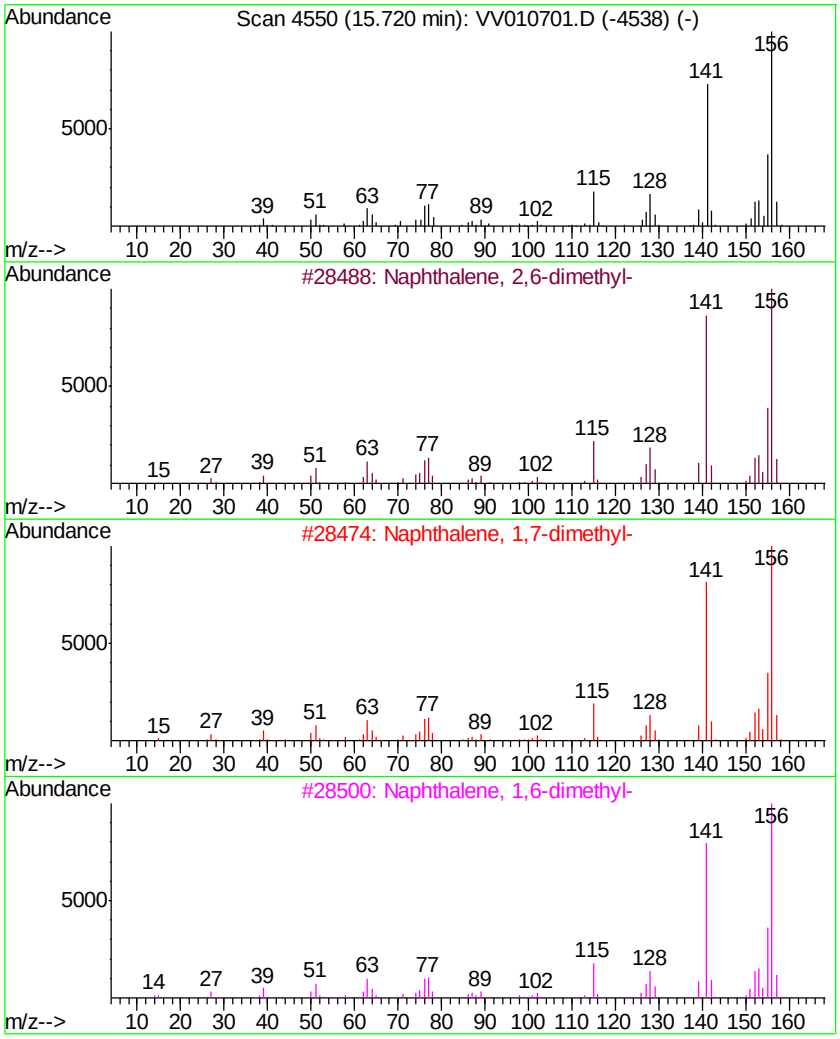
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

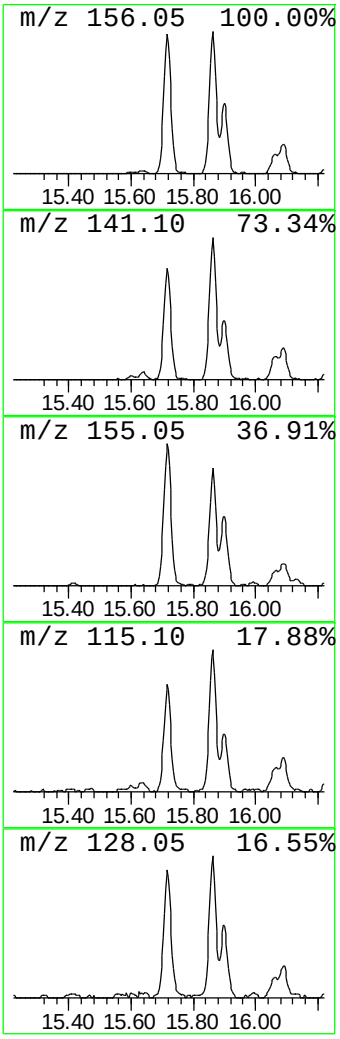
****

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	63.48 ug/L	277536	1,4-Dichlorobenzene-d4	11.30

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	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





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Data File : VV010701.D
Acq On : 07 May 2019 19:49
Operator : SY/MD
Sample : K2633-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA1

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

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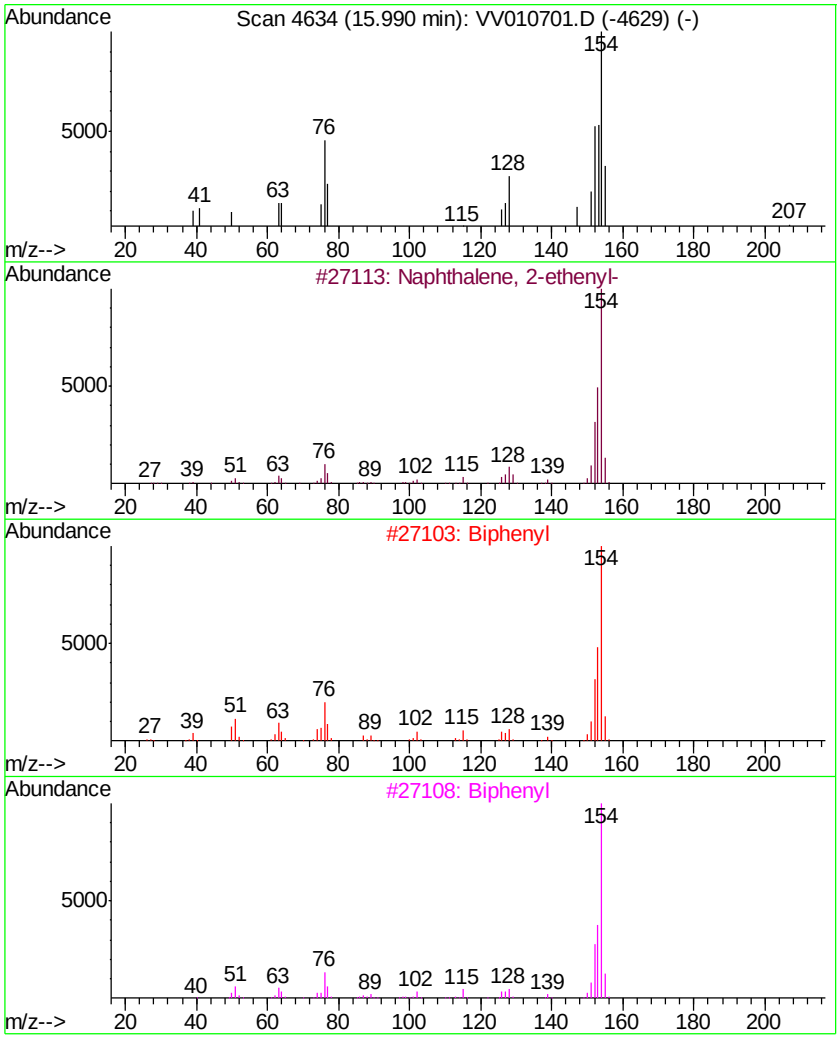
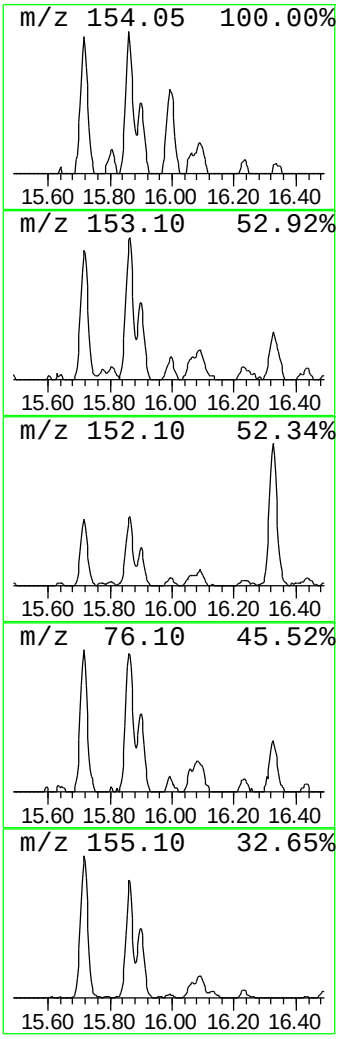
Peak Number 10 Naphthalene, 2-ethenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	1.79 ug/L	7808	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	62
2	Biphenyl	154	C12H10	000092-52-4	52
3	Biphenyl	154	C12H10	000092-52-4	52
4	Biphenyl	154	C12H10	000092-52-4	50
5	Biphenyl	154	C12H10	000092-52-4	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010701.D
Acq On : 07 May 2019 19:49
Operator : SY/MD
Sample : K2633-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA1

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

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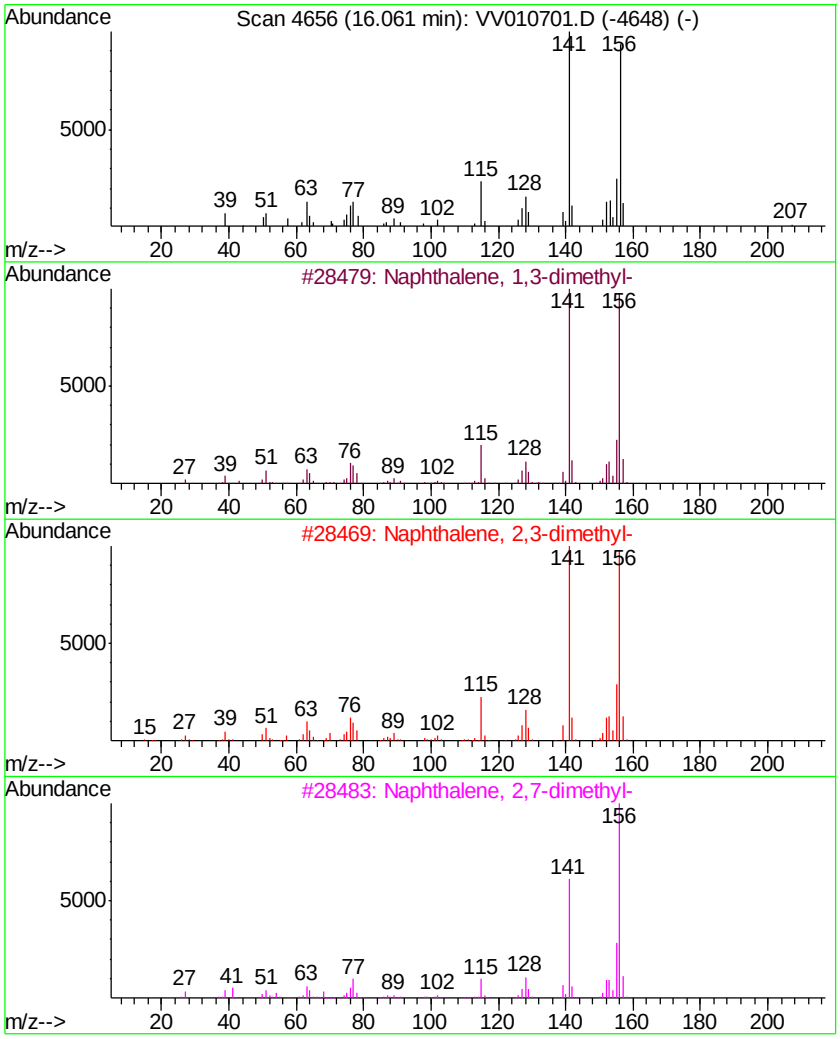
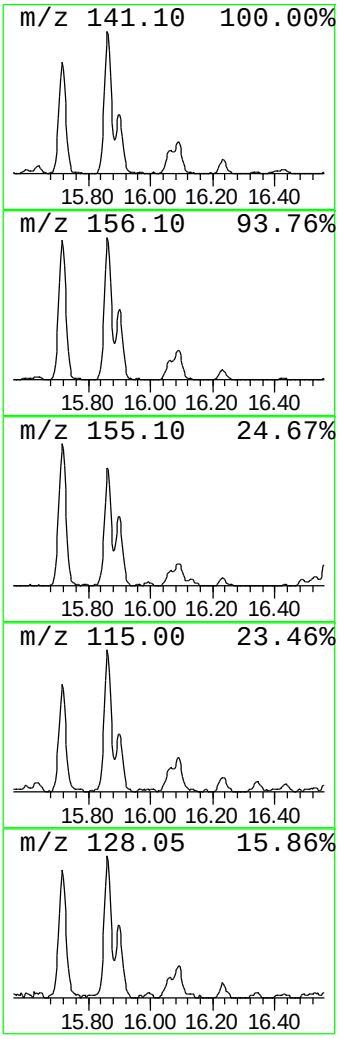
Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	8.55 ug/L	37361	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Data File : VV010701.D
Acq On : 07 May 2019 19:49
Operator : SY/MD
Sample : K2633-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA1

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

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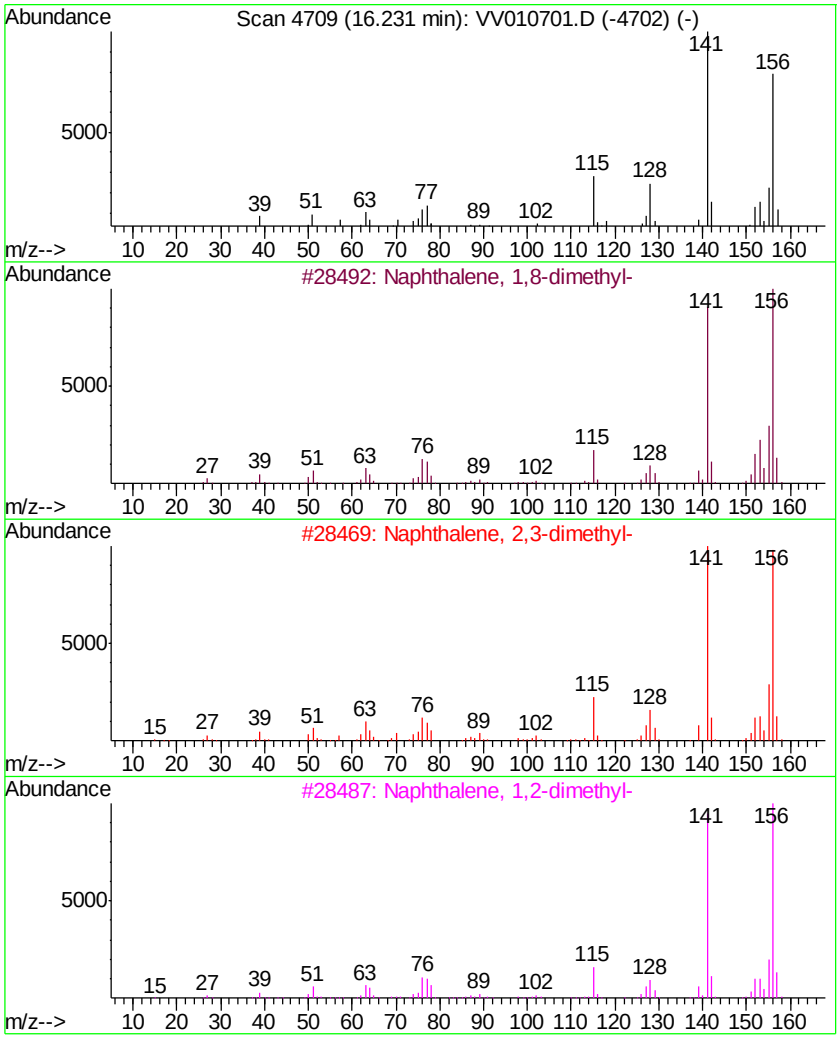
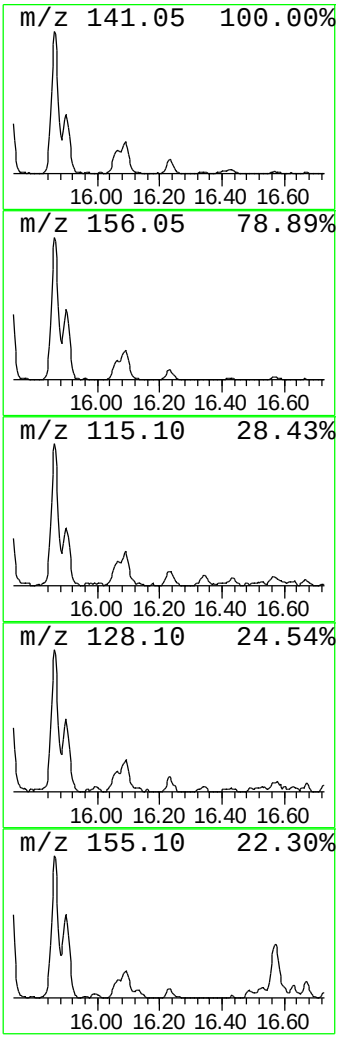
Peak Number 12 Naphthalene, 1,8-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	5.06 ug/L	22135	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93





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Data File : VV010701.D
Acq On : 07 May 2019 19:49
Operator : SY/MD
Sample : K2633-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA1

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

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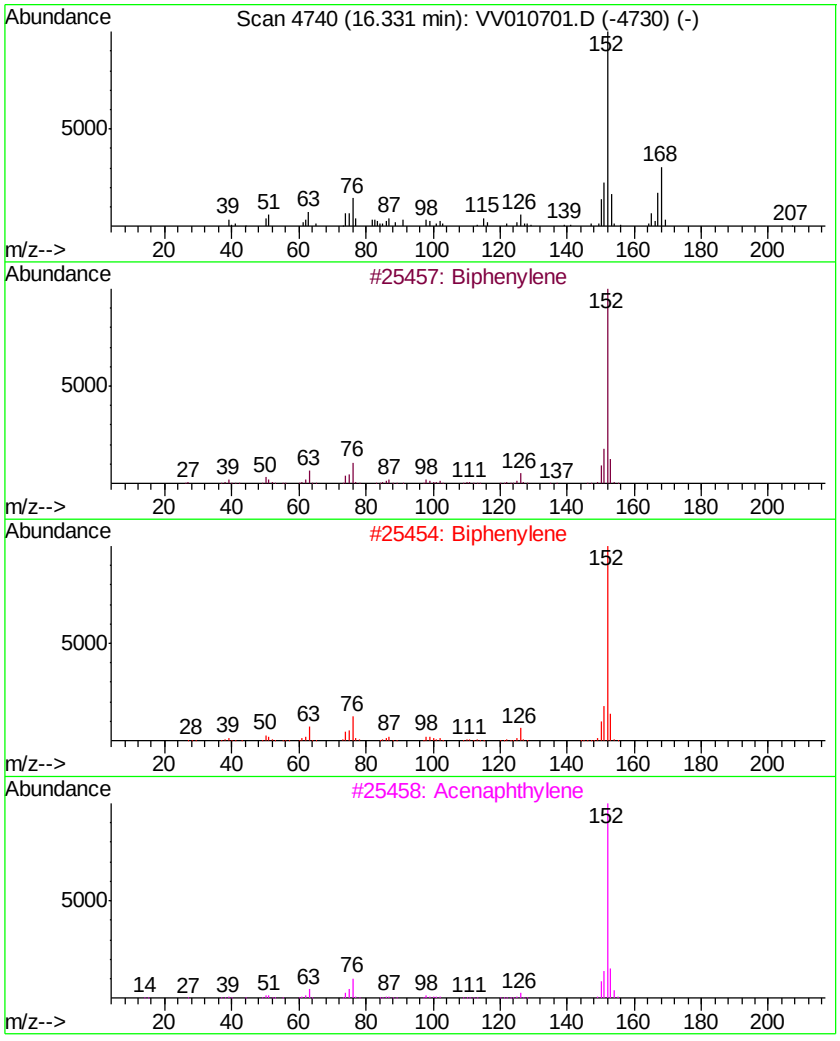
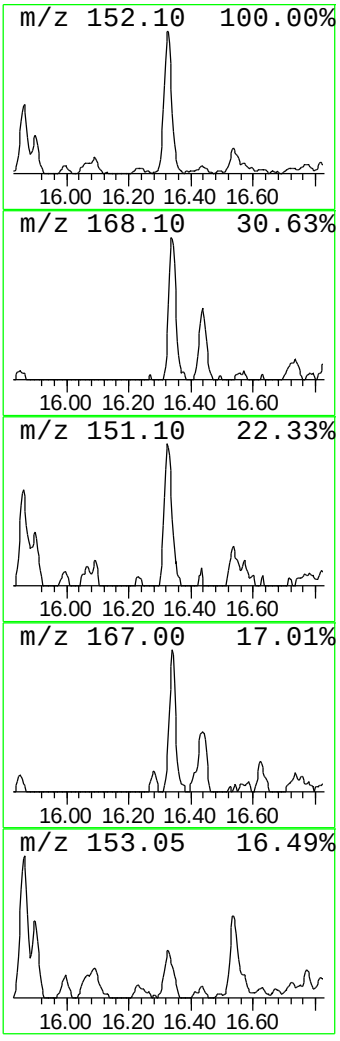
Peak Number 13 Biphenylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	14.71 ug/L	64316	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	93
2	Biphenylene	152	C12H8	000259-79-0	93
3	Acenaphthylene	152	C12H8	000208-96-8	62
4	Acenaphthylene	152	C12H8	000208-96-8	58
5	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010701.D
Acq On : 07 May 2019 19:49
Operator : SY/MD
Sample : K2633-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA1

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

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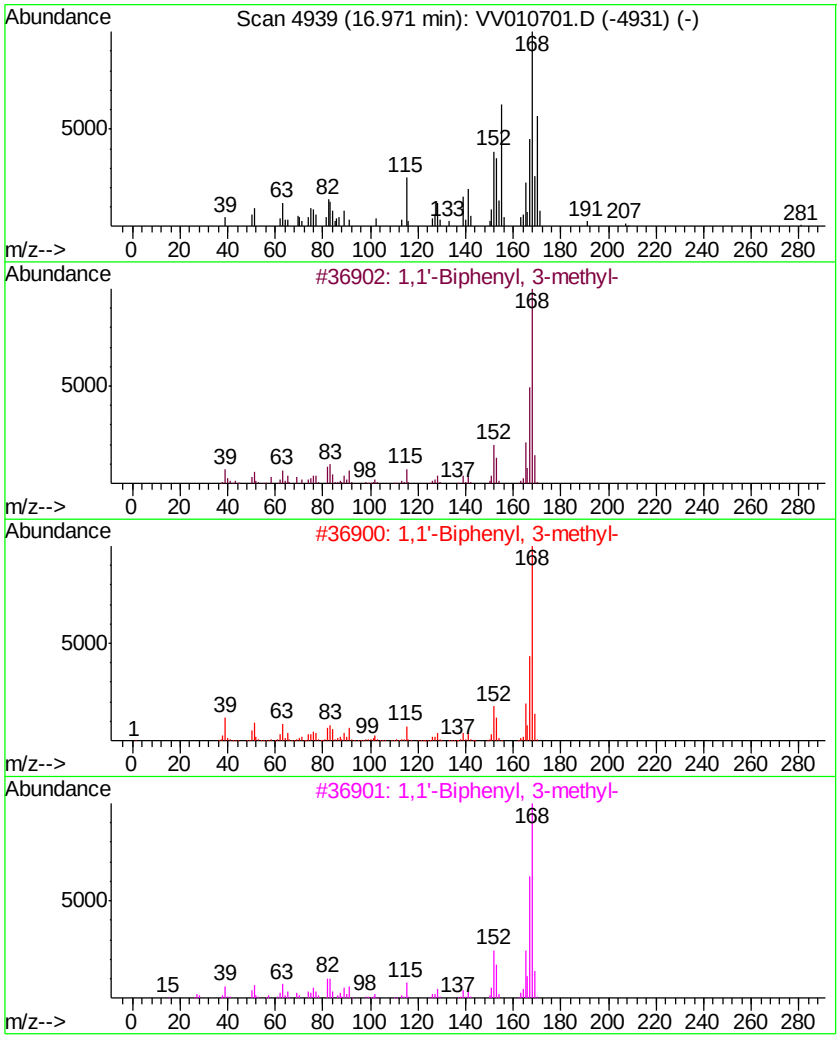
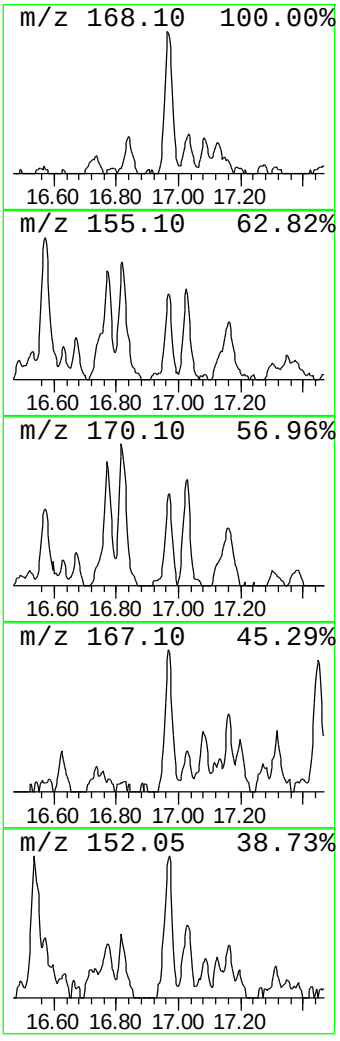
Peak Number 14 1,1'-Biphenyl, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	10.32 ug/L	45114	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	89
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	38
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	35





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Data File : VV010701.D
Acq On : 07 May 2019 19:49
Operator : SY/MD
Sample : K2633-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA1

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

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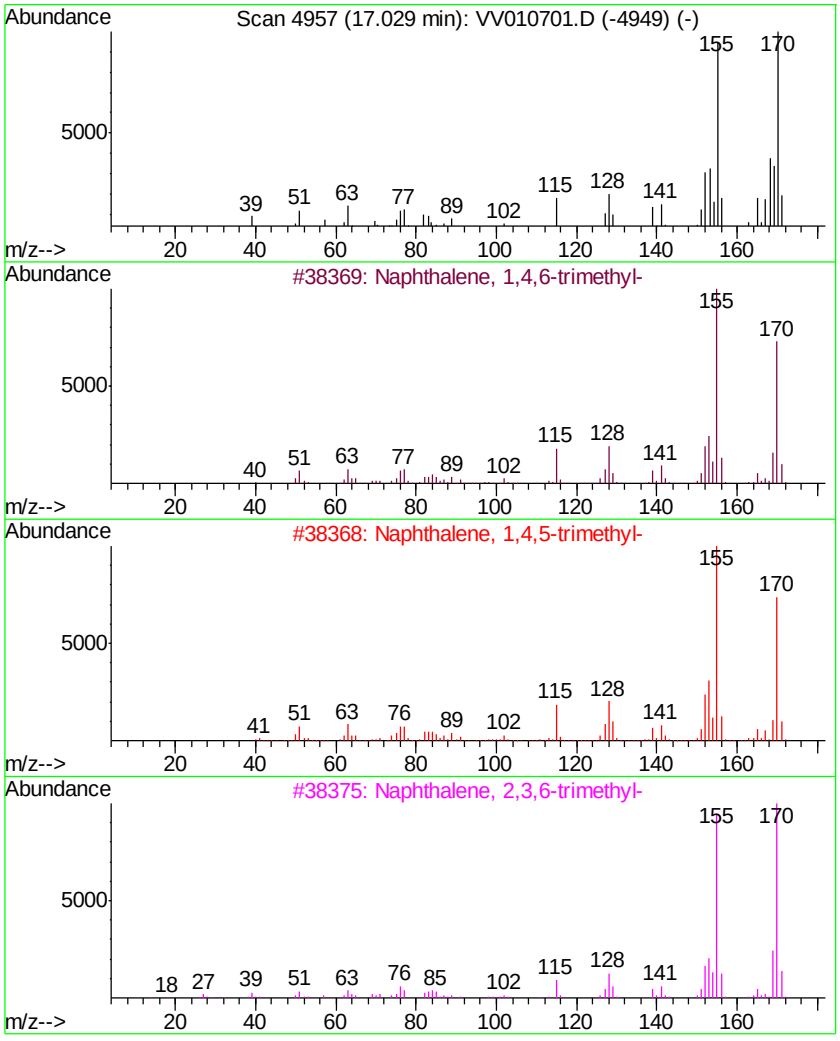
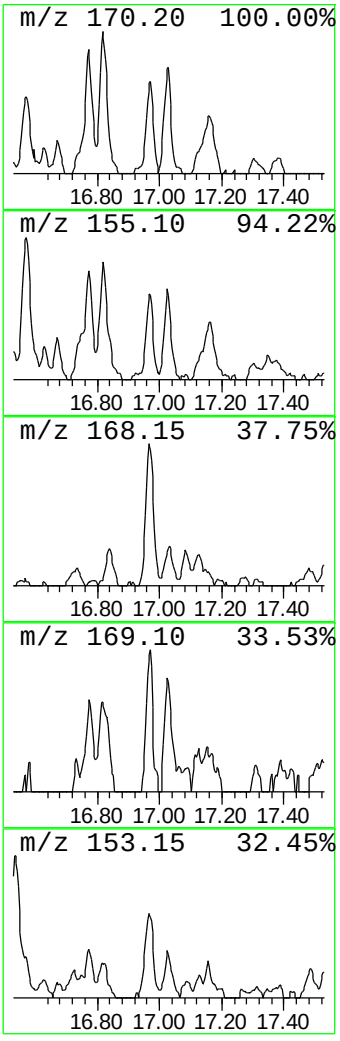
Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	5.99 ug/L	26190	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010701.D
Acq On : 07 May 2019 19:49
Operator : SY/MD
Sample : K2633-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA1

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
unknown-01	12.93	1.4	ug/L	5899	3	11.30	109303	25.0
2-Methylindene	13.10	2.6	ug/L	11550	3	11.30	109303	25.0
(1-Methylenebut-2...	14.27	2.5	ug/L	10720	3	11.30	109303	25.0
Naphthalene, 1-me...	14.68	1.8	ug/L	7944	3	11.30	109303	25.0
Naphthalene, 2,6-...	15.72	63.5	ug/L	277536	3	11.30	109303	25.0
Naphthalene, 2-et...	15.99	1.8	ug/L	7808	3	11.30	109303	25.0
Naphthalene, 1,3-...	16.06	8.6	ug/L	37361	3	11.30	109303	25.0
Naphthalene, 1,8-...	16.23	5.1	ug/L	22135	3	11.30	109303	25.0
Biphenylene	16.33	14.7	ug/L	64316	3	11.30	109303	25.0
1,1'-Biphenyl, 3-...	16.97	10.3	ug/L	45114	3	11.30	109303	25.0
Naphthalene, 1,4,...	17.03	6.0	ug/L	26190	3	11.30	109303	25.0