LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

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\SOM2VLM041819S.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	1.576	145	151	160	rBV	71769	83436	2.69%	0.640%
2	2.126	314	322	332	rVB	176783	242845	7.83%	1.863%
3	2.283	369	371	373	rBV2	689	352	0.01%	0.003%
4	2.318	374	382	392	rVV4	4149	7127	0.23%	0.055%
5	2.537	440	450	463	rBV2	37855	63298	2.04%	0.485%
6	2.691	496	498	500	rBV	509	228	0.01%	0.002%
7	2.714	502	505	508	rVB2	542	348	0.01%	0.003%
8	2.733	508	511	514	rBV3	534	353	0.01%	0.003%
9	2.862	547	551	552	rBV2	390	301	0.01%	0.002%
10	3.071	608	616	628	rVB3	5046	9945	0.32%	0.076%
11	3.138	635	637	641	rVB	541	312	0.01%	0.002%
12	3.212	658	660	663	rBV3	417	342	0.01%	0.003%
13	3.293	683	685	693	rVB3	532	552	0.02%	0.004%
14	3.344	699	701	705	rVV2	405	284	0.01%	0.002%
15	3.402	713	719	722	rVB2	468	417	0.01%	0.003%
16	3.425	723	726	730	rVB2	801	503	0.02%	0.004%
17	3.453	731	735	738	rBV3	517	407	0.01%	0.003%
18	3.605	779	782	785	rBV	443	285	0.01%	0.002%
19	3.617	785	786	793	rVB2	502	350	0.01%	0.003%
20	3.646	793	795	797	rBV	446	252	0.01%	0.002%
21	3.836	851	854	858	rBV2	674	343	0.01%	0.003%
22	3.875	863	866	868	rBV3	412	241	0.01%	0.002%
23	3.936	874	885	911	rBV	35409	94323	3.04%	0.723%
24	4.251	981	983	988	rBV2	426	305	0.01%	0.002%
25	4.402	1012	1030	1050	rBV	124117	305820	9.85%	2.346%
26	4.540	1071	1073	1077	rVB3	629	321	0.01%	0.002%
27	4.688	1117	1119	1123	rBV3	588	396	0.01%	0.003%
28	4.714	1123	1127	1129	rVB	867	549	0.02%	0.004%
29	4.820	1157	1160	1162	rBV	541	268	0.01%	0.002%
30	4.961	1201	1204	1206	rBV3	568	390	0.01%	0.003%
31	5.093	1226	1245	1270	rBV2	275287	706446	22.76%	5.418%
32	5.367	1329	1330	1335	rBV2	505	487	0.02%	0.004%
33	5.408	1340	1343	1346	rVV2	702	330	0.01%	0.003%
34	5.450	1353	1356	1359	rBV2	374	233	0.01%	0.002%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

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\SOM2VLM041819S.M
Title : VOC Analysis

35	5.495	1367	1370	1376	rBV	773	682	0.02%	0.005%
36	5.595	1399	1401	1405	rVB3	372	222	0.01%	0.002%
37	5.666	1408	1423	1445	rBV	255283	511242	16.47%	3.921%
38	5.916	1499	1501	1502	rBV2	791	300	0.01%	0.002%
39	5.945	1502	1510	1511	rBV4	3206	2908	0.09%	0.022%
40	5.990	1521	1524	1530	rBV4	740	680	0.02%	0.005%
41	6.013	1530	1531	1533	rBV2	589	301	0.01%	0.002%
42	6.051	1541	1543	1548	rVB3	647	451	0.01%	0.003%
43	6.119	1549	1564	1586	rBV2	162280	333455	10.75%	2.558%
44	6.415	1653	1656	1659	rBV2	271	217	0.01%	0.002%
45	6.694	1737	1743	1752	rVB7	2570	3973	0.13%	0.030%
46	6.820	1769	1782	1792	rBV7	6513	12609	0.41%	0.097%
47	7.029	1835	1847	1869	rBV3	87404	164308	5.29%	1.260%
48	7.145	1881	1883	1886	rBV	571	335	0.01%	0.003%
49	7.360	1939	1950	1969	rBV	320192	555396	17.90%	4.260%
50	7.666	2034	2045	2064	rBV	59112	102762	3.31%	0.788%
51	7.813	2087	2091	2093	rBV2	799	728	0.02%	0.006%
52	8.051	2163	2165	2168	rVB2	546	228	0.01%	0.002%
53	8.132	2179	2190	2208	rBV	120543	223069	7.19%	1.711%
54	8.341	2253	2255	2260	rBV2	518	369	0.01%	0.003%
55	8.379	2264	2267	2271	rBV2	847	600	0.02%	0.005%
56	8.485	2297	2300	2301	rBV	408	229	0.01%	0.002%
57	8.894	2415	2427	2452	rBV	384877	659380	21.25%	5.057%
58	9.048	2470	2475	2477	rBV2	1346	937	0.03%	0.007%
59	9.100	2485	2491	2492	rBV3	646	578	0.02%	0.004%
60	9.222	2525	2529	2532	rBV3	408	331	0.01%	0.003%
61	9.521	2619	2622	2624	rBV	724	464	0.01%	0.004%
62	9.591	2636	2644	2645	rBV3	1357	1282	0.04%	0.010%
63	9.662	2661	2666	2668	rBV2	499	459	0.01%	0.004%
64	9.730	2684	2687	2691	rVB2	437	277	0.01%	0.002%
65	9.820	2709	2715	2720	rBV3	433	528	0.02%	0.004%
66	9.842	2720	2722	2724	rBV3	481	291	0.01%	0.002%
67	9.919	2744	2746	2749	rBV	398	317	0.01%	0.002%
68	9.987	2766	2767	2772	rVB2	507	307	0.01%	0.002%
69	10.058	2787	2789	2792	rVB	673	338	0.01%	0.003%
70	10.122	2805	2809	2810	rBV2	513	307	0.01%	0.002%
71	10.170	2821	2824	2826	rVB	634	375	0.01%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

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\SOM2VLM041819S.M
Title : VOC Analysis

72	10.186	2826	2829	2832	rBV	497	290	0.01%	0.002%
73	10.260	2841	2852	2866	rBV	202078	315055	10.15%	2.416%
74	10.354	2879	2881	2884	rVB	512	217	0.01%	0.002%
75	10.373	2884	2887	2889	rBV2	495	297	0.01%	0.002%
76	10.427	2896	2904	2917	rVB3	9007	14934	0.48%	0.115%
77	10.492	2918	2924	2931	rBV4	1570	1801	0.06%	0.014%
78	10.582	2946	2952	2961	rVV4	3699	5888	0.19%	0.045%
79	10.817	3023	3025	3028	rBV3	499	242	0.01%	0.002%
80	10.958	3062	3069	3082	rVB3	11893	18276	0.59%	0.140%
81	11.032	3085	3092	3100	rVB3	9981	13794	0.44%	0.106%
82	11.074	3103	3105	3108	rBV3	1445	826	0.03%	0.006%
83	11.186	3132	3140	3142	rBV7	1936	2154	0.07%	0.017%
84	11.296	3162	3174	3192	rBV	426463	679170	21.89%	5.209%
85	11.530	3244	3247	3249	rBV	507	337	0.01%	0.003%
86	11.579	3255	3262	3270	rBV9	5400	9182	0.30%	0.070%
87	11.672	3280	3291	3306	rVB	407951	659985	21.27%	5.062%
88	11.794	3323	3329	3339	rVB2	8785	12281	0.40%	0.094%
89	11.955	3374	3379	3381	rBV4	5256	4545	0.15%	0.035%
90	12.241	3461	3468	3477	rVB2	58273	82725	2.67%	0.634%
91	12.460	3528	3536	3544	rBV	29143	42765	1.38%	0.328%
92	12.514	3545	3553	3566	rBV	49223	81505	2.63%	0.625%
93	12.636	3585	3591	3604	rBV5	26076	43588	1.40%	0.334%
94	12.929	3674	3682	3693	rVB2	84044	127560	4.11%	0.978%
95	13.103	3725	3736	3753	rVB3	158564	277320	8.94%	2.127%
96	14.681	4218	4227	4240	rVB	860291	1296474	41.78%	9.944%
97	14.865	4273	4284	4299	rBV	2016253	3103292	100.00%	23.802%
98	15.717	4539	4549	4572	rBV	537331	926138	29.84%	7.103%
99	15.861	4585	4594	4601	rBV	632278	991866	31.96%	7.607%
100	16.328	4731	4739	4755	rVB2	119169	222008	7.15%	1.703%

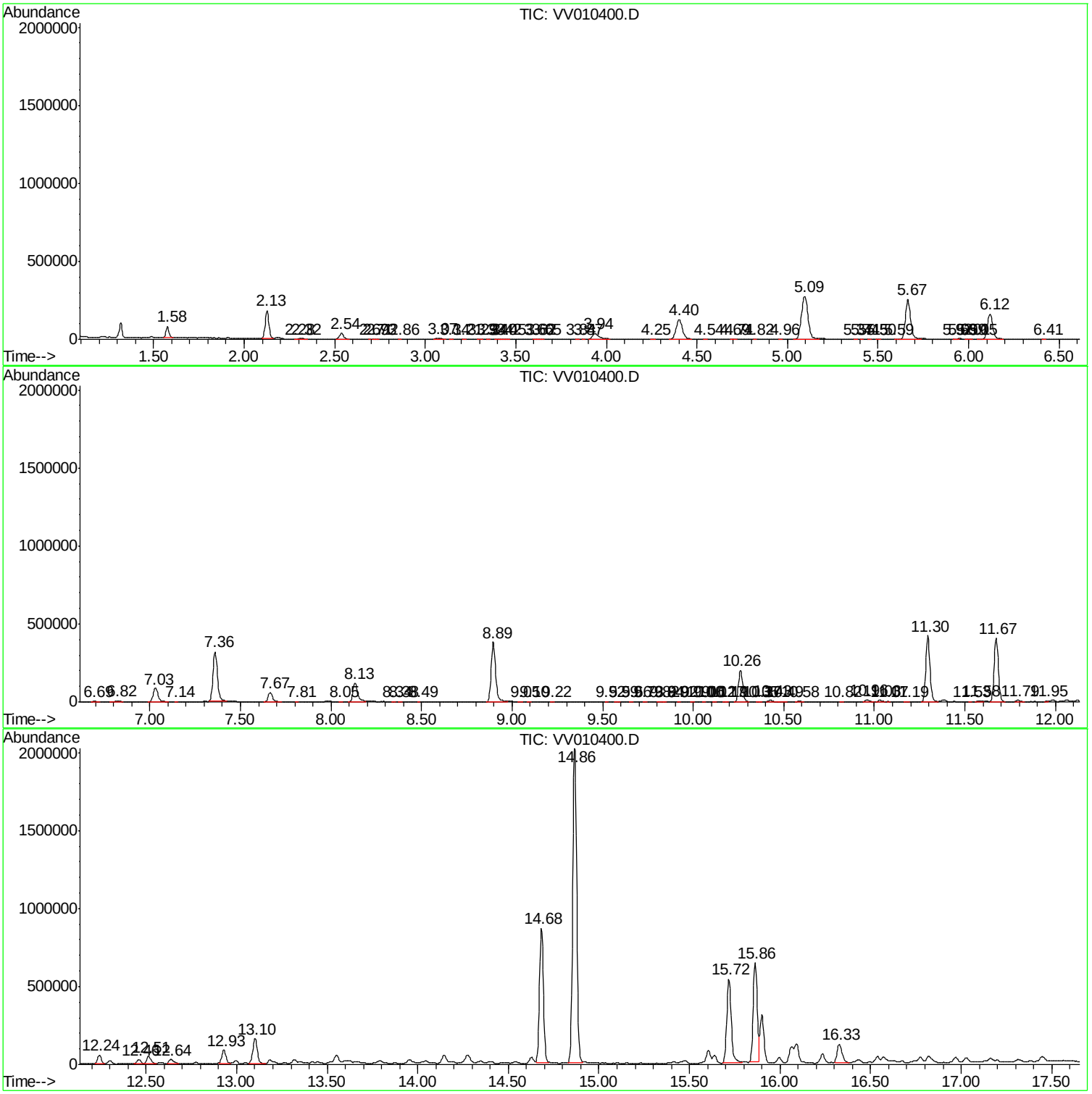
Sum of corrected areas: 13038139

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

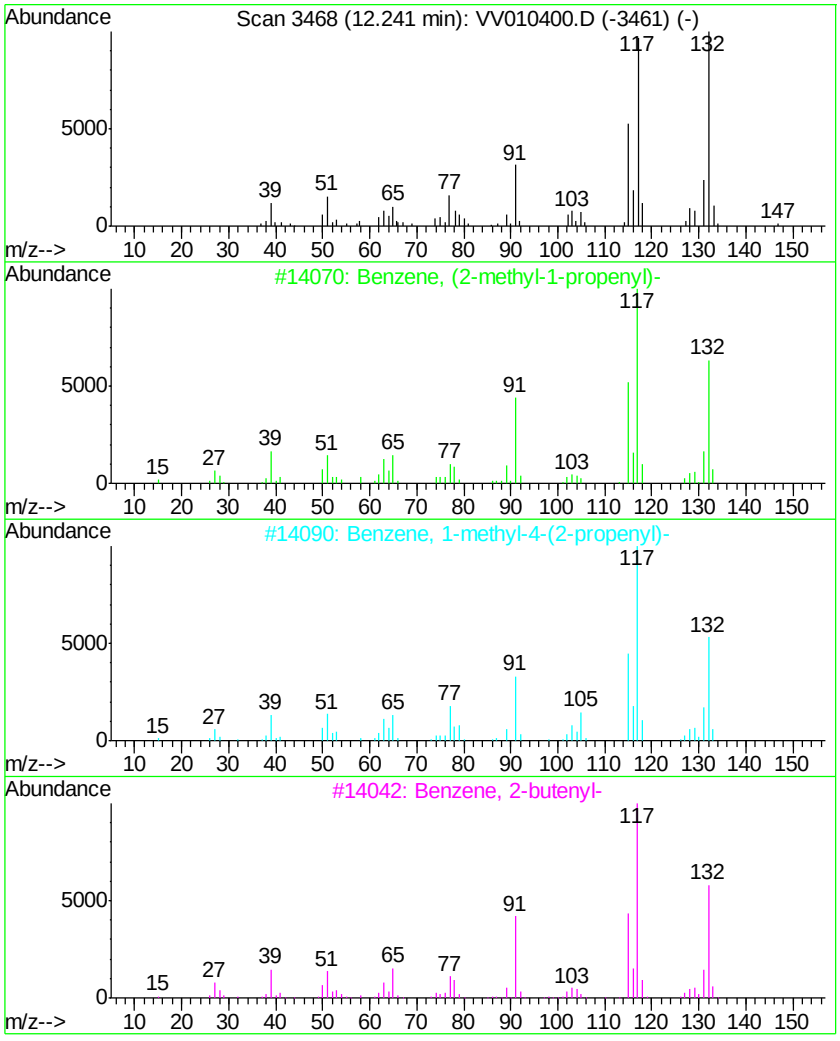
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

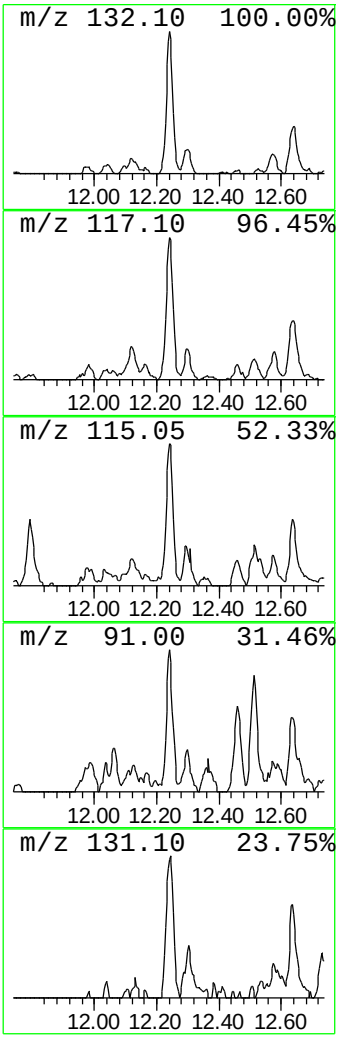
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	3.05 ug/L	82725	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94
4	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	94
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

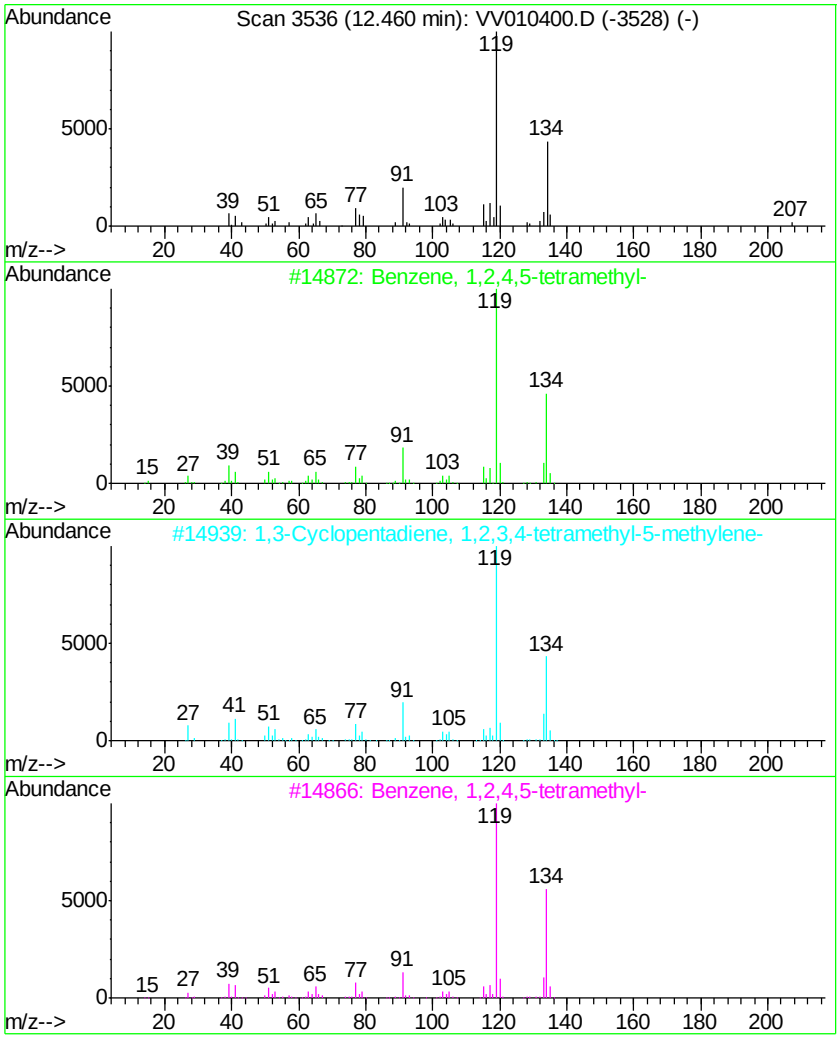
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

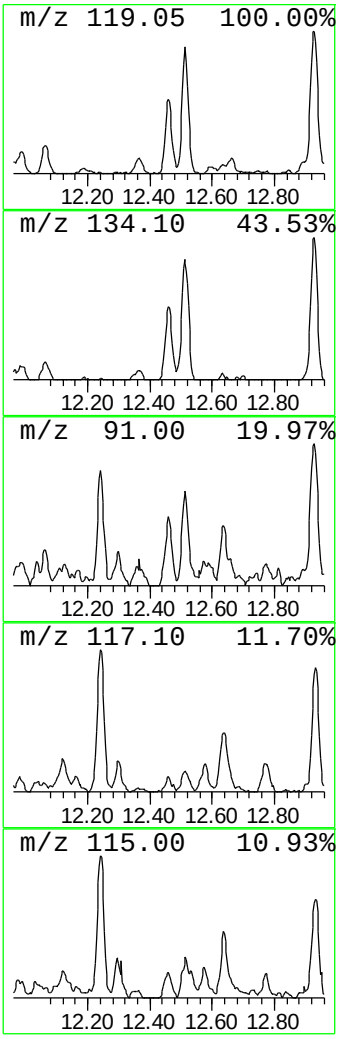
****

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	1.57 ug/L	42765	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

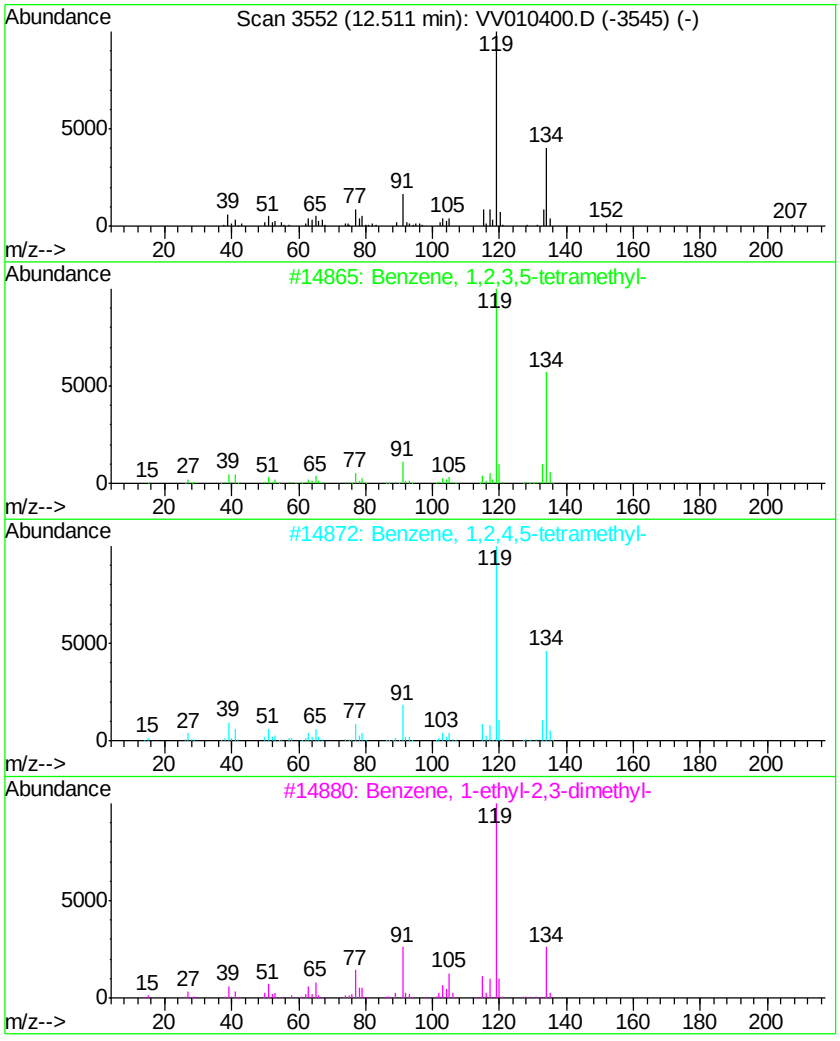
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

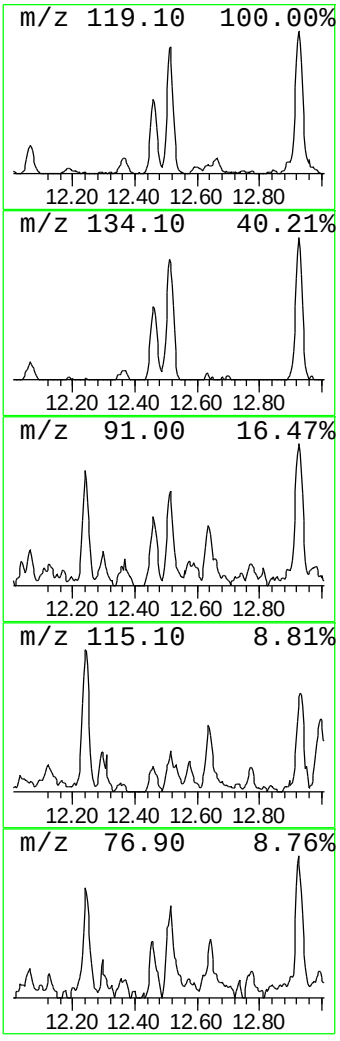
****

Peak Number 4 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	3.00 ug/L	81505	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

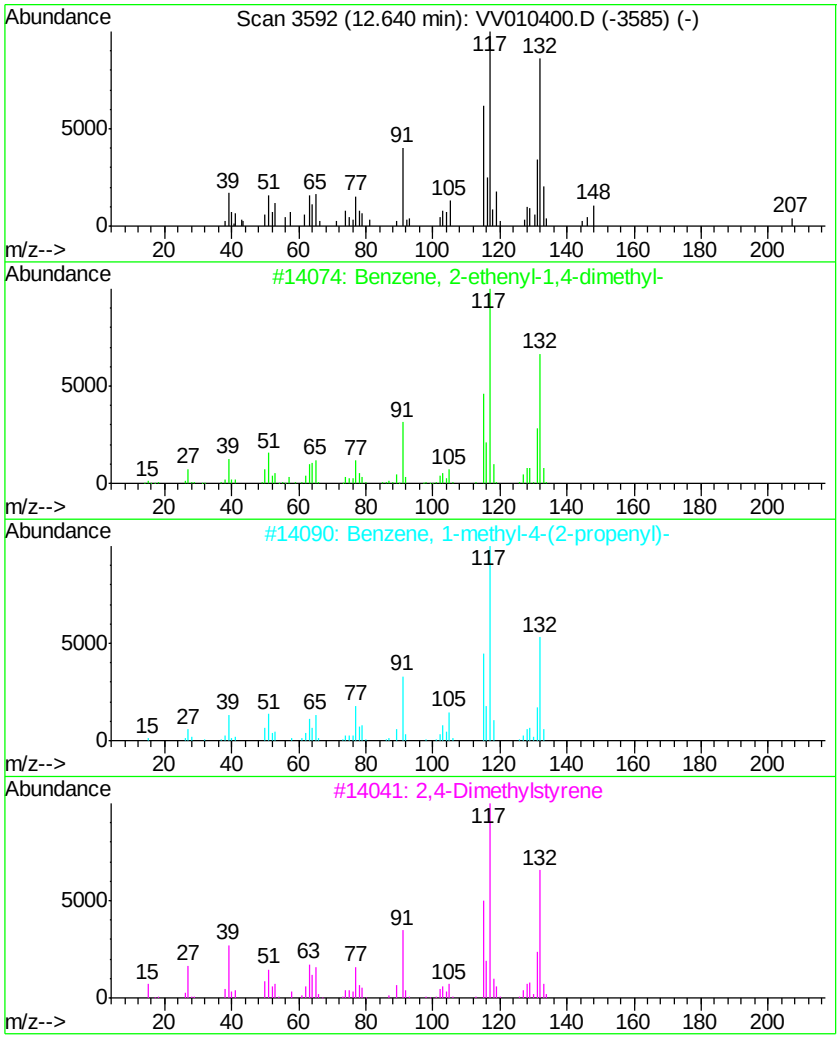
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

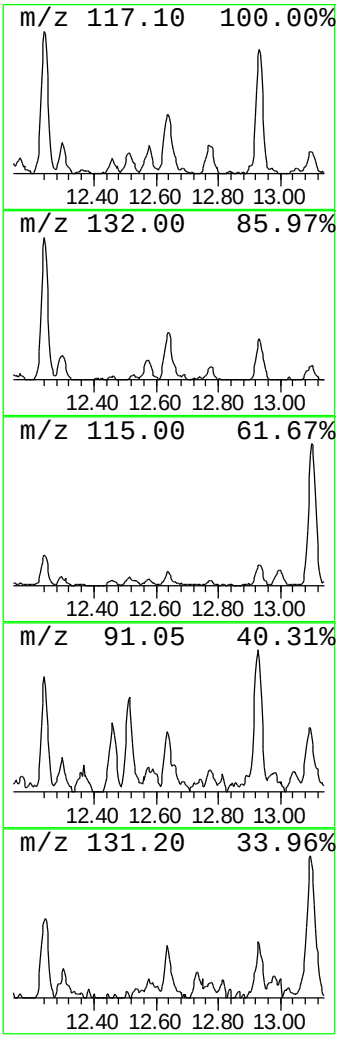
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	1.60 ug/L	43588	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	64
4	o-Isopropenyltoluene	132	C10H12	007399-49-7	64
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

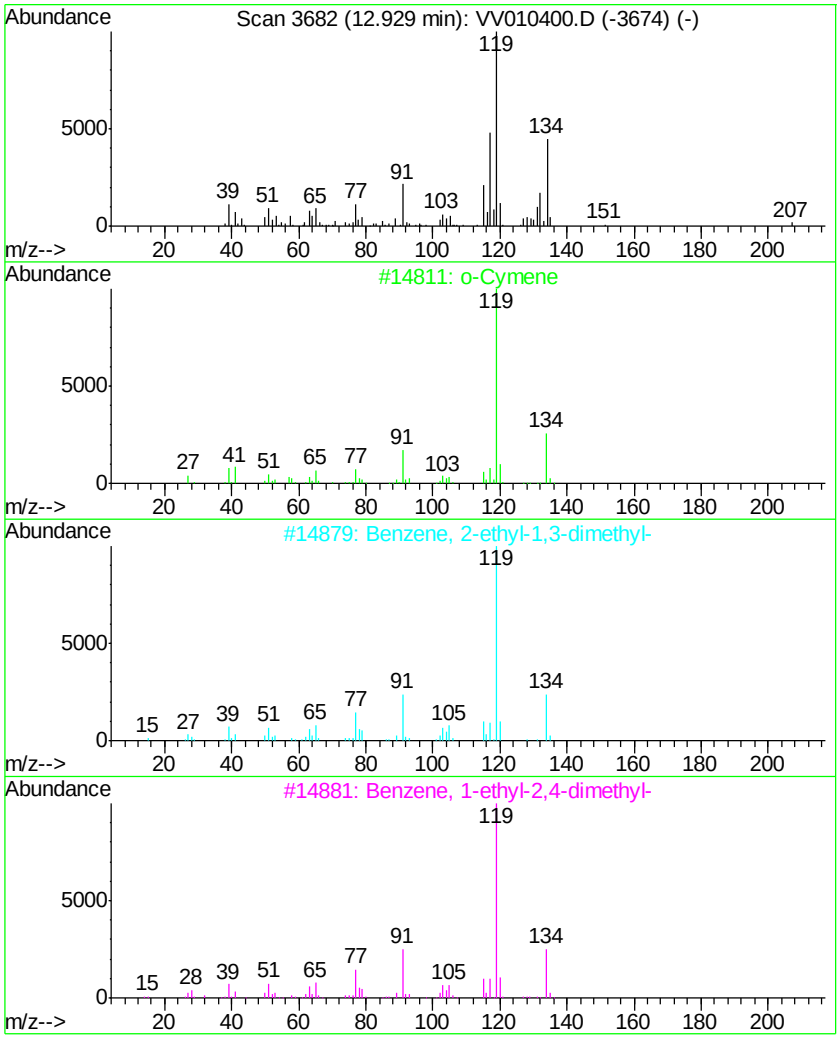
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

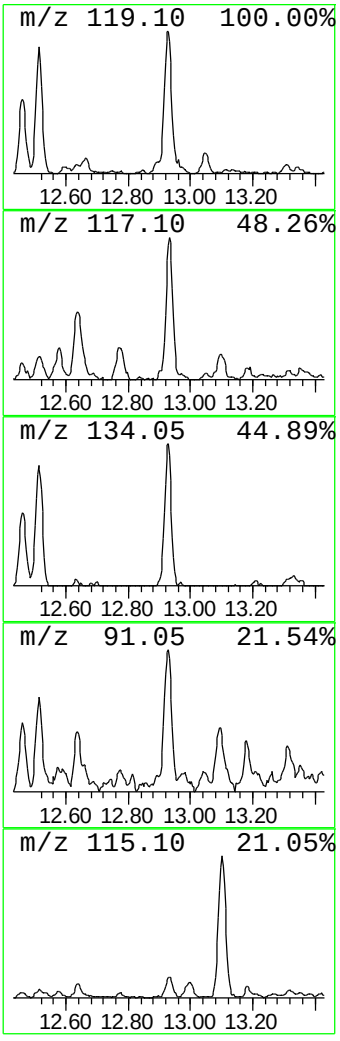
****

Peak Number 6 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	4.70 ug/L	127560	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	64
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
4	o-Cymene	134	C10H14	000527-84-4	58
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

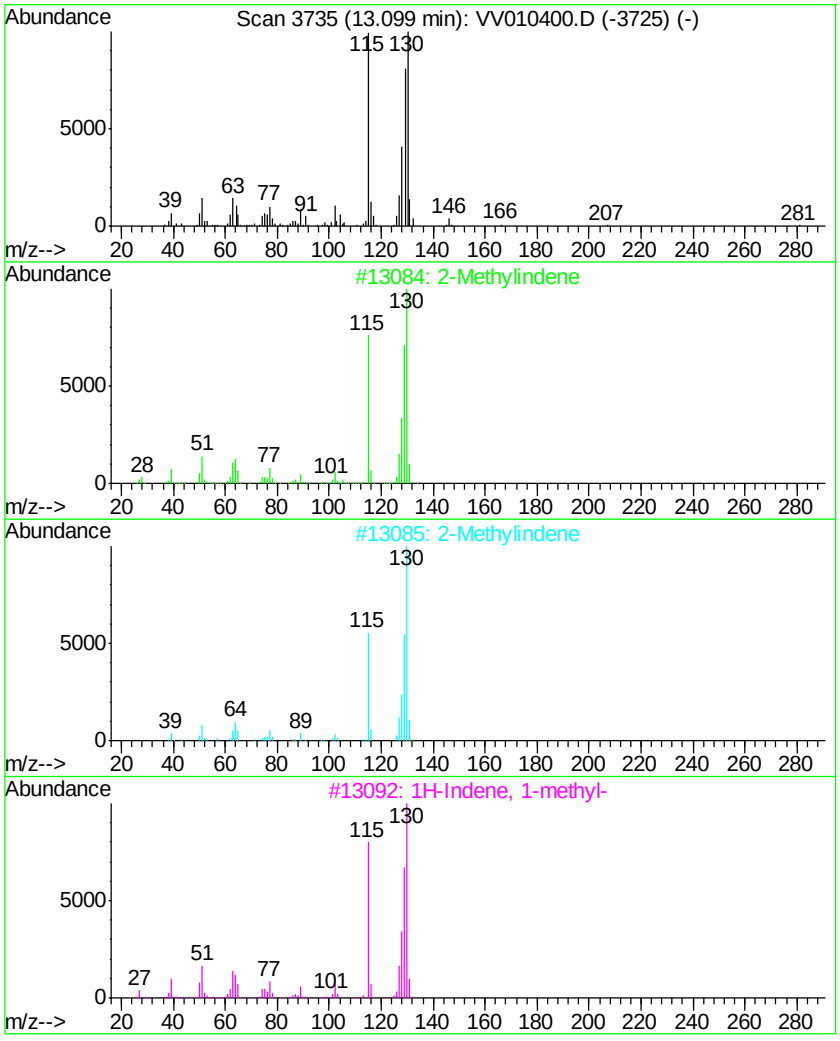
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

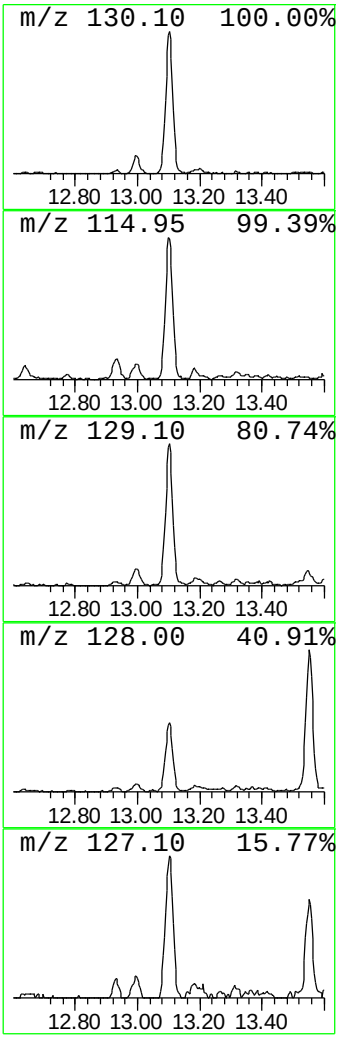
****

Peak Number 7 2-Methylindene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	10.21 ug/L	277320	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	95
2	2-Methylindene	130	C10H10	002177-47-1	95
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4	Cyclopropa[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

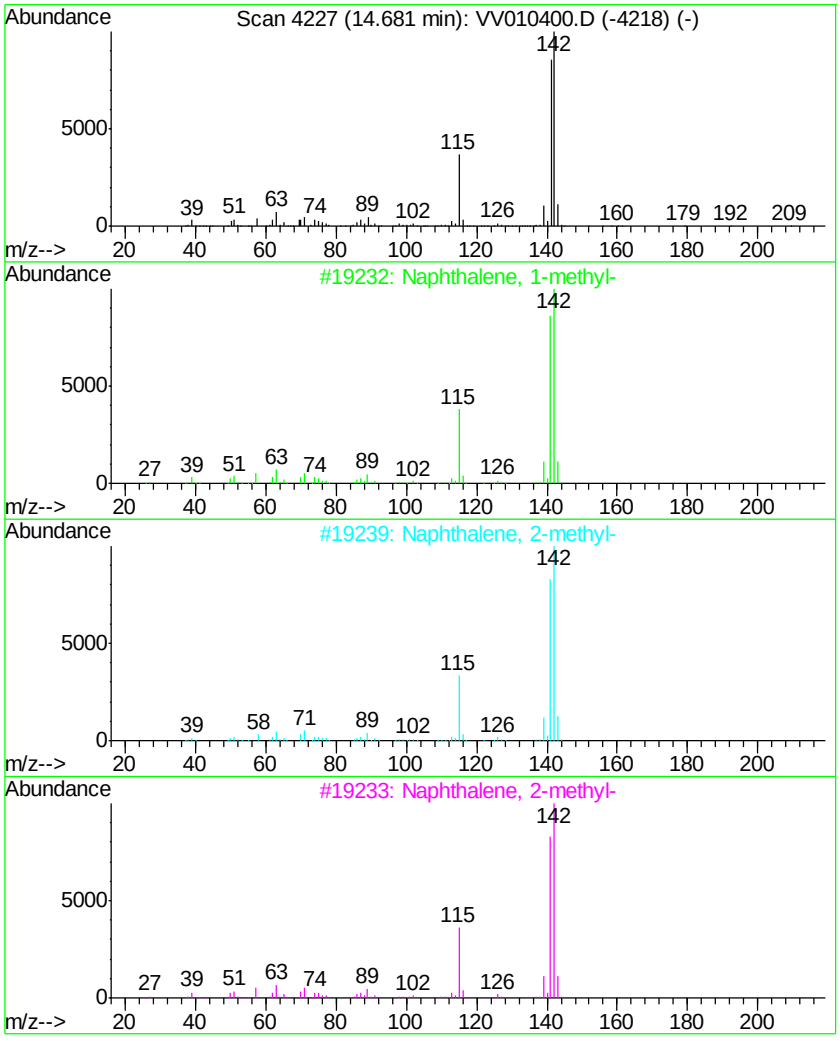
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

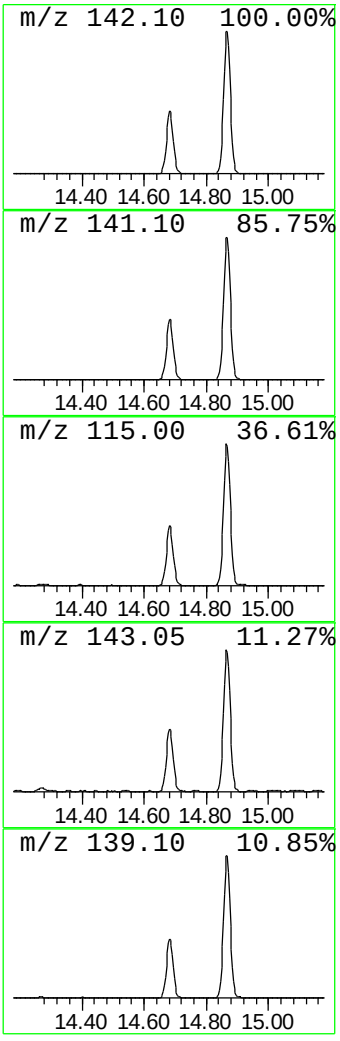
****

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	47.72 ug/L	1296470	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

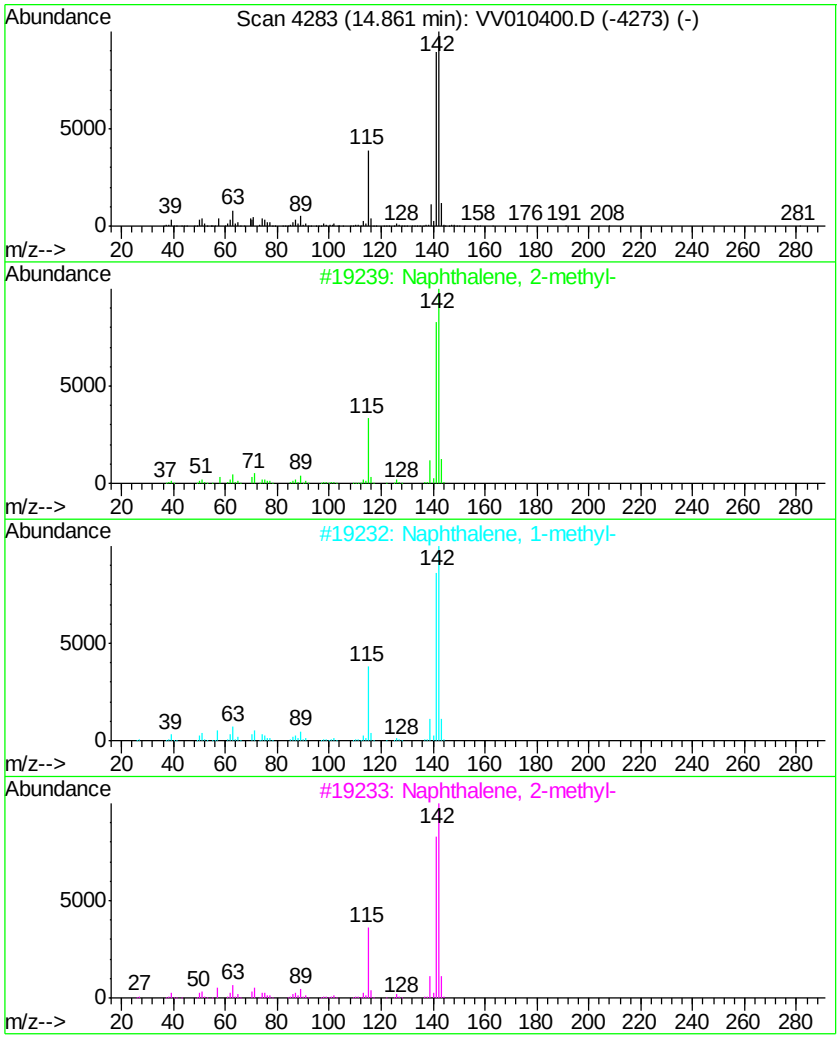
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

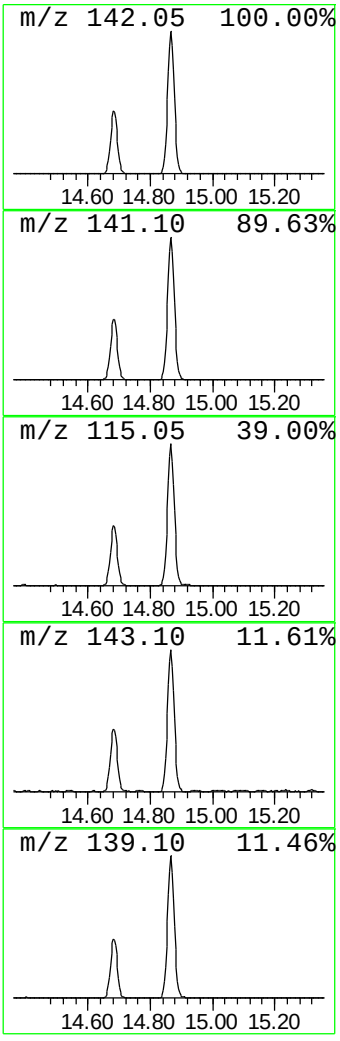
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	114.23 ug/L	3103290	1,4-Dichlorobenzene-d4	11.30

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	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

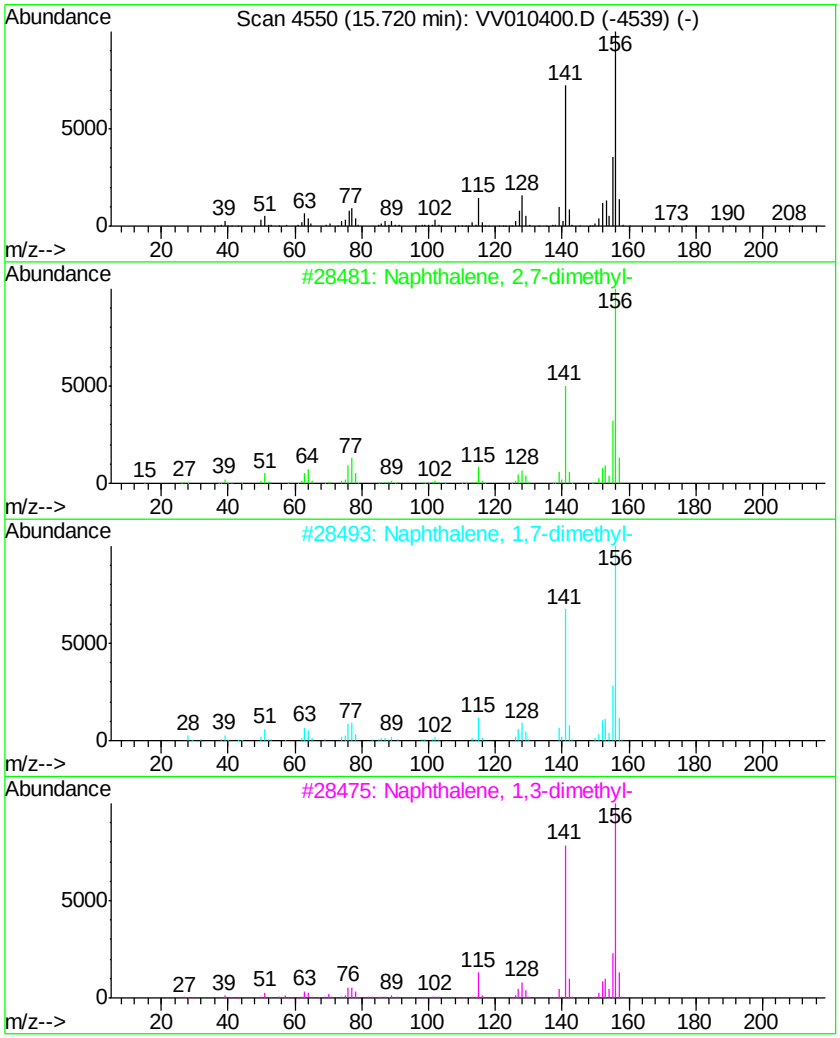
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

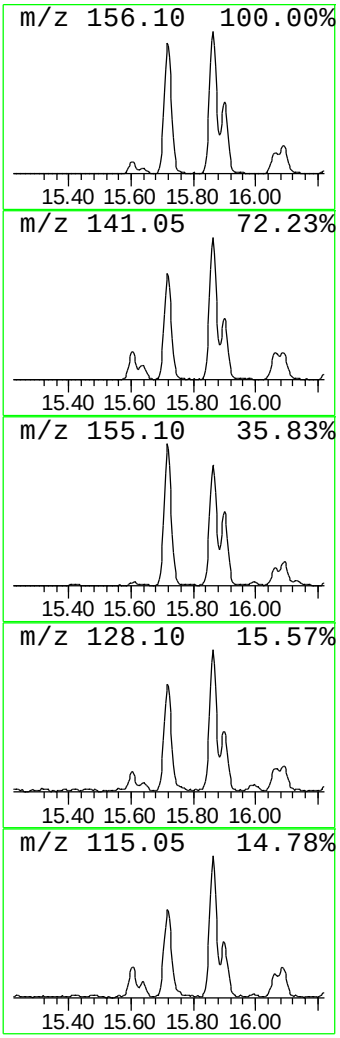
****

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	34.09 ug/L	926138	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

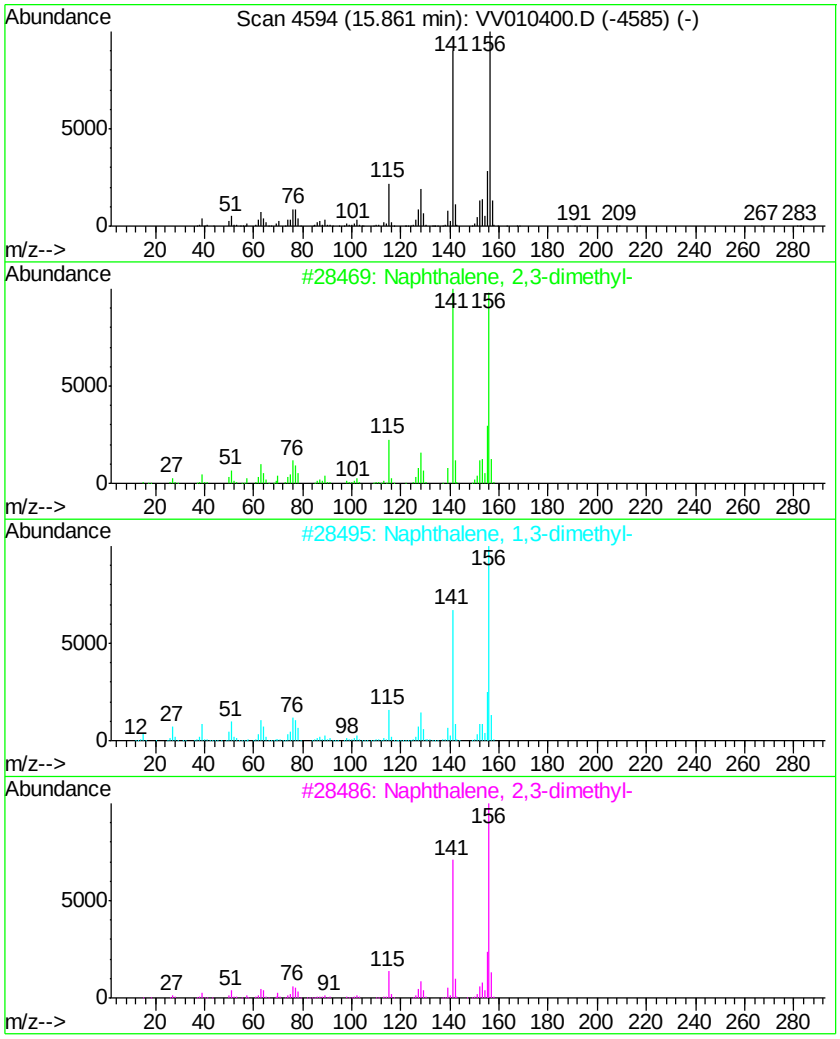
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

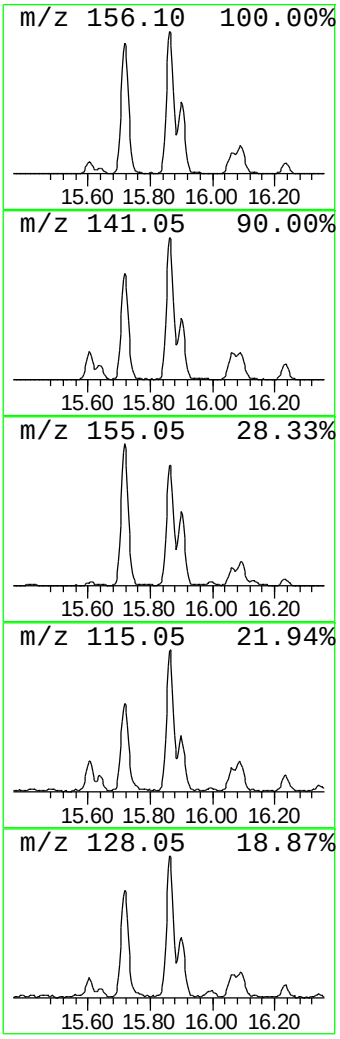
****

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	36.51 ug/L	991866	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

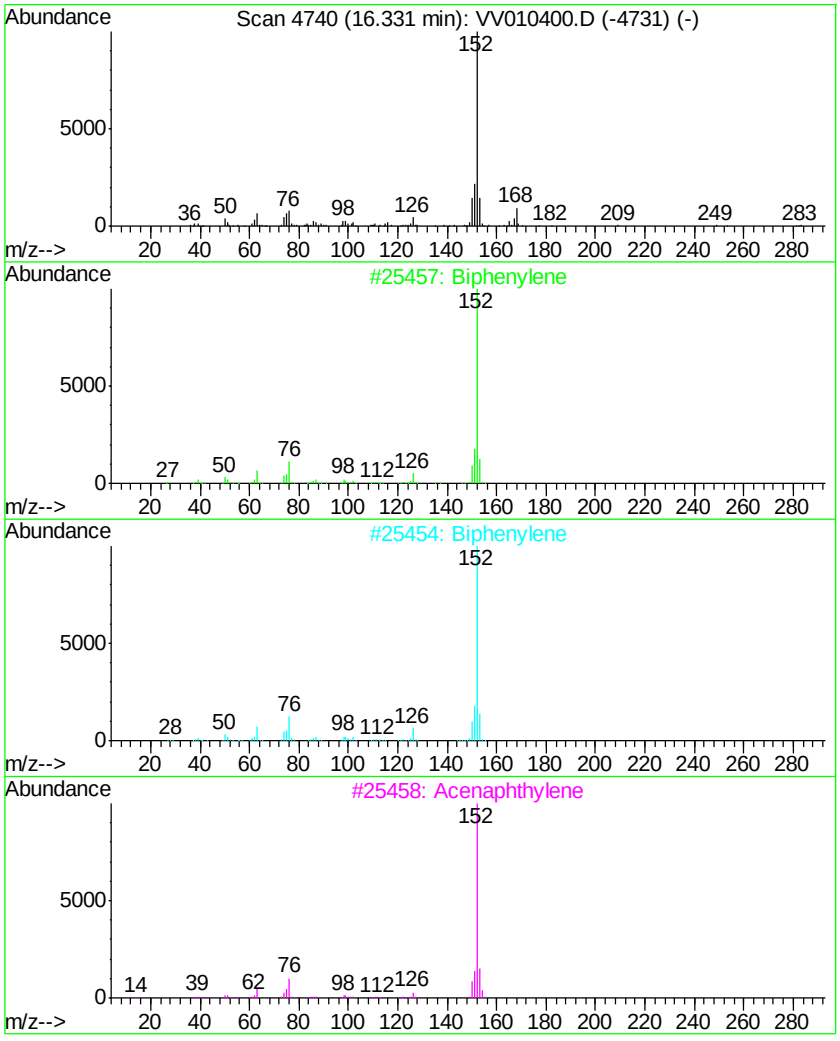
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

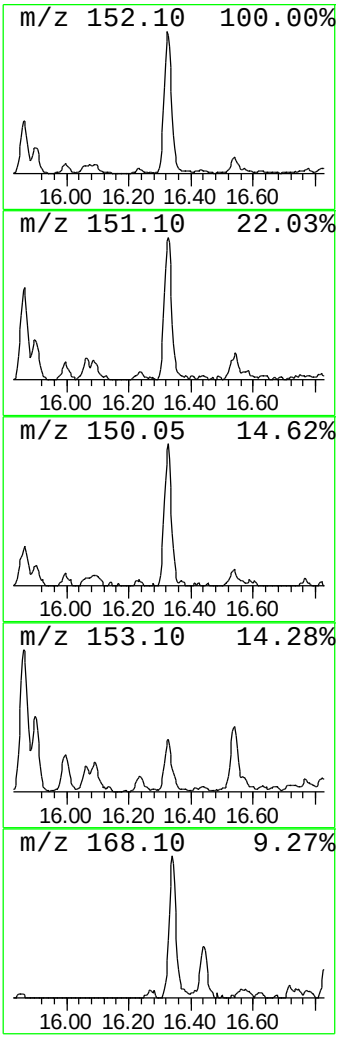
****

Peak Number 12 Biphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	8.17 ug/L	222008	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	90
2	Biphenylene	152	C12H8	000259-79-0	87
3	Acenaphthylene	152	C12H8	000208-96-8	80
4	Acenaphthylene	152	C12H8	000208-96-8	74
5	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010400.D
Acq On : 19 Apr 2019 23:10
Operator : SY/MD
Sample : K2456-17
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.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
Benzene, (2-methy...	12.24	3.0	ug/L	82725	3	11.30	679170	25.0
Benzene, 1,2,4,5-...	12.46	1.6	ug/L	42765	3	11.30	679170	25.0
Benzene, 1,2,3,5-...	12.51	3.0	ug/L	81505	3	11.30	679170	25.0
Benzene, 2-etheny...	12.64	1.6	ug/L	43588	3	11.30	679170	25.0
o-Cymene	12.93	4.7	ug/L	127560	3	11.30	679170	25.0
2-Methylindene	13.10	10.2	ug/L	277320	3	11.30	679170	25.0
Naphthalene, 1-me...	14.68	47.7	ug/L	1296470	3	11.30	679170	25.0
Naphthalene, 2-me...	14.86	114.2	ug/L	3103290	3	11.30	679170	25.0
Naphthalene, 2,7-...	15.72	34.1	ug/L	926138	3	11.30	679170	25.0
Naphthalene, 2,3-...	15.86	36.5	ug/L	991866	3	11.30	679170	25.0
Biphenylene	16.33	8.2	ug/L	222008	3	11.30	679170	25.0