

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW042219\
 Data File : VW010085.D
 Acq On : 22 Apr 2019 17:03
 Operator : SY/VA
 Sample : K2455-14
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.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	1.958	6	9	10	rBV3	4579	4855	0.17%	0.017%
2	2.160	36	42	54	rBV2	46093	112306	4.05%	0.399%
3	2.361	68	75	88	rVB	95061	243291	8.77%	0.864%
4	2.629	112	119	120	rBV6	7090	14466	0.52%	0.051%
5	2.794	144	146	147	rBV2	2809	1522	0.05%	0.005%
6	2.891	155	162	176	rVB	86853	239072	8.62%	0.849%
7	3.714	296	297	301	rVB3	2239	1735	0.06%	0.006%
8	3.854	315	320	322	rBV5	3524	6136	0.22%	0.022%
9	4.013	334	346	360	rBV	251178	883395	31.84%	3.139%
10	4.391	398	408	419	rBV	15896	47676	1.72%	0.169%
11	4.909	482	493	516	rVB2	27293	125871	4.54%	0.447%
12	5.238	544	547	551	rVB3	1478	2515	0.09%	0.009%
13	5.360	561	567	570	rBV6	668	1475	0.05%	0.005%
14	5.927	651	660	670	rVV4	17457	52963	1.91%	0.188%
15	7.079	838	849	867	rBV	105884	306625	11.05%	1.089%
16	7.250	868	877	895	rVV	231695	574576	20.71%	2.041%
17	7.366	895	896	902	rVB5	1553	2176	0.08%	0.008%
18	7.537	916	924	929	rBV7	2779	7595	0.27%	0.027%
19	7.646	932	942	957	rVB	472788	1181542	42.58%	4.198%
20	7.884	979	981	986	rVB2	1353	1767	0.06%	0.006%
21	7.945	986	991	997	rVB7	3501	7541	0.27%	0.027%
22	8.073	1008	1012	1014	rVB5	1346	1580	0.06%	0.006%
23	8.274	1035	1045	1061	rBV2	928172	2774895	100.00%	9.859%
24	8.402	1063	1066	1070	rVB5	2436	3848	0.14%	0.014%
25	8.628	1098	1103	1106	rBV5	1435	2287	0.08%	0.008%
26	8.695	1110	1114	1119	rVB7	2121	3611	0.13%	0.013%
27	8.841	1127	1138	1150	rBV	1059213	2044453	73.68%	7.264%
28	9.073	1167	1176	1183	rVB10	7293	17617	0.63%	0.063%
29	9.274	1200	1209	1227	rBV	665342	1329223	47.90%	4.723%
30	9.414	1230	1232	1235	rVB3	1491	1951	0.07%	0.007%
31	9.658	1267	1272	1273	rBV4	2803	4153	0.15%	0.015%
32	9.756	1282	1288	1301	rBV7	3871	8615	0.31%	0.031%
33	9.890	1304	1310	1318	rBV4	7917	18406	0.66%	0.065%
34	9.957	1318	1321	1324	rVB3	1528	1561	0.06%	0.006%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Title : VOC Analysis

35	10.030	1324	1333	1341	rBV	357816	656147	23.65%	2.331%
36	10.121	1346	1348	1356	rVB7	3201	6172	0.22%	0.022%
37	10.243	1363	1368	1373	rBV4	4078	6950	0.25%	0.025%
38	10.323	1373	1381	1388	rVV	1312568	2281245	82.21%	8.105%
39	10.384	1388	1391	1397	rVB2	12310	20971	0.76%	0.075%
40	10.579	1415	1423	1431	rBV	240469	420959	15.17%	1.496%
41	10.707	1438	1444	1449	rVB2	10911	18984	0.68%	0.067%
42	10.768	1452	1454	1459	rVB6	2049	2874	0.10%	0.010%
43	10.847	1463	1467	1468	rBV2	6055	6550	0.24%	0.023%
44	10.859	1468	1469	1473	rVB3	4637	4519	0.16%	0.016%
45	10.926	1473	1480	1492	rBV	429108	705216	25.41%	2.506%
46	11.042	1497	1499	1500	rVV2	2485	2093	0.08%	0.007%
47	11.066	1500	1503	1510	rVV8	8347	14945	0.54%	0.053%
48	11.322	1539	1545	1546	rBV4	2853	3489	0.13%	0.012%
49	11.341	1546	1548	1551	rBV4	1299	1585	0.06%	0.006%
50	11.396	1553	1557	1558	rBV3	3831	4281	0.15%	0.015%
51	11.438	1563	1564	1567	rVB3	1925	1445	0.05%	0.005%
52	11.487	1569	1572	1573	rBV3	1186	1475	0.05%	0.005%
53	11.572	1581	1586	1587	rBV5	2015	2924	0.11%	0.010%
54	11.633	1587	1596	1604	rBV	1443749	2519494	90.80%	8.952%
55	11.841	1625	1630	1645	rVB10	14545	52180	1.88%	0.185%
56	12.170	1679	1684	1693	rVB7	10412	26846	0.97%	0.095%
57	12.335	1708	1711	1715	rBV6	2289	4153	0.15%	0.015%
58	12.432	1715	1727	1728	rBV10	9265	26755	0.96%	0.095%
59	12.450	1728	1730	1731	rBV2	2886	2424	0.09%	0.009%
60	12.609	1751	1756	1763	rVV	26667	46449	1.67%	0.165%
61	12.694	1763	1770	1780	rVB	548704	877322	31.62%	3.117%
62	12.908	1786	1805	1825	rVV5	62747	440648	15.88%	1.566%
63	13.060	1829	1830	1833	rBV3	1473	1524	0.05%	0.005%
64	13.322	1856	1873	1875	rBV5	60332	177038	6.38%	0.629%
65	13.468	1891	1897	1901	rBV4	22214	52775	1.90%	0.188%
66	13.560	1906	1912	1919	rVB	1533354	2409450	86.83%	8.561%
67	13.651	1924	1927	1931	rBV3	12875	15699	0.57%	0.056%
68	13.743	1931	1942	1952	rVB4	23046	100528	3.62%	0.357%
69	13.853	1953	1960	1968	rBV	1217681	2042665	73.61%	7.258%
70	13.962	1971	1978	1992	rVB3	31360	126191	4.55%	0.448%
71	14.072	1992	1996	2007	rVB	33002	56607	2.04%	0.201%

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72	14.237	2022	2023	2026	rVB3	4334	3107	0.11%	0.011%
73	14.328	2027	2038	2052	rBV8	21652	65676	2.37%	0.233%
74	14.419	2052	2053	2056	rVB3	2384	1506	0.05%	0.005%
75	14.480	2056	2063	2064	rBV5	6759	14699	0.53%	0.052%
76	14.554	2064	2075	2085	rVB7	40660	156533	5.64%	0.556%
77	14.627	2085	2087	2091	rVB5	4472	5995	0.22%	0.021%
78	14.694	2094	2098	2100	rBV5	3295	6083	0.22%	0.022%
79	14.724	2100	2103	2107	rBV5	4531	6303	0.23%	0.022%
80	14.791	2107	2114	2121	rVB9	15175	42714	1.54%	0.152%
81	14.877	2121	2128	2135	rBV3	16398	31781	1.15%	0.113%
82	14.962	2135	2142	2150	rVB5	26763	54705	1.97%	0.194%
83	15.084	2153	2162	2164	rBV9	16475	36870	1.33%	0.131%
84	15.188	2174	2179	2184	rVB8	11076	22597	0.81%	0.080%
85	15.273	2190	2193	2195	rBV4	2627	2505	0.09%	0.009%
86	15.371	2201	2209	2217	rBV	540802	959543	34.58%	3.409%
87	15.444	2217	2221	2226	rVV3	28059	55142	1.99%	0.196%
88	15.505	2226	2231	2238	rVB2	45081	86250	3.11%	0.306%
89	15.651	2244	2255	2271	rVB10	18225	84164	3.03%	0.299%
90	15.816	2275	2282	2284	rBV4	11399	21945	0.79%	0.078%
91	15.852	2284	2288	2293	rVB5	8046	11313	0.41%	0.040%
92	15.901	2293	2296	2300	rVB6	4632	6598	0.24%	0.023%
93	15.974	2300	2308	2313	rBV9	19171	57945	2.09%	0.206%
94	16.096	2324	2328	2329	rBV3	4910	5729	0.21%	0.020%
95	16.145	2332	2336	2345	rVB10	12167	35802	1.29%	0.127%
96	16.376	2366	2374	2377	rBV9	12572	28135	1.01%	0.100%
97	16.450	2377	2386	2400	rVV	1037086	2193134	79.03%	7.792%
98	16.572	2404	2406	2411	rVV6	12532	23323	0.84%	0.083%
99	16.651	2411	2419	2430	rVB	433370	950708	34.26%	3.378%
100	16.761	2435	2437	2439	rVB3	1707	1673	0.06%	0.006%

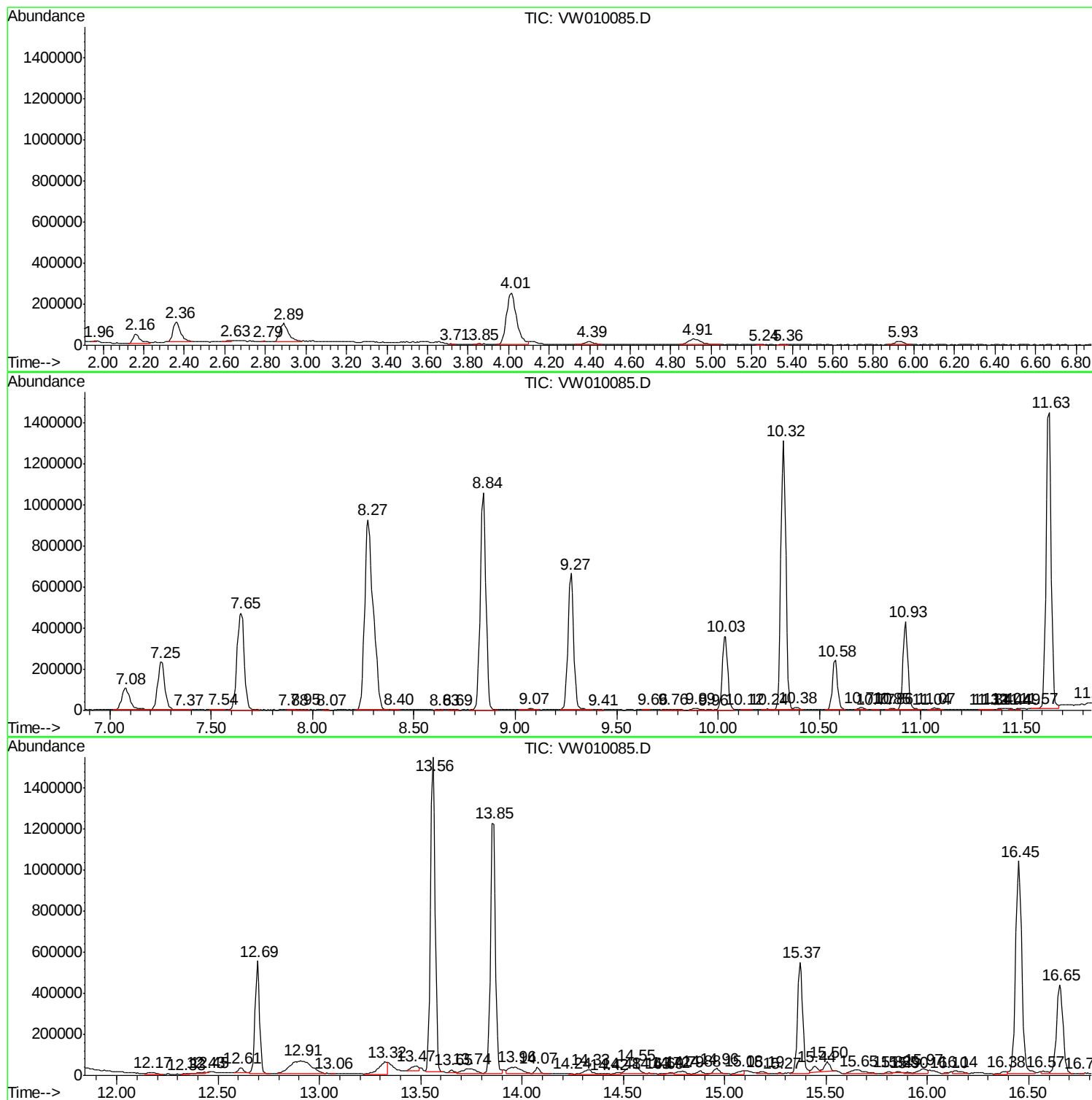
Sum of corrected areas: 28145350

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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



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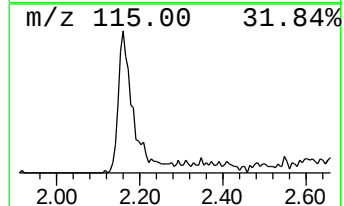
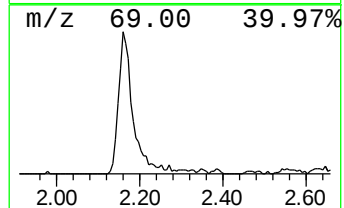
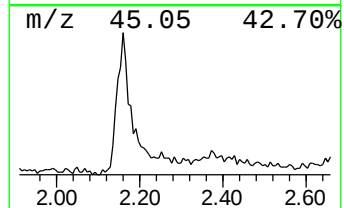
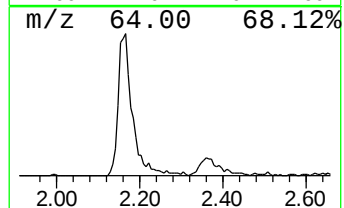
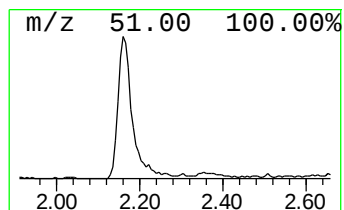
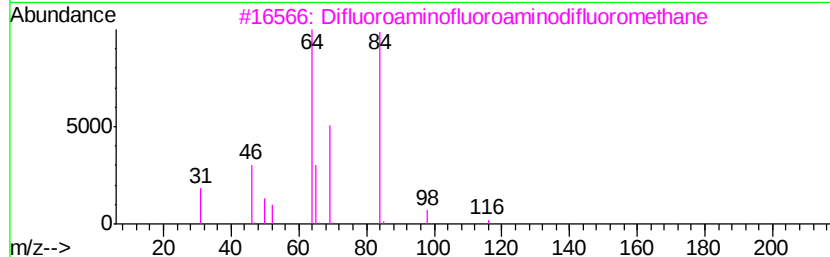
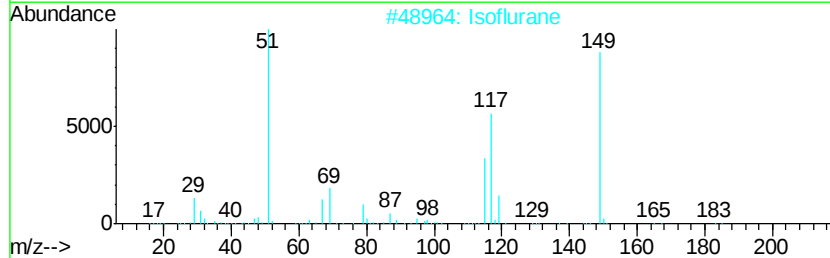
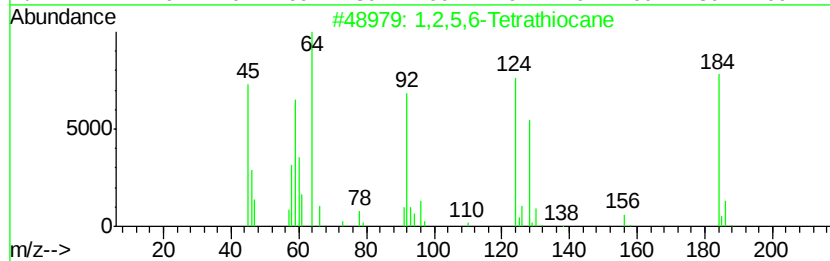
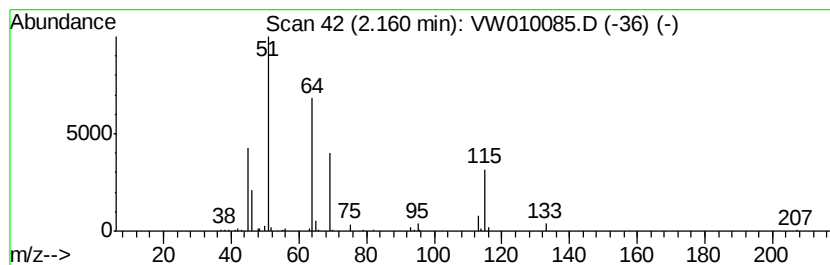
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	1.37 ug/L	112306	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,5,6-Tetrathiocane	184	C4H8S4	001940-01-8	10
2			Isoflurane	184	C3H2ClF5O	026675-46-7	9
3			Difluoroaminofluoroaminodifluoro...	136	CHF5N2	037931-37-6	8
4			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7
5			Ethyl Chloride	64	C2H5Cl	000075-00-3	7



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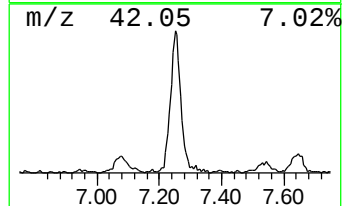
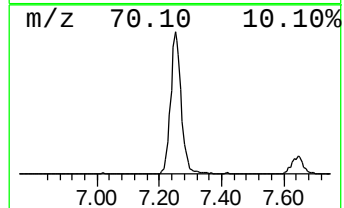
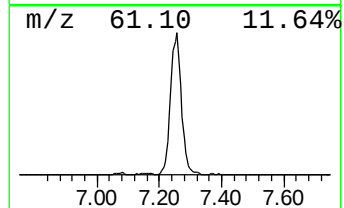
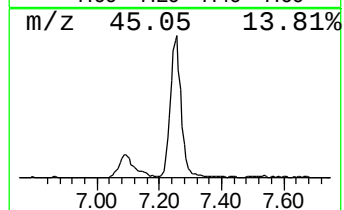
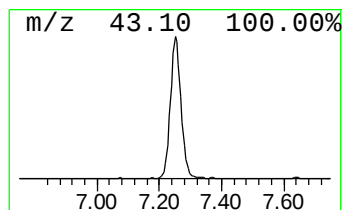
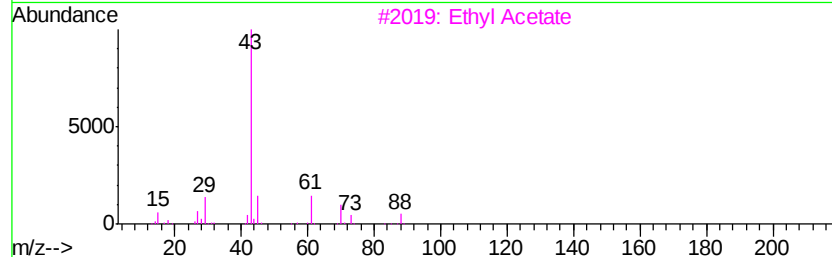
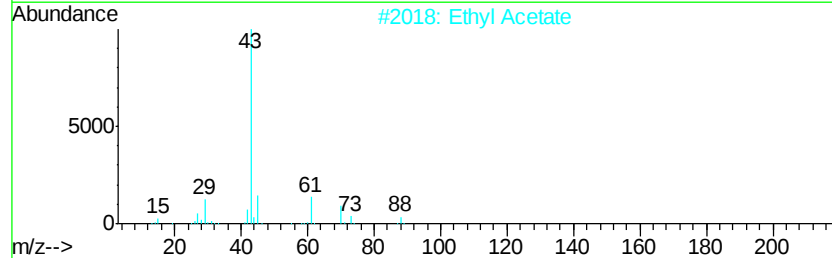
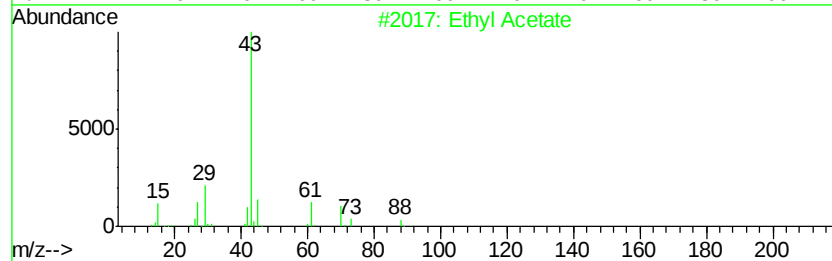
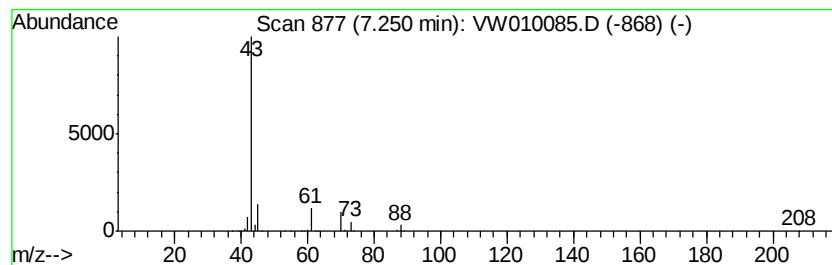
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 3 Ethyl Acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	7.03 ug/L	574576	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2		Ethyl Acetate	88	C4H8O2	000141-78-6	86
3		Ethyl Acetate	88	C4H8O2	000141-78-6	64
4		Ethyl Acetate	88	C4H8O2	000141-78-6	64
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	53



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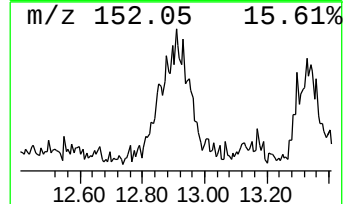
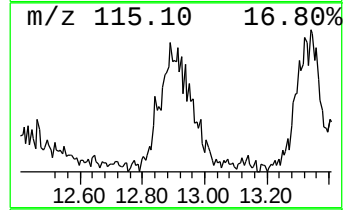
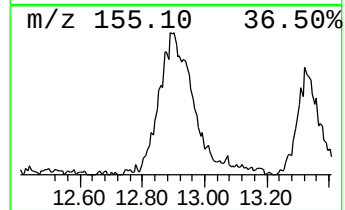
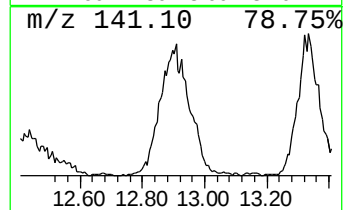
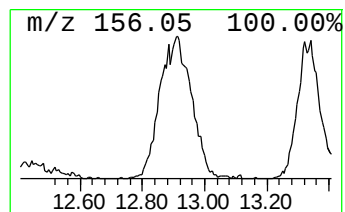
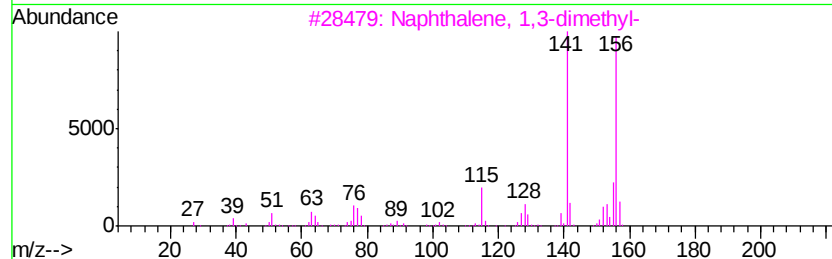
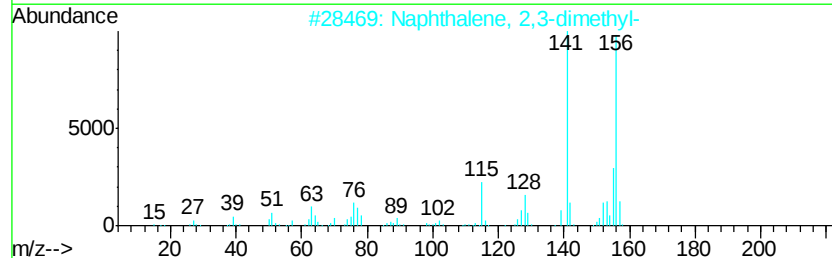
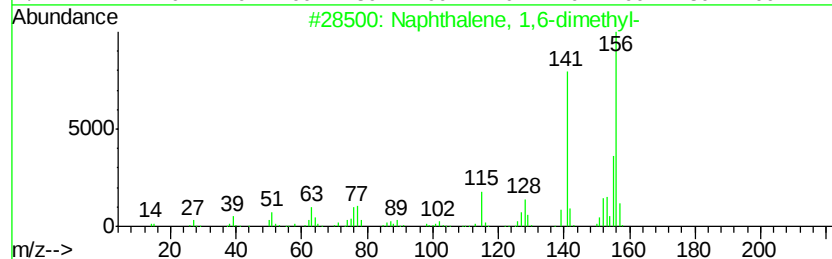
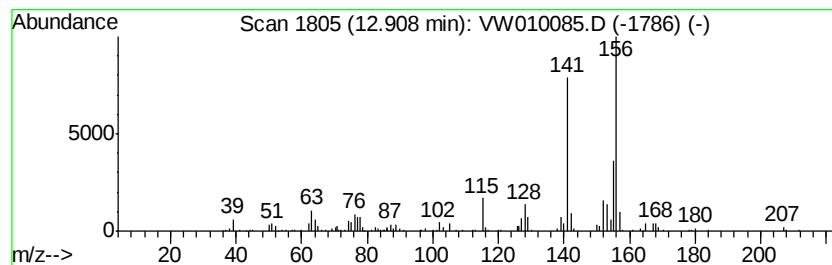
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	4.57 ug/L	440648	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
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 W\Data\VW042219\
Data File : VW010085.D
Acq On : 22 Apr 2019 17:03
Operator : SY/VA
Sample : K2455-14
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR4

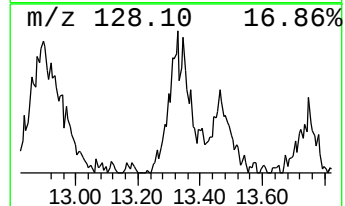
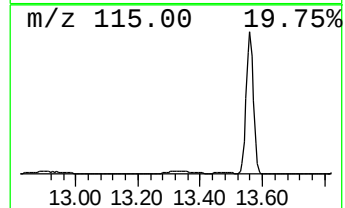
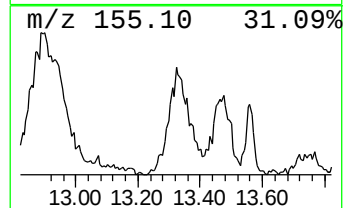
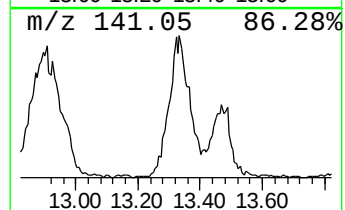
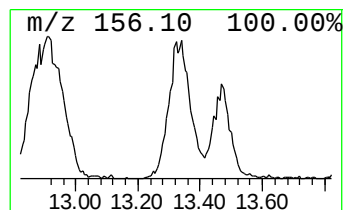
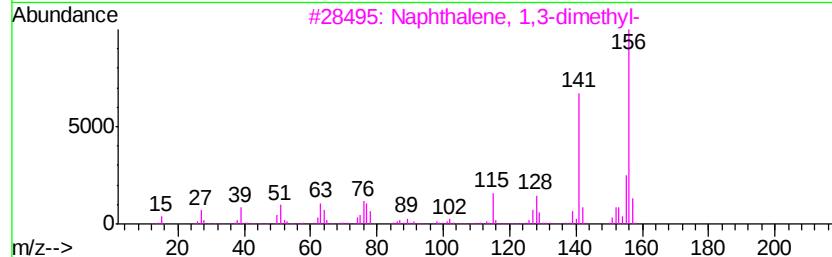
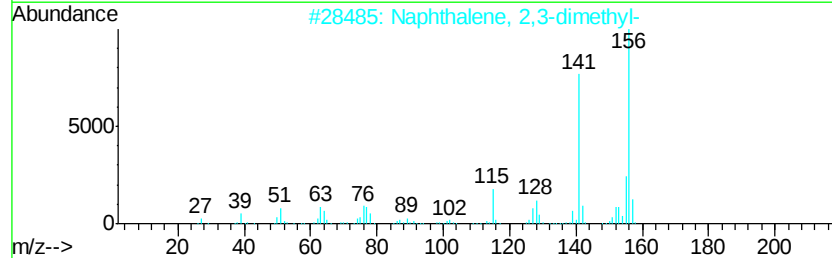
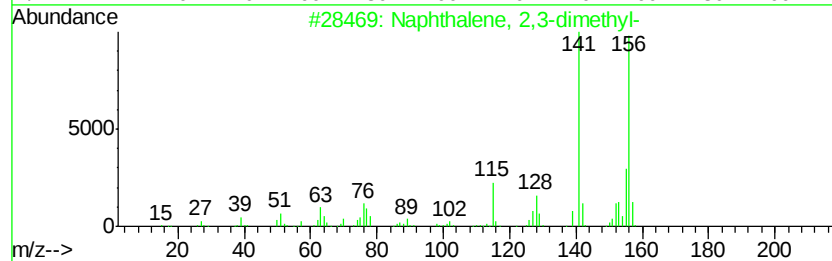
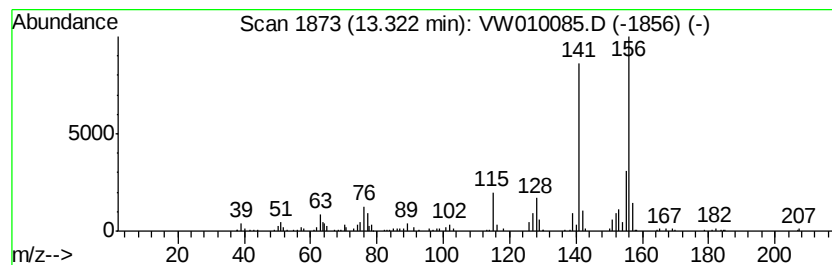
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Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	1.84 ug/L	177038	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW042219\
Data File : VW010085.D
Acq On : 22 Apr 2019 17:03
Operator : SY/VA
Sample : K2455-14
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR4

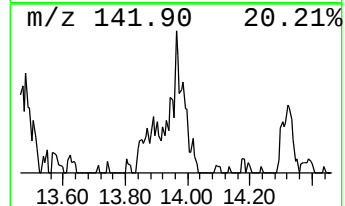
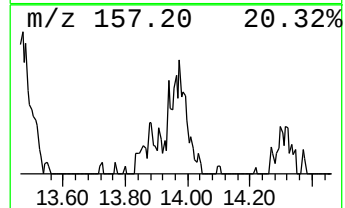
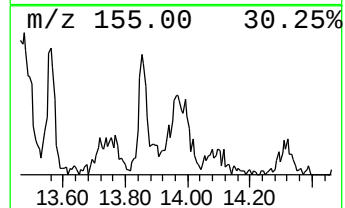
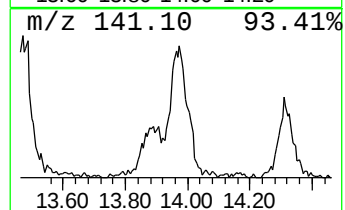
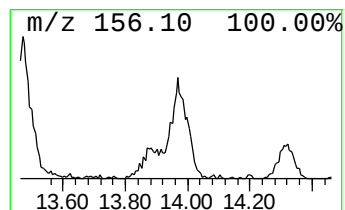
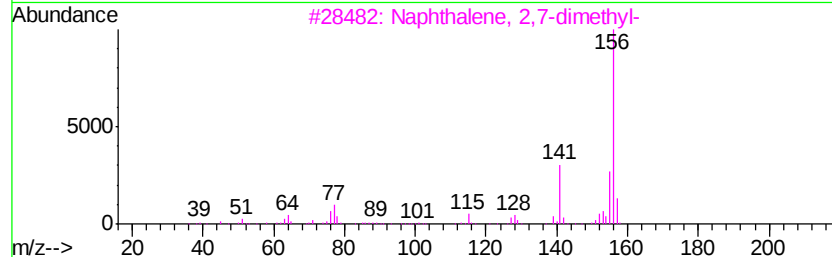
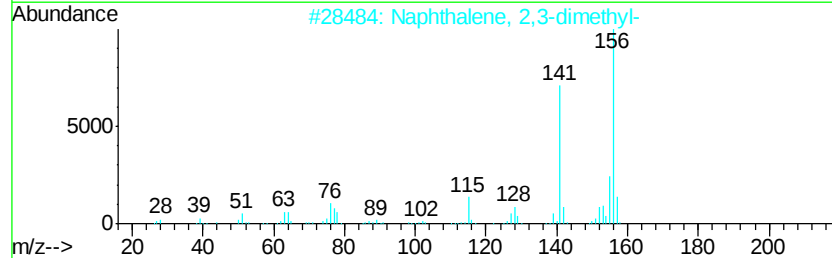
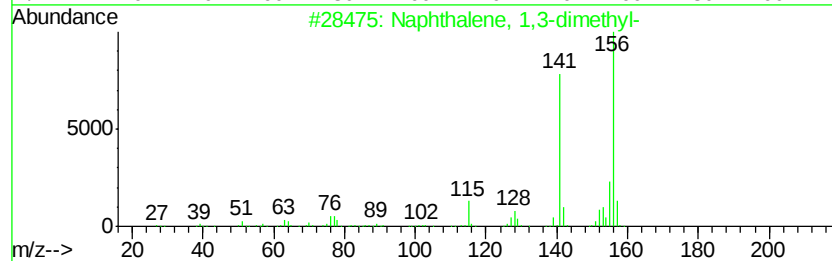
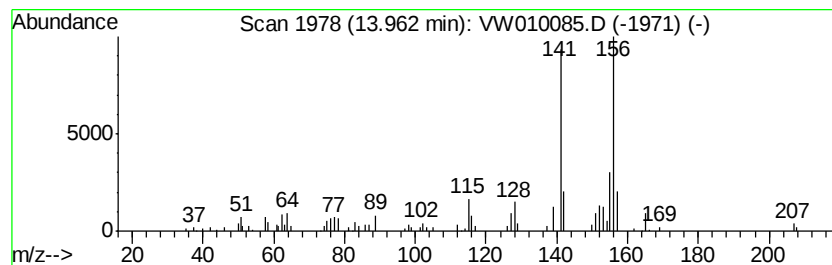
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Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	1.31 ug/L	126191	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	87
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	87
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW042219\
Data File : VW010085.D
Acq On : 22 Apr 2019 17:03
Operator : SY/VA
Sample : K2455-14
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

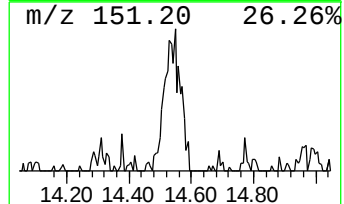
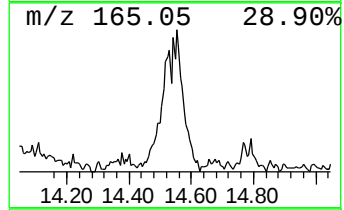
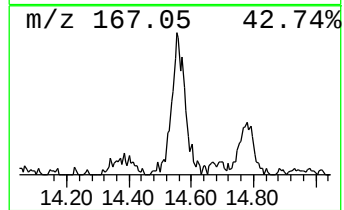
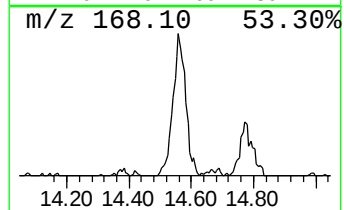
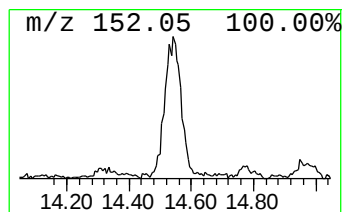
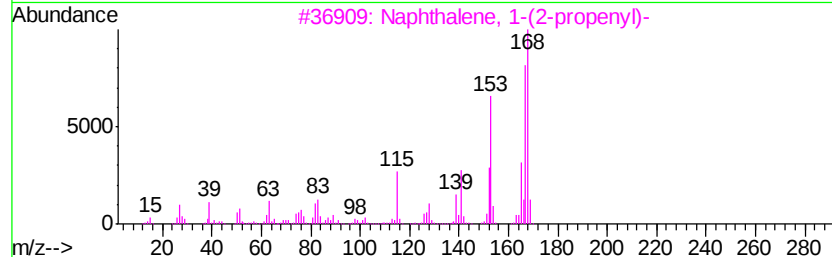
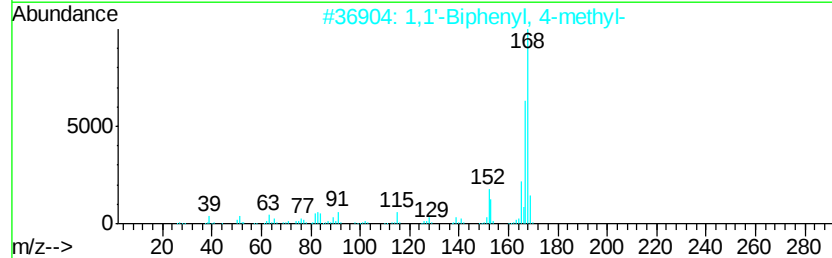
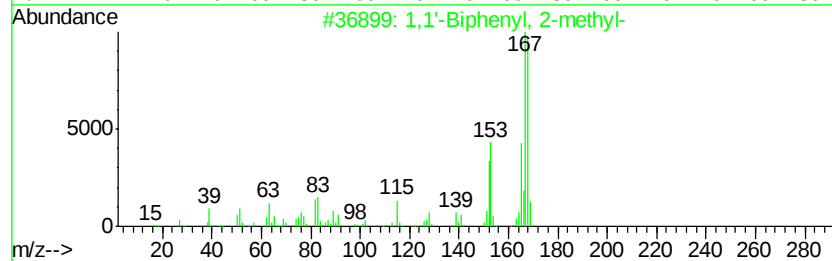
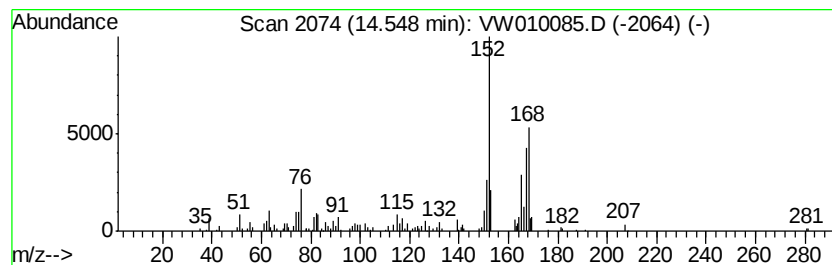
Instrument :
MSVOA_W
ClientSampleId :
GAHR4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 8 1,1'-Biphenyl, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	1.62 ug/L	156533	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3	91
2	1,1'-Biphenyl, 4-methyl-	168 C13H12	000644-08-6	68
3	Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3	55
4	1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3	50
5	1,1'-Biphenyl, 4-methyl-	168 C13H12	000644-08-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042219\
Data File : VW010085.D
Acq On : 22 Apr 2019 17:03
Operator : SY/VA
Sample : K2455-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.16	1.4	ug/L	112306	1	8.84	2044450	25.0
Ethyl Acetate	7.25	7.0	ug/L	574576	1	8.84	2044450	25.0
Naphthalene, 1,6-...	12.91	4.6	ug/L	440648	3	13.56	2409450	25.0
Naphthalene, 2,3-...	13.32	1.8	ug/L	177038	3	13.56	2409450	25.0
Naphthalene, 1,3-...	13.96	1.3	ug/L	126191	3	13.56	2409450	25.0
1,1'-Biphenyl, 2-...	14.55	1.6	ug/L	156533	3	13.56	2409450	25.0