

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016735.D
 Acq On : 01 Oct 2020 14:05
 Operator : SY/VA
 Sample : L4201-08
 Misc : 5.21G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AS4

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\SOM2WLM091520S.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	2.166	39	43	45	rBV2	1337	2161	0.12%	0.012%
2	2.367	69	76	87	rBV	92696	183959	10.20%	1.042%
3	2.904	157	164	182	rVB	72682	196699	10.90%	1.114%
4	3.342	234	236	239	rVB2	491	391	0.02%	0.002%
5	3.391	241	244	245	rVV2	691	535	0.03%	0.003%
6	3.403	245	246	249	rVB3	657	572	0.03%	0.003%
7	3.580	273	275	278	rVB2	395	403	0.02%	0.002%
8	3.611	278	280	282	rBV2	489	451	0.02%	0.003%
9	3.708	295	296	299	rBV	291	268	0.01%	0.002%
10	3.806	309	312	314	rBV2	421	528	0.03%	0.003%
11	3.824	314	315	318	rBV	349	266	0.01%	0.002%
12	3.897	324	327	330	rVB2	207	278	0.02%	0.002%
13	4.025	335	348	368	rBV	194156	572636	31.74%	3.244%
14	4.403	401	410	416	rBV2	1774	5222	0.29%	0.030%
15	4.470	419	421	424	rBV2	232	274	0.02%	0.002%
16	4.525	429	430	435	rVB2	267	309	0.02%	0.002%
17	4.580	435	439	440	rVB2	318	408	0.02%	0.002%
18	4.647	448	450	454	rVB2	241	315	0.02%	0.002%
19	4.921	484	495	512	rVV2	22484	78131	4.33%	0.443%
20	5.050	514	516	522	rVB4	434	565	0.03%	0.003%
21	5.110	522	526	527	rBV2	1390	1576	0.09%	0.009%
22	5.135	527	530	538	rVV3	2012	4350	0.24%	0.025%
23	5.196	538	540	542	rVV2	281	292	0.02%	0.002%
24	5.239	544	547	549	rVB2	333	289	0.02%	0.002%
25	5.318	557	560	562	rVB2	251	272	0.02%	0.002%
26	5.348	562	565	567	rBV2	321	370	0.02%	0.002%
27	5.415	574	576	579	rVB2	227	260	0.01%	0.001%
28	5.470	583	585	587	rVB	352	267	0.01%	0.002%
29	5.549	595	598	599	rVB2	301	253	0.01%	0.001%
30	5.616	608	609	614	rVB2	223	263	0.01%	0.001%
31	5.738	626	629	630	rBV2	303	263	0.01%	0.001%
32	5.751	630	631	633	rVV	392	295	0.02%	0.002%
33	5.775	633	635	637	rVV3	390	400	0.02%	0.002%
34	5.952	654	664	673	rBV5	4272	12152	0.67%	0.069%

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Integration Parameters: LSCINT.P

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 Title : VOC Analysis

35	6.055	679	681	684	rBV3	295	291	0.02%	0.002%
36	6.232	707	710	713	rVB2	222	309	0.02%	0.002%
37	6.842	808	810	812	rVB2	289	255	0.01%	0.001%
38	6.909	819	821	823	rBV2	271	266	0.01%	0.002%
39	7.086	842	850	854	rBV	34681	86269	4.78%	0.489%
40	7.147	856	860	870	rVB	45807	119670	6.63%	0.678%
41	7.519	918	921	924	rBV3	382	607	0.03%	0.003%
42	7.653	931	943	961	rBV	299281	743675	41.22%	4.213%
43	7.787	961	965	966	rVB2	355	368	0.02%	0.002%
44	7.872	976	979	983	rVB2	299	453	0.03%	0.003%
45	7.958	985	993	998	rBV5	1407	3077	0.17%	0.017%
46	8.067	1007	1011	1014	rBV2	415	629	0.03%	0.004%
47	8.281	1033	1046	1062	rBV2	592217	1696750	94.05%	9.613%
48	8.384	1062	1063	1065	rVV2	1151	1059	0.06%	0.006%
49	8.409	1065	1067	1071	rVB3	1498	1565	0.09%	0.009%
50	8.494	1080	1081	1083	rVB	427	267	0.01%	0.002%
51	8.537	1085	1088	1089	rVB2	285	271	0.02%	0.002%
52	8.622	1100	1102	1107	rVB3	703	941	0.05%	0.005%
53	8.683	1110	1112	1114	rBV2	625	706	0.04%	0.004%
54	8.738	1119	1121	1124	rVB2	342	337	0.02%	0.002%
55	8.848	1127	1139	1157	rBV	713466	1452435	80.51%	8.229%
56	9.000	1162	1164	1170	rVB4	752	1096	0.06%	0.006%
57	9.079	1170	1177	1184	rBV8	2148	4971	0.28%	0.028%
58	9.128	1184	1185	1189	rVB	338	355	0.02%	0.002%
59	9.280	1200	1210	1220	rBV	373588	761042	42.19%	4.312%
60	9.671	1266	1274	1279	rBV3	2056	4864	0.27%	0.028%
61	9.762	1283	1289	1290	rBV3	566	736	0.04%	0.004%
62	9.823	1297	1299	1300	rBV2	570	422	0.02%	0.002%
63	9.841	1300	1302	1303	rBV2	894	655	0.04%	0.004%
64	9.878	1306	1308	1309	rBV2	781	673	0.04%	0.004%
65	9.951	1317	1320	1322	rBV4	701	897	0.05%	0.005%
66	10.036	1327	1334	1342	rVV	195550	356936	19.79%	2.022%
67	10.329	1374	1382	1399	rVB	820591	1478872	81.98%	8.379%
68	10.494	1407	1409	1412	rVB2	661	701	0.04%	0.004%
69	10.579	1416	1423	1435	rBV	115039	201654	11.18%	1.142%
70	10.707	1438	1444	1451	rVB	33942	58176	3.22%	0.330%
71	10.780	1454	1456	1457	rVB	502	306	0.02%	0.002%

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72	10.798	1457	1459	1460	rBV2	362	271	0.02%	0.002%
73	10.853	1466	1468	1473	rVB4	1777	2472	0.14%	0.014%
74	10.927	1473	1480	1490	rBV	140644	241819	13.40%	1.370%
75	11.067	1496	1503	1512	rBV	23618	44563	2.47%	0.252%
76	11.176	1517	1521	1525	rVV5	1692	3062	0.17%	0.017%
77	11.219	1525	1528	1530	rVB2	517	461	0.03%	0.003%
78	11.274	1536	1537	1539	rBV2	479	396	0.02%	0.002%
79	11.439	1560	1564	1571	rVB	6977	12437	0.69%	0.070%
80	11.493	1571	1573	1576	rBV4	908	1143	0.06%	0.006%
81	11.634	1588	1596	1608	rBV	988643	1616808	89.62%	9.160%
82	11.939	1616	1646	1647	rBV6	48299	232451	12.89%	1.317%
83	12.347	1697	1713	1731	rBV6	137715	708639	39.28%	4.015%
84	12.694	1765	1770	1775	rBV	254054	389896	21.61%	2.209%
85	12.810	1777	1789	1807	rVB4	238322	1202128	66.64%	6.811%
86	13.298	1857	1869	1884	rBV10	27930	117532	6.52%	0.666%
87	13.560	1905	1912	1917	rBV	924798	1542516	85.50%	8.739%
88	13.853	1955	1960	1967	rBV	678877	1181951	65.52%	6.697%
89	14.072	1991	1996	2003	rBV3	42879	132156	7.33%	0.749%
90	14.170	2007	2012	2023	rVB6	94125	283153	15.70%	1.604%
91	14.414	2043	2052	2064	rVB	598874	1804019	100.00%	10.221%
92	15.359	2200	2207	2213	rBV6	9546	31473	1.74%	0.178%
93	15.438	2216	2220	2227	rVB	23217	39819	2.21%	0.226%
94	15.663	2256	2257	2258	rBV	999	567	0.03%	0.003%
95	15.694	2258	2262	2268	rVB6	2118	3976	0.22%	0.023%
96	15.767	2270	2274	2277	rBV4	2545	4055	0.22%	0.023%
97	15.846	2283	2287	2293	rBV8	1894	2764	0.15%	0.016%
98	16.486	2390	2392	2394	rBV3	769	580	0.03%	0.003%
99	16.523	2396	2398	2399	rVB2	839	363	0.02%	0.002%
100	16.657	2418	2420	2422	rBV3	797	560	0.03%	0.003%

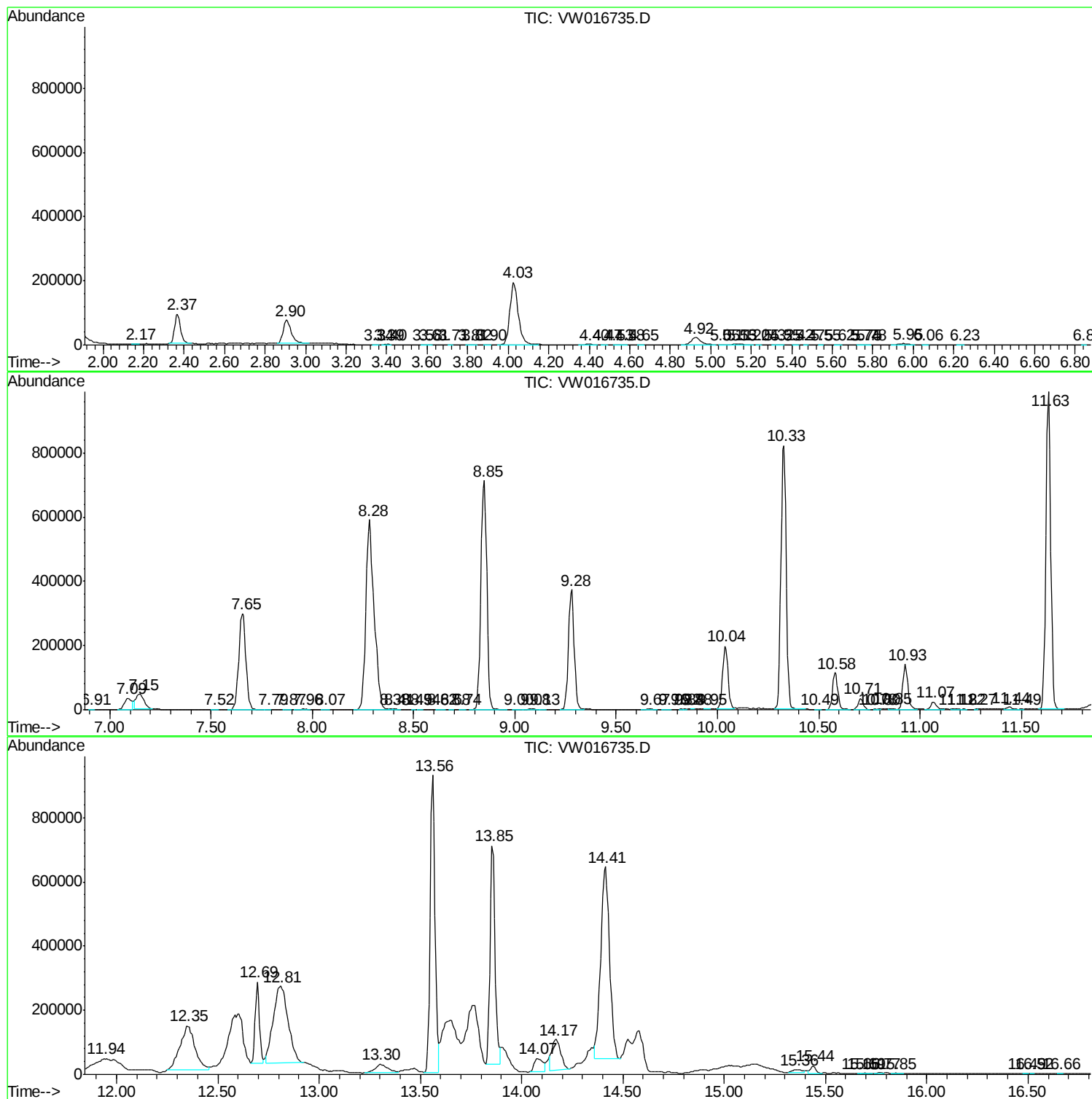
Sum of corrected areas: 17650259

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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



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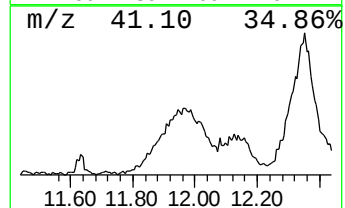
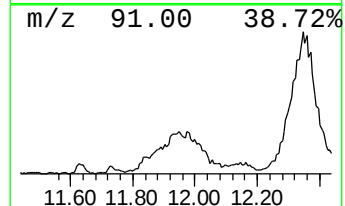
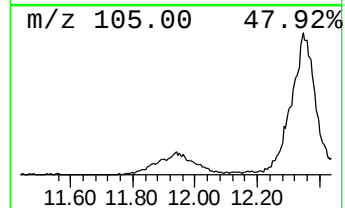
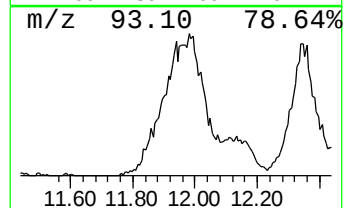
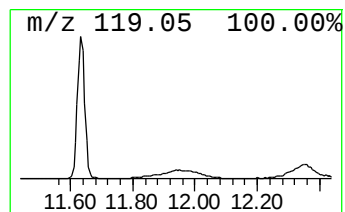
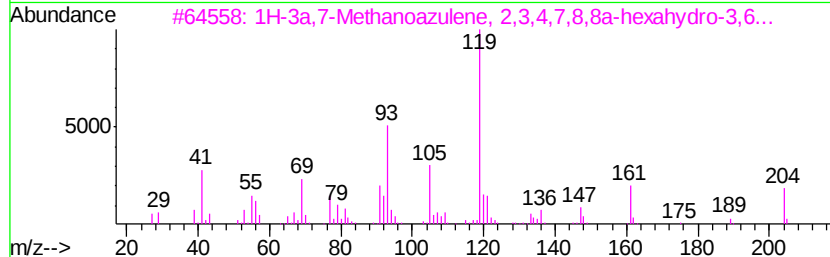
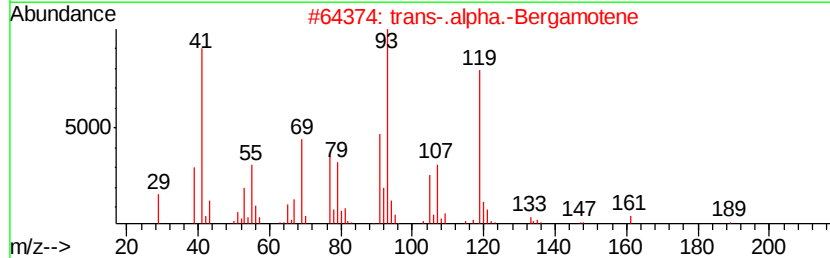
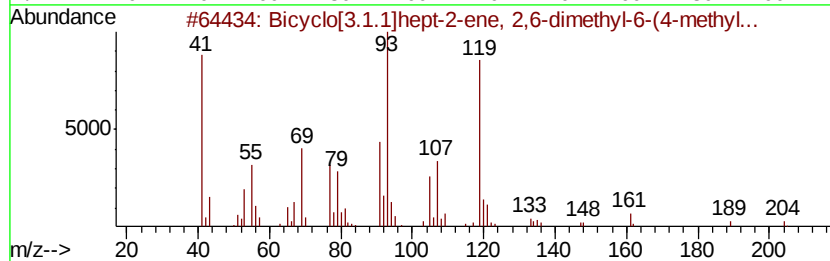
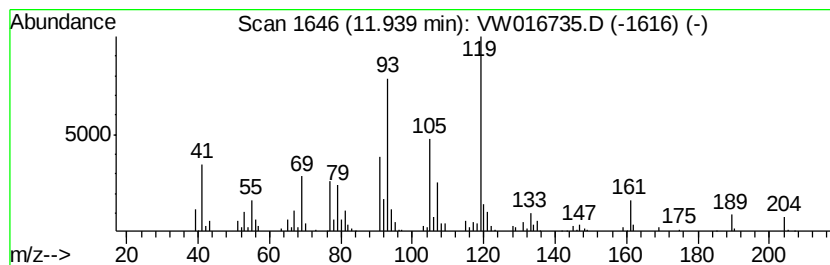
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 3 Bicyclo[3.1.1]hept-2-ene, 2... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.94	3.59 ug/L	232451	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	94	
2	trans-.alpha.-Bergamotene	204	C15H24	013474-59-4	90	
3	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	81	
4	1,3-Cyclohexadiene, 5-(1,5-dimet...	204	C15H24	000495-60-3	76	
5	.beta.-curcumene	204	C15H24	1000374-17-4	58	



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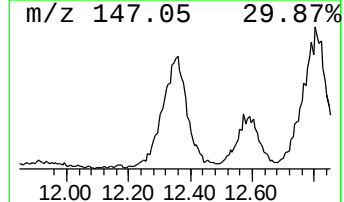
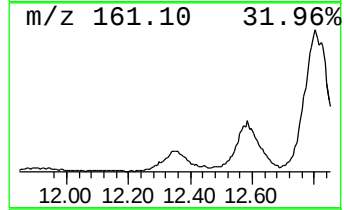
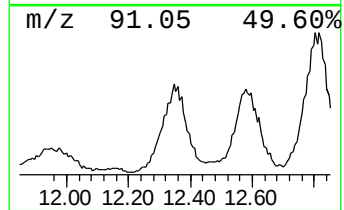
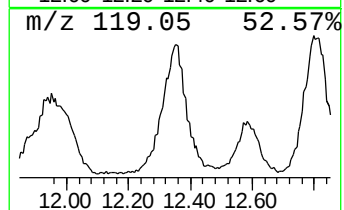
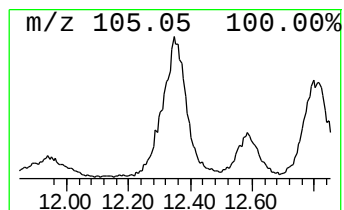
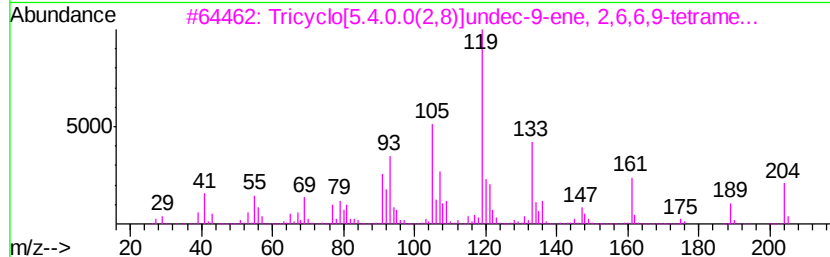
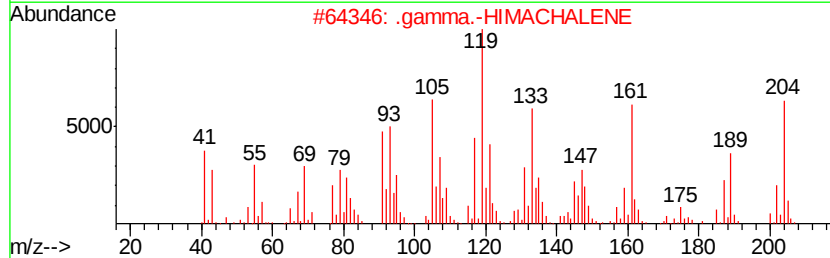
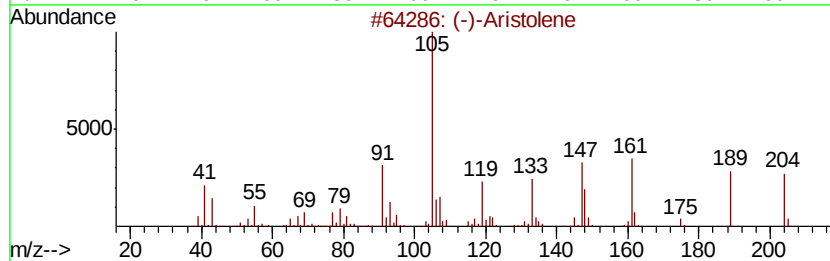
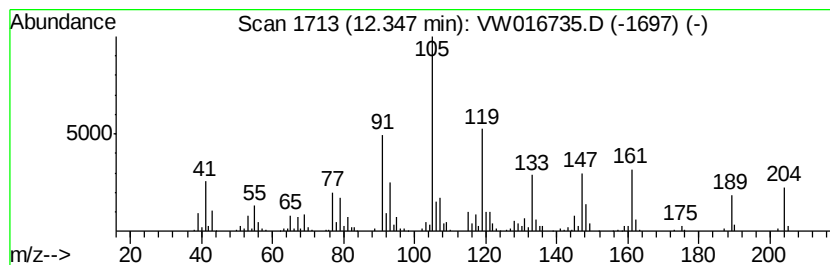
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Quant Title : VOC Analysis

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

Peak Number 4 (-)-Aristolene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	10.96 ug/L	708639	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(-)-Aristolene	204	C15H24	006831-16-9	91
2		.gamma.-HIMACHALENE	204	C15H24	1000140-08-0	83
3		Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	64
4		(-)-Aristolene	204	C15H24	006831-16-9	52
5		Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	52



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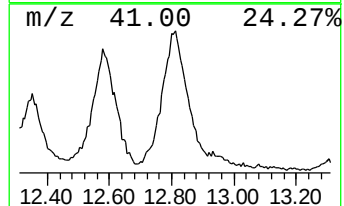
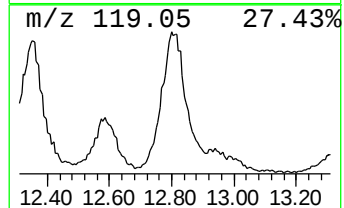
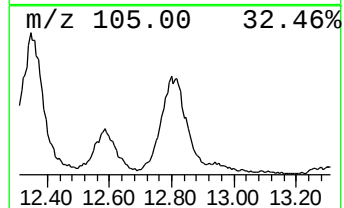
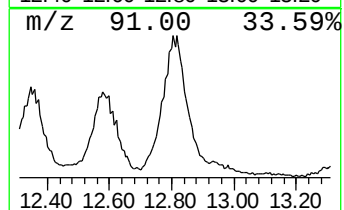
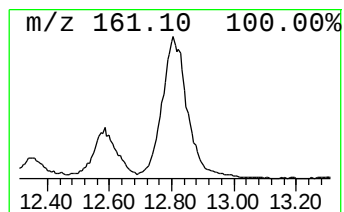
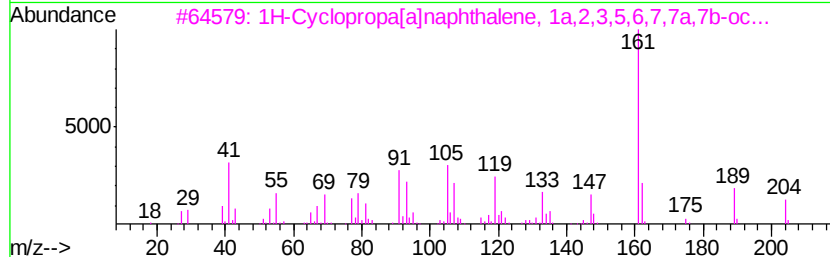
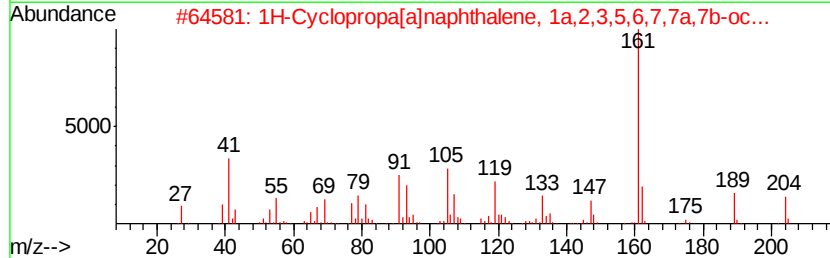
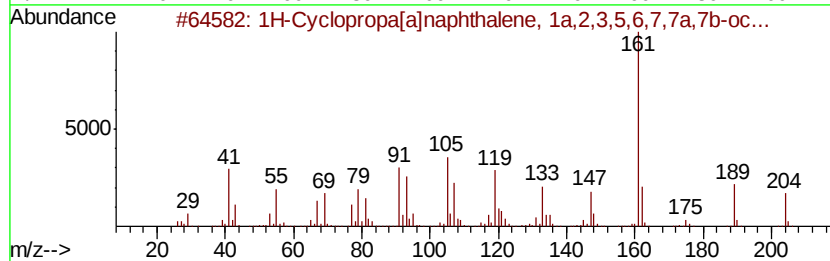
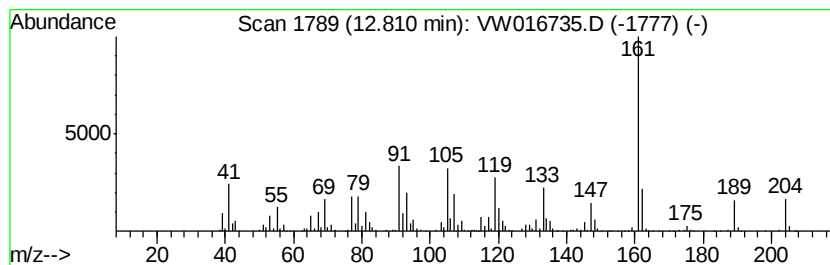
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Peak Number 5 1H-Cyclopropa[a]naphthalene... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	19.48 ug/L	1202130	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Cyclopropa[a]naphthalene, 1a,...	204 C15H24	017334-55-3 99
2		1H-Cyclopropa[a]naphthalene, 1a,...	204 C15H24	017334-55-3 98
3		1H-Cyclopropa[a]naphthalene, 1a,...	204 C15H24	017334-55-3 96
4		Isoledene	204 C15H24	1000156-10-8 87
5		.beta.-copaene	204 C15H24	1000374-18-9 83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100120\
Data File : VW016735.D
Acq On : 01 Oct 2020 14:05
Operator : SY/VA
Sample : L4201-08
Misc : 5.21G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

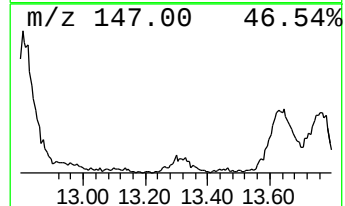
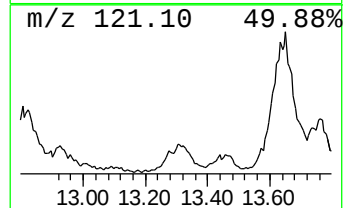
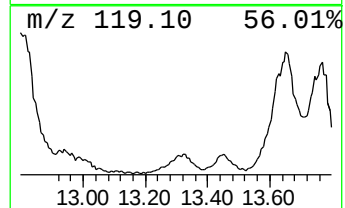
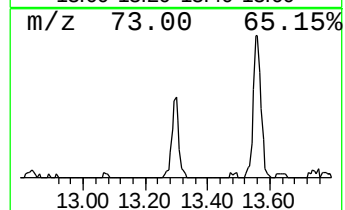
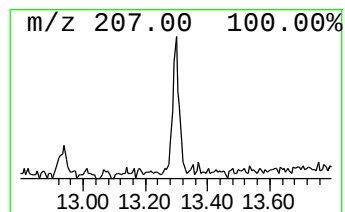
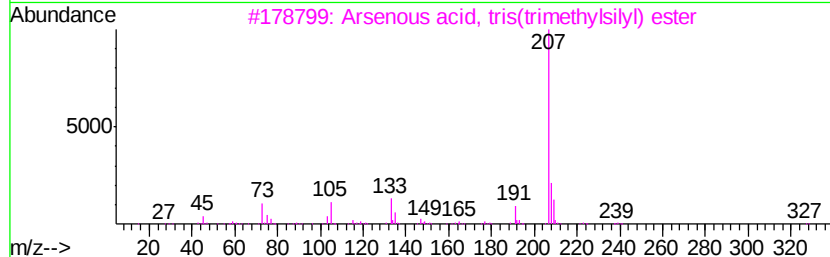
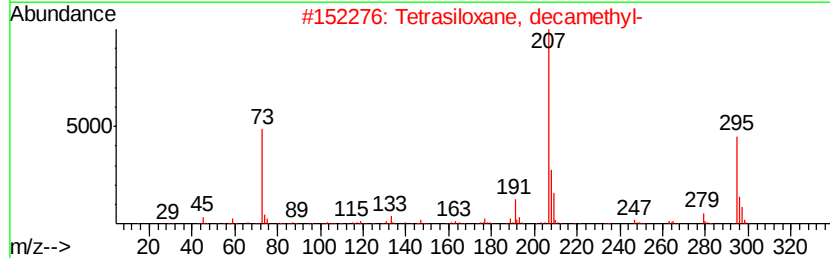
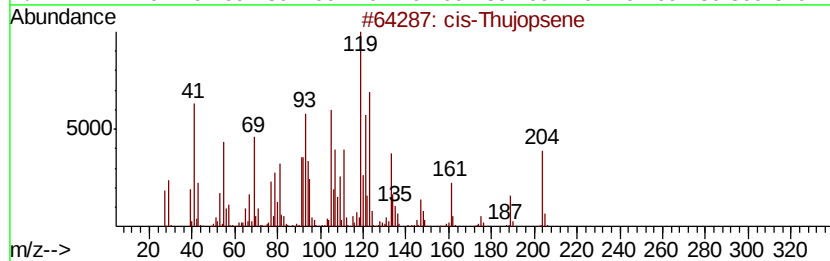
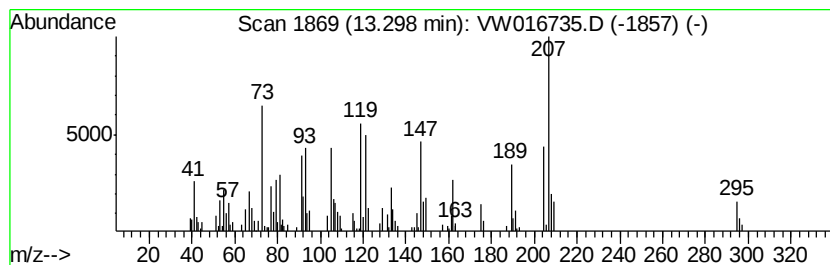
Instrument :
MSVOA_W
ClientSampleId :
C0AS4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 6 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	1.90 ug/L	117532	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		cis-Thuiopsene	204 C15H24	000470-40-6 30
2		Tetrasiloxane, decamethyl-	310 C10H30O3Si4	000141-62-8 22
3		Arsenous acid, tris(trimethylsil...) ester	342 C9H27AsO3Si3	055429-29-3 22
4		Tetrasiloxane, decamethyl-	310 C10H30O3Si4	000141-62-8 22
5		Tetrasiloxane, decamethyl-	310 C10H30O3Si4	000141-62-8 22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100120\
Data File : VW016735.D
Acq On : 01 Oct 2020 14:05
Operator : SY/VA
Sample : L4201-08
Misc : 5.21G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

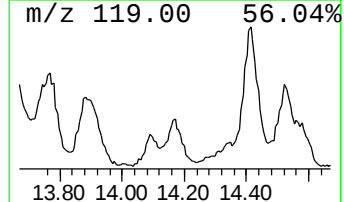
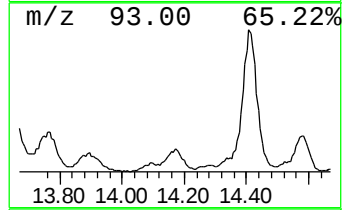
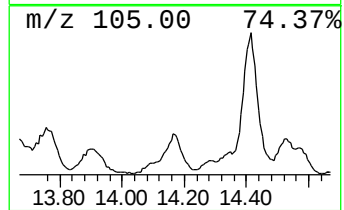
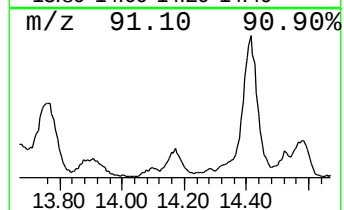
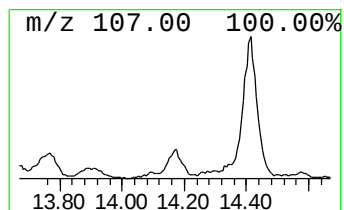
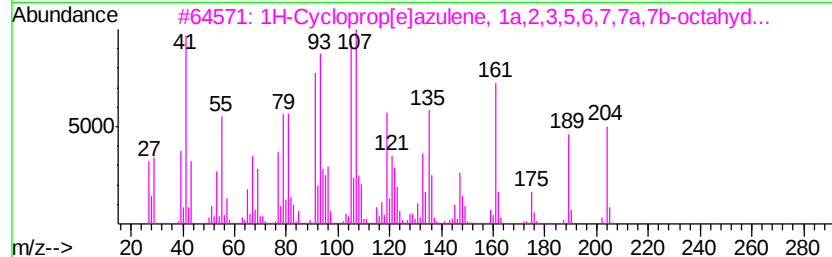
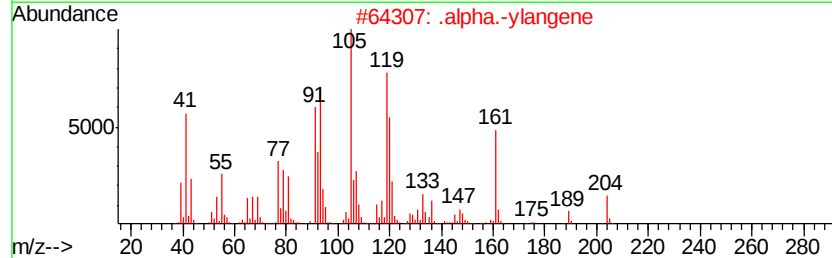
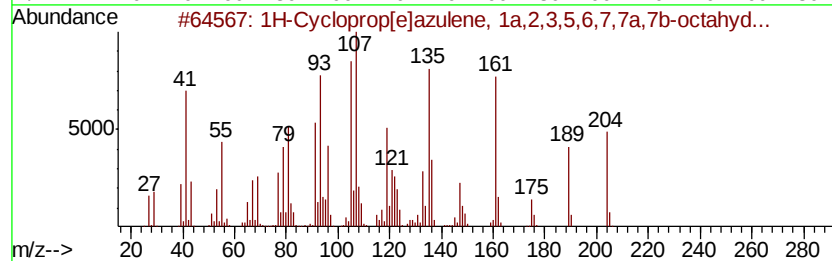
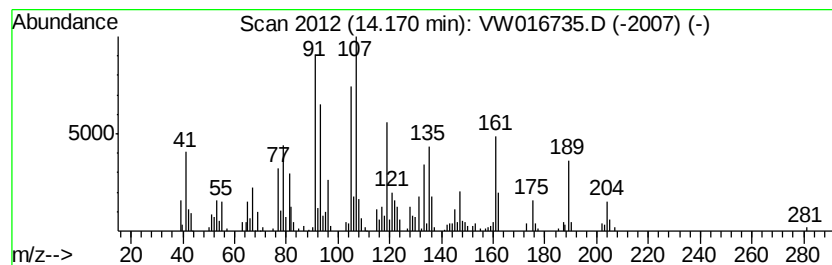
Instrument :
MSVOA_W
ClientSampleId :
C0AS4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 8 1H-Cycloprop[e]azulene, 1a,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	4.59 ug/L	283153	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Cycloprop[elazulene, 1a,2,3,5...	204 C15H24	021747-46-6	70
2	.alpha.-ylangene	204 C15H24	1000374-19-0	58
3	1H-Cycloprop[elazulene, 1a,2,3,5...	204 C15H24	021747-46-6	53
4	Guaia-1(10),11-diene	204 C15H24	1000374-19-7	52
5	4,5-di-epi-aristolochene	204 C15H24	1000374-17-1	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100120\
Data File : VW016735.D
Acq On : 01 Oct 2020 14:05
Operator : SY/VA
Sample : L4201-08
Misc : 5.21G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

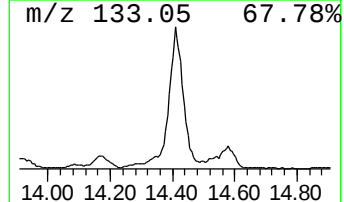
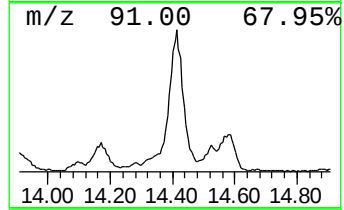
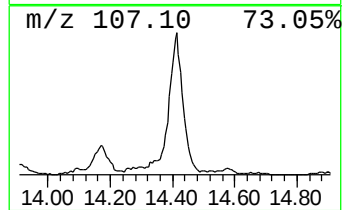
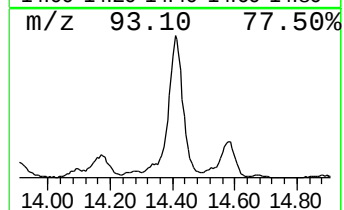
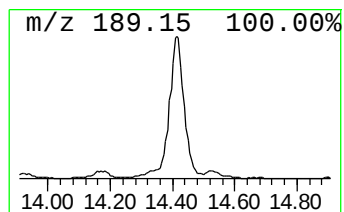
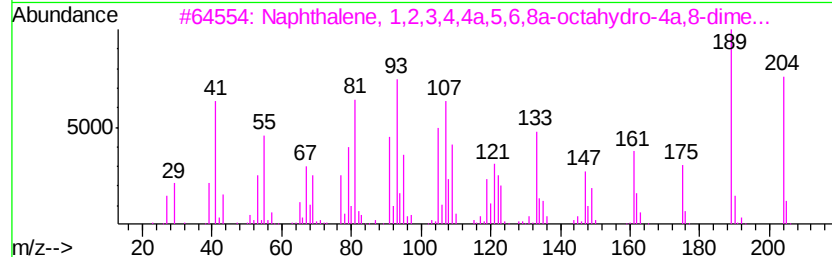
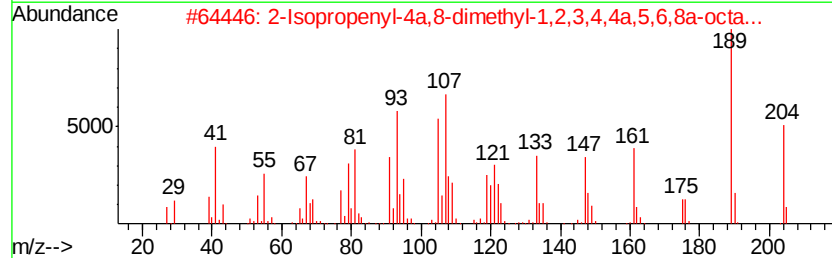
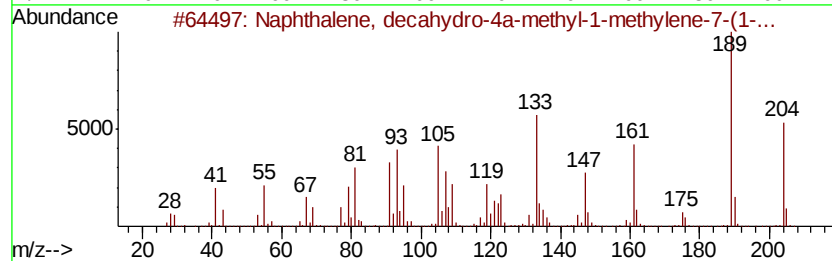
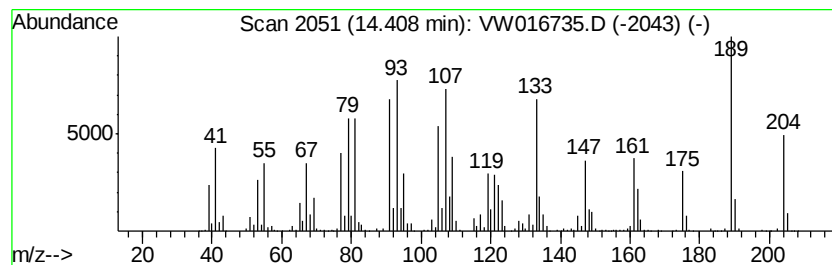
Instrument :
MSVOA_W
ClientSampleId :
C0AS4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, decahydro-4a-m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	29.24 ug/L	1804020	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-4a-methyl...	204 C15H24	000515-17-3 91
2		2-Isopropenyl-4a,8-dimethyl-1,2,...	204 C15H24	1000193-57-0 87
3		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204 C15H24	000473-13-2 76
4		Naphthalene, decahydro-4a-methyl...	204 C15H24	017066-67-0 70
5		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204 C15H24	003691-11-0 68



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100120\
Data File : VW016735.D
Acq On : 01 Oct 2020 14:05
Operator : SY/VA
Sample : L4201-08
Misc : 5.21G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AS4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.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
Bicyclo[3.1.1]hep...	11.94	3.6	ug/L	232451	2	11.63	1616810	25.0
(-)-Aristolene	12.35	11.0	ug/L	708639	2	11.63	1616810	25.0
1H-Cyclopropa[a]n...	12.81	19.5	ug/L	1202130	3	13.56	1542520	25.0
unknown-01	13.30	1.9	ug/L	117532	3	13.56	1542520	25.0
1H-Cycloprop[e]az...	14.17	4.6	ug/L	283153	3	13.56	1542520	25.0
Naphthalene, deca...	14.41	29.2	ug/L	1804020	3	13.56	1542520	25.0