

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009504.D
 Acq On : 27 Mar 2019 15:45
 Operator : SY/VA
 Sample : K2068-05
 Misc : 5.19G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M7

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\SOM2WLM031419S.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	2.355	70	74	88	rVB	54726	125940	11.37%	1.491%
2	4.013	337	346	359	rBV	98824	316053	28.54%	3.741%
3	4.531	429	431	432	rBV	2400	1760	0.16%	0.021%
4	4.660	450	452	454	rBV2	2025	2078	0.19%	0.025%
5	4.818	476	478	480	rBV2	2063	2001	0.18%	0.024%
6	4.909	483	493	494	rBV3	34040	74800	6.75%	0.885%
7	5.129	527	529	534	rVB	1772	2112	0.19%	0.025%
8	5.178	536	537	539	rBV	1966	1417	0.13%	0.017%
9	5.281	552	554	555	rBV	1689	1195	0.11%	0.014%
10	5.501	587	590	592	rBV	1983	2460	0.22%	0.029%
11	5.641	609	613	615	rBV	1479	2239	0.20%	0.027%
12	5.928	653	660	667	rBV4	11720	32537	2.94%	0.385%
13	6.007	671	673	676	rVB3	1342	1440	0.13%	0.017%
14	6.049	678	680	683	rBV	2104	1965	0.18%	0.023%
15	6.104	687	689	692	rBV3	1871	1499	0.14%	0.018%
16	6.202	704	705	707	rVB	1860	1104	0.10%	0.013%
17	6.385	732	735	736	rBV3	1153	1101	0.10%	0.013%
18	6.556	761	763	764	rBV	1378	1451	0.13%	0.017%
19	6.684	780	784	785	rBV2	1273	1611	0.15%	0.019%
20	6.830	805	808	810	rBV	2524	2588	0.23%	0.031%
21	6.885	815	817	821	rBV	1704	2808	0.25%	0.033%
22	6.933	821	825	827	rVV2	1295	2023	0.18%	0.024%
23	7.019	837	839	841	rBV2	1906	1696	0.15%	0.020%
24	7.080	841	849	856	rBV	31363	92391	8.34%	1.094%
25	7.263	877	879	881	rBV	1406	1012	0.09%	0.012%
26	7.342	890	892	893	rBV2	1868	1487	0.13%	0.018%
27	7.433	906	907	909	rVB	1596	1110	0.10%	0.013%
28	7.647	932	942	952	rVB	221000	530065	47.86%	6.274%
29	7.757	958	960	963	rVB	1167	1121	0.10%	0.013%
30	7.787	963	965	966	rBV	1727	1019	0.09%	0.012%
31	7.909	981	985	988	rBV2	1754	1987	0.18%	0.024%
32	7.982	995	997	999	rVB	2027	2057	0.19%	0.024%
33	8.013	1001	1002	1005	rBV	1404	1196	0.11%	0.014%
34	8.122	1017	1020	1023	rVB	1769	2118	0.19%	0.025%

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 Title : VOC Analysis

35	8.159	1023	1026	1029	rBV3	1320	2369	0.21%	0.028%
36	8.214	1031	1035	1036	rBV	1821	2051	0.19%	0.024%
37	8.275	1036	1045	1061	rBV2	354331	1107587	100.00%	13.109%
38	8.415	1066	1068	1070	rVB2	2344	1813	0.16%	0.021%
39	8.439	1070	1072	1075	rBV2	1736	1429	0.13%	0.017%
40	8.494	1080	1081	1083	rBV	1700	1212	0.11%	0.014%
41	8.543	1088	1089	1091	rBV	2094	1290	0.12%	0.015%
42	8.671	1107	1110	1111	rBV	1415	1464	0.13%	0.017%
43	8.842	1127	1138	1148	rVV	444044	863963	78.00%	10.226%
44	9.275	1201	1209	1218	rBV	276430	562724	50.81%	6.660%
45	9.378	1225	1226	1228	rBV	1844	1749	0.16%	0.021%
46	9.494	1243	1245	1246	rBV	1579	977	0.09%	0.012%
47	9.622	1263	1266	1267	rBV2	1800	1906	0.17%	0.023%
48	9.756	1283	1288	1289	rBV2	1990	2827	0.26%	0.033%
49	9.890	1305	1310	1315	rVB8	4548	8132	0.73%	0.096%
50	10.030	1326	1333	1343	rVV	113501	207073	18.70%	2.451%
51	10.128	1343	1349	1355	rVV	35949	64946	5.86%	0.769%
52	10.244	1365	1368	1372	rBV4	3766	6240	0.56%	0.074%
53	10.323	1374	1381	1388	rBV	455568	789879	71.32%	9.349%
54	10.579	1417	1423	1429	rVB	83547	138116	12.47%	1.635%
55	10.707	1440	1444	1450	rBV3	3282	7016	0.63%	0.083%
56	10.774	1452	1455	1457	rBV3	4319	6072	0.55%	0.072%
57	10.927	1474	1480	1500	rVB2	127553	292964	26.45%	3.468%
58	11.628	1589	1595	1604	rVB	579176	971979	87.76%	11.504%
59	12.158	1679	1682	1684	rBV2	3585	4543	0.41%	0.054%
60	12.329	1706	1710	1711	rVV3	2386	2662	0.24%	0.032%
61	12.402	1719	1722	1725	rBV3	1768	2544	0.23%	0.030%
62	12.469	1727	1733	1740	rBV2	46382	81826	7.39%	0.968%
63	12.609	1748	1756	1761	rBV4	9331	19909	1.80%	0.236%
64	12.695	1763	1770	1783	rBV	226683	400371	36.15%	4.739%
65	12.835	1791	1793	1794	rBV	1813	1558	0.14%	0.018%
66	12.896	1802	1803	1806	rBV	1214	1436	0.13%	0.017%
67	13.030	1818	1825	1833	rBV	77534	136552	12.33%	1.616%
68	13.219	1851	1856	1861	rVB4	9855	17436	1.57%	0.206%
69	13.292	1865	1868	1869	rBV2	3488	3623	0.33%	0.043%
70	13.402	1884	1886	1892	rVB3	4042	5834	0.53%	0.069%
71	13.469	1892	1897	1902	rBV3	38339	74109	6.69%	0.877%

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72	13.560	1906	1912	1918	rVV	486530	767674	69.31%	9.086%
73	13.713	1935	1937	1941	rVB5	2787	2978	0.27%	0.035%
74	13.768	1944	1946	1948	rVB2	2936	2112	0.19%	0.025%
75	13.853	1953	1960	1968	rBV	355691	589682	53.24%	6.980%
76	14.072	1993	1996	2001	rVV2	5704	10297	0.93%	0.122%
77	14.182	2011	2014	2016	rBV2	1177	1647	0.15%	0.019%
78	14.237	2020	2023	2024	rBV	3312	2774	0.25%	0.033%
79	14.268	2024	2028	2033	rVB3	5865	10037	0.91%	0.119%
80	14.328	2036	2038	2041	rBV4	2556	3122	0.28%	0.037%
81	14.402	2047	2050	2052	rBV3	1464	1237	0.11%	0.015%
82	14.548	2071	2074	2075	rBV2	1797	1495	0.13%	0.018%
83	14.670	2091	2094	2095	rBV3	1370	1562	0.14%	0.018%
84	14.700	2098	2099	2102	rBV3	1041	1178	0.11%	0.014%
85	14.804	2115	2116	2122	rBV2	1781	1953	0.18%	0.023%
86	14.926	2131	2136	2138	rBV2	1560	2855	0.26%	0.034%
87	15.017	2148	2151	2153	rBV2	1798	1697	0.15%	0.020%
88	15.042	2153	2155	2157	rBV2	1800	1974	0.18%	0.023%
89	15.139	2169	2171	2172	rBV	1222	1199	0.11%	0.014%
90	15.505	2227	2231	2236	rBV2	3870	6524	0.59%	0.077%
91	15.901	2290	2296	2297	rBV2	2860	4690	0.42%	0.056%
92	15.950	2302	2304	2305	rBV2	1574	1314	0.12%	0.016%
93	16.206	2343	2346	2347	rBV2	1735	2235	0.20%	0.026%
94	16.340	2364	2368	2369	rVB4	2011	1804	0.16%	0.021%
95	16.365	2369	2372	2373	rBV	1121	1082	0.10%	0.013%
96	16.493	2391	2393	2395	rVB2	1761	1333	0.12%	0.016%
97	16.602	2409	2411	2412	rVB2	1831	1051	0.09%	0.012%
98	16.627	2412	2415	2417	rBV3	1479	1913	0.17%	0.023%
99	16.700	2426	2427	2429	rBV	1745	1477	0.13%	0.017%
100	16.724	2429	2431	2434	rVB2	1871	2240	0.20%	0.027%

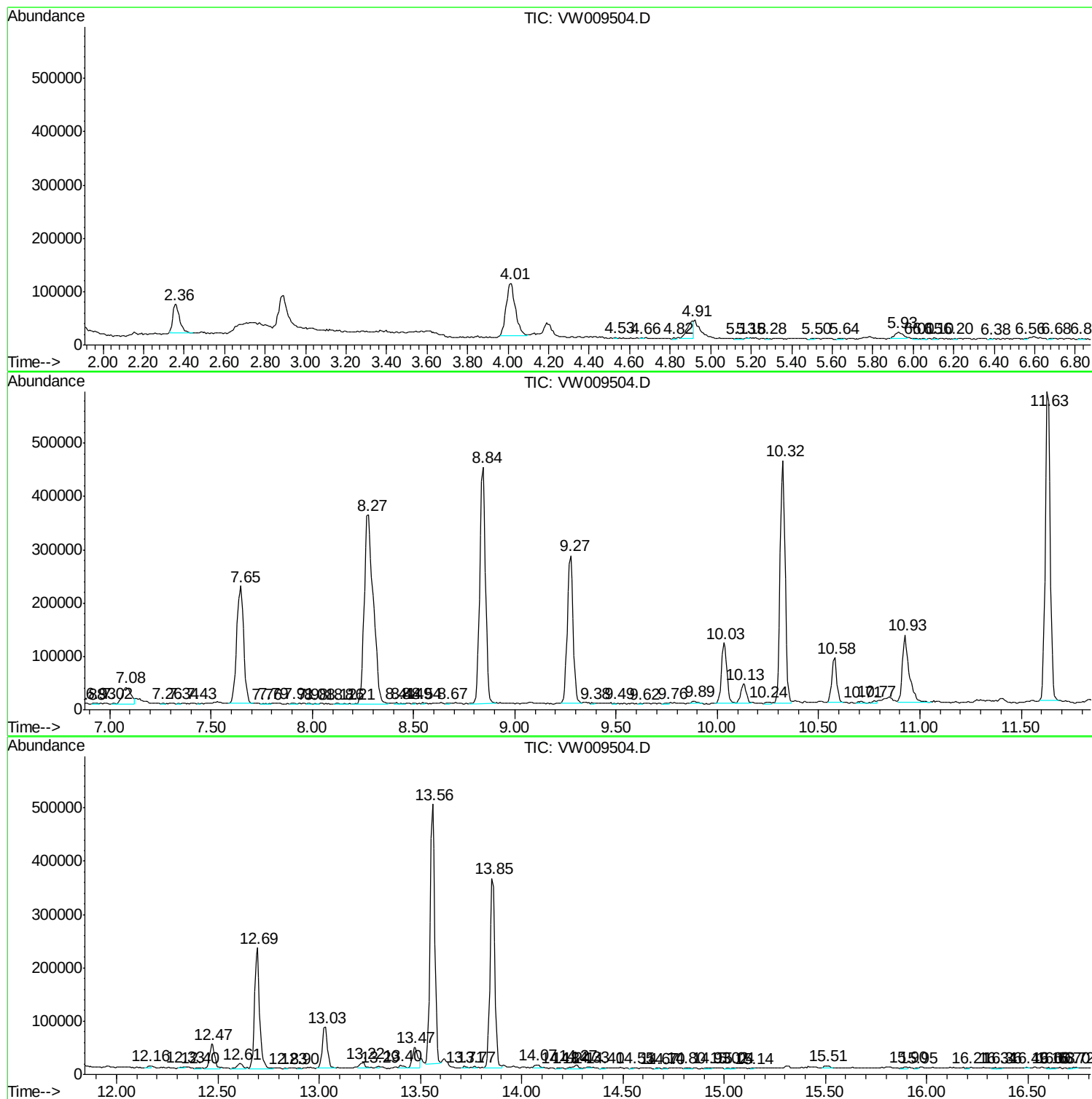
Sum of corrected areas: 8448758

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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



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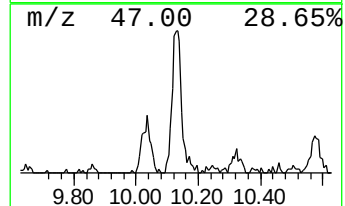
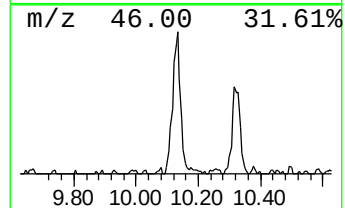
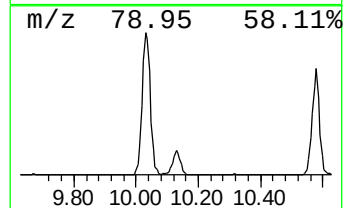
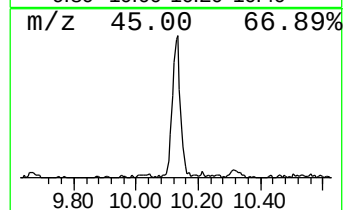
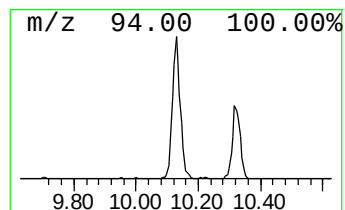
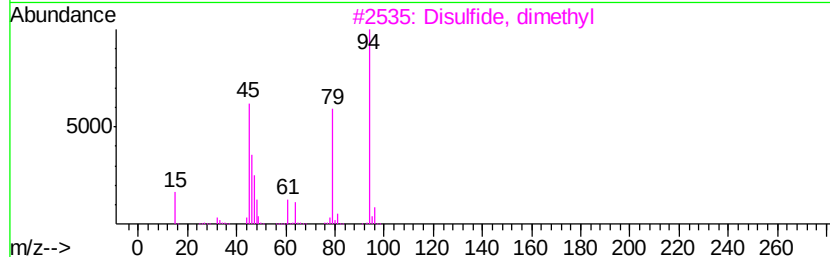
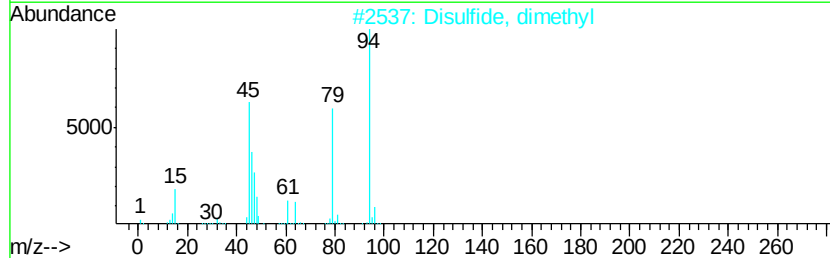
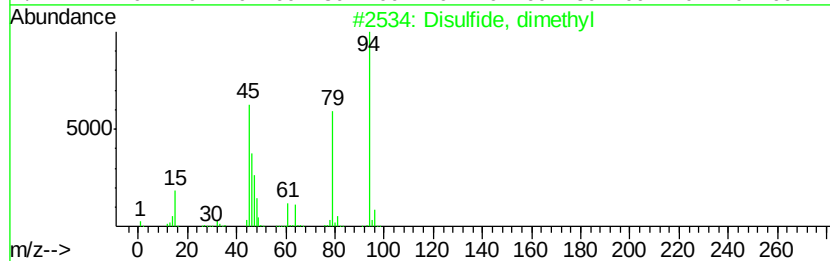
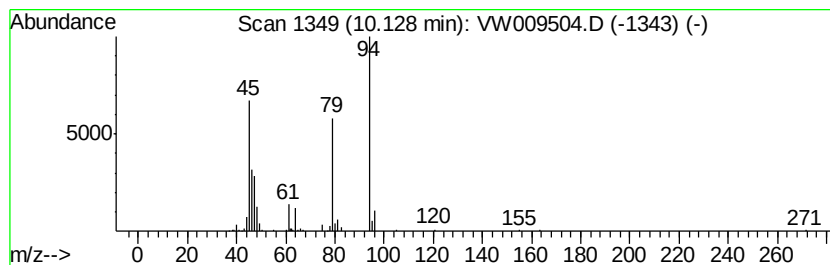
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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

Peak Number 2 Disulfide, dimethyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	1.88 ug/L	64946	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
2		Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
3		Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
4		Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
5		Disulfide, dimethyl	94	C2H6S2	000624-92-0	95



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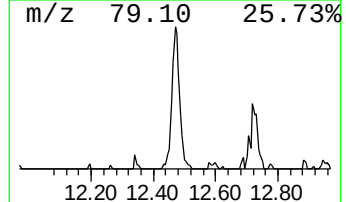
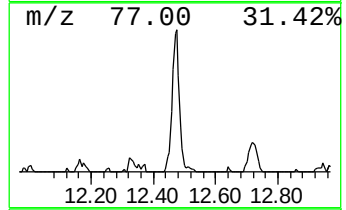
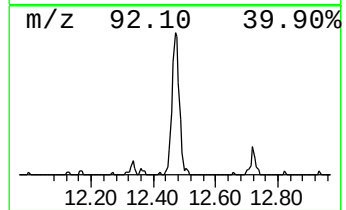
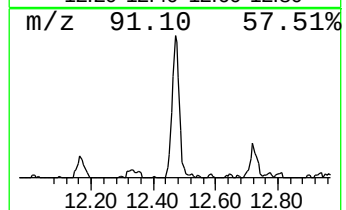
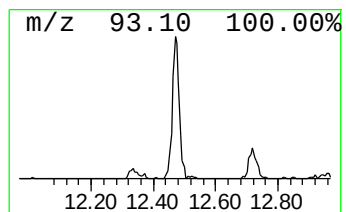
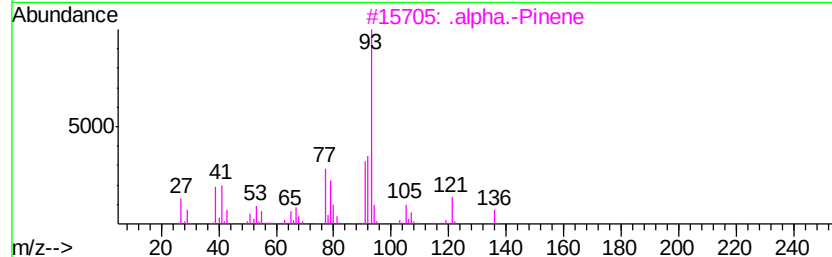
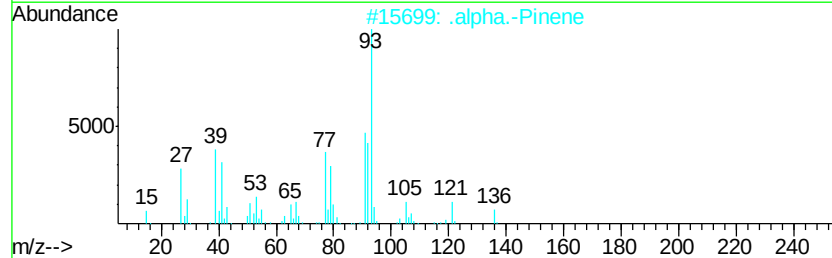
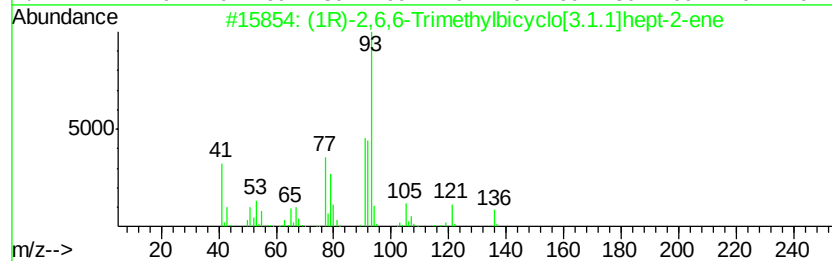
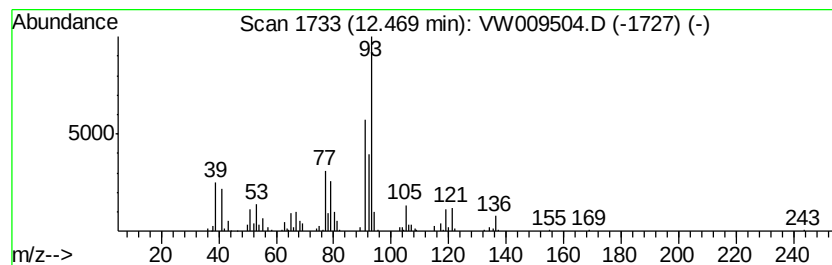
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.47	2.10 ug/L	81826	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	96
2	.alpha.-Pinene	136	C10H16	000080-56-8	92
3	.alpha.-Pinene	136	C10H16	000080-56-8	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91



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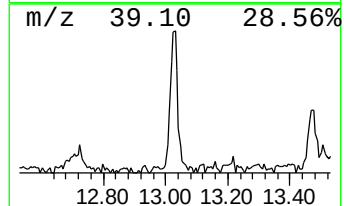
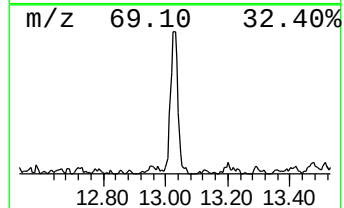
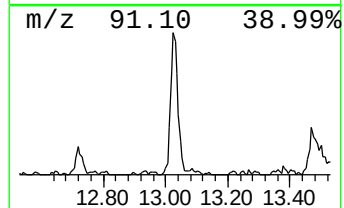
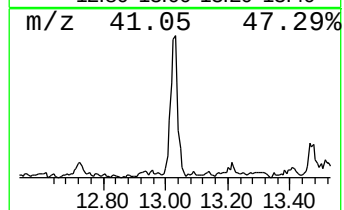
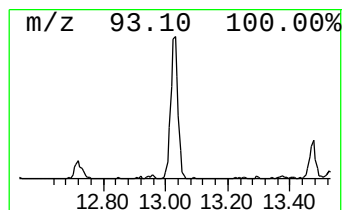
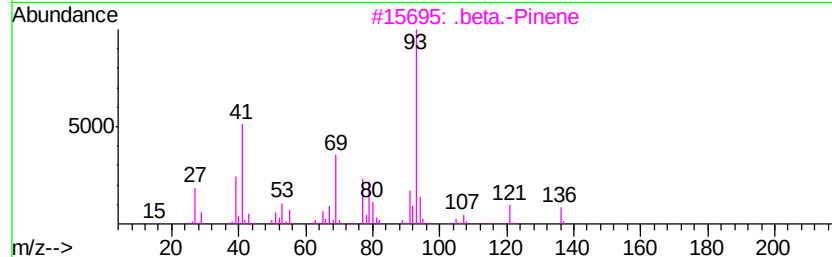
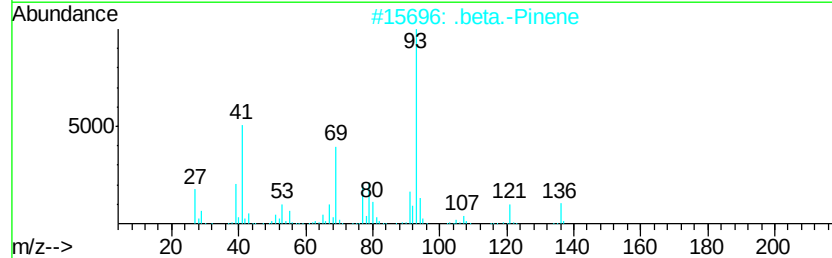
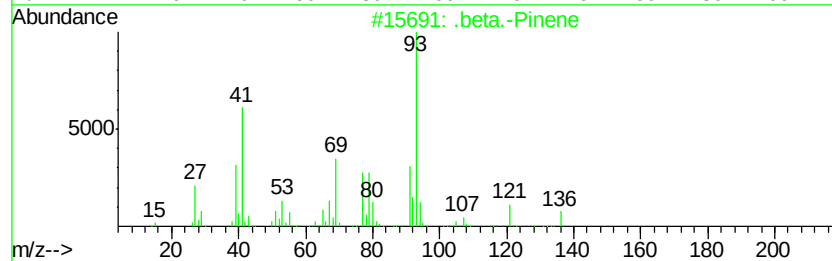
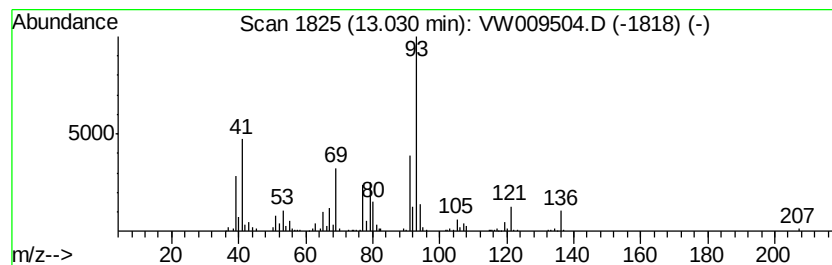
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Peak Number 4 .beta.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	4.45 ug/L	136552	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	.beta.-Pinene	136 C10H16	000127-91-3	95
2	.beta.-Pinene	136 C10H16	000127-91-3	94
3	.beta.-Pinene	136 C10H16	000127-91-3	94
4	.beta.-Pinene	136 C10H16	000127-91-3	91
5	Bicyclo[3.1.0]hexane, 4-methylen...	136 C10H16	003387-41-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009504.D
Acq On : 27 Mar 2019 15:45
Operator : SY/VA
Sample : K2068-05
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5M7

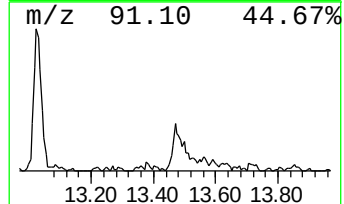
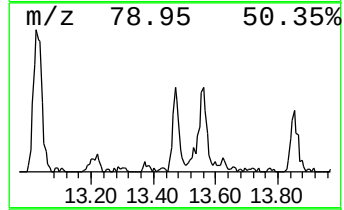
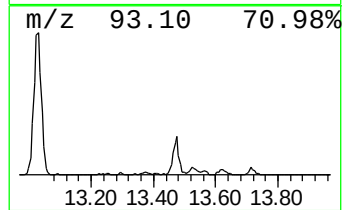
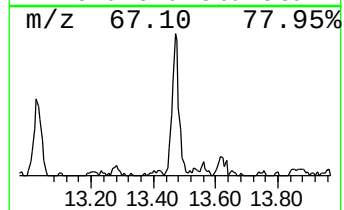
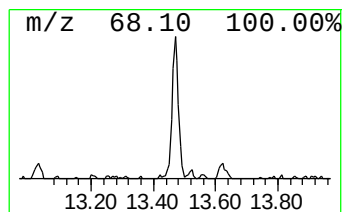
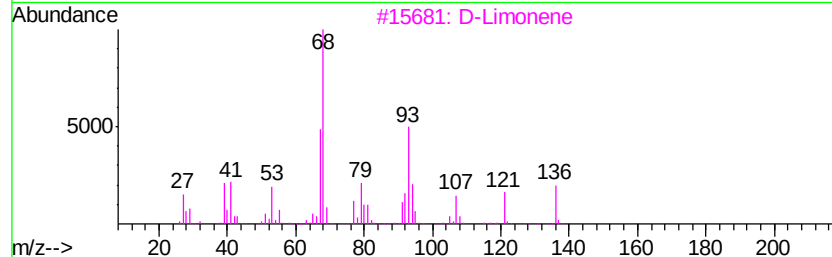
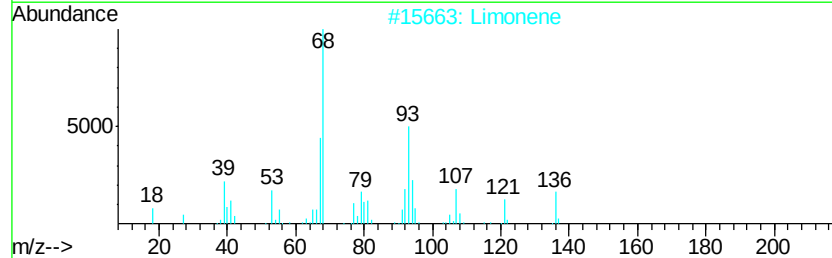
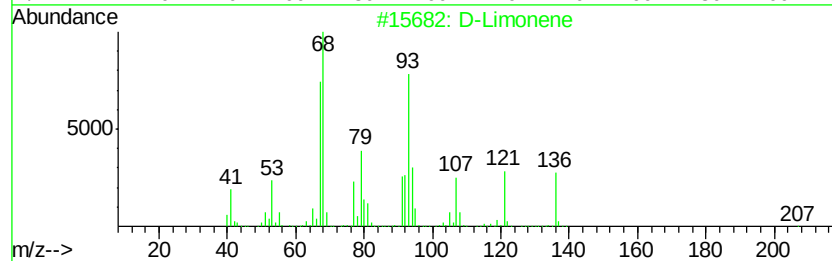
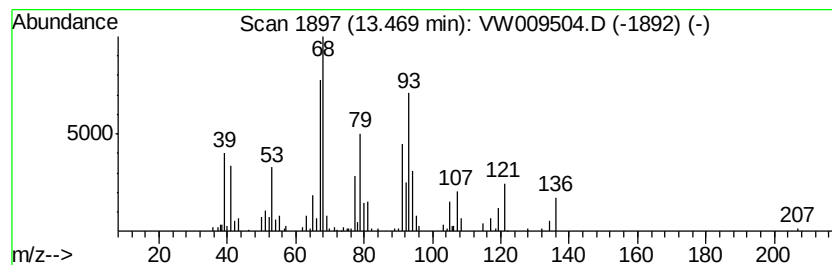
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Quant Title : VOC Analysis

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

Peak Number 5 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	2.41 ug/L	74109	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene		136	C10H16	005989-27-5	98
2	Limonene		136	C10H16	000138-86-3	93
3	D-Limonene		136	C10H16	005989-27-5	93
4	D-Limonene		136	C10H16	005989-27-5	93
5	Limonene		136	C10H16	000138-86-3	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW032719\
Data File : VW009504.D
Acq On : 27 Mar 2019 15:45
Operator : SY/VA
Sample : K2068-05
Misc : 5.19G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5M7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.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
Disulfide, dimethyl	10.13	1.9	ug/L	64946	1	8.84	863963	25.0
(1R)-2,6,6-Trimet...	12.47	2.1	ug/L	81826	2	11.63	971979	25.0
.beta.-Pinene	13.03	4.5	ug/L	136552	3	13.56	767674	25.0
D-Limonene	13.47	2.4	ug/L	74109	3	13.56	767674	25.0