

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050719\
 Data File : VW010299.D
 Acq On : 07 May 2019 14:59
 Operator : SY/VA
 Sample : K2690-01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5106

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\SOM2WLM050719S.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	2.013	13	18	29	rVB	45248	115043	5.37%	0.266%
2	2.361	68	75	91	rVB2	155569	445474	20.78%	1.031%
3	2.885	154	161	165	rBV	86259	238734	11.13%	0.552%
4	3.806	304	312	324	rVB	54263	138144	6.44%	0.320%
5	4.013	332	346	357	rBV3	331042	1299024	60.58%	3.006%
6	4.129	358	365	382	rVB	230422	667407	31.13%	1.544%
7	4.287	389	391	393	rBV3	1468	1148	0.05%	0.003%
8	4.373	393	405	427	rVV	180688	702254	32.75%	1.625%
9	4.903	480	492	520	rVV2	257597	1093658	51.00%	2.531%
10	5.208	540	542	544	rVB2	1595	1063	0.05%	0.002%
11	5.409	562	575	594	rVV	327403	1030461	48.06%	2.385%
12	5.927	650	660	669	rBV6	7361	20733	0.97%	0.048%
13	6.208	693	706	717	rBV	111283	339774	15.85%	0.786%
14	6.458	745	747	750	rBV	1061	1175	0.05%	0.003%
15	6.982	828	833	834	rVB3	1401	1774	0.08%	0.004%
16	7.080	840	849	854	rBV	101575	271041	12.64%	0.627%
17	7.159	855	862	876	rVB	451354	1188629	55.43%	2.751%
18	7.506	906	919	931	rBV2	443782	1114221	51.96%	2.578%
19	7.647	931	942	956	rVV2	410374	1343605	62.66%	3.109%
20	7.866	967	978	986	rVV	588039	1516588	70.73%	3.509%
21	7.945	986	991	1001	rVV2	91095	221286	10.32%	0.512%
22	8.061	1001	1010	1027	rVB	229095	599327	27.95%	1.387%
23	8.268	1034	1044	1061	rBV2	720369	2144225	100.00%	4.962%
24	8.610	1098	1100	1102	rBV3	1161	1241	0.06%	0.003%
25	8.634	1102	1104	1106	rVV3	1173	1294	0.06%	0.003%
26	8.671	1106	1110	1118	rVB7	5945	12880	0.60%	0.030%
27	8.750	1120	1123	1125	rBV2	1074	1277	0.06%	0.003%
28	8.841	1128	1138	1148	rBV	722707	1425332	66.47%	3.298%
29	8.909	1148	1149	1153	rVV3	2201	2032	0.09%	0.005%
30	9.085	1167	1178	1191	rBV	797901	1571303	73.28%	3.636%
31	9.268	1199	1208	1216	rBV	473258	980792	45.74%	2.270%
32	9.366	1216	1224	1234	rVB	454743	874139	40.77%	2.023%
33	9.457	1234	1239	1252	rVB3	22773	53424	2.49%	0.124%
34	9.640	1261	1269	1276	rBV	214984	411256	19.18%	0.952%

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35	9.762	1283	1289	1295	rVB6	4028	8376	0.39%	0.019%
36	9.890	1304	1310	1322	rBV2	18377	41412	1.93%	0.096%
37	10.030	1324	1333	1337	rBV	272677	540318	25.20%	1.250%
38	10.067	1337	1339	1347	rVV	246733	394776	18.41%	0.914%
39	10.146	1347	1352	1356	rVV	23084	44078	2.06%	0.102%
40	10.213	1356	1363	1374	rVV	485625	880072	41.04%	2.037%
41	10.323	1374	1381	1388	rVV	1031976	1794240	83.68%	4.152%
42	10.384	1388	1391	1397	rVB4	7694	13911	0.65%	0.032%
43	10.603	1415	1427	1438	rBV2	468688	1145064	53.40%	2.650%
44	10.707	1438	1444	1449	rVB	15465	26618	1.24%	0.062%
45	10.786	1449	1457	1463	rBV	219162	391147	18.24%	0.905%
46	10.859	1463	1469	1475	rBV	659976	1099723	51.29%	2.545%
47	10.926	1475	1480	1483	rBV	415744	648919	30.26%	1.502%
48	10.969	1483	1487	1493	rVB	514893	800270	37.32%	1.852%
49	11.073	1500	1504	1507	rBV4	4001	7294	0.34%	0.017%
50	11.128	1507	1513	1523	rVB	183456	321118	14.98%	0.743%
51	11.231	1523	1530	1540	rVB	192800	342150	15.96%	0.792%
52	11.347	1544	1549	1551	rBV3	1633	2302	0.11%	0.005%
53	11.408	1553	1559	1562	rBV4	5169	9244	0.43%	0.021%
54	11.628	1586	1595	1603	rBV	1006581	1723017	80.36%	3.987%
55	11.731	1604	1612	1619	rVB	710781	1226909	57.22%	2.839%
56	11.817	1623	1626	1627	rBV3	1847	1936	0.09%	0.004%
57	12.054	1663	1665	1667	rBV3	1267	1386	0.06%	0.003%
58	12.182	1678	1686	1695	rVV	962458	1447209	67.49%	3.349%
59	12.249	1695	1697	1699	rVV3	2519	3000	0.14%	0.007%
60	12.286	1702	1703	1707	rVV3	1561	2103	0.10%	0.005%
61	12.347	1707	1713	1723	rVV	204575	357936	16.69%	0.828%
62	12.475	1729	1734	1738	rVV5	3545	6505	0.30%	0.015%
63	12.609	1749	1756	1762	rBV	27442	47495	2.22%	0.110%
64	12.713	1762	1773	1784	rVB2	624357	1608585	75.02%	3.722%
65	12.890	1800	1802	1805	rVB3	1178	1297	0.06%	0.003%
66	12.938	1805	1810	1817	rVB6	5042	10918	0.51%	0.025%
67	13.024	1817	1824	1825	rBV5	2201	4446	0.21%	0.010%
68	13.109	1833	1838	1842	rVB3	6044	9753	0.45%	0.023%
69	13.164	1846	1847	1850	rBV2	1636	1992	0.09%	0.005%
70	13.200	1850	1853	1855	rVV3	2525	3496	0.16%	0.008%
71	13.255	1855	1862	1876	rVB	1399560	2085836	97.28%	4.827%

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72	13.408	1879	1887	1893	rVV4	8255	16728	0.78%	0.039%
73	13.499	1893	1902	1907	rVV	1104705	1770489	82.57%	4.097%
74	13.560	1907	1912	1925	rVB	1100932	1757294	81.95%	4.066%
75	13.767	1941	1946	1951	rBV7	4258	7715	0.36%	0.018%
76	13.853	1953	1960	1967	rBV	839869	1428850	66.64%	3.306%
77	13.963	1974	1978	1982	rVB3	5843	9390	0.44%	0.022%
78	14.023	1985	1988	1991	rVV3	2915	4359	0.20%	0.010%
79	14.072	1991	1996	2004	rVV	33216	59047	2.75%	0.137%
80	14.139	2006	2007	2009	rBV2	1151	1217	0.06%	0.003%
81	14.243	2021	2024	2026	rBV2	1116	1255	0.06%	0.003%
82	14.328	2034	2038	2042	rVB6	3395	5324	0.25%	0.012%
83	14.395	2047	2049	2054	rVB5	1745	1728	0.08%	0.004%
84	14.487	2057	2064	2073	rVB	301360	491701	22.93%	1.138%
85	14.627	2084	2087	2095	rVB8	3673	6438	0.30%	0.015%
86	14.725	2101	2103	2111	rVB5	2570	3584	0.17%	0.008%
87	14.840	2120	2122	2125	rVB3	1246	1330	0.06%	0.003%
88	15.133	2165	2170	2174	rBV5	3911	9161	0.43%	0.021%
89	15.346	2203	2205	2206	rBV2	1304	1048	0.05%	0.002%
90	15.371	2206	2209	2212	rVV4	3091	4242	0.20%	0.010%
91	15.444	2214	2221	2225	rVV3	15206	29106	1.36%	0.067%
92	15.505	2225	2231	2235	rVV	112408	203227	9.48%	0.470%
93	15.560	2235	2240	2248	rVB	275847	502375	23.43%	1.163%
94	15.682	2258	2260	2261	rBV2	1452	1071	0.05%	0.002%
95	15.816	2278	2282	2287	rVB5	3876	5983	0.28%	0.014%
96	15.895	2293	2295	2297	rVB3	1701	1090	0.05%	0.003%
97	15.980	2305	2309	2310	rBV3	1569	1718	0.08%	0.004%
98	16.194	2343	2344	2346	rBV2	1160	992	0.05%	0.002%
99	16.462	2385	2388	2390	rBV4	1467	2150	0.10%	0.005%
100	16.547	2399	2402	2405	rVB5	945	1252	0.06%	0.003%

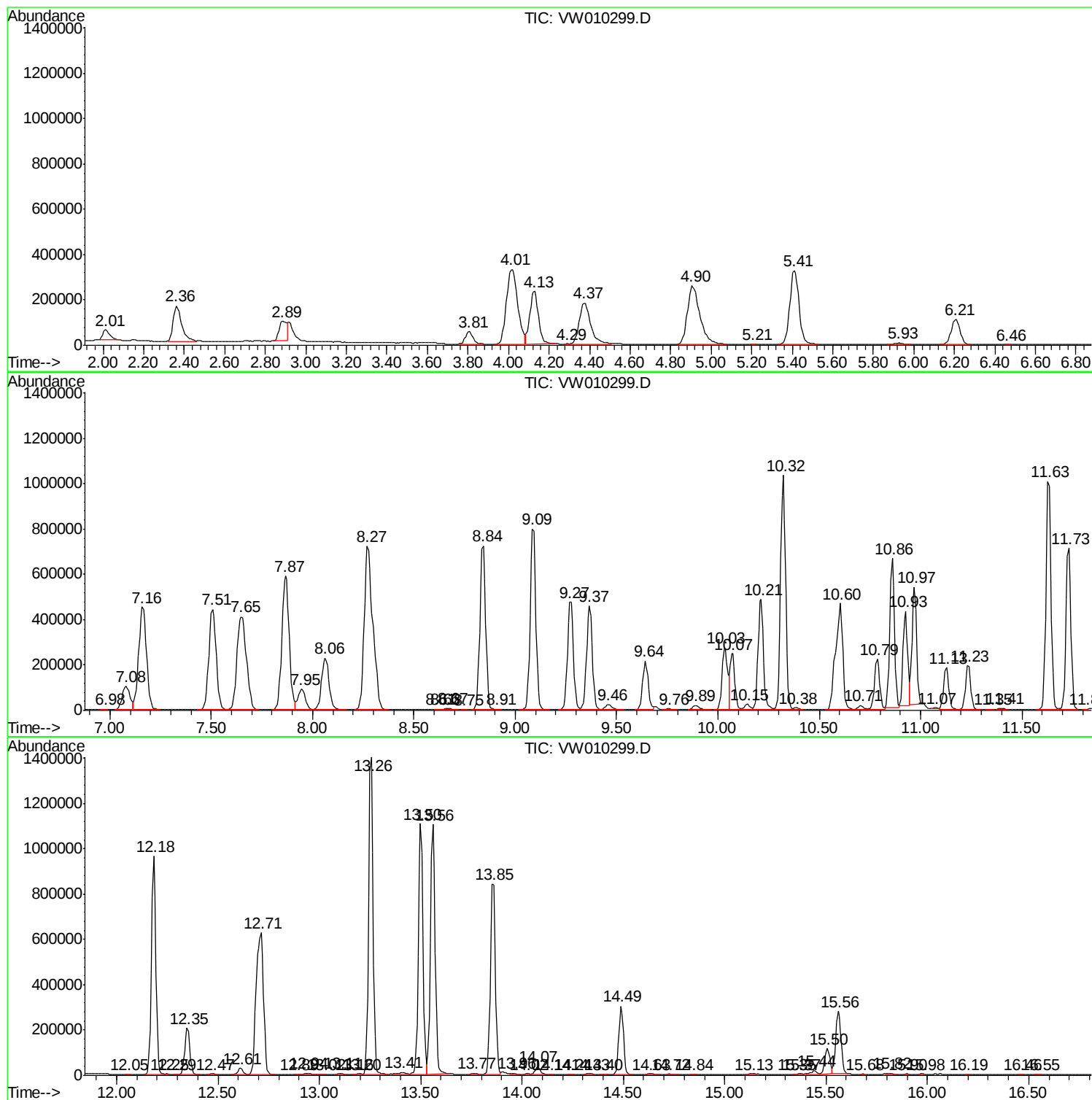
Sum of corrected areas: 43214473

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
Quant Title : VOC Analysis

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



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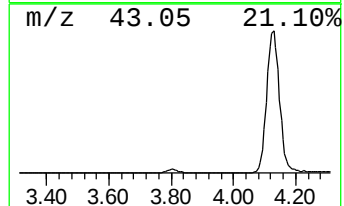
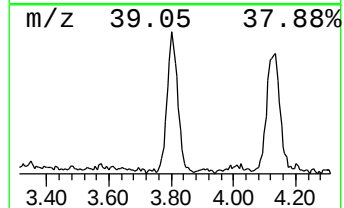
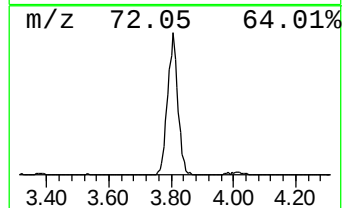
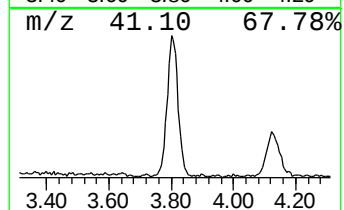
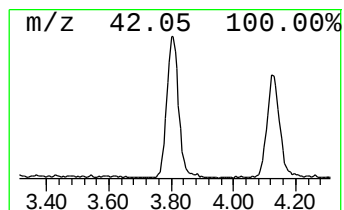
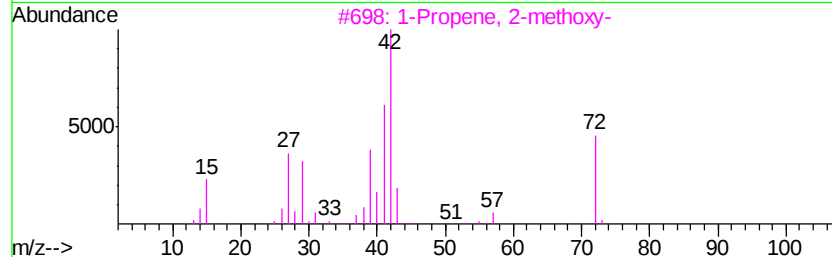
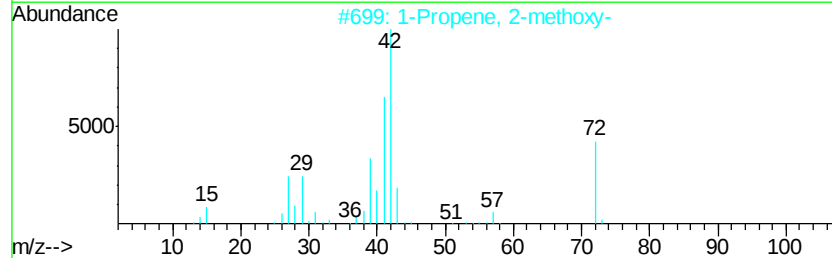
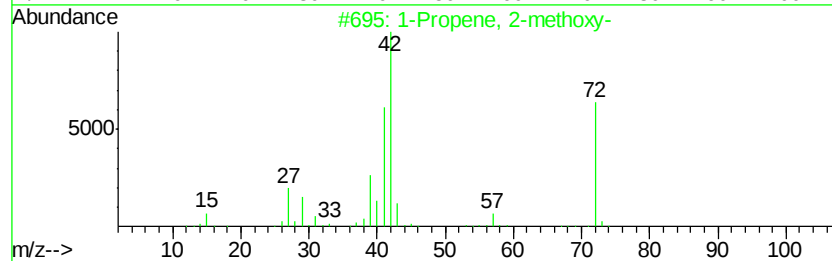
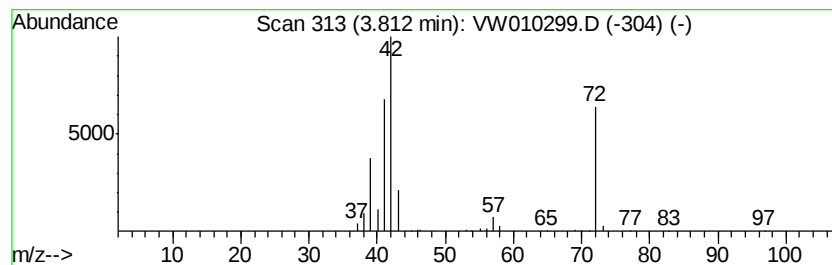
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
Quant Title : VOC Analysis

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

Peak Number 1 1-Propene, 2-methoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	2.42 ug/L	138144	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	59
2			1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	59
3			1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	59
4			Isobutylene epoxide	72	C4H8O	000558-30-5	53
5			1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	43



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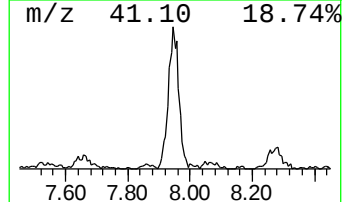
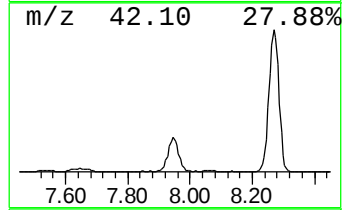
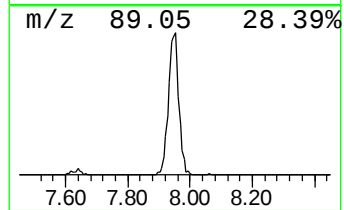
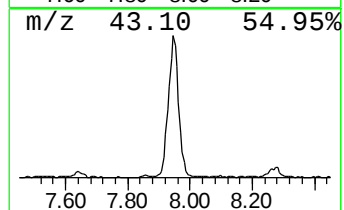
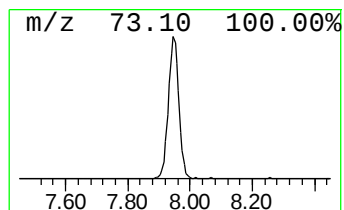
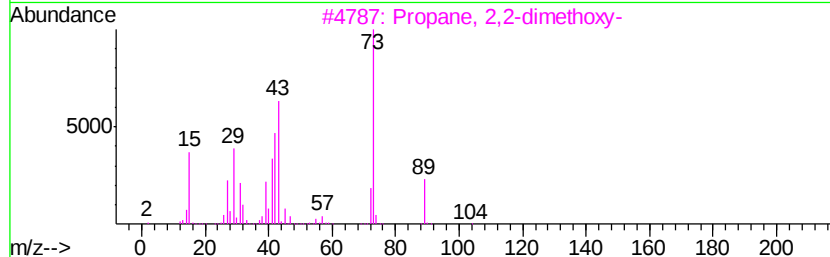
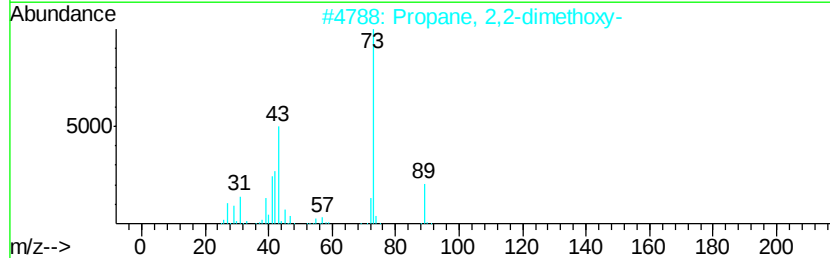
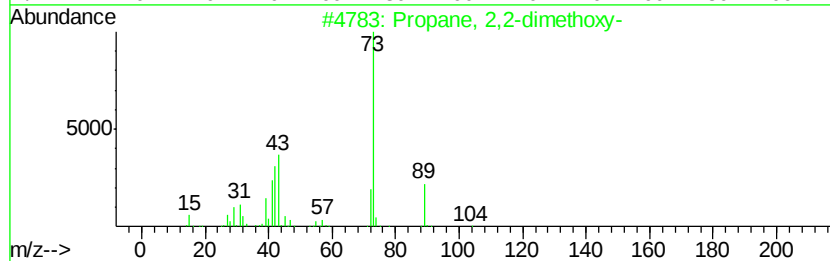
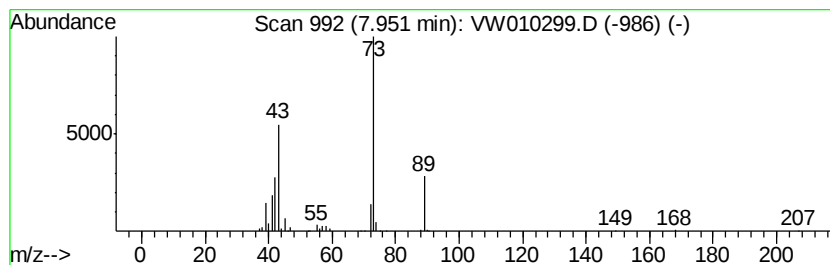
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Quant Title : VOC Analysis

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

Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	3.88 ug/L	221286	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	64
2		Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	64
3		Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
4		N-Hydroxymethylacetamide	89	C3H7NO2	000625-51-4	28
5		Pentane	72	C5H12	000109-66-0	9



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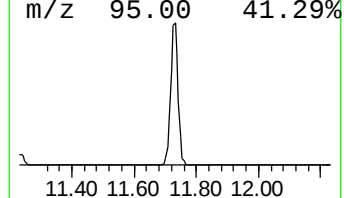
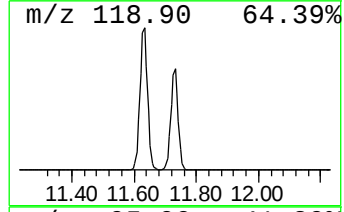
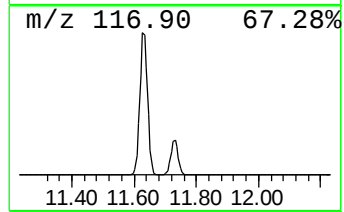
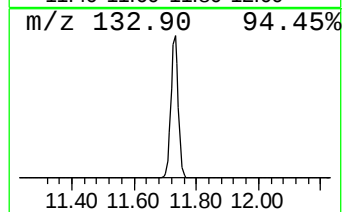
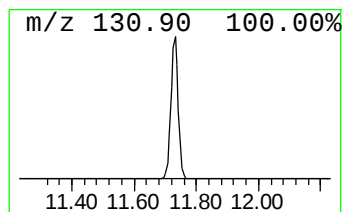
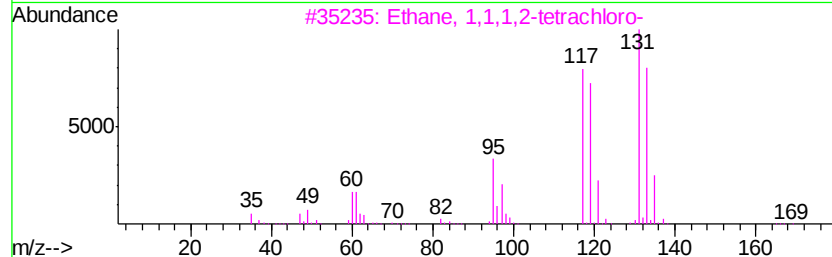
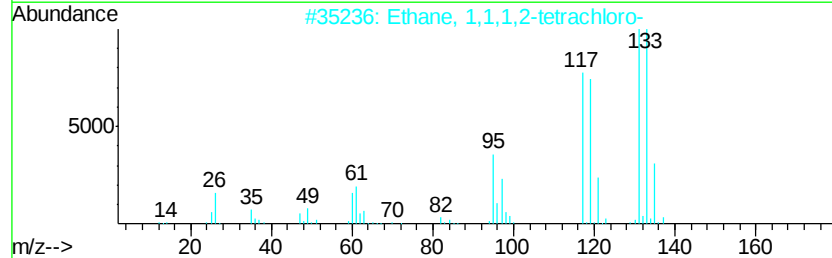
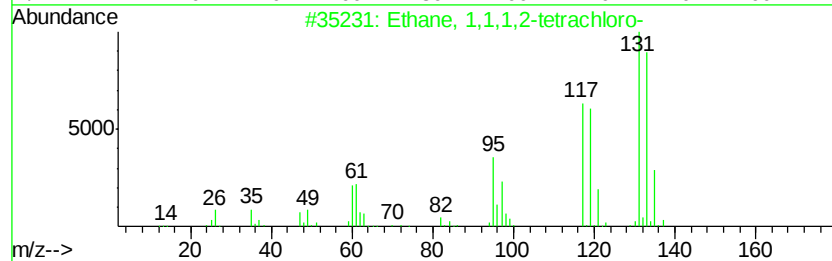
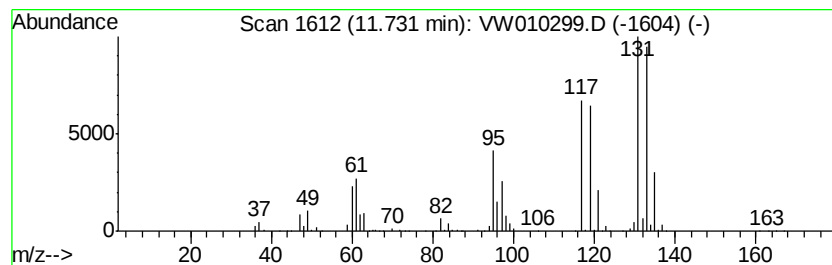
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Quant Title : VOC Analysis

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

Peak Number 3 Ethane, 1,1,1,2-tetrachloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.73	17.80 ug/L	1226910	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91	
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91	
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	86	
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	72	
5	Carbon Tetrachloride	152	CCl4	000056-23-5	10	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050719\
Data File : VW010299.D
Acq On : 07 May 2019 14:59
Operator : SY/VA
Sample : K2690-01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
A5106

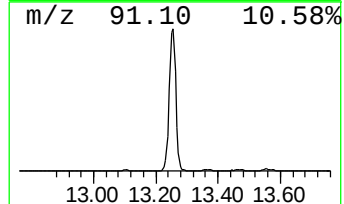
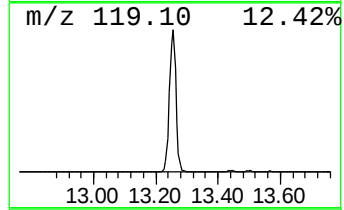
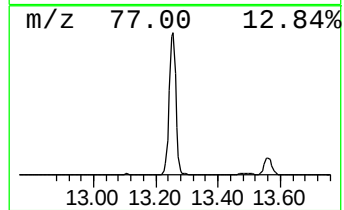
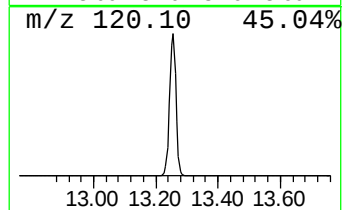
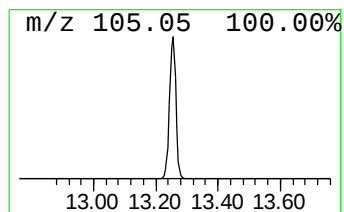
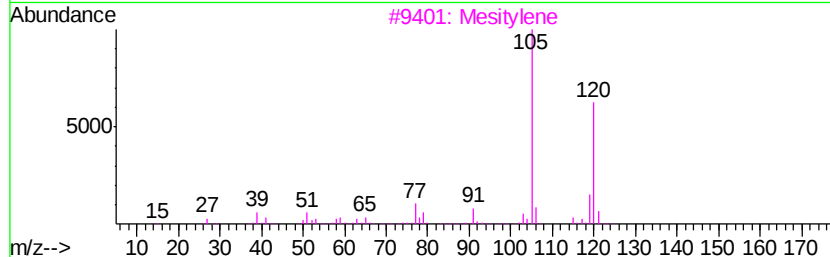
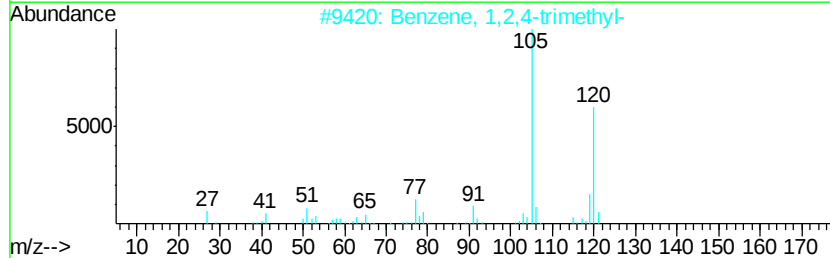
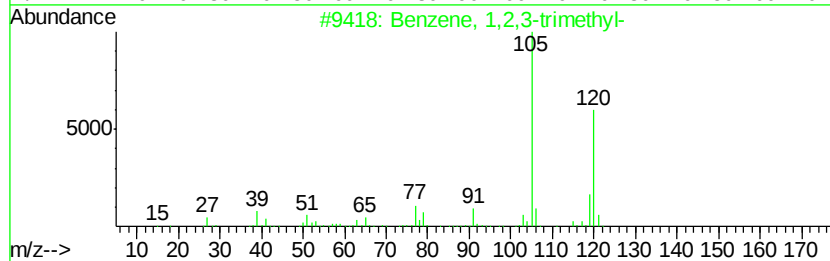
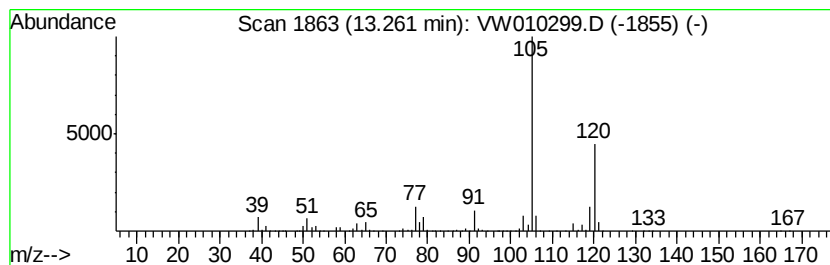
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Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	29.67 ug/L	2085840	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Mesitylene	120	C9H12	000108-67-8	94
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050719\
Data File : VW010299.D
Acq On : 07 May 2019 14:59
Operator : SY/VA
Sample : K2690-01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A5106

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.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
1-Propene, 2-meth...	3.81	2.4	ug/L	138144	1	8.84	1425330	25.0
Propane, 2,2-dime...	7.95	3.9	ug/L	221286	1	8.84	1425330	25.0
Ethane, 1,1,1,2-t...	11.73	17.8	ug/L	1226910	2	11.63	1723020	25.0
Benzene, 1,2,4-tr...	13.26	29.7	ug/L	2085840	3	13.56	1757290	25.0