

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013785.D
 Acq On : 29 Oct 2019 11:10
 Operator : SY/VA
 Sample : K5552-07
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ80

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\SOM2WLM101819S.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	1.953	6	8	12	rBV4	2530	3588	0.22%	0.013%
2	2.154	36	41	46	rBV	13641	24851	1.52%	0.090%
3	2.215	46	51	58	rVV	79492	126507	7.74%	0.457%
4	2.318	62	68	71	rVV	100035	161965	9.91%	0.584%
5	2.355	71	74	89	rVB	77208	153528	9.39%	0.554%
6	2.770	136	142	152	rVB2	37415	87400	5.35%	0.315%
7	2.879	153	160	174	rVB	51795	133369	8.16%	0.481%
8	3.007	179	181	183	rBV3	1004	787	0.05%	0.003%
9	3.257	213	222	233	rVB2	34377	90745	5.55%	0.327%
10	3.379	241	242	250	rVB4	933	1209	0.07%	0.004%
11	3.495	254	261	264	rBV2	394	796	0.05%	0.003%
12	3.678	288	291	296	rVB2	612	851	0.05%	0.003%
13	3.812	304	313	324	rBV3	13742	36833	2.25%	0.133%
14	4.038	335	350	358	rBV4	247270	909028	55.61%	3.280%
15	4.385	405	407	412	rVB3	566	717	0.04%	0.003%
16	4.666	442	453	469	rBV	58474	172327	10.54%	0.622%
17	4.916	480	494	512	rBV2	67013	252043	15.42%	0.910%
18	5.166	521	535	547	rVB3	4522	16934	1.04%	0.061%
19	5.422	562	577	592	rBV2	228362	753400	46.09%	2.719%
20	5.751	629	631	634	rVV2	628	731	0.04%	0.003%
21	5.934	655	661	669	rVV6	2813	7684	0.47%	0.028%
22	6.988	832	834	839	rVB2	612	578	0.04%	0.002%
23	7.074	839	848	854	rBV2	46009	129550	7.93%	0.468%
24	7.165	854	863	875	rVB2	255472	707571	43.29%	2.553%
25	7.513	909	920	930	rVV	112346	281002	17.19%	1.014%
26	7.641	930	941	956	rVB	191094	477025	29.18%	1.721%
27	7.866	967	978	985	rBV2	95295	247725	15.15%	0.894%
28	7.958	985	993	1002	rVV2	169328	458957	28.08%	1.656%
29	8.067	1002	1011	1025	rVB	120389	301129	18.42%	1.087%
30	8.275	1033	1045	1058	rBV2	388777	1169174	71.53%	4.219%
31	8.397	1058	1065	1075	rVB2	72461	160705	9.83%	0.580%
32	8.671	1106	1110	1118	rVB4	2166	4089	0.25%	0.015%
33	8.842	1127	1138	1148	rBV	369295	719758	44.03%	2.597%
34	9.092	1167	1179	1195	rVV	687133	1380151	84.43%	4.981%

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35	9.275	1200	1209	1213	rVV	265059	531738	32.53%	1.919%
36	9.335	1213	1219	1232	rVV2	638057	1634636	100.00%	5.899%
37	9.439	1232	1236	1248	rVB	26308	53349	3.26%	0.193%
38	9.592	1253	1261	1262	rBV3	922	1523	0.09%	0.005%
39	9.640	1262	1269	1276	rBV	205672	409022	25.02%	1.476%
40	10.037	1323	1334	1336	rBV	151152	275748	16.87%	0.995%
41	10.073	1336	1340	1347	rVV	248988	440770	26.96%	1.591%
42	10.146	1347	1352	1359	rVB3	6833	13264	0.81%	0.048%
43	10.323	1373	1381	1386	rBV	547436	971825	59.45%	3.507%
44	10.384	1386	1391	1407	rVB	677245	1203313	73.61%	4.342%
45	10.579	1415	1423	1425	rBV2	129113	226052	13.83%	0.816%
46	10.701	1436	1443	1452	rVV	113205	204890	12.53%	0.739%
47	10.860	1461	1469	1475	rBV	864587	1512903	92.55%	5.460%
48	10.921	1475	1479	1483	rVV	165639	258890	15.84%	0.934%
49	10.969	1483	1487	1492	rVB	170954	264267	16.17%	0.954%
50	11.067	1498	1503	1507	rBV	27758	41526	2.54%	0.150%
51	11.128	1507	1513	1519	rVB	187430	323702	19.80%	1.168%
52	11.439	1554	1564	1574	rVB2	30359	52464	3.21%	0.189%
53	11.628	1586	1595	1604	rBV	518264	893440	54.66%	3.224%
54	11.731	1604	1612	1622	rVB	588306	935967	57.26%	3.378%
55	11.847	1623	1631	1639	rVV	369394	605503	37.04%	2.185%
56	12.061	1663	1666	1671	rVB4	654	1080	0.07%	0.004%
57	12.164	1675	1683	1692	rBV	460727	724733	44.34%	2.615%
58	12.231	1692	1694	1699	rBV3	485	732	0.04%	0.003%
59	12.341	1709	1712	1719	rVB4	1166	1900	0.12%	0.007%
60	12.463	1725	1732	1741	rVB	519271	822864	50.34%	2.969%
61	12.609	1748	1756	1762	rBV	120908	201170	12.31%	0.726%
62	12.689	1762	1769	1773	rBV	232967	388870	23.79%	1.403%
63	12.743	1773	1778	1787	rVB	554970	917982	56.16%	3.313%
64	12.859	1795	1797	1804	rVB3	967	982	0.06%	0.004%
65	12.932	1804	1809	1817	rBV2	19647	31264	1.91%	0.113%
66	13.012	1817	1822	1825	rBV6	2393	4904	0.30%	0.018%
67	13.079	1830	1833	1836	rVB3	2160	2555	0.16%	0.009%
68	13.188	1844	1851	1856	rBV6	1137	2972	0.18%	0.011%
69	13.249	1857	1861	1864	rBV3	1864	3212	0.20%	0.012%
70	13.298	1864	1869	1879	rVB2	13423	22713	1.39%	0.082%
71	13.408	1879	1887	1893	rVB5	2986	5734	0.35%	0.021%

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72	13.499	1893	1902	1907	rBV	592186	955433	58.45%	3.448%
73	13.560	1907	1912	1924	rVB	640383	1066842	65.26%	3.850%
74	13.762	1939	1945	1948	rBV5	4663	8239	0.50%	0.030%
75	13.792	1948	1950	1953	rVV3	2912	4091	0.25%	0.015%
76	13.853	1953	1960	1973	rVV2	621000	1308322	80.04%	4.721%
77	13.951	1973	1976	1984	rVV6	2617	4128	0.25%	0.015%
78	14.024	1984	1988	1990	rVV3	1200	1775	0.11%	0.006%
79	14.072	1990	1996	2001	rVB2	31116	51074	3.12%	0.184%
80	14.207	2014	2018	2023	rVB4	1727	2253	0.14%	0.008%
81	14.329	2031	2038	2042	rBV3	6934	12306	0.75%	0.044%
82	14.487	2057	2064	2075	rBV	69901	122272	7.48%	0.441%
83	14.627	2080	2087	2095	rBV	732884	1157954	70.84%	4.179%
84	14.719	2098	2102	2108	rVB6	3118	5000	0.31%	0.018%
85	15.042	2152	2155	2156	rBV2	661	768	0.05%	0.003%
86	15.133	2162	2170	2173	rBV7	2613	5538	0.34%	0.020%
87	15.176	2173	2177	2179	rVB4	899	1065	0.07%	0.004%
88	15.438	2213	2220	2225	rVV2	14736	24471	1.50%	0.088%
89	15.493	2225	2229	2234	rVB2	2688	4461	0.27%	0.016%
90	15.536	2234	2236	2238	rBV2	1347	1378	0.08%	0.005%
91	15.560	2238	2240	2243	rVB3	1744	2001	0.12%	0.007%
92	15.658	2251	2256	2259	rBV6	935	1897	0.12%	0.007%
93	15.682	2259	2260	2261	rBV	1126	746	0.05%	0.003%
94	15.767	2271	2274	2277	rBV5	1095	1472	0.09%	0.005%
95	15.847	2285	2287	2290	rVB3	890	1054	0.06%	0.004%
96	15.968	2303	2307	2309	rBV4	968	1229	0.08%	0.004%
97	16.084	2323	2326	2328	rBV4	720	1062	0.06%	0.004%
98	16.188	2341	2343	2345	rBV2	1011	1077	0.07%	0.004%
99	16.218	2345	2348	2349	rVV2	715	702	0.04%	0.003%
100	16.432	2380	2383	2384	rBV2	901	888	0.05%	0.003%

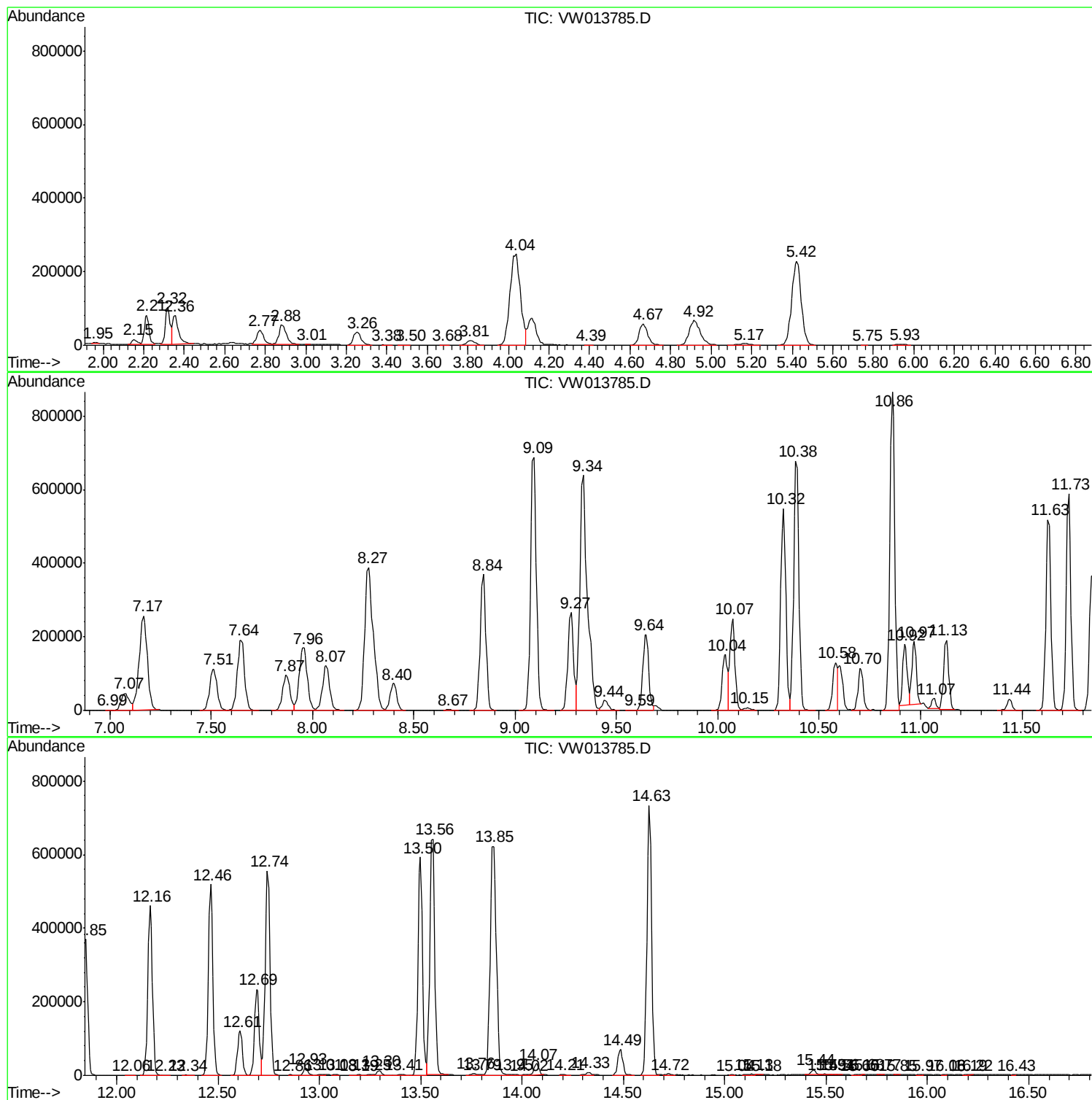
Sum of corrected areas: 27710664

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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



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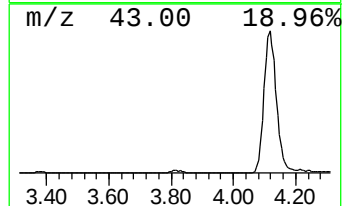
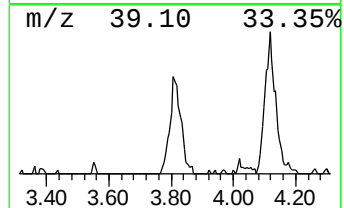
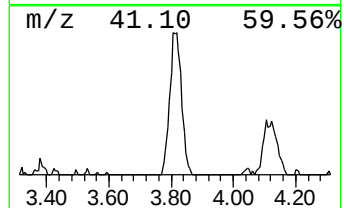
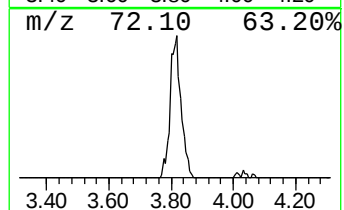
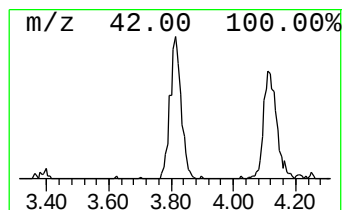
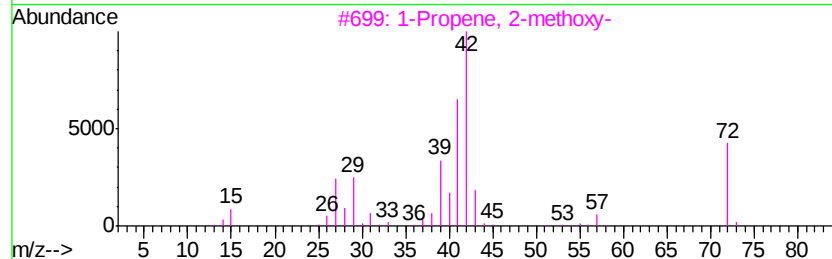
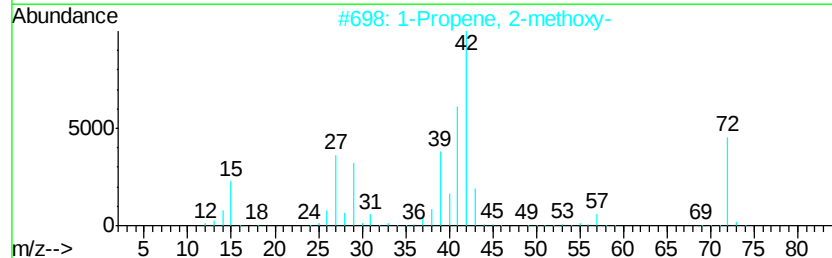
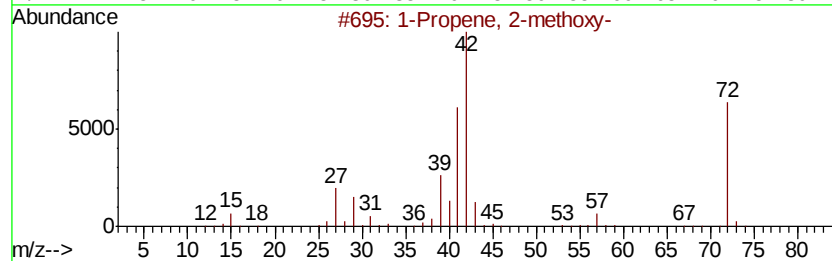
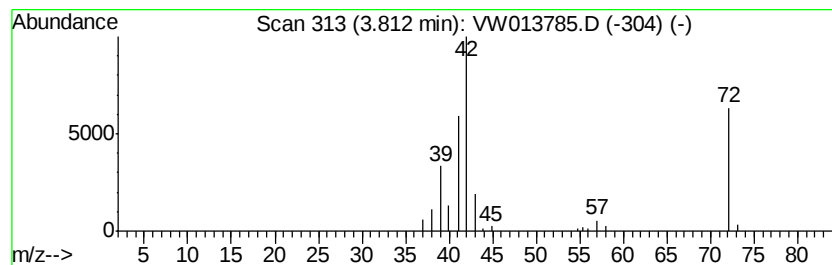
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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

Peak Number 1 1-Propene, 2-methoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	1.28 ug/L	36833	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	86
2			1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	86
3			1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	64
4			Isobutylene epoxide	72	C4H8O	000558-30-5	56
5			Isobutylene epoxide	72	C4H8O	000558-30-5	39



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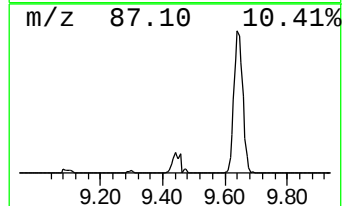
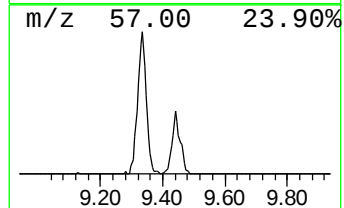
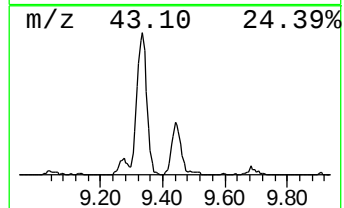
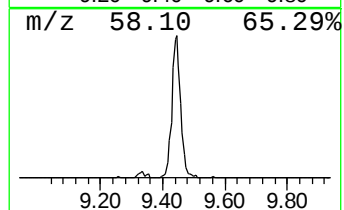
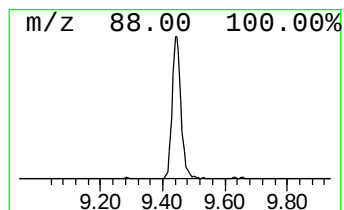
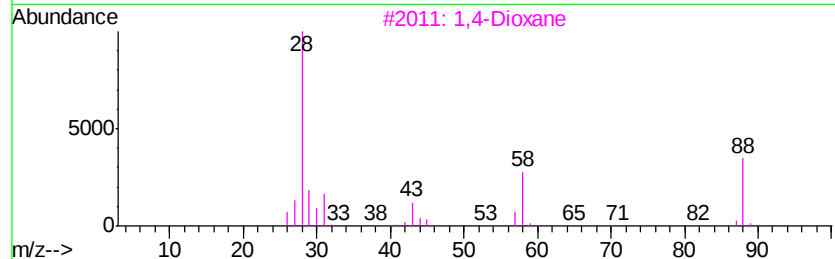
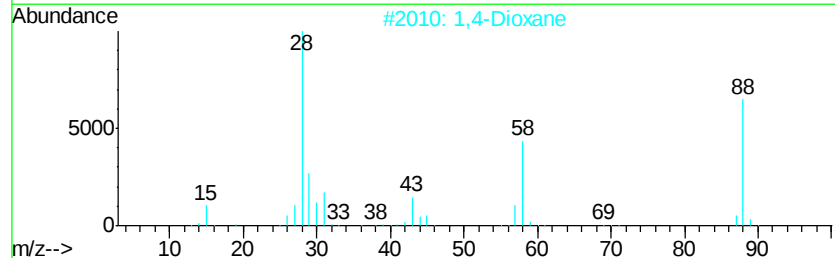
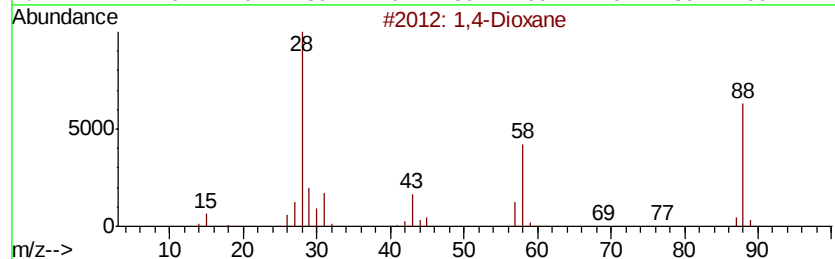
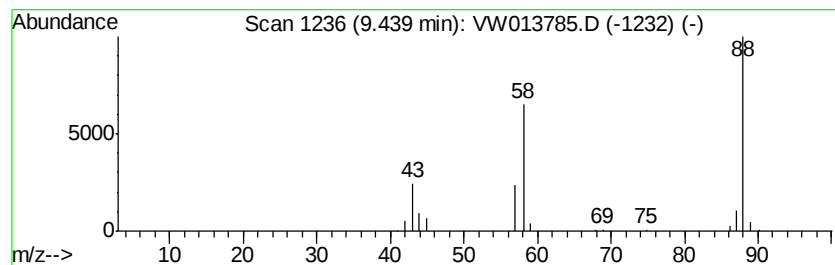
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Quant Title : VOC Analysis

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

Peak Number 2 1,4-Dioxane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	1.85 ug/L	53349	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dioxane	88	C4H8O2	000123-91-1	91
2			1,4-Dioxane	88	C4H8O2	000123-91-1	86
3			1,4-Dioxane	88	C4H8O2	000123-91-1	83
4			1,4-Dioxane	88	C4H8O2	000123-91-1	59
5			Urea, N,N'-dimethyl-	88	C3H8N2O	000096-31-1	50



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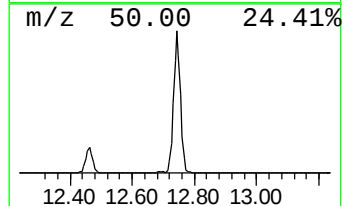
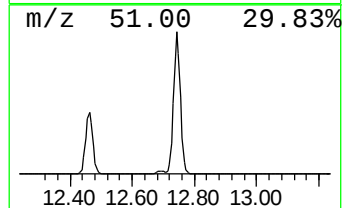
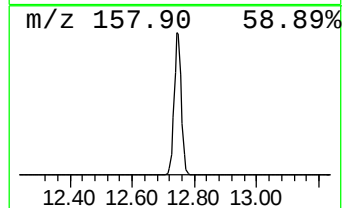
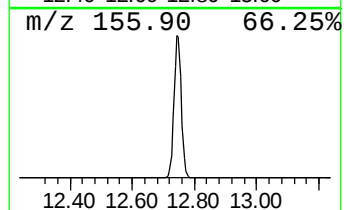
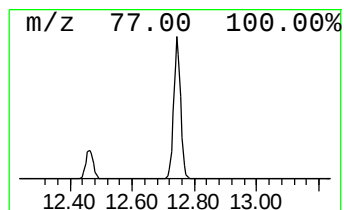
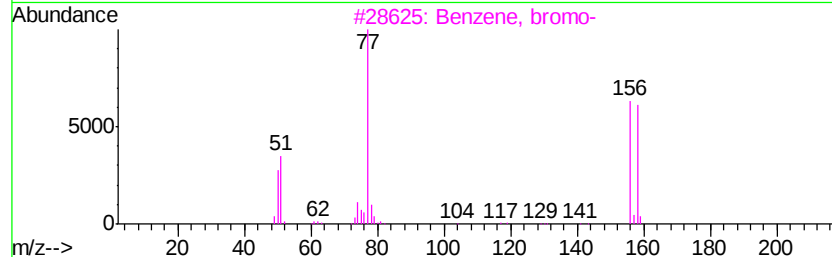
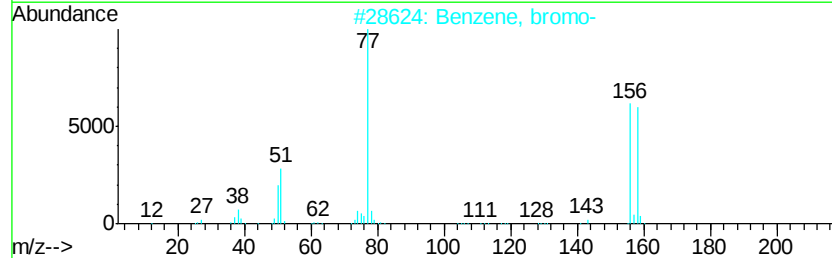
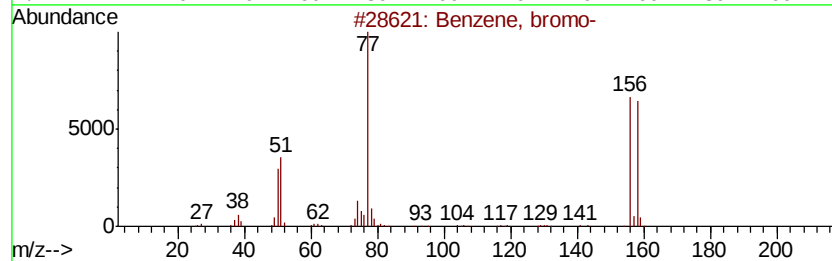
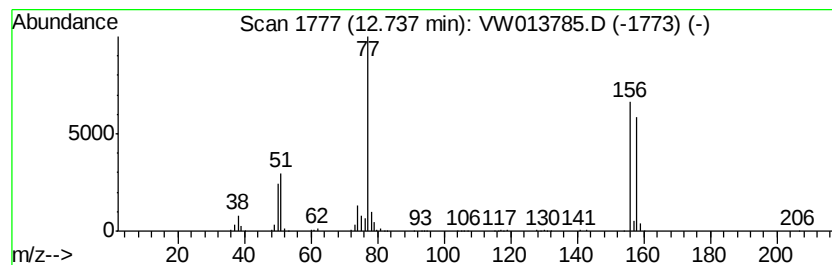
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Peak Number 6 Benzene, bromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	21.51 ug/L	917982	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, bromo-	156	C6H5Br	000108-86-1	97
2		Benzene, bromo-	156	C6H5Br	000108-86-1	97
3		Benzene, bromo-	156	C6H5Br	000108-86-1	96
4		Benzene, bromo-	156	C6H5Br	000108-86-1	96
5		Benzene, bromo-	156	C6H5Br	000108-86-1	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102919\
Data File : VW013785.D
Acq On : 29 Oct 2019 11:10
Operator : SY/VA
Sample : K5552-07
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAQ80

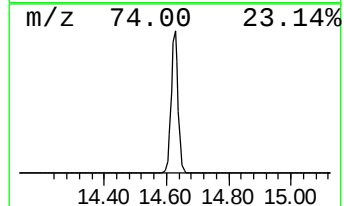
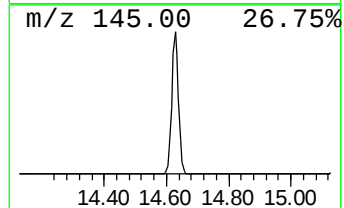
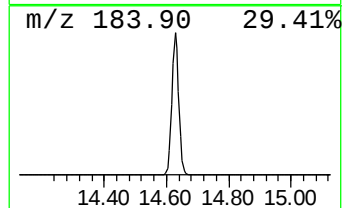
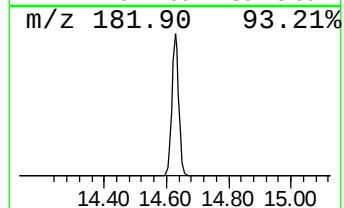
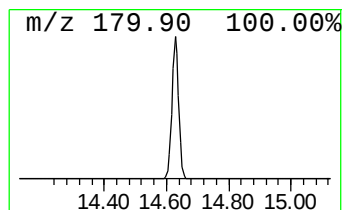
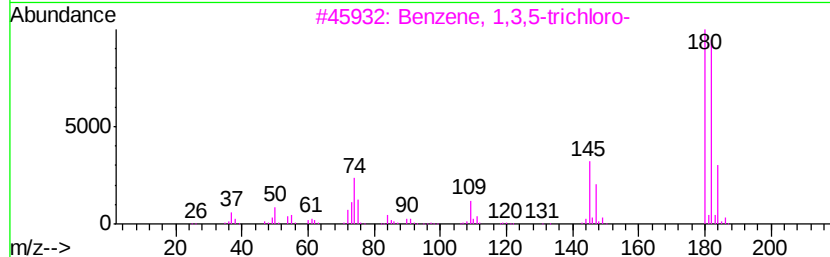
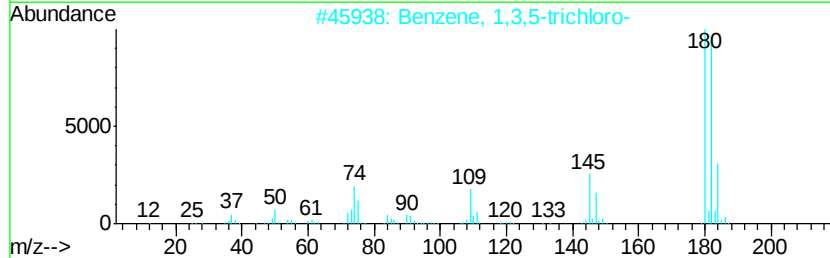
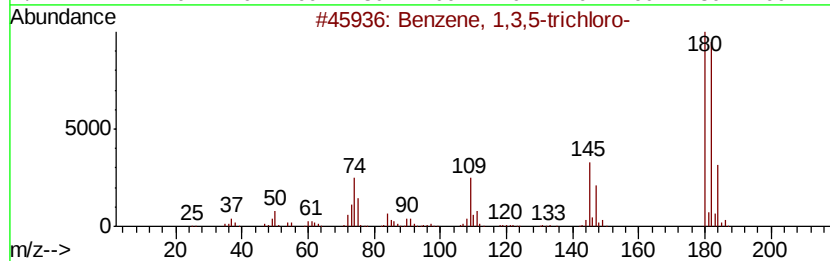
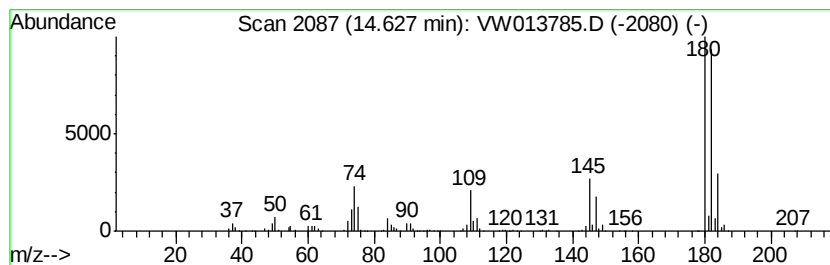
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	27.14 ug/L	1157950	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
4		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97
5		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102919\
Data File : VW013785.D
Acq On : 29 Oct 2019 11:10
Operator : SY/VA
Sample : K5552-07
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAQ80

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.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	1.3	ug/L	36833	1	8.84	719758	25.0
1,4-Dioxane	9.44	1.9	ug/L	53349	1	8.84	719758	25.0
Benzene, bromo-	12.74	21.5	ug/L	917982	3	13.56	1066840	25.0
Benzene, 1,3,5-tr...	14.63	27.1	ug/L	1157950	3	13.56	1066840	25.0