

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015452.D
 Acq On : 22 May 2020 15:05
 Operator : SY/VA
 Sample : L2753-04
 Misc : 5.85G/10.0mL/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXE5

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\SOM2WLM050420S.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	1.959	3	9	22	rBV2	51122	182815	17.84%	2.378%
2	2.160	37	42	56	rBV	67817	158192	15.44%	2.058%
3	2.361	70	75	83	rBV	43842	99245	9.69%	1.291%
4	2.898	158	163	176	rVB	50772	129998	12.69%	1.691%
5	3.940	332	334	336	rBV3	339	345	0.03%	0.004%
6	4.013	336	346	359	rVV	96862	300690	29.34%	3.912%
7	4.123	360	364	376	rVB	8591	21436	2.09%	0.279%
8	4.391	398	408	418	rBV3	5106	16408	1.60%	0.213%
9	4.519	428	429	431	rBV	461	357	0.03%	0.005%
10	5.934	654	661	671	rVB2	1361	4381	0.43%	0.057%
11	6.263	708	715	723	rBV4	714	2350	0.23%	0.031%
12	6.580	765	767	768	rVV2	588	475	0.05%	0.006%
13	6.604	768	771	780	rVB5	1246	2575	0.25%	0.033%
14	6.702	785	787	791	rVB	293	356	0.03%	0.005%
15	6.903	814	820	822	rBV4	468	943	0.09%	0.012%
16	7.080	839	849	856	rBV	45136	123607	12.06%	1.608%
17	7.257	870	878	889	rVB	101168	250277	24.42%	3.256%
18	7.653	932	943	953	rBV	179807	439251	42.87%	5.714%
19	7.958	982	993	1001	rBV5	2928	8177	0.80%	0.106%
20	8.275	1034	1045	1062	rBV2	327782	1024697	100.00%	13.330%
21	8.555	1082	1091	1095	rBV3	1050	2343	0.23%	0.030%
22	8.634	1101	1104	1108	rVB3	519	765	0.07%	0.010%
23	8.695	1108	1114	1115	rBV3	1391	1959	0.19%	0.025%
24	8.842	1130	1138	1149	rBV	369735	724632	70.72%	9.426%
25	9.037	1164	1170	1171	rBV2	1429	1954	0.19%	0.025%
26	9.086	1172	1178	1188	rVB4	11688	25775	2.52%	0.335%
27	9.275	1199	1209	1218	rBV	247227	507319	49.51%	6.600%
28	9.415	1228	1232	1237	rVB3	833	1362	0.13%	0.018%
29	9.598	1258	1262	1265	rVB4	394	494	0.05%	0.006%
30	9.659	1265	1272	1279	rBV3	3115	6782	0.66%	0.088%
31	9.750	1284	1287	1292	rVB4	291	423	0.04%	0.006%
32	9.957	1318	1321	1324	rBV	372	319	0.03%	0.004%
33	10.037	1324	1334	1342	rBV	138886	250409	24.44%	3.257%
34	10.122	1345	1348	1351	rBV4	1424	1956	0.19%	0.025%

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 Title : VOC Analysis

35	10.207	1360	1362	1365	rVB4	336	365	0.04%	0.005%
36	10.232	1365	1366	1370	rVB	339	315	0.03%	0.004%
37	10.323	1373	1381	1387	rBV	433501	771889	75.33%	10.041%
38	10.384	1387	1391	1399	rVV	37313	68519	6.69%	0.891%
39	10.494	1403	1409	1416	rBV6	1360	3048	0.30%	0.040%
40	10.579	1416	1423	1432	rBV	91221	157608	15.38%	2.050%
41	10.646	1432	1434	1436	rVV3	421	534	0.05%	0.007%
42	10.707	1437	1444	1451	rVB	41404	74279	7.25%	0.966%
43	10.860	1462	1469	1474	rVV2	9998	18092	1.77%	0.235%
44	10.927	1474	1480	1490	rVB	172895	297280	29.01%	3.867%
45	11.079	1499	1505	1510	rVB5	2346	4564	0.45%	0.059%
46	11.122	1510	1512	1516	rVB4	393	347	0.03%	0.005%
47	11.177	1516	1521	1525	rVB5	586	1063	0.10%	0.014%
48	11.335	1543	1547	1548	rBV	397	402	0.04%	0.005%
49	11.414	1554	1560	1564	rBV3	400	720	0.07%	0.009%
50	11.634	1587	1596	1606	rBV	408471	707188	69.01%	9.200%
51	11.707	1606	1608	1609	rBV	802	674	0.07%	0.009%
52	11.841	1622	1630	1635	rBV4	3637	7826	0.76%	0.102%
53	11.896	1637	1639	1644	rVV5	1449	1902	0.19%	0.025%
54	11.945	1644	1647	1654	rVB4	377	717	0.07%	0.009%
55	12.103	1666	1673	1675	rBV2	669	1208	0.12%	0.016%
56	12.170	1679	1684	1689	rVV3	1475	2388	0.23%	0.031%
57	12.341	1707	1712	1716	rBV5	914	1774	0.17%	0.023%
58	12.426	1723	1726	1728	rBV3	286	373	0.04%	0.005%
59	12.469	1732	1733	1734	rVV	589	296	0.03%	0.004%
60	12.524	1737	1742	1743	rVV2	429	599	0.06%	0.008%
61	12.567	1743	1749	1750	rVV5	696	1348	0.13%	0.018%
62	12.609	1750	1756	1763	rVV2	59634	98102	9.57%	1.276%
63	12.695	1763	1770	1779	rVV	200799	337839	32.97%	4.395%
64	12.768	1779	1782	1783	rVV2	418	373	0.04%	0.005%
65	12.804	1783	1788	1791	rVV2	373	537	0.05%	0.007%
66	12.865	1795	1798	1801	rVV3	911	1408	0.14%	0.018%
67	12.896	1801	1803	1805	rVV	806	859	0.08%	0.011%
68	12.932	1805	1809	1816	rVV4	1346	2774	0.27%	0.036%
69	13.091	1830	1835	1836	rBV3	301	532	0.05%	0.007%
70	13.195	1850	1852	1854	rBV2	460	445	0.04%	0.006%
71	13.249	1857	1861	1864	rBV3	2691	4668	0.46%	0.061%

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72	13.402	1880	1886	1890	rBV3	1889	3261	0.32%	0.042%
73	13.469	1894	1897	1901	rVV3	385	528	0.05%	0.007%
74	13.499	1901	1902	1904	rVV2	561	482	0.05%	0.006%
75	13.560	1905	1912	1920	rVV	226820	369558	36.07%	4.807%
76	13.652	1922	1927	1933	rVV2	5418	8868	0.87%	0.115%
77	13.762	1941	1945	1948	rBV4	564	974	0.10%	0.013%
78	13.804	1948	1952	1953	rBV4	541	468	0.05%	0.006%
79	13.853	1953	1960	1970	rVV	200343	328301	32.04%	4.271%
80	13.957	1974	1977	1979	rBV4	333	414	0.04%	0.005%
81	14.072	1990	1996	2004	rVB	26132	43303	4.23%	0.563%
82	14.133	2004	2006	2009	rBV3	409	486	0.05%	0.006%
83	14.164	2009	2011	2015	rVB3	482	579	0.06%	0.008%
84	14.261	2025	2027	2030	rBV3	316	357	0.03%	0.005%
85	14.328	2034	2038	2043	rVB5	3567	6225	0.61%	0.081%
86	14.414	2051	2052	2056	rVB3	391	328	0.03%	0.004%
87	14.493	2063	2065	2066	rBV2	322	335	0.03%	0.004%
88	14.524	2066	2070	2071	rVV4	450	596	0.06%	0.008%
89	14.627	2084	2087	2091	rBV3	424	560	0.05%	0.007%
90	14.688	2093	2097	2099	rBV2	585	702	0.07%	0.009%
91	14.987	2144	2146	2148	rVB	376	294	0.03%	0.004%
92	15.182	2174	2178	2183	rBV7	1262	1976	0.19%	0.026%
93	15.316	2198	2200	2204	rVB3	556	686	0.07%	0.009%
94	15.371	2206	2209	2212	rBV3	590	964	0.09%	0.013%
95	15.493	2222	2229	2235	rBV	27359	48857	4.77%	0.636%
96	15.645	2253	2254	2257	rBV2	347	452	0.04%	0.006%
97	15.956	2303	2305	2306	rBV2	486	516	0.05%	0.007%
98	16.200	2343	2345	2348	rBV3	421	485	0.05%	0.006%
99	16.432	2382	2383	2384	rBV	657	377	0.04%	0.005%
100	16.602	2409	2411	2413	rBV3	408	368	0.04%	0.005%

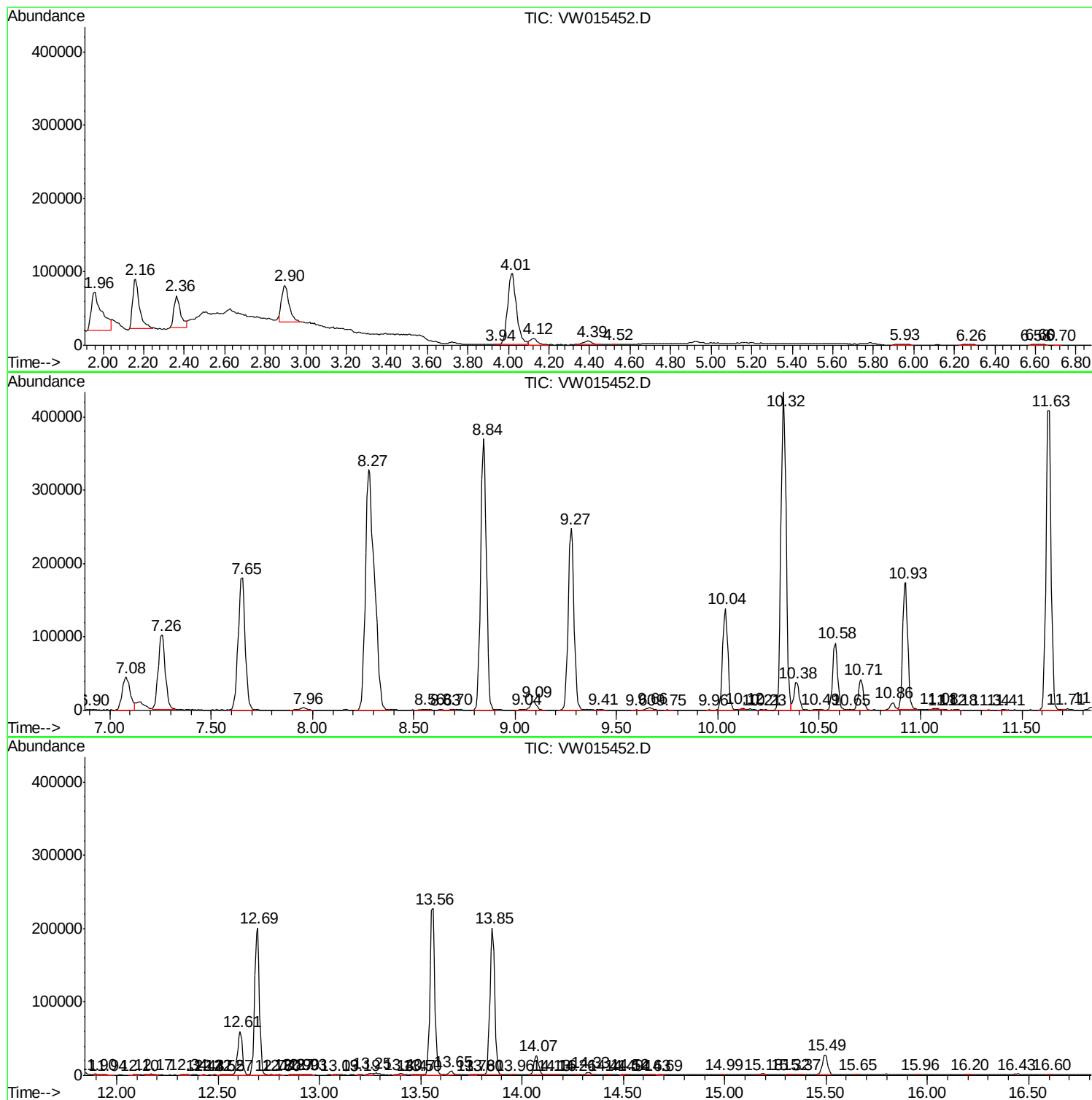
Sum of corrected areas: 7687222

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
Quant Title : VOC Analysis

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



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Instrument :
MSVOA_W
ClientSampled :
GAXE5

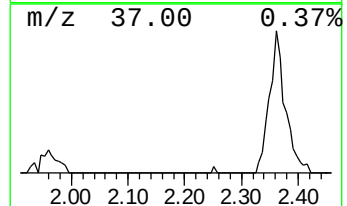
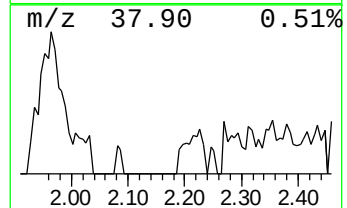
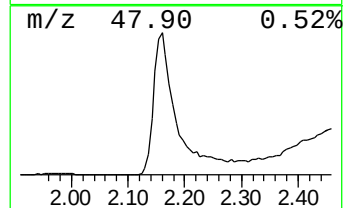
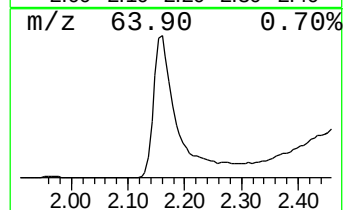
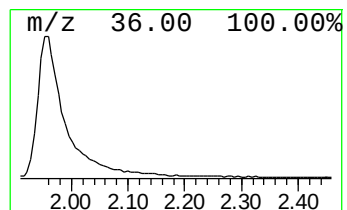
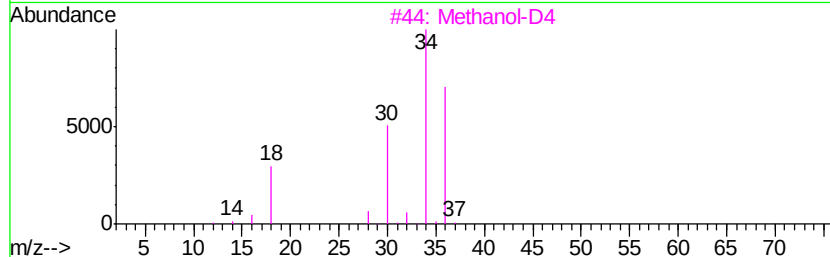
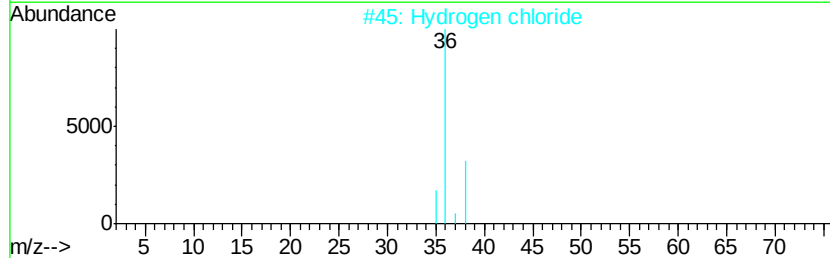
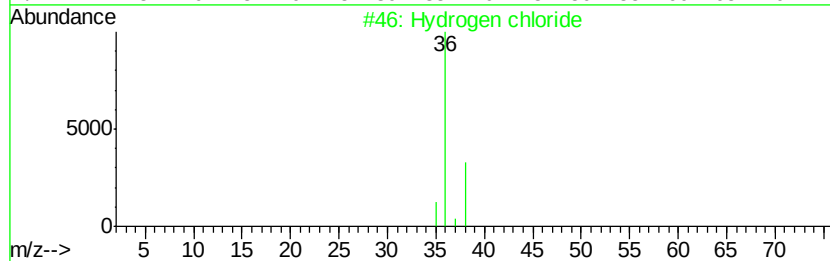
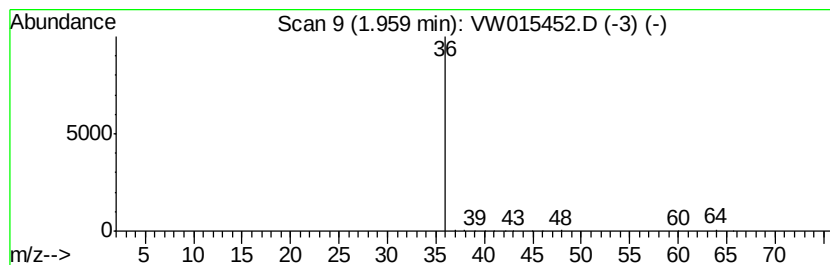
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
Quant Title : VOC Analysis

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

Peak Number 1 Hydrogen chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	6.31 ug/L	182815	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hydrogen chloride	36	ClH	007647-01-0	2
2			Hydrogen chloride	36	ClH	007647-01-0	2
3			Methanol-D4	36	CD4O	000811-98-3	2
4			Ammonium Chloride	53	ClH4N	012125-02-9	1
5			2-Chloroethylamine	79	C2H6ClN	000689-98-5	1



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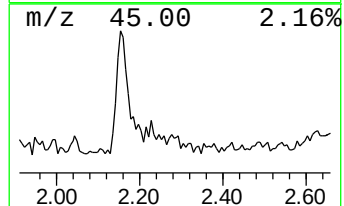
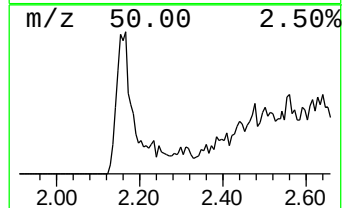
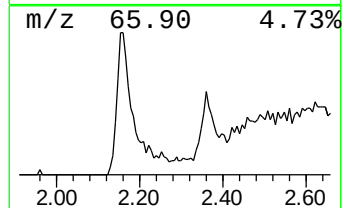
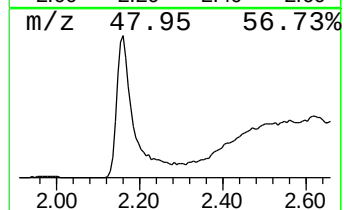
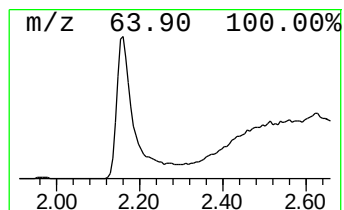
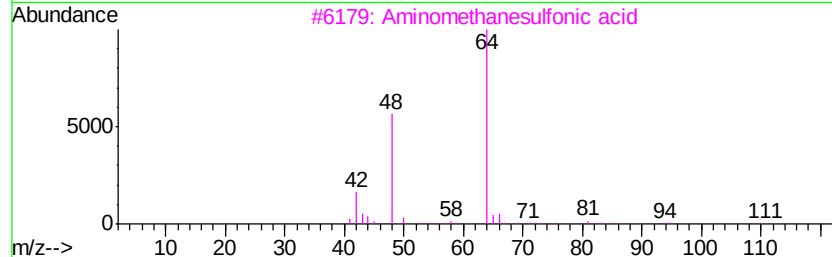
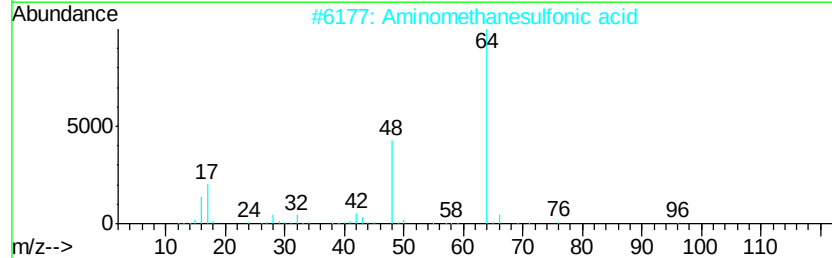
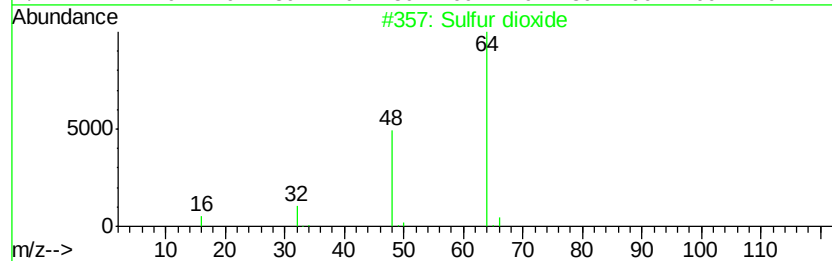
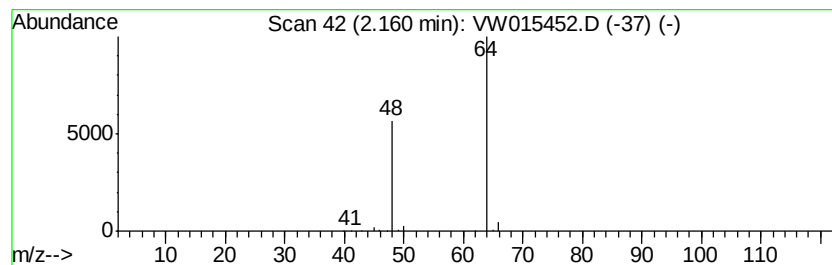
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Quant Title : VOC Analysis

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

Peak Number 2 Sulfur dioxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	5.46 ug/L	158192	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	83
2		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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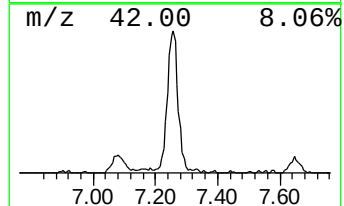
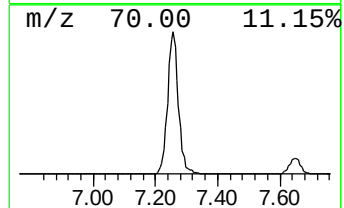
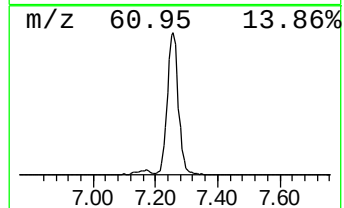
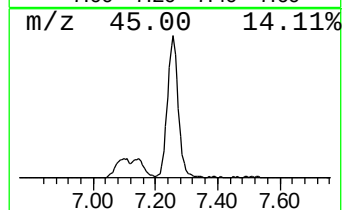
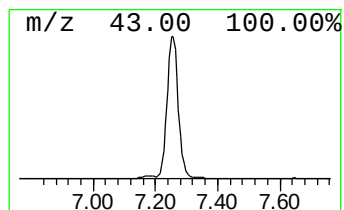
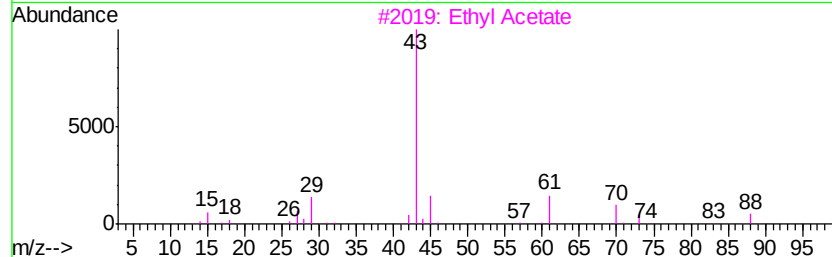
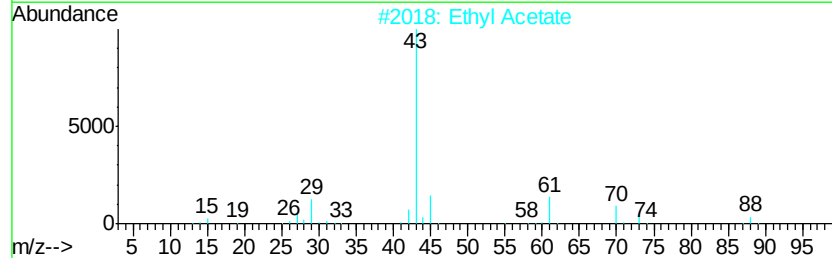
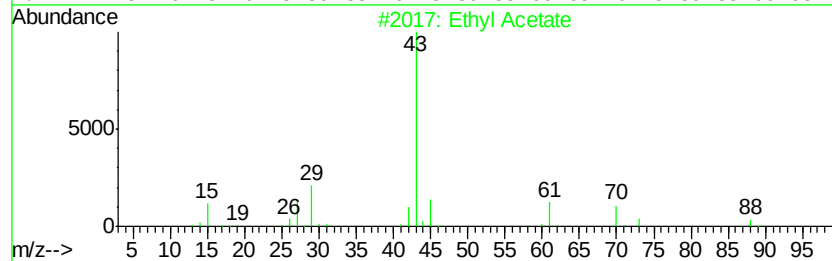
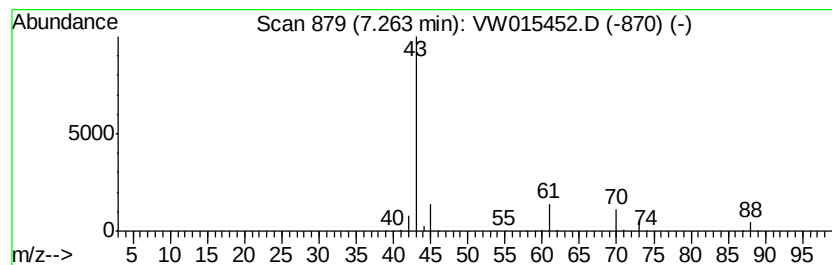
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Quant Title : VOC Analysis

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

Peak Number 3 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	8.63 ug/L	250277	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2		Ethyl Acetate	88	C4H8O2	000141-78-6	90
3		Ethyl Acetate	88	C4H8O2	000141-78-6	78
4		Ethyl Acetate	88	C4H8O2	000141-78-6	59
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	50



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAXE5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.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
Hydrogen chloride	1.96	6.3	ug/L	182815	1	8.84	724632	25.0
Sulfur dioxide	2.16	5.5	ug/L	158192	1	8.84	724632	25.0
Ethyl Acetate	7.26	8.6	ug/L	250277	1	8.84	724632	25.0