

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110920\
 Data File : VW017122.D
 Acq On : 09 Nov 2020 17:52
 Operator : SY/VA
 Sample : L4673-04
 Misc : 6.43G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0S5

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\SOM2WLM110420S.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	1.995	11	15	28	rVB	32957	71724	4.48%	0.476%
2	2.355	67	74	86	rBV	130954	250531	15.66%	1.662%
3	2.501	92	98	108	rBV	40747	92441	5.78%	0.613%
4	2.898	155	163	175	rVB	85915	209039	13.06%	1.387%
5	3.032	181	185	191	rVB5	3523	7023	0.44%	0.047%
6	3.306	226	230	236	rVB5	926	1895	0.12%	0.013%
7	3.391	236	244	256	rBV2	14017	34142	2.13%	0.226%
8	3.550	267	270	273	rBV2	331	535	0.03%	0.004%
9	3.733	295	300	304	rVB3	542	898	0.06%	0.006%
10	3.891	324	326	327	rBV	514	513	0.03%	0.003%
11	4.019	334	347	359	rBV2	212079	683279	42.70%	4.532%
12	4.135	359	366	382	rVB	41537	124313	7.77%	0.825%
13	4.251	382	385	386	rBV3	617	527	0.03%	0.003%
14	4.391	400	408	416	rBV2	2443	6855	0.43%	0.045%
15	4.922	484	495	510	rBV4	6895	27870	1.74%	0.185%
16	5.434	574	579	586	rVB5	942	2203	0.14%	0.015%
17	5.793	626	638	652	rBV2	11958	38275	2.39%	0.254%
18	5.946	652	663	674	rVB3	11163	35417	2.21%	0.235%
19	6.123	687	692	696	rVB4	925	1491	0.09%	0.010%
20	6.275	714	717	720	rVV3	466	607	0.04%	0.004%
21	6.616	769	773	775	rBV3	439	658	0.04%	0.004%
22	6.903	809	820	832	rBV	62662	182263	11.39%	1.209%
23	7.086	841	850	857	rBV	37934	107538	6.72%	0.713%
24	7.177	859	865	871	rVV3	31314	87623	5.48%	0.581%
25	7.256	871	878	890	rVB	84224	207990	13.00%	1.380%
26	7.549	923	926	930	rVB4	656	852	0.05%	0.006%
27	7.653	932	943	956	rBV	275016	669948	41.87%	4.444%
28	7.939	983	990	1000	rVB7	1885	6079	0.38%	0.040%
29	8.037	1002	1006	1010	rBV2	371	556	0.03%	0.004%
30	8.153	1022	1025	1028	rBV3	507	672	0.04%	0.004%
31	8.281	1034	1046	1062	rBV2	543884	1600096	100.00%	10.614%
32	8.555	1084	1091	1103	rVB	20437	47622	2.98%	0.316%
33	8.701	1108	1115	1127	rBV3	21599	54346	3.40%	0.360%
34	8.848	1130	1139	1152	rBV	590392	1189567	74.34%	7.891%

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35	9.061	1165	1174	1176	rBV5	3140	6776	0.42%	0.045%
36	9.281	1201	1210	1219	rBV	343954	712923	44.56%	4.729%
37	9.409	1225	1231	1247	rVB	147946	283053	17.69%	1.878%
38	9.561	1254	1256	1261	rVB3	923	1088	0.07%	0.007%
39	9.665	1269	1273	1281	rBV4	1135	2139	0.13%	0.014%
40	9.750	1284	1287	1290	rVB3	365	547	0.03%	0.004%
41	9.963	1317	1322	1326	rBV5	1816	3219	0.20%	0.021%
42	10.036	1326	1334	1342	rBV	197915	353569	22.10%	2.345%
43	10.329	1372	1382	1389	rBV	814572	1450292	90.64%	9.620%
44	10.390	1389	1392	1404	rVV	16869	31823	1.99%	0.211%
45	10.506	1406	1411	1416	rVV3	8145	12695	0.79%	0.084%
46	10.579	1416	1423	1429	rVV	123673	223369	13.96%	1.482%
47	10.634	1429	1432	1438	rVV	14442	27158	1.70%	0.180%
48	10.707	1438	1444	1458	rVB2	22272	45553	2.85%	0.302%
49	10.859	1464	1469	1473	rBV5	1923	3570	0.22%	0.024%
50	10.927	1473	1480	1492	rVV	163039	276986	17.31%	1.837%
51	11.073	1497	1504	1519	rVV	390075	623368	38.96%	4.135%
52	11.219	1524	1528	1533	rVB5	1025	2070	0.13%	0.014%
53	11.359	1544	1551	1554	rBV5	568	810	0.05%	0.005%
54	11.420	1556	1561	1565	rBV4	2045	3499	0.22%	0.023%
55	11.512	1571	1576	1579	rBV3	568	945	0.06%	0.006%
56	11.634	1589	1596	1607	rBV	860183	1414031	88.37%	9.379%
57	11.731	1608	1612	1617	rVB3	2594	4606	0.29%	0.031%
58	11.841	1625	1630	1636	rVB4	7648	12216	0.76%	0.081%
59	11.951	1640	1648	1655	rBV2	10751	20301	1.27%	0.135%
60	12.024	1656	1660	1667	rVB5	1807	3630	0.23%	0.024%
61	12.097	1667	1672	1673	rBV4	1044	1402	0.09%	0.009%
62	12.170	1678	1684	1686	rBV5	2098	2882	0.18%	0.019%
63	12.237	1691	1695	1703	rVB5	2040	4527	0.28%	0.030%
64	12.341	1706	1712	1725	rBV	126551	201156	12.57%	1.334%
65	12.457	1730	1731	1736	rVB3	1134	1508	0.09%	0.010%
66	12.512	1736	1740	1746	rBV5	2232	4025	0.25%	0.027%
67	12.609	1746	1756	1761	rVB2	32545	56356	3.52%	0.374%
68	12.695	1763	1770	1778	rVB	290460	476859	29.80%	3.163%
69	12.755	1778	1780	1784	rVB4	1293	1583	0.10%	0.011%
70	12.816	1787	1790	1794	rVB4	640	966	0.06%	0.006%
71	12.938	1801	1810	1812	rBV	35608	57611	3.60%	0.382%

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Integration Parameters: LSCINT.P

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72	12.969	1812	1815	1824	rVB	32660	52193	3.26%	0.346%
73	13.054	1824	1829	1832	rBV4	4906	8038	0.50%	0.053%
74	13.097	1832	1836	1842	rVB5	4424	7460	0.47%	0.049%
75	13.274	1858	1865	1876	rVB	106059	192816	12.05%	1.279%
76	13.402	1878	1886	1892	rVV3	25800	46250	2.89%	0.307%
77	13.560	1905	1912	1923	rBV	885832	1381592	86.34%	9.164%
78	13.652	1923	1927	1933	rVB2	5005	8639	0.54%	0.057%
79	13.761	1942	1945	1948	rVB3	632	930	0.06%	0.006%
80	13.853	1948	1960	1974	rBV	714909	1195305	74.70%	7.929%
81	14.024	1984	1988	1991	rBV5	4138	5617	0.35%	0.037%
82	14.072	1991	1996	2007	rVB2	18959	34975	2.19%	0.232%
83	14.200	2013	2017	2019	rBV3	1390	2430	0.15%	0.016%
84	14.328	2032	2038	2045	rBV2	12918	22609	1.41%	0.150%
85	14.432	2052	2055	2057	rBV2	703	692	0.04%	0.005%
86	14.530	2068	2071	2074	rBB3	839	829	0.05%	0.005%
87	14.621	2082	2086	2091	rVB3	5681	8940	0.56%	0.059%
88	14.676	2091	2095	2097	rBV3	756	1032	0.06%	0.007%
89	14.719	2100	2102	2109	rVB8	1025	1522	0.10%	0.010%
90	14.889	2123	2130	2135	rBV10	2528	6351	0.40%	0.042%
91	14.962	2137	2142	2146	rVV5	2725	4869	0.30%	0.032%
92	15.005	2147	2149	2155	rVB6	1008	1061	0.07%	0.007%
93	15.072	2157	2160	2165	rVB5	1675	2555	0.16%	0.017%
94	15.182	2173	2178	2186	rBV5	3774	8118	0.51%	0.054%
95	15.243	2186	2188	2189	rBV	731	625	0.04%	0.004%
96	15.560	2238	2240	2246	rVB5	1026	930	0.06%	0.006%
97	15.846	2284	2287	2290	rBV3	844	1221	0.08%	0.008%
98	15.974	2303	2308	2311	rVV5	1077	2025	0.13%	0.013%
99	16.426	2378	2382	2383	rBV3	1046	965	0.06%	0.006%
100	16.608	2409	2412	2414	rBV4	718	843	0.05%	0.006%

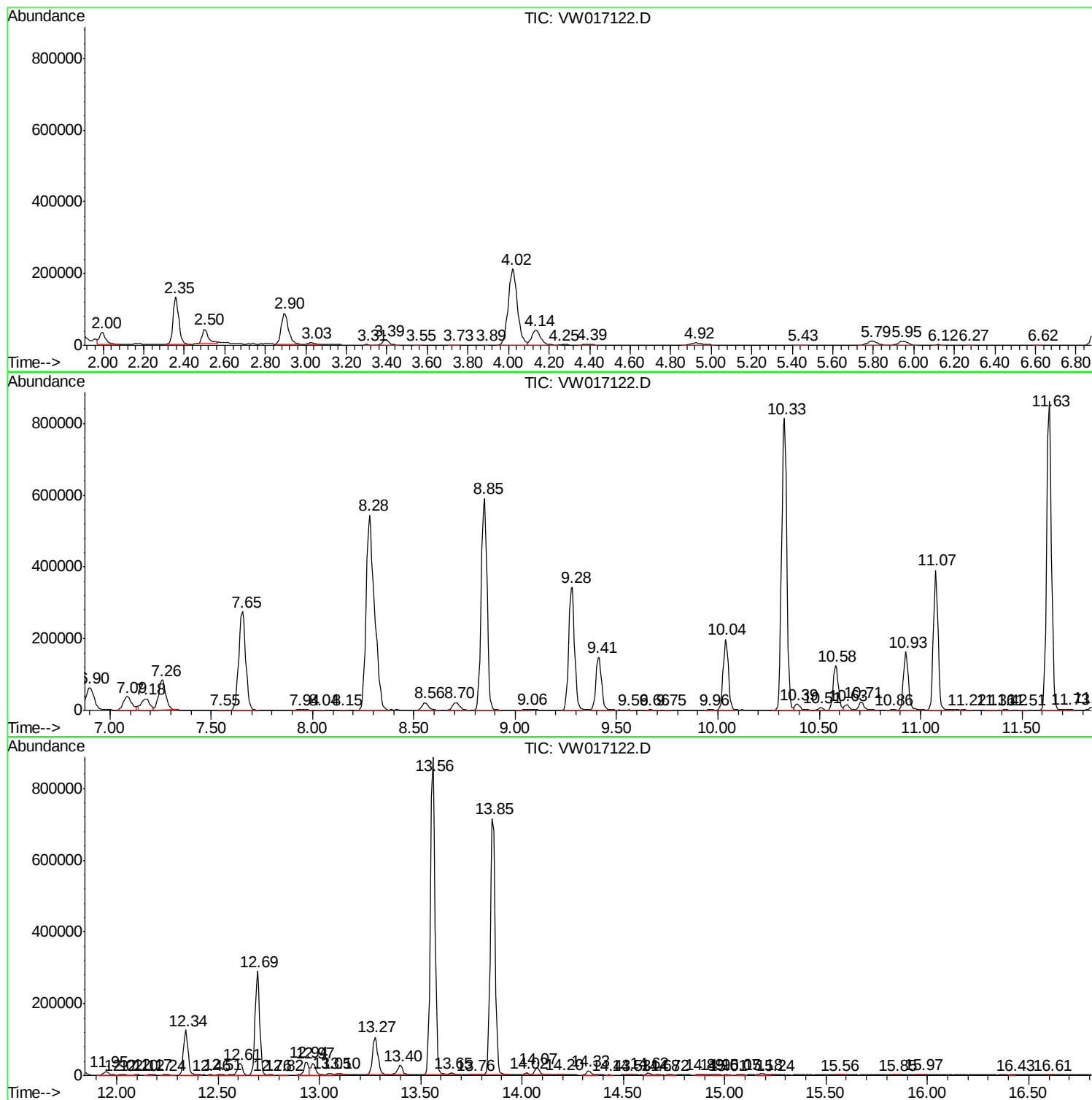
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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



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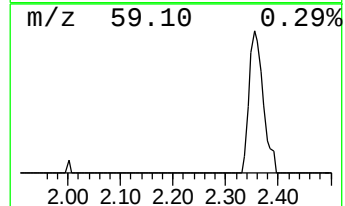
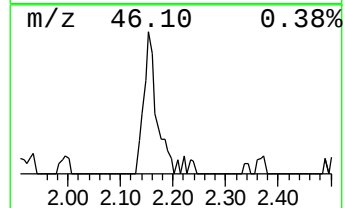
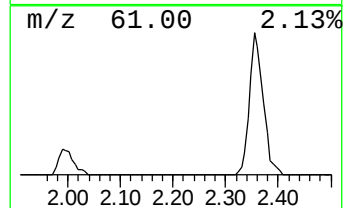
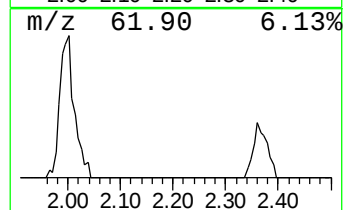
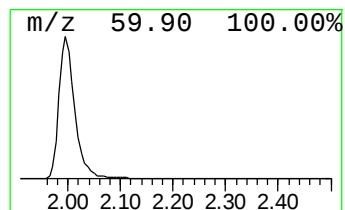
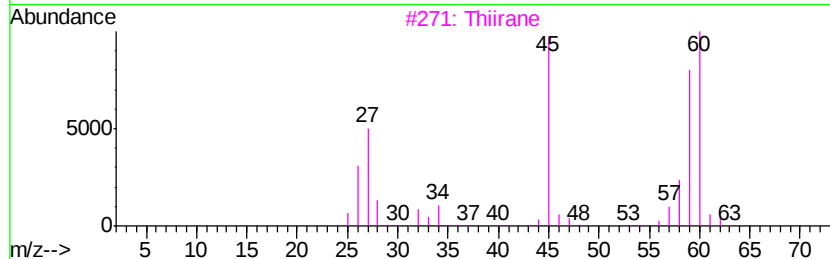
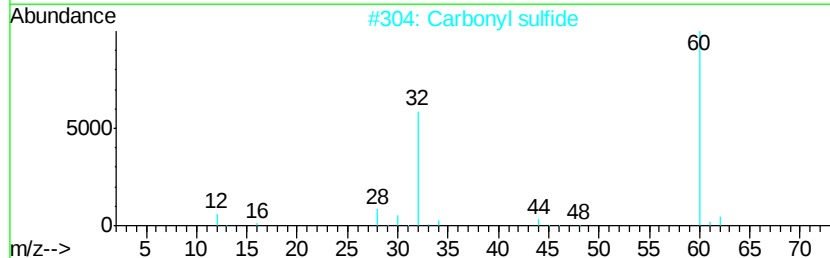
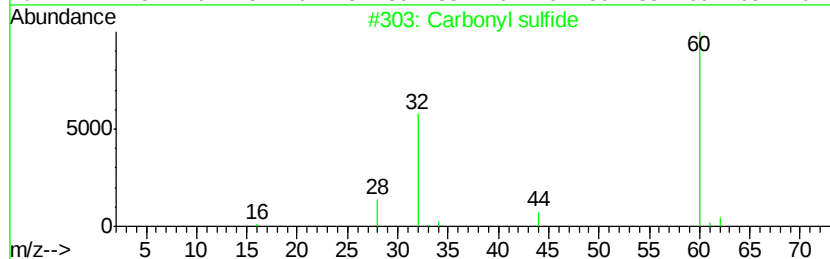
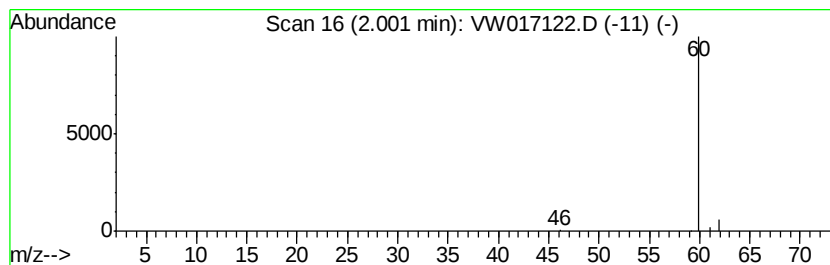
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 1 Carbonyl sulfide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	1.51 ug/L	71724	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonyl sulfide	60	COS	000463-58-1	5
2		Carbonyl sulfide	60	COS	000463-58-1	5
3		Thiirane	60	C2H4S	000420-12-2	4
4		Acetic acid	60	C2H4O2	000064-19-7	4
5		Urea	60	CH4N2O	000057-13-6	4



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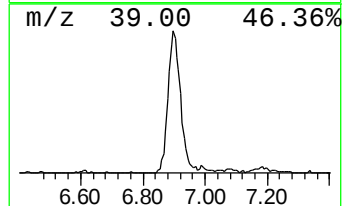
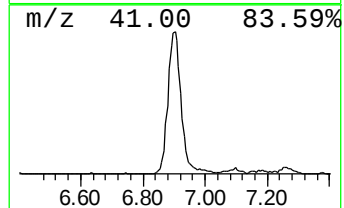
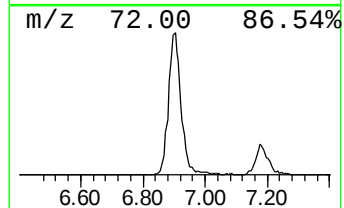
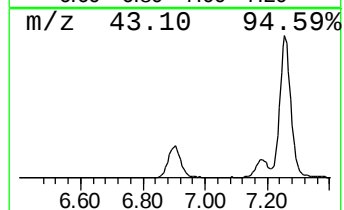
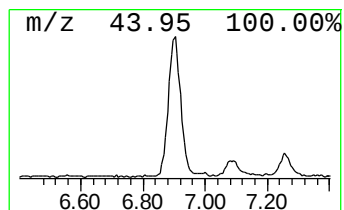
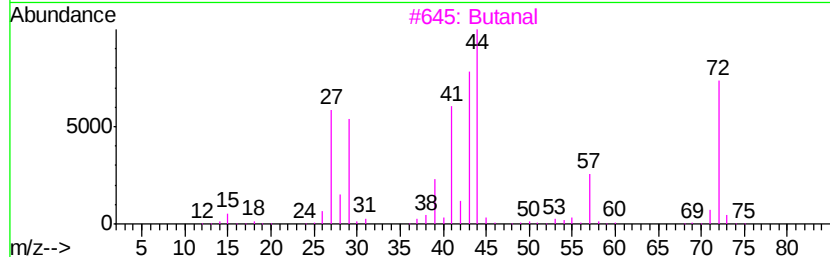
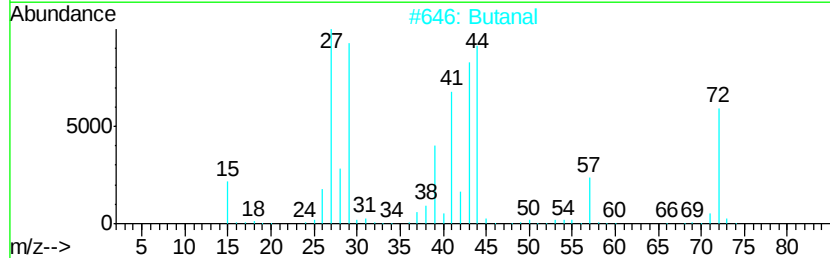
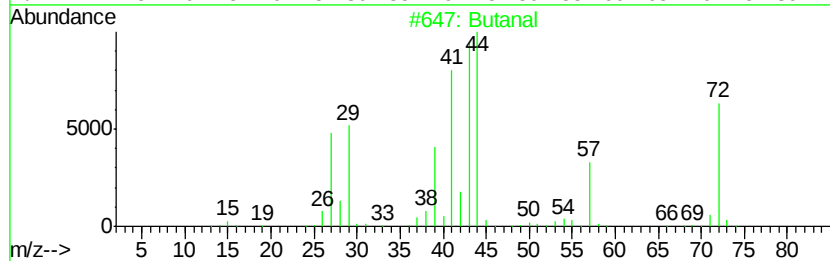
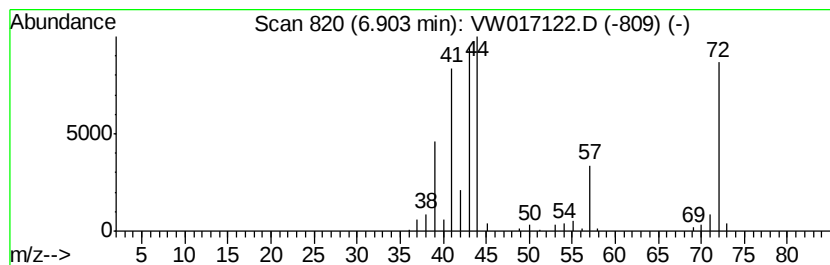
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 3 Butanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	3.83 ug/L	182263	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal	72	C4H8O	000123-72-8	94
2		Butanal	72	C4H8O	000123-72-8	91
3		Butanal	72	C4H8O	000123-72-8	64
4		Butanal	72	C4H8O	000123-72-8	43
5		1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	43



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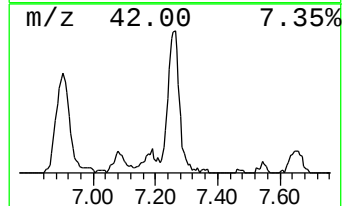
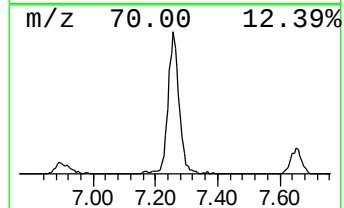
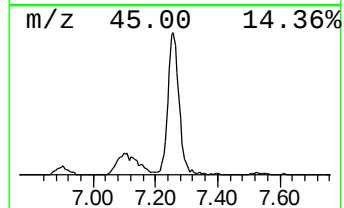
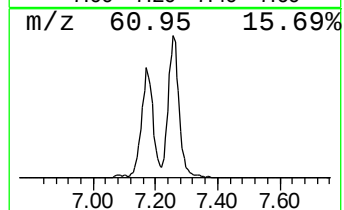
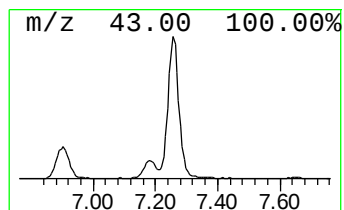
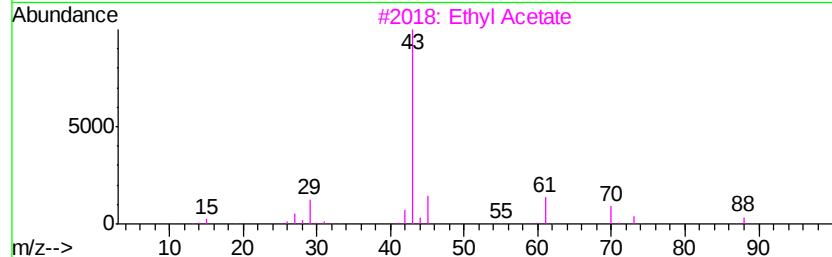
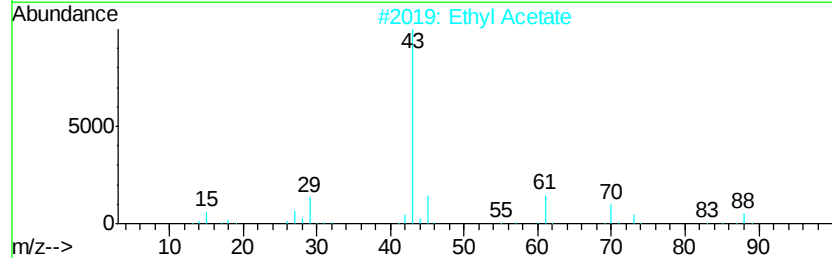
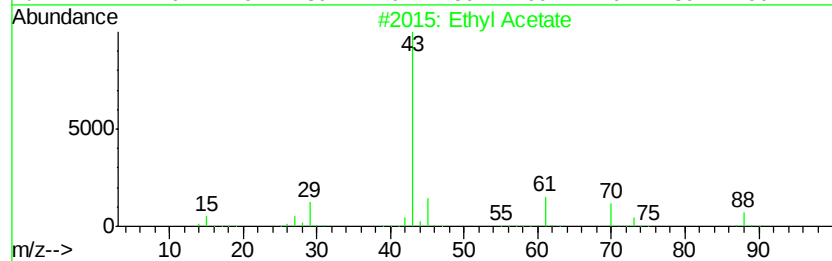
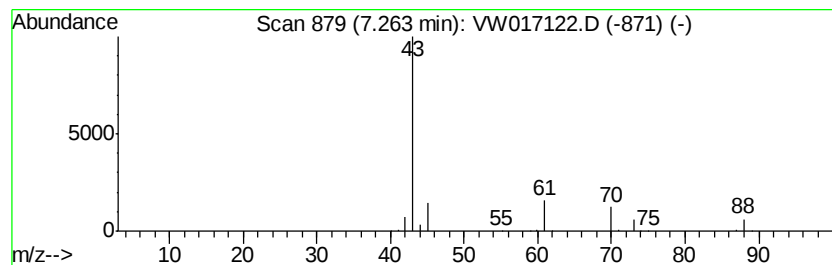
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	4.37 ug/L	207990	1,4-Difluorobenzene	8.85

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	86
4		Ethyl Acetate	88	C4H8O2	000141-78-6	86
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110920\
Data File : VW017122.D
Acq On : 09 Nov 2020 17:52
Operator : SY/VA
Sample : L4673-04
Misc : 6.43G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0S5

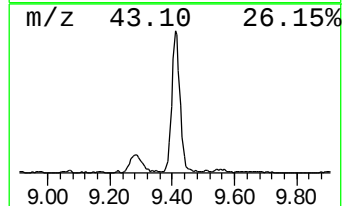
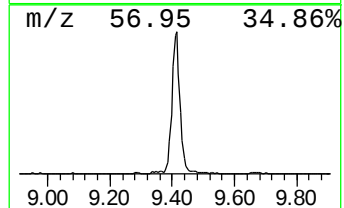
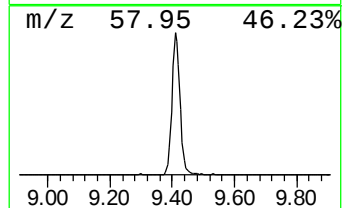
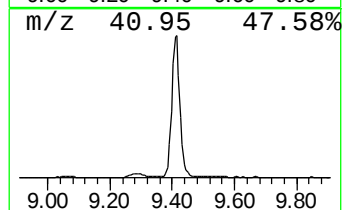
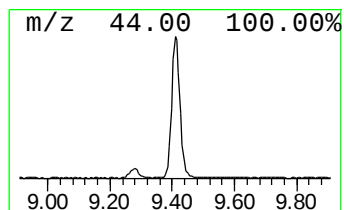
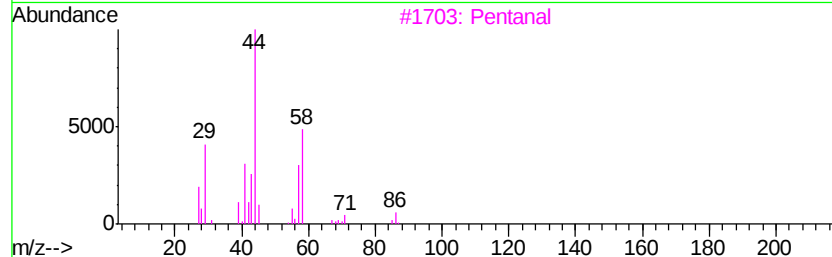
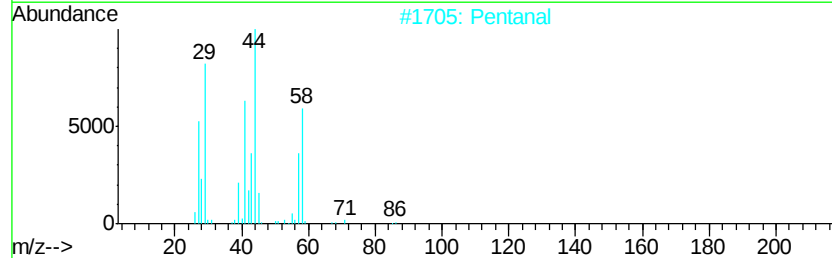
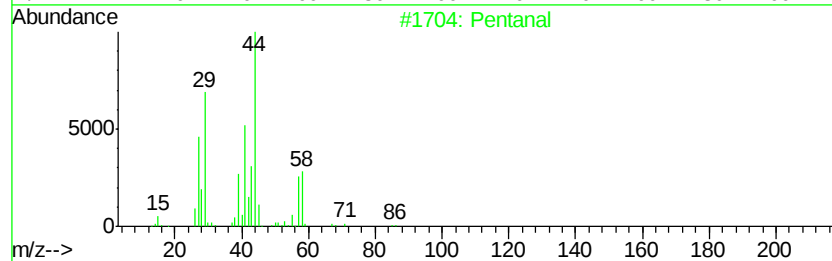
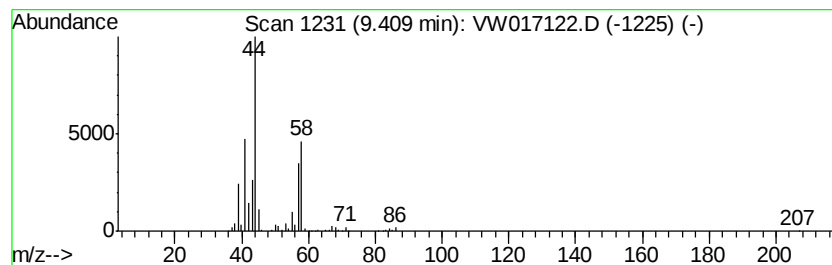
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Quant Title : VOC Analysis

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

Peak Number 5 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	5.95 ug/L	283053	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	86
2		Pentanal	86	C5H10O	000110-62-3	78
3		Pentanal	86	C5H10O	000110-62-3	78
4		Butanal, 3-methyl-	86	C5H10O	000590-86-3	74
5		Cyclopropyl carbinol	72	C4H8O	002516-33-8	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110920\
Data File : VW017122.D
Acq On : 09 Nov 2020 17:52
Operator : SY/VA
Sample : L4673-04
Misc : 6.43G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

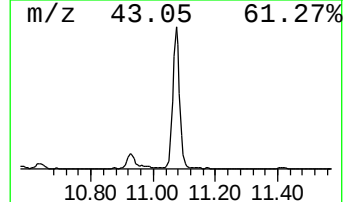
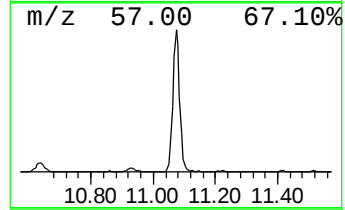
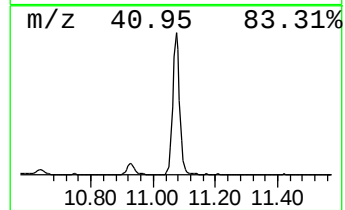
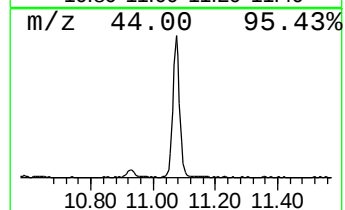
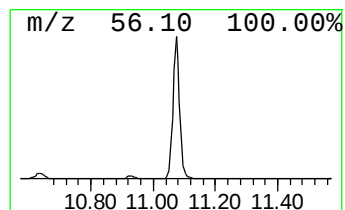
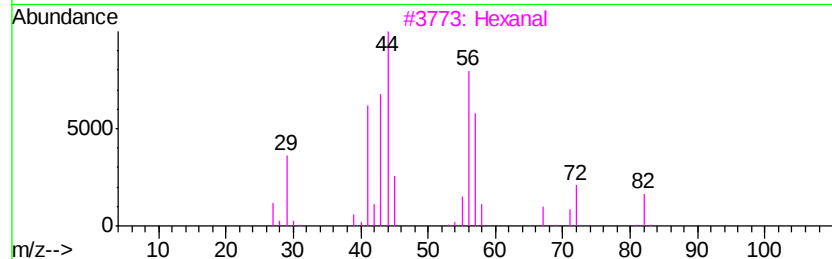
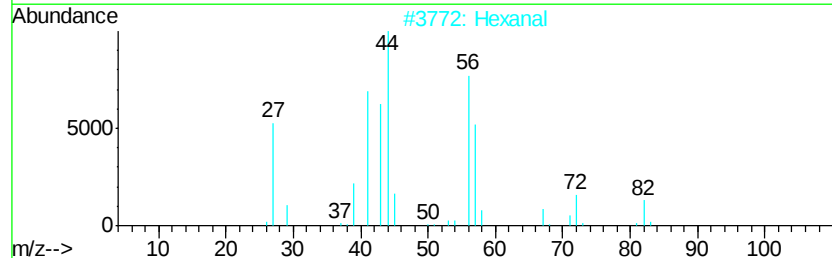
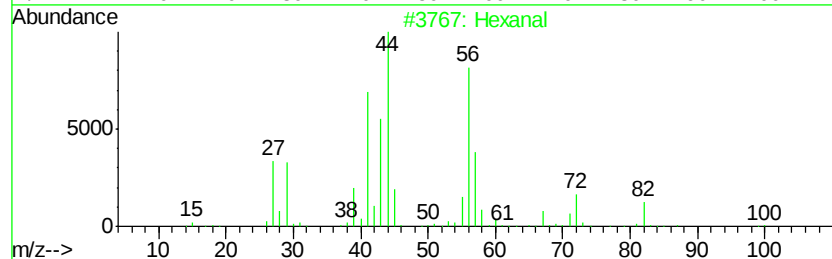
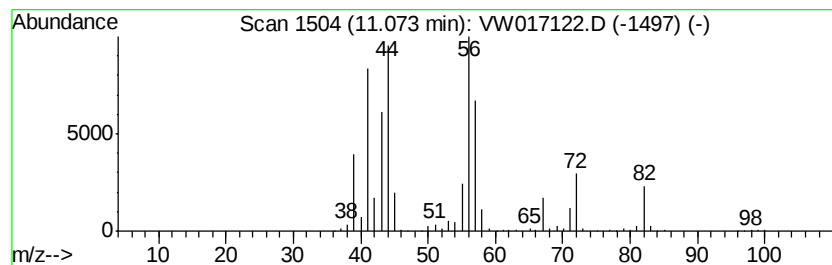
Instrument :
MSVOA_W
ClientSampleId :
GB0S5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 7 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.07	11.02 ug/L	623368	Chlorobenzene-d5		11.63	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	87
2	Hexanal		100	C6H12O	000066-25-1	80
3	Hexanal		100	C6H12O	000066-25-1	72
4	Hexanal		100	C6H12O	000066-25-1	64
5	Glutaraldehyde		100	C5H8O2	000111-30-8	41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110920\
Data File : VW017122.D
Acq On : 09 Nov 2020 17:52
Operator : SY/VA
Sample : L4673-04
Misc : 6.43G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0S5

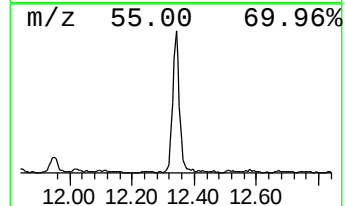
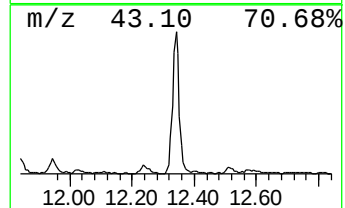
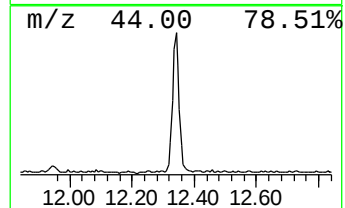
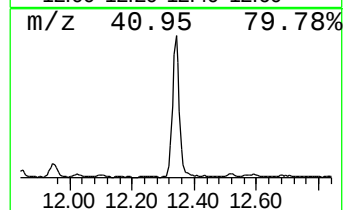
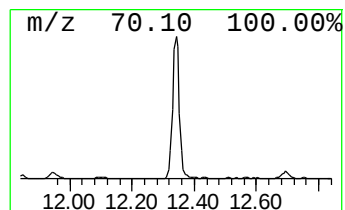
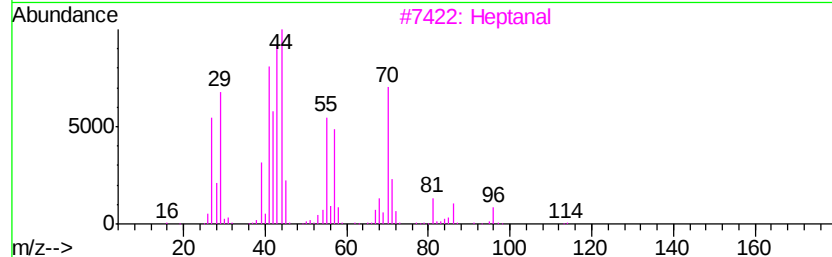
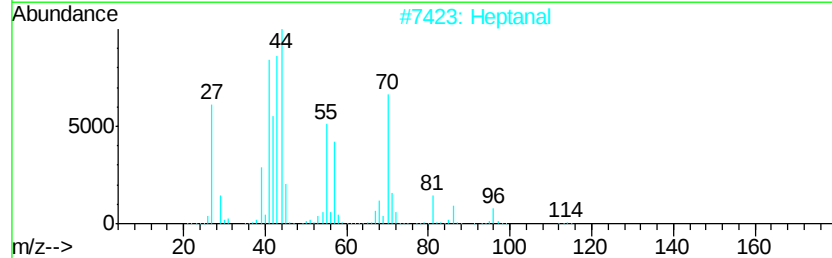
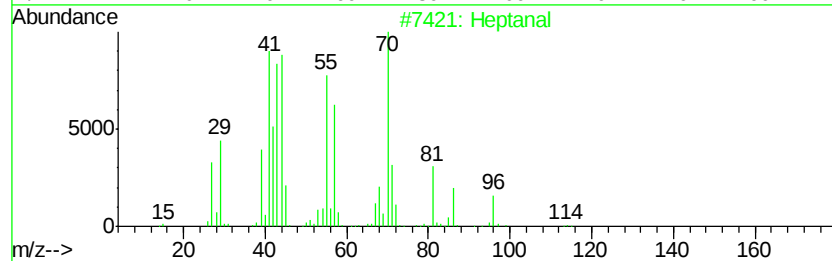
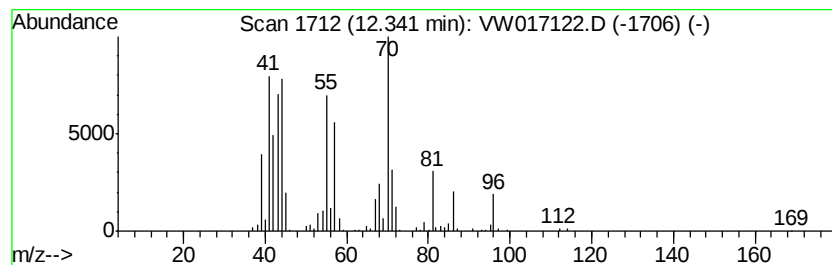
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Quant Title : VOC Analysis

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

Peak Number 8 Heptanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	3.56 ug/L	201156	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal		114	C7H14O	000111-71-7	96
2	Heptanal		114	C7H14O	000111-71-7	94
3	Heptanal		114	C7H14O	000111-71-7	93
4	Heptanal		114	C7H14O	000111-71-7	74
5	Heptanal		114	C7H14O	000111-71-7	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110920\
Data File : VW017122.D
Acq On : 09 Nov 2020 17:52
Operator : SY/VA
Sample : L4673-04
Misc : 6.43G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0S5

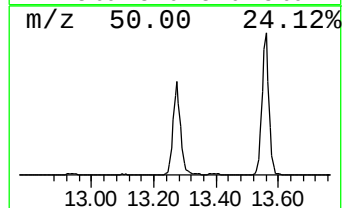
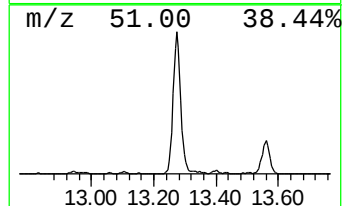
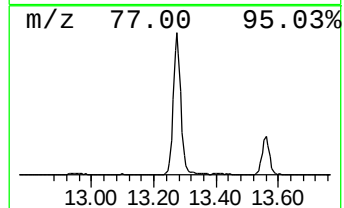
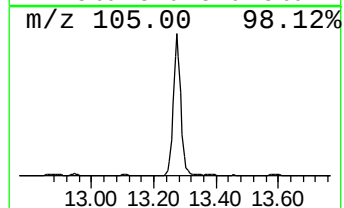
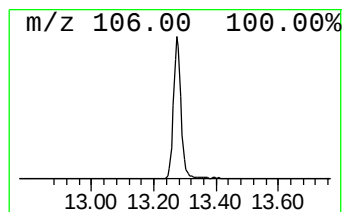
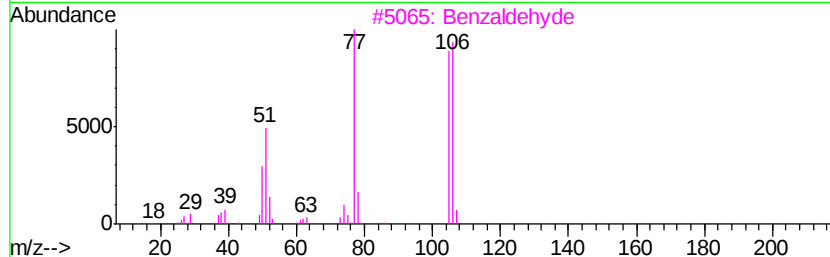
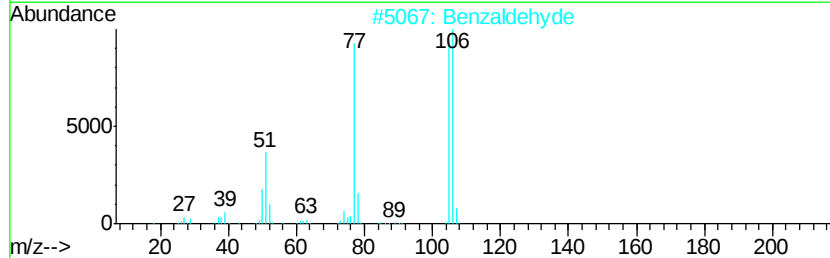
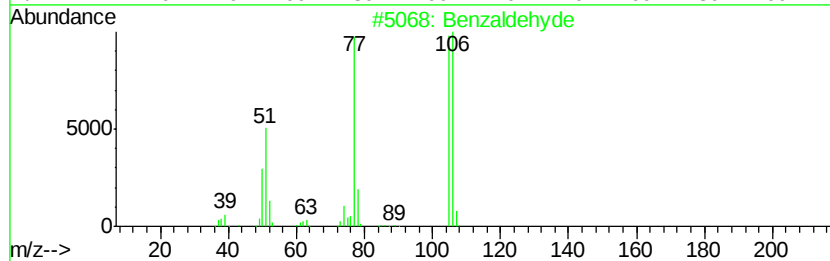
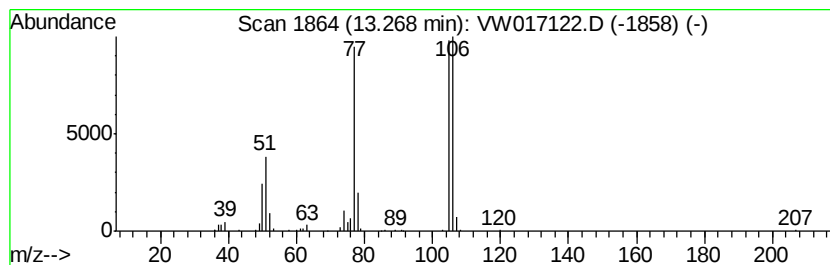
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Quant Title : VOC Analysis

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

Peak Number 9 Benzaldehyde Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.49 ug/L	192816	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde	106	C7H6O	000100-52-7	97
2		Benzaldehyde	106	C7H6O	000100-52-7	96
3		Benzaldehyde	106	C7H6O	000100-52-7	95
4		Benzaldehyde	106	C7H6O	000100-52-7	91
5		1,3,2-Dioxaphosphorinane-2-metha...	228	C10H13O4P	093786-70-0	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110920\
Data File : VW017122.D
Acq On : 09 Nov 2020 17:52
Operator : SY/VA
Sample : L4673-04
Misc : 6.43G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0S5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.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
Carbonyl sulfide	2.00	1.5	ug/L	71724	1	8.85	1189570	25.0
Butanal	6.90	3.8	ug/L	182263	1	8.85	1189570	25.0
Ethyl Acetate	7.26	4.4	ug/L	207990	1	8.85	1189570	25.0
Pentanal	9.41	6.0	ug/L	283053	1	8.85	1189570	25.0
Hexanal	11.07	11.0	ug/L	623368	2	11.63	1414030	25.0
Heptanal	12.34	3.6	ug/L	201156	2	11.63	1414030	25.0
Benzaldehyde	13.27	3.5	ug/L	192816	3	13.56	1381590	25.0