

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110920\
 Data File : VW017120.D
 Acq On : 09 Nov 2020 17:05
 Operator : SY/VA
 Sample : L4673-03
 Misc : 6.21G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0S4

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	30	rVB	27140	57104	3.62%	0.430%
2	2.160	37	42	43	rBV2	2000	3010	0.19%	0.023%
3	2.355	67	74	87	rVB	128730	245406	15.56%	1.849%
4	2.501	92	98	110	rBV	25186	60272	3.82%	0.454%
5	2.892	155	162	176	rVB	87952	206770	13.11%	1.558%
6	3.294	225	228	229	rBV2	456	406	0.03%	0.003%
7	3.324	232	233	236	rVB	696	343	0.02%	0.003%
8	3.391	237	244	252	rVV3	4180	10432	0.66%	0.079%
9	3.733	299	300	304	rVB	473	341	0.02%	0.003%
10	3.885	320	325	327	rBV2	275	453	0.03%	0.003%
11	4.019	335	347	359	rBV	200991	598614	37.96%	4.511%
12	4.129	360	365	383	rVV2	21679	66907	4.24%	0.504%
13	4.275	383	389	400	rVB4	1287	4311	0.27%	0.032%
14	4.391	406	408	419	rVB5	1516	2971	0.19%	0.022%
15	4.647	447	450	451	rBV	382	421	0.03%	0.003%
16	4.928	485	496	509	rBV4	5194	20115	1.28%	0.152%
17	5.184	536	538	540	rVV2	351	361	0.02%	0.003%
18	5.446	579	581	586	rVB3	377	531	0.03%	0.004%
19	5.793	625	638	650	rBV2	5780	18821	1.19%	0.142%
20	5.940	654	662	663	rBV	3823	6269	0.40%	0.047%
21	6.056	675	681	683	rBV2	353	343	0.02%	0.003%
22	6.092	683	687	688	rBV2	375	368	0.02%	0.003%
23	6.104	688	689	699	rVB4	538	1292	0.08%	0.010%
24	6.269	710	716	717	rBV3	497	651	0.04%	0.005%
25	6.903	810	820	832	rBV3	13418	40795	2.59%	0.307%
26	7.080	840	849	859	rBV	35036	107382	6.81%	0.809%
27	7.257	870	878	890	rVB	68089	173051	10.97%	1.304%
28	7.470	912	913	918	rVB3	376	361	0.02%	0.003%
29	7.653	931	943	954	rBV	268022	666150	42.25%	5.020%
30	7.952	986	992	999	rVB6	1593	3950	0.25%	0.030%
31	8.281	1034	1046	1062	rBV2	542990	1576830	100.00%	11.883%
32	8.555	1083	1091	1100	rBV2	10787	24871	1.58%	0.187%
33	8.708	1109	1116	1126	rVB5	6026	14556	0.92%	0.110%
34	8.848	1129	1139	1148	rBV	611979	1221471	77.46%	9.205%

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35	9.098	1170	1180	1188	rVB2	13433	28173	1.79%	0.212%
36	9.274	1200	1209	1220	rBV	345010	705688	44.75%	5.318%
37	9.415	1225	1232	1240	rVB	39496	76875	4.88%	0.579%
38	9.665	1266	1273	1278	rVV6	1235	2381	0.15%	0.018%
39	9.902	1310	1312	1315	rBV2	279	343	0.02%	0.003%
40	9.957	1318	1321	1326	rVB4	683	922	0.06%	0.007%
41	10.037	1326	1334	1347	rBV	198182	353129	22.39%	2.661%
42	10.329	1374	1382	1389	rVV	814901	1443396	91.54%	10.878%
43	10.390	1389	1392	1402	rVV	15531	27467	1.74%	0.207%
44	10.506	1406	1411	1416	rVV4	3010	5203	0.33%	0.039%
45	10.579	1416	1423	1430	rVV	123918	217115	13.77%	1.636%
46	10.634	1430	1432	1438	rVV4	6301	10940	0.69%	0.082%
47	10.707	1438	1444	1457	rVB	22172	40422	2.56%	0.305%
48	10.860	1465	1469	1473	rBV4	1979	2986	0.19%	0.023%
49	10.927	1473	1480	1492	rBV	151389	254153	16.12%	1.915%
50	11.073	1498	1504	1516	rVB	95767	162090	10.28%	1.222%
51	11.207	1522	1526	1529	rBV3	471	767	0.05%	0.006%
52	11.359	1545	1551	1553	rBV3	339	510	0.03%	0.004%
53	11.414	1557	1560	1566	rBV4	914	1262	0.08%	0.010%
54	11.512	1572	1576	1580	rVB4	539	693	0.04%	0.005%
55	11.561	1580	1584	1586	rBV4	302	480	0.03%	0.004%
56	11.634	1588	1596	1605	rBV	871147	1445314	91.66%	10.892%
57	11.731	1610	1612	1618	rVB3	1657	2406	0.15%	0.018%
58	11.841	1625	1630	1637	rVB4	3405	6481	0.41%	0.049%
59	11.951	1643	1648	1653	rBV3	5509	9041	0.57%	0.068%
60	12.036	1658	1662	1664	rVV3	417	573	0.04%	0.004%
61	12.097	1668	1672	1673	rBV3	868	894	0.06%	0.007%
62	12.164	1680	1683	1688	rVB4	921	1374	0.09%	0.010%
63	12.243	1690	1696	1702	rBV6	1083	1831	0.12%	0.014%
64	12.341	1706	1712	1719	rBV2	34527	57520	3.65%	0.433%
65	12.463	1730	1732	1736	rVB2	683	586	0.04%	0.004%
66	12.512	1736	1740	1747	rBV2	1205	2264	0.14%	0.017%
67	12.609	1747	1756	1762	rVV	25578	44800	2.84%	0.338%
68	12.695	1762	1770	1778	rBV	280609	457062	28.99%	3.445%
69	12.756	1778	1780	1783	rVV3	1303	1559	0.10%	0.012%
70	12.817	1788	1790	1792	rVB	419	344	0.02%	0.003%
71	12.938	1801	1810	1813	rBV2	9967	19375	1.23%	0.146%

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72	12.969	1813	1815	1822	rVB	8943	12078	0.77%	0.091%
73	13.054	1825	1829	1833	rBV5	2506	4232	0.27%	0.032%
74	13.097	1833	1836	1841	rVB5	1334	1701	0.11%	0.013%
75	13.274	1856	1865	1879	rBV2	38848	78050	4.95%	0.588%
76	13.402	1879	1886	1892	rBV3	10822	19388	1.23%	0.146%
77	13.469	1894	1897	1901	rBV5	1477	2523	0.16%	0.019%
78	13.560	1904	1912	1923	rBV	878175	1397021	88.60%	10.528%
79	13.652	1923	1927	1932	rVB2	4985	8384	0.53%	0.063%
80	13.853	1952	1960	1973	rBV	714596	1174116	74.46%	8.848%
81	14.024	1984	1988	1991	rBV4	2105	3117	0.20%	0.023%
82	14.072	1991	1996	2003	rVB	9274	16104	1.02%	0.121%
83	14.200	2014	2017	2018	rBV3	864	909	0.06%	0.007%
84	14.328	2033	2038	2046	rVB4	7227	11791	0.75%	0.089%
85	14.383	2046	2047	2054	rVB3	782	676	0.04%	0.005%
86	14.493	2061	2065	2066	rBV3	492	617	0.04%	0.005%
87	14.530	2068	2071	2073	rBV4	592	626	0.04%	0.005%
88	14.627	2081	2087	2091	rBV6	2644	4773	0.30%	0.036%
89	15.072	2158	2160	2164	rVB3	854	787	0.05%	0.006%
90	15.188	2172	2179	2182	rBV7	2136	4052	0.26%	0.031%
91	15.493	2227	2229	2231	rVV3	799	644	0.04%	0.005%
92	15.670	2257	2258	2261	rBV2	597	467	0.03%	0.004%
93	15.743	2267	2270	2272	rBV4	569	780	0.05%	0.006%
94	15.853	2287	2288	2291	rBV3	478	347	0.02%	0.003%
95	16.084	2324	2326	2330	rBV4	571	706	0.04%	0.005%
96	16.151	2335	2337	2338	rBV2	493	430	0.03%	0.003%
97	16.243	2350	2352	2357	rVB5	937	1023	0.06%	0.008%
98	16.285	2357	2359	2361	rBV3	399	393	0.02%	0.003%
99	16.377	2372	2374	2377	rVB3	613	425	0.03%	0.003%
100	16.724	2429	2431	2434	rVV2	748	774	0.05%	0.006%

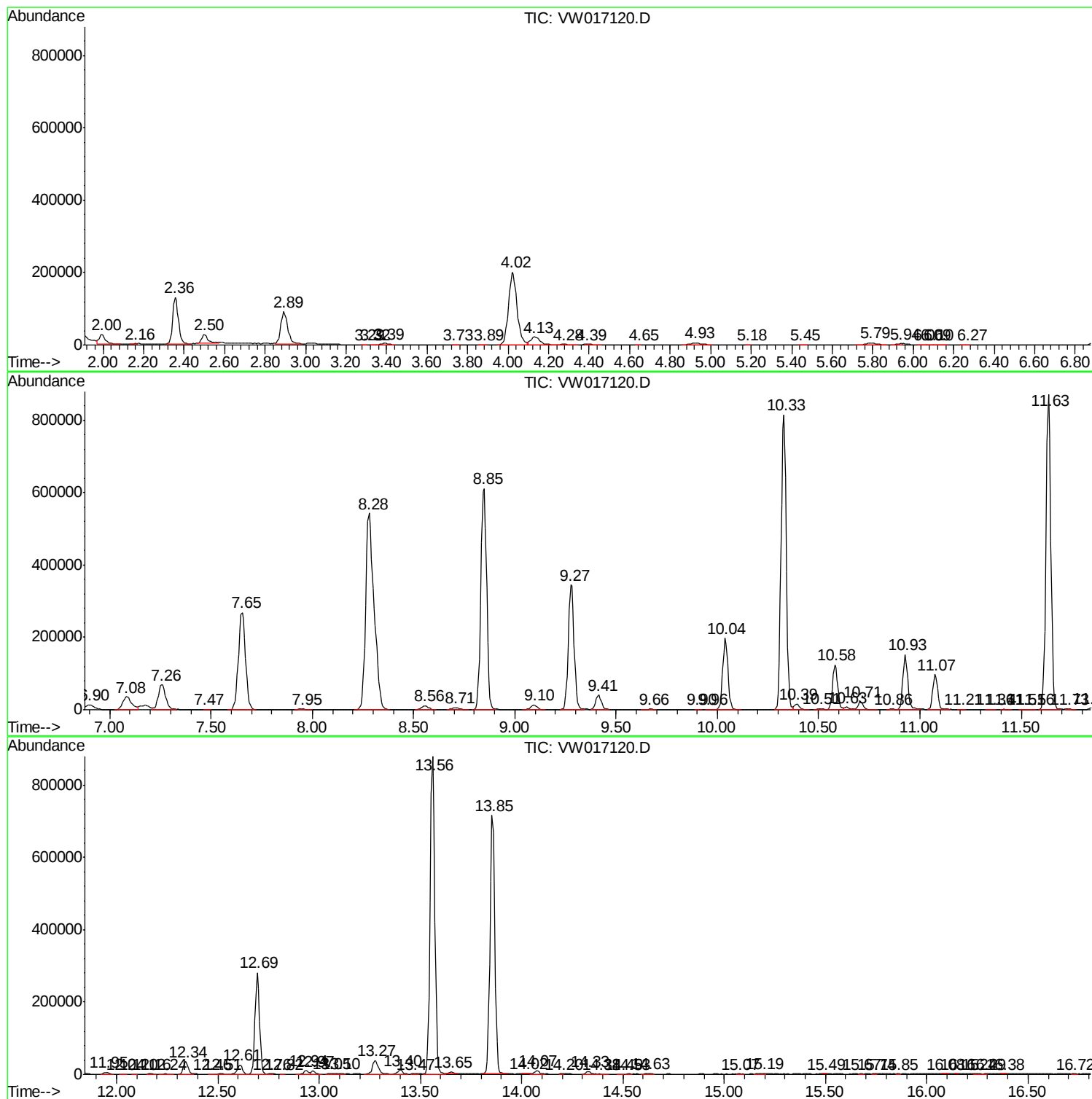
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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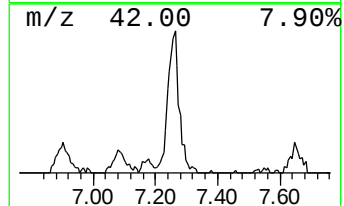
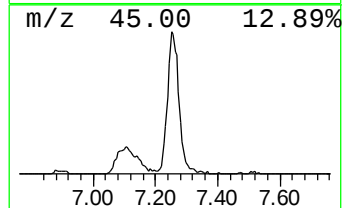
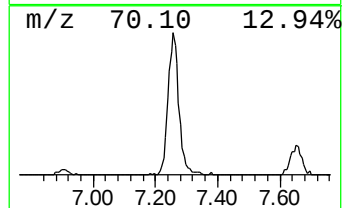
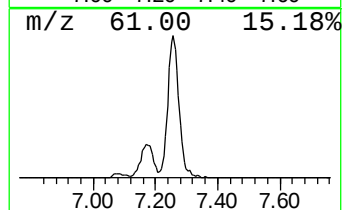
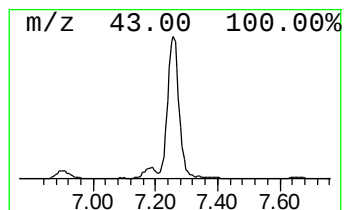
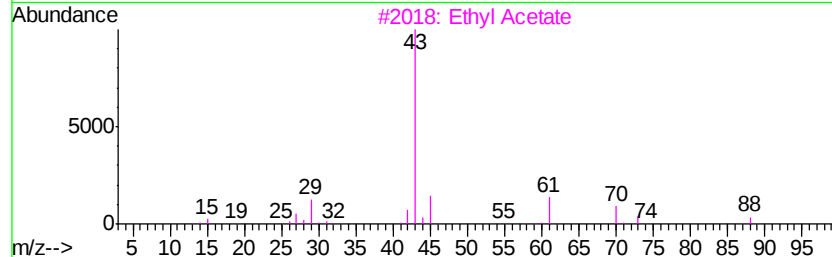
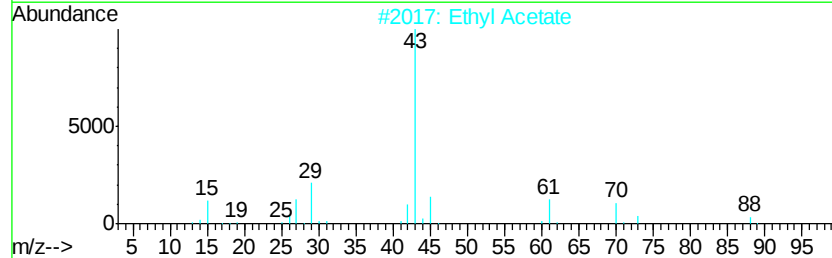
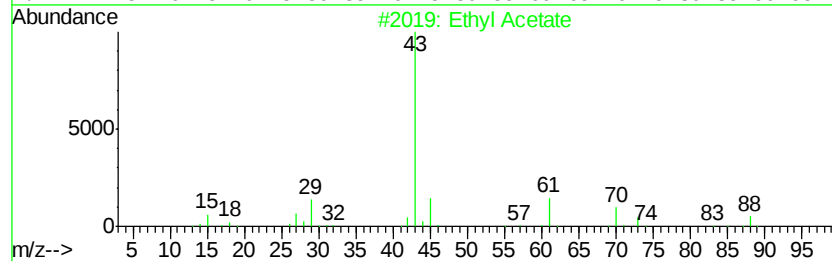
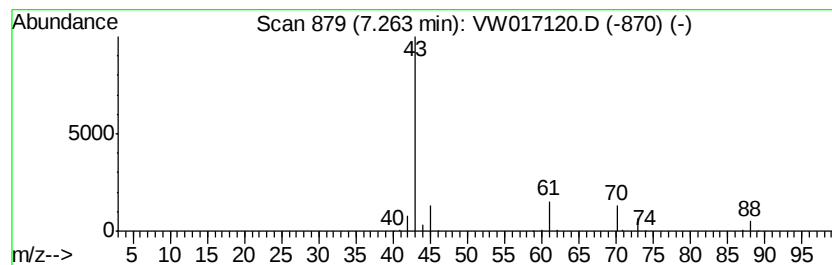
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	3.54 ug/L	173051	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	90
2			Ethyl Acetate	88	C4H8O2	000141-78-6	86
3			Ethyl Acetate	88	C4H8O2	000141-78-6	86
4			Ethyl Acetate	88	C4H8O2	000141-78-6	83
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	72



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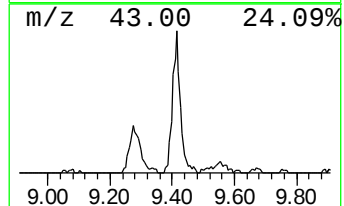
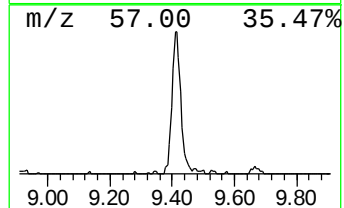
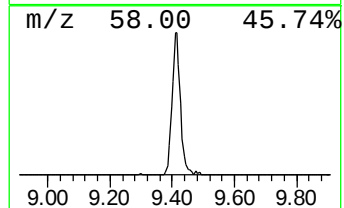
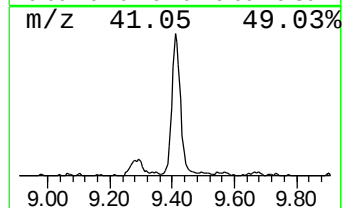
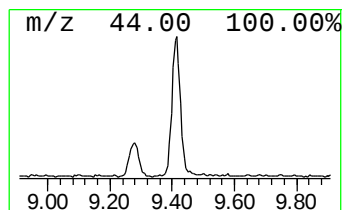
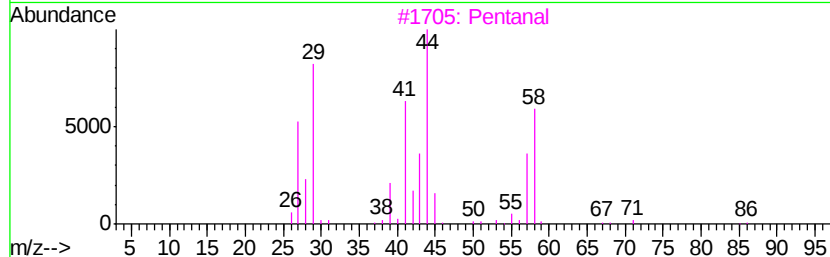
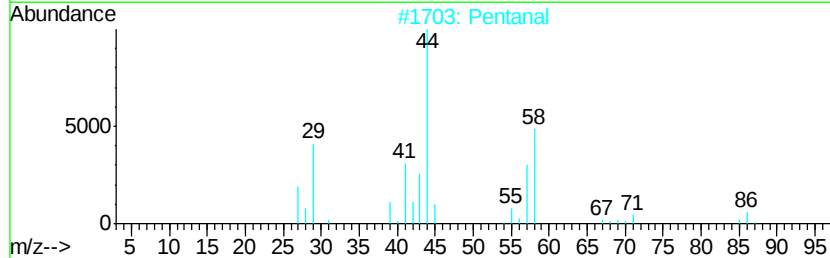
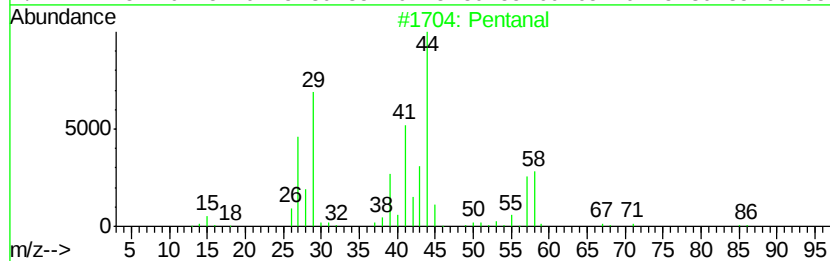
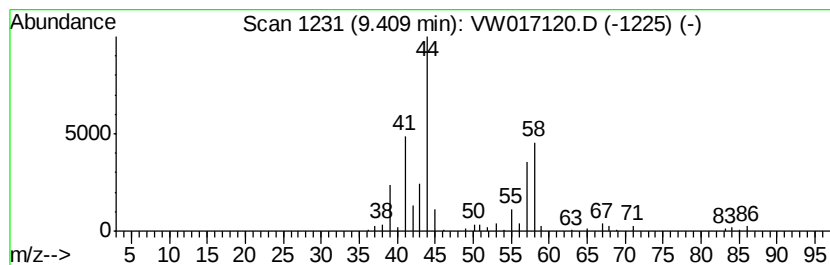
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 2 Pentanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	1.57 ug/L	76875	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		Cyclopropyl carbinol	72	C4H8O	002516-33-8	50
5		Butanal, 3-methyl-	86	C5H10O	000590-86-3	36



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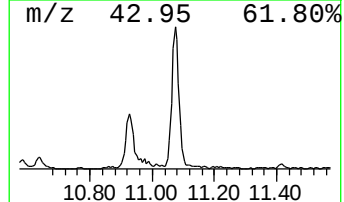
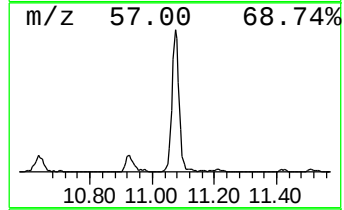
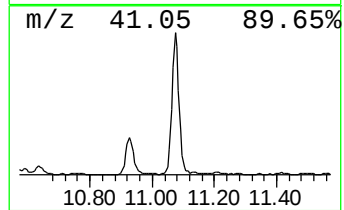
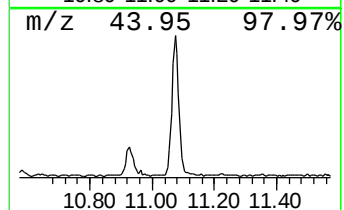
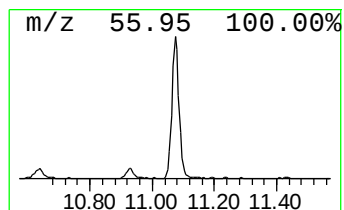
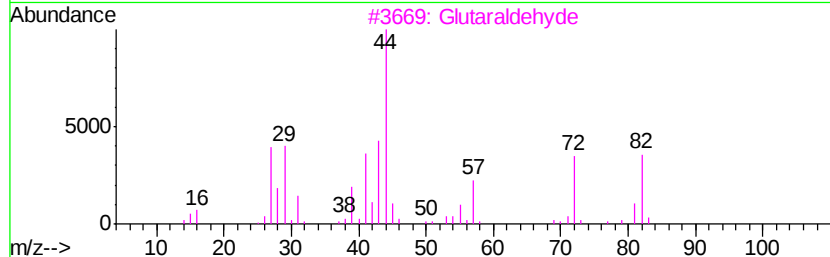
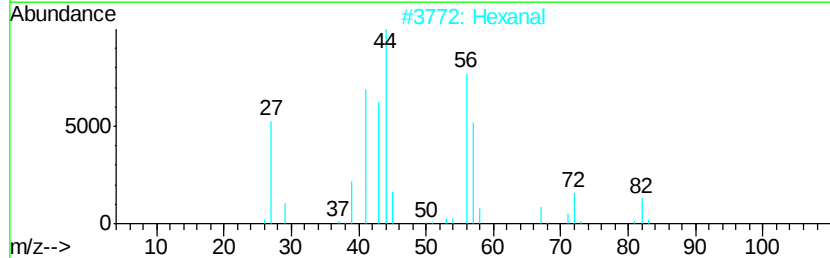
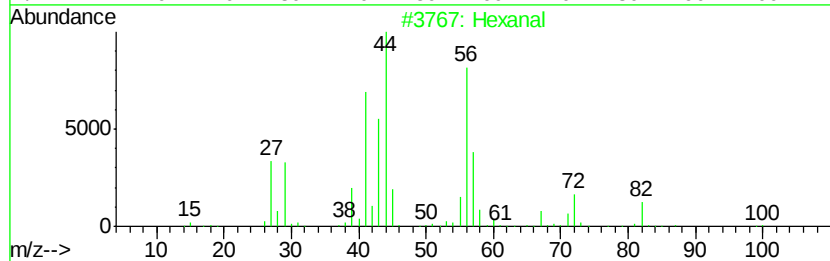
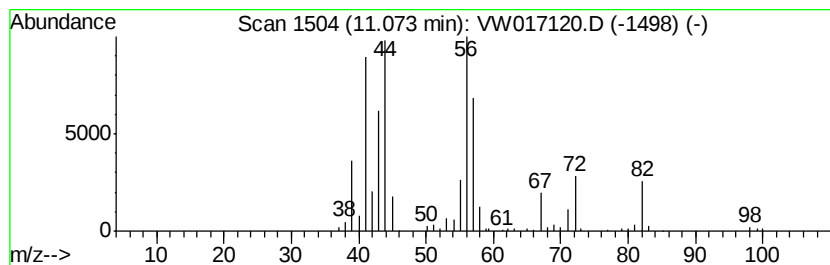
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Peak Number 4 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.80 ug/L	162090	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	78
2	Hexanal		100	C6H12O	000066-25-1	64
3	Glutaraldehyde		100	C5H8O2	000111-30-8	32
4	Glutaraldehyde		100	C5H8O2	000111-30-8	32
5	Butanal, 3-methyl-		86	C5H10O	000590-86-3	27



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Operator : SY/VA
Sample : L4673-03
Misc : 6.21G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0S4

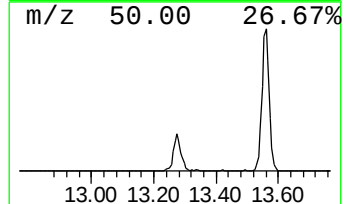
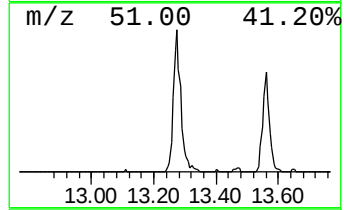
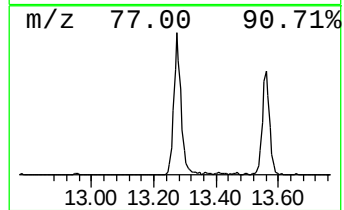
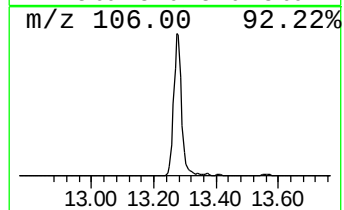
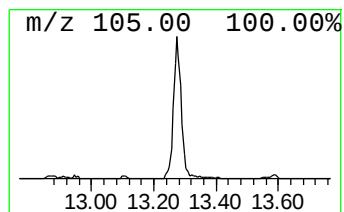
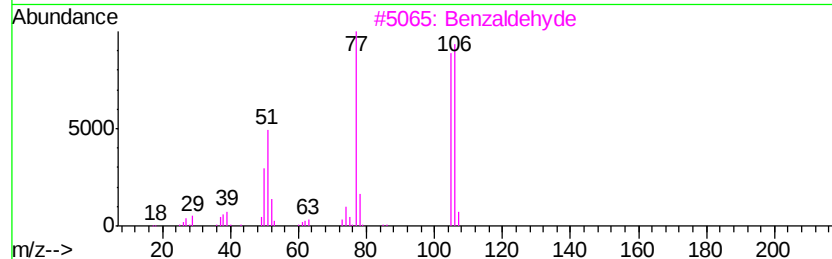
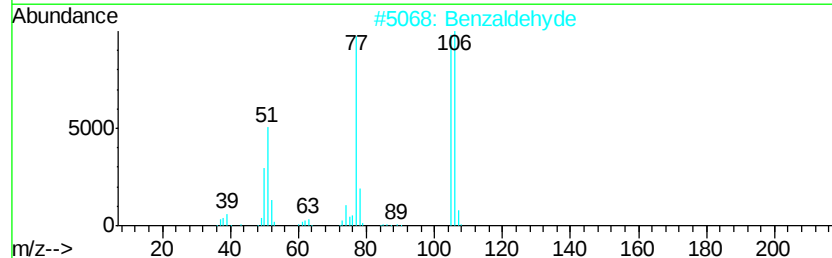
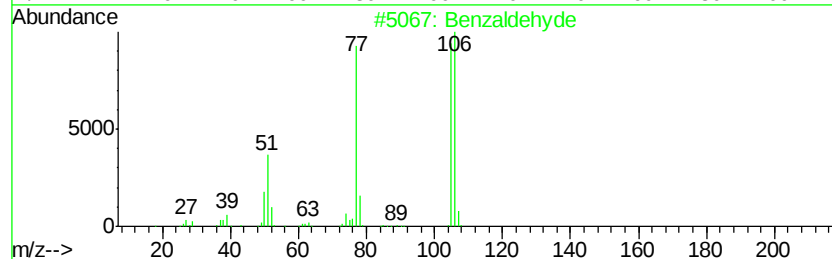
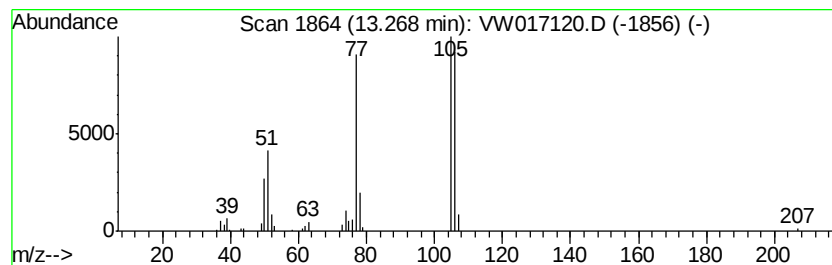
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Quant Title : VOC Analysis

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

Peak Number 5 Benzaldehyde Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	1.40 ug/L	78050	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde	106	C7H6O	000100-52-7	95
2		Benzaldehyde	106	C7H6O	000100-52-7	91
3		Benzaldehyde	106	C7H6O	000100-52-7	91
4		Benzaldehyde	106	C7H6O	000100-52-7	90
5		1,3,2-Dioxaphosphorinane-2-metha...	228	C10H13O4P	093786-70-0	78



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110920\
Data File : VW017120.D
Acq On : 09 Nov 2020 17:05
Operator : SY/VA
Sample : L4673-03
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0S4

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
Ethyl Acetate	7.26	3.5	ug/L	173051	1	8.85	1221470	25.0
Pentanal	9.41	1.6	ug/L	76875	1	8.85	1221470	25.0
Hexanal	11.07	2.8	ug/L	162090	2	11.63	1445310	25.0
Benzaldehyde	13.27	1.4	ug/L	78050	3	13.56	1397020	25.0