

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110920\
 Data File : VW017119.D
 Acq On : 09 Nov 2020 16:42
 Operator : SY/VA
 Sample : L4673-02
 Misc : 6.56G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0S3

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	24	rVB	23273	47519	2.90%	0.318%
2	2.160	38	42	43	rBV2	2042	2613	0.16%	0.017%
3	2.355	68	74	87	rVB	131311	252027	15.40%	1.687%
4	2.501	92	98	108	rBV2	28161	64595	3.95%	0.432%
5	2.891	154	162	178	rVB	90259	220198	13.46%	1.474%
6	3.312	229	231	236	rVB3	499	799	0.05%	0.005%
7	3.391	236	244	257	rBV	11635	29495	1.80%	0.197%
8	3.732	292	300	306	rBV4	1627	4560	0.28%	0.031%
9	3.903	320	328	334	rBV4	2156	5086	0.31%	0.034%
10	4.019	334	347	360	rVV2	232199	766818	46.87%	5.132%
11	4.135	361	366	383	rVB	15917	48861	2.99%	0.327%
12	4.397	398	409	423	rVB	17806	54675	3.34%	0.366%
13	4.921	483	495	508	rVV4	5847	21630	1.32%	0.145%
14	5.007	508	509	511	rVV2	712	611	0.04%	0.004%
15	5.793	627	638	649	rBV3	5365	17450	1.07%	0.117%
16	5.945	651	663	676	rVB3	8397	24324	1.49%	0.163%
17	6.122	685	692	699	rBV4	1581	4648	0.28%	0.031%
18	6.622	765	774	778	rVB4	678	1503	0.09%	0.010%
19	6.896	808	819	834	rBV	53222	155128	9.48%	1.038%
20	7.085	842	850	859	rBV	35627	105042	6.42%	0.703%
21	7.256	870	878	890	rVB	88091	215607	13.18%	1.443%
22	7.549	919	926	932	rBV3	743	1500	0.09%	0.010%
23	7.652	932	943	955	rBV	287538	703253	42.98%	4.707%
24	7.933	980	989	991	rBV3	1353	2609	0.16%	0.017%
25	8.165	1021	1027	1028	rBV4	524	578	0.04%	0.004%
26	8.280	1035	1046	1065	rBV2	565025	1636071	100.00%	10.950%
27	8.555	1084	1091	1100	rVV3	15120	34009	2.08%	0.228%
28	8.622	1100	1102	1107	rVB4	720	1123	0.07%	0.008%
29	8.707	1107	1116	1126	rBV4	11053	28629	1.75%	0.192%
30	8.847	1129	1139	1151	rBV	607825	1203940	73.59%	8.057%
31	9.049	1166	1172	1176	rBV	5492	11613	0.71%	0.078%
32	9.280	1197	1210	1219	rBV	356121	737340	45.07%	4.935%
33	9.414	1225	1232	1246	rVB	72122	138968	8.49%	0.930%
34	9.664	1267	1273	1278	rBV3	852	1650	0.10%	0.011%

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 Title : VOC Analysis

35	9.957	1318	1321	1325	rBV3	792	1310	0.08%	0.009%
36	10.036	1325	1334	1347	rVV	201603	369911	22.61%	2.476%
37	10.134	1347	1350	1357	rVB5	1041	2058	0.13%	0.014%
38	10.329	1372	1382	1389	rBV	847116	1508310	92.19%	10.094%
39	10.390	1389	1392	1403	rVB	18186	32365	1.98%	0.217%
40	10.506	1406	1411	1416	rVB4	5708	9669	0.59%	0.065%
41	10.579	1416	1423	1430	rBV	126664	233046	14.24%	1.560%
42	10.707	1438	1444	1451	rBV	18985	32904	2.01%	0.220%
43	10.871	1465	1471	1474	rVV3	1583	2919	0.18%	0.020%
44	10.926	1474	1480	1493	rVV	151251	257808	15.76%	1.725%
45	11.073	1497	1504	1525	rVB	535635	872721	53.34%	5.841%
46	11.414	1556	1560	1565	rVB5	952	1369	0.08%	0.009%
47	11.475	1565	1570	1574	rBV4	695	1121	0.07%	0.008%
48	11.579	1581	1587	1588	rBV3	1304	2201	0.13%	0.015%
49	11.633	1588	1596	1607	rBV	849237	1405261	85.89%	9.405%
50	11.731	1610	1612	1614	rVV3	781	486	0.03%	0.003%
51	11.841	1622	1630	1638	rVV6	4525	10054	0.61%	0.067%
52	11.950	1641	1648	1654	rVV2	12106	21477	1.31%	0.144%
53	12.024	1658	1660	1664	rVV5	981	1513	0.09%	0.010%
54	12.103	1670	1673	1677	rVV4	829	1215	0.07%	0.008%
55	12.170	1677	1684	1691	rVV5	1279	2458	0.15%	0.016%
56	12.249	1691	1697	1700	rVB3	996	1793	0.11%	0.012%
57	12.341	1705	1712	1727	rBV	170798	260878	15.95%	1.746%
58	12.517	1737	1741	1746	rVB4	1225	2106	0.13%	0.014%
59	12.609	1747	1756	1762	rVB	21926	38446	2.35%	0.257%
60	12.694	1763	1770	1778	rVV	272581	452886	27.68%	3.031%
61	12.755	1778	1780	1786	rVB5	1326	1832	0.11%	0.012%
62	12.804	1786	1788	1790	rBV2	465	526	0.03%	0.004%
63	12.871	1795	1799	1801	rBV2	871	1347	0.08%	0.009%
64	12.938	1801	1810	1813	rBV	12486	23279	1.42%	0.156%
65	13.054	1822	1829	1833	rBV2	7743	13230	0.81%	0.089%
66	13.103	1833	1837	1842	rVV3	6988	11631	0.71%	0.078%
67	13.158	1842	1846	1851	rVB4	3266	5617	0.34%	0.038%
68	13.273	1856	1865	1876	rVB3	15585	36427	2.23%	0.244%
69	13.395	1876	1885	1893	rBV	45775	75711	4.63%	0.507%
70	13.468	1893	1897	1904	rVV8	2254	5393	0.33%	0.036%
71	13.560	1905	1912	1923	rVV	817964	1310980	80.13%	8.774%

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Integration Parameters: LSCINT.P

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72	13.651	1923	1927	1934	rVB	6028	10282	0.63%	0.069%
73	13.798	1950	1951	1953	rBV2	1021	917	0.06%	0.006%
74	13.853	1953	1960	1969	rVV	671711	1134107	69.32%	7.590%
75	13.993	1980	1983	1984	rBV3	1120	1232	0.08%	0.008%
76	14.023	1984	1988	1991	rVV2	5923	8956	0.55%	0.060%
77	14.072	1991	1996	2007	rVB	36813	68726	4.20%	0.460%
78	14.218	2018	2020	2026	rVB6	1527	2178	0.13%	0.015%
79	14.328	2032	2038	2051	rVB2	33416	54910	3.36%	0.367%
80	14.493	2062	2065	2067	rVV3	665	859	0.05%	0.006%
81	14.633	2083	2088	2091	rVV4	2602	4187	0.26%	0.028%
82	14.663	2091	2093	2097	rVV3	1554	1990	0.12%	0.013%
83	14.724	2100	2103	2108	rVB4	946	1371	0.08%	0.009%
84	14.785	2110	2113	2114	rBV3	650	576	0.04%	0.004%
85	14.889	2125	2130	2134	rBV4	4309	7353	0.45%	0.049%
86	14.956	2134	2141	2150	rBV5	21806	42259	2.58%	0.283%
87	15.072	2158	2160	2165	rVB6	1171	1499	0.09%	0.010%
88	15.182	2173	2178	2186	rBV4	10156	18277	1.12%	0.122%
89	15.395	2210	2213	2225	rVB7	1950	4459	0.27%	0.030%
90	15.480	2225	2227	2230	rBV4	657	883	0.05%	0.006%
91	15.553	2236	2239	2246	rVB7	2865	4502	0.28%	0.030%
92	15.614	2246	2249	2252	rBV4	736	1076	0.07%	0.007%
93	15.663	2255	2257	2261	rVB5	612	634	0.04%	0.004%
94	15.761	2269	2273	2277	rBV5	1432	2526	0.15%	0.017%
95	15.846	2283	2287	2295	rBV7	2568	5509	0.34%	0.037%
96	15.962	2304	2306	2309	rVV3	1091	1043	0.06%	0.007%
97	16.096	2326	2328	2334	rVB6	1539	2378	0.15%	0.016%
98	16.687	2422	2425	2428	rVV4	754	971	0.06%	0.006%
99	16.718	2428	2430	2434	rVB4	817	970	0.06%	0.006%
100	16.748	2434	2435	2438	rBV3	695	591	0.04%	0.004%

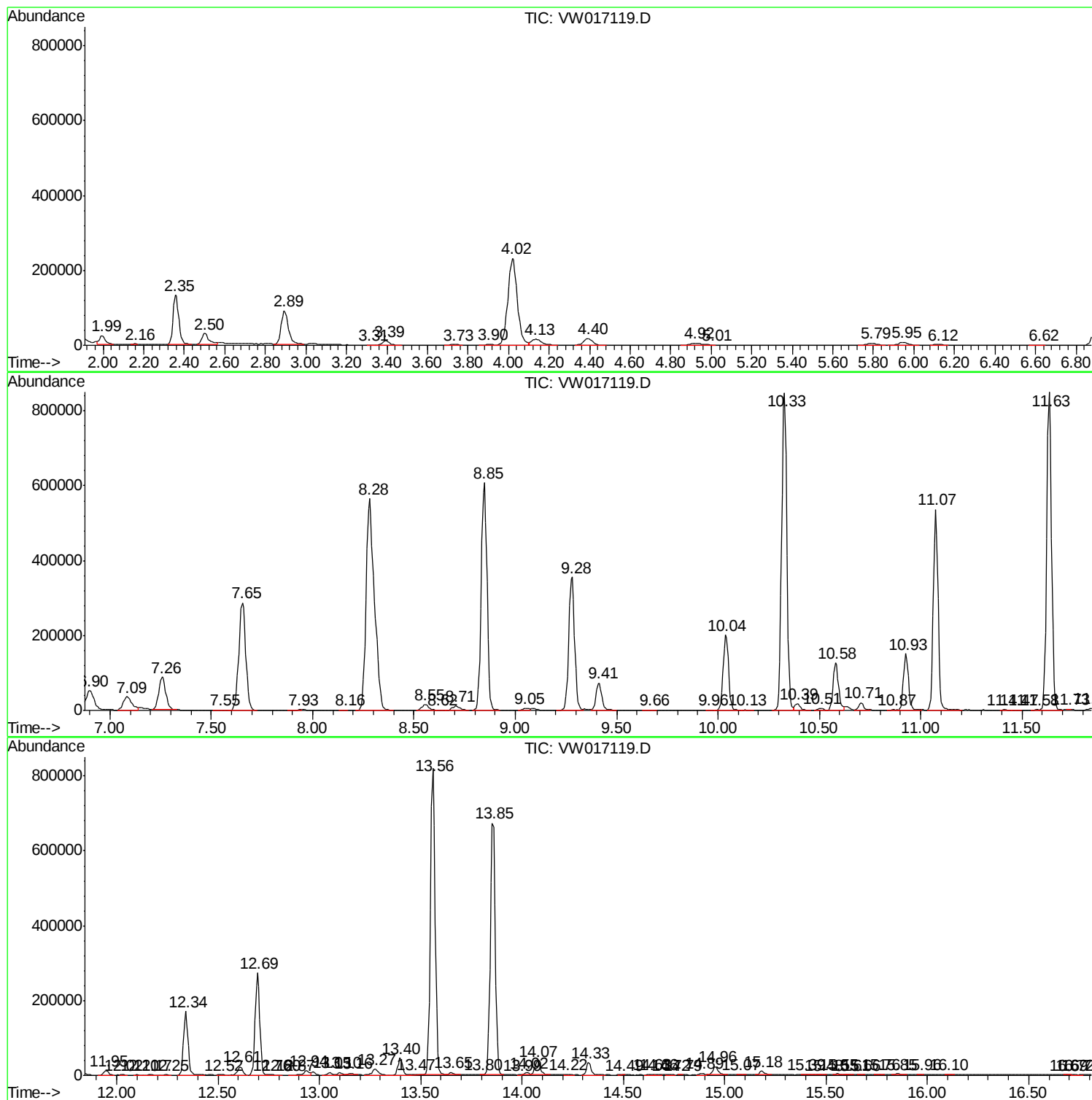
Sum of corrected areas: 14941951

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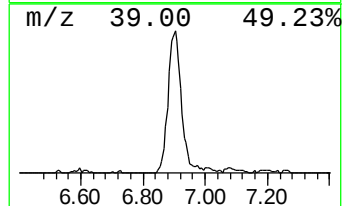
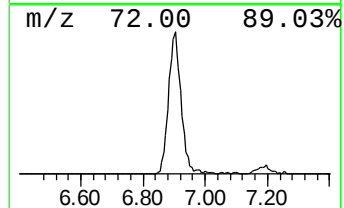
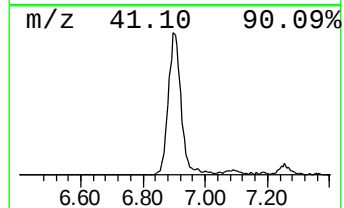
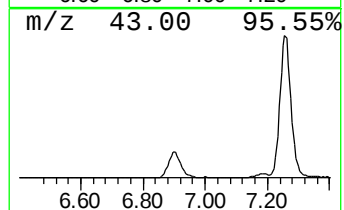
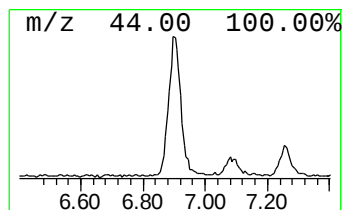
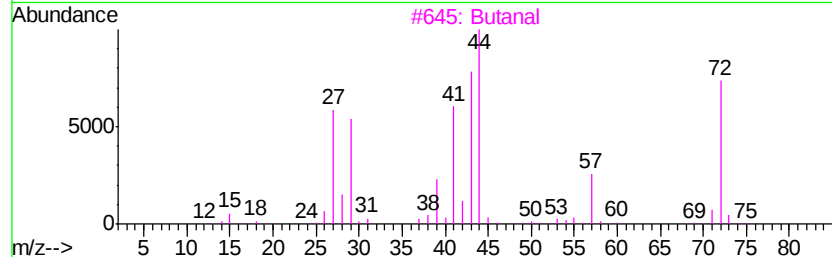
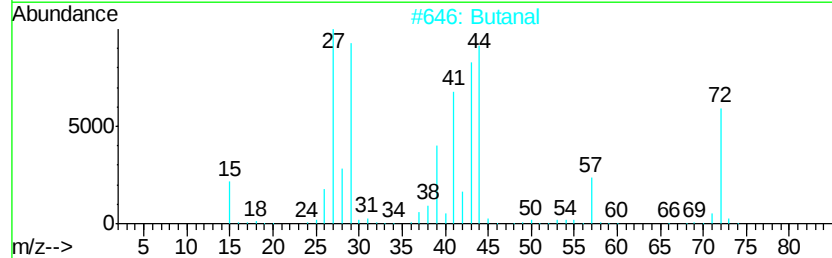
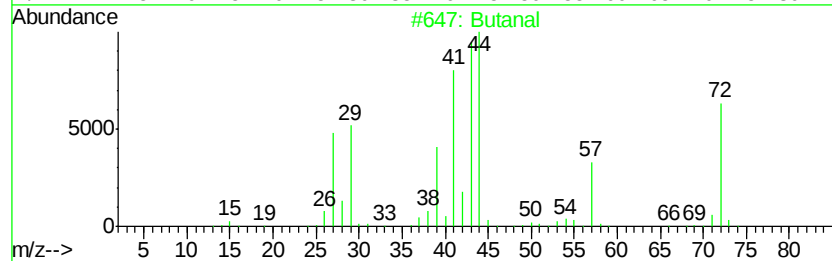
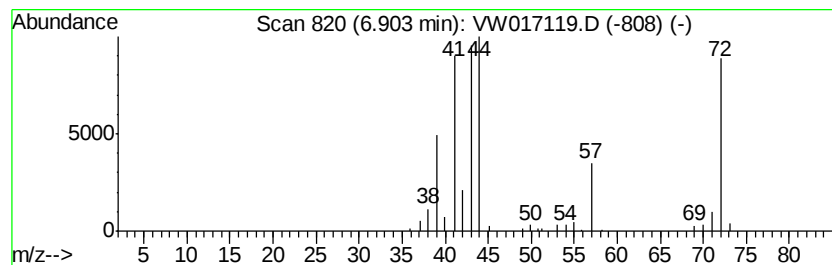
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 2 Butanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	3.22 ug/L	155128	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	45
4		Butanal	72	C4H8O	000123-72-8	43
5		Propanal, 2-methyl-	72	C4H8O	000078-84-2	38



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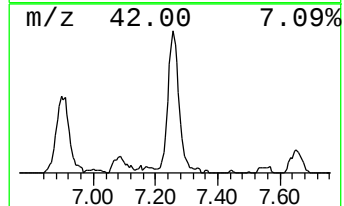
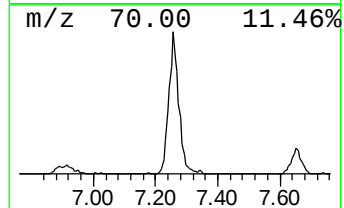
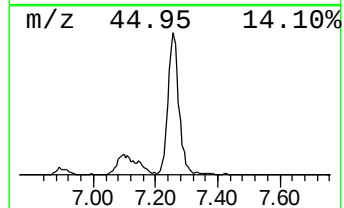
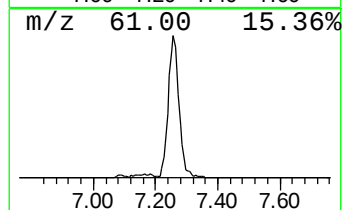
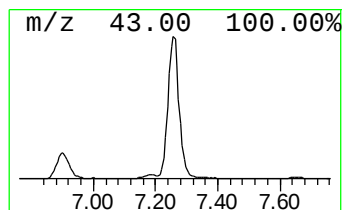
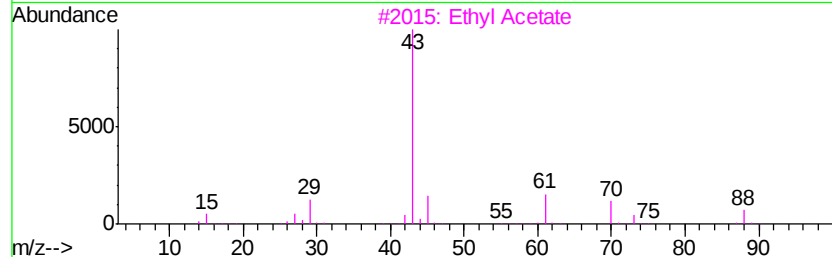
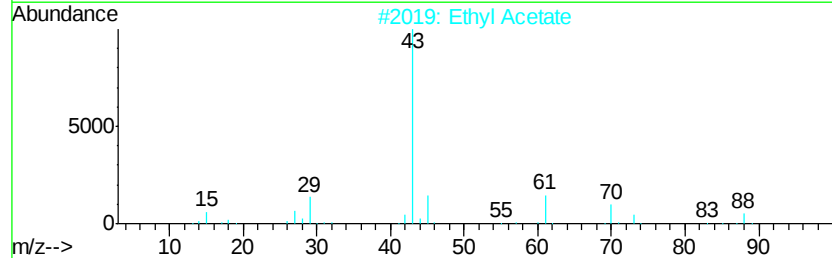
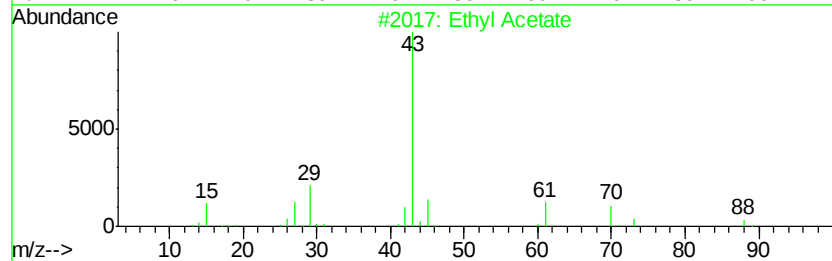
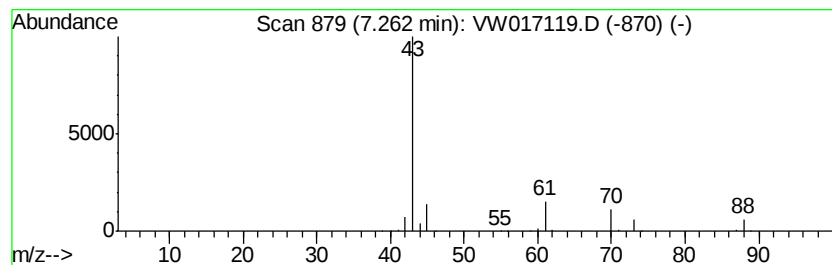
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 3 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	4.48 ug/L	215607	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	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	64



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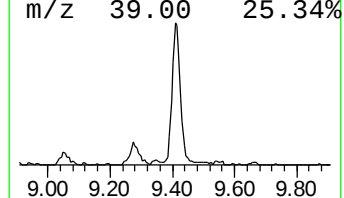
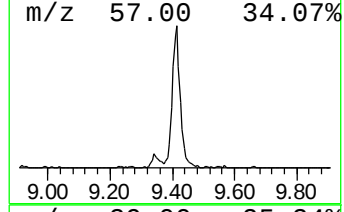
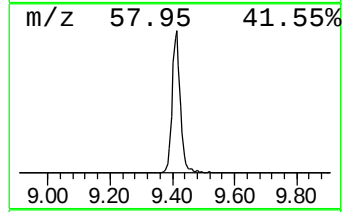
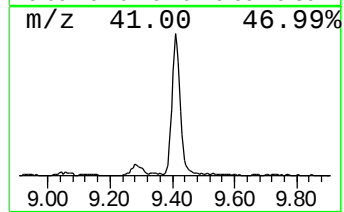
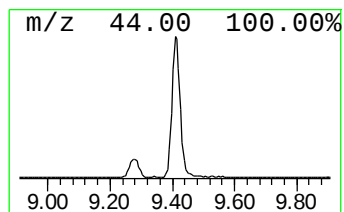
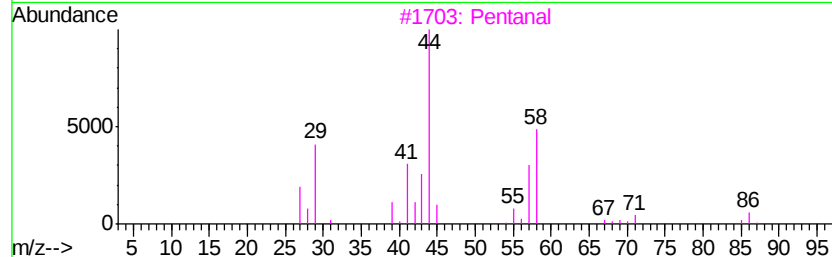
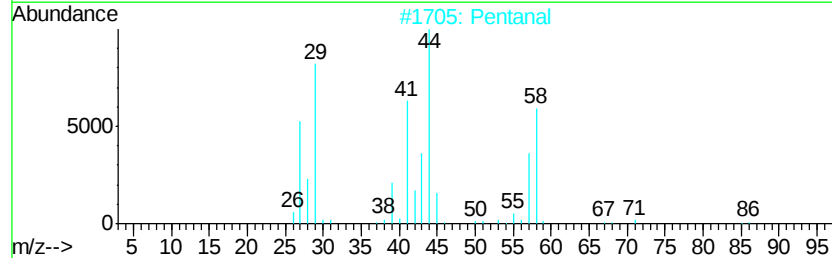
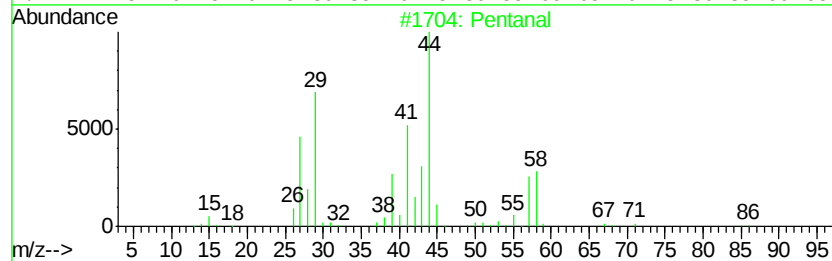
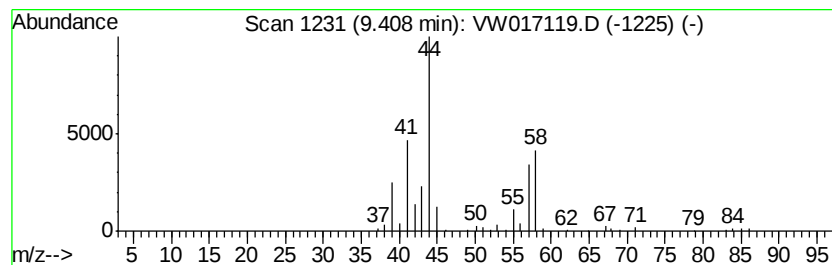
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Peak Number 4 Pentanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	2.89 ug/L	138968	1,4-Difluorobenzene	8.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal		86	C5H10O	000110-62-3	86
2	Pentanal		86	C5H10O	000110-62-3	78
3	Pentanal		86	C5H10O	000110-62-3	64
4	Cyclopropyl carbinol		72	C4H8O	002516-33-8	40
5	Butanal, 3-methyl-		86	C5H10O	000590-86-3	36



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110920\
Data File : VW017119.D
Acq On : 09 Nov 2020 16:42
Operator : SY/VA
Sample : L4673-02
Misc : 6.56G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0S3

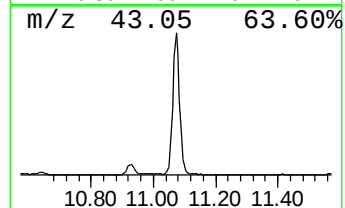
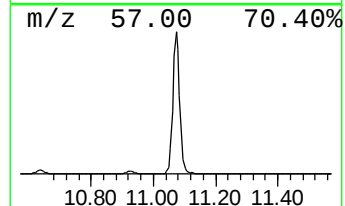
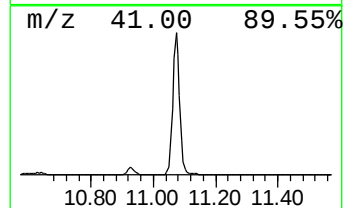
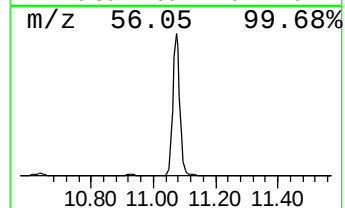
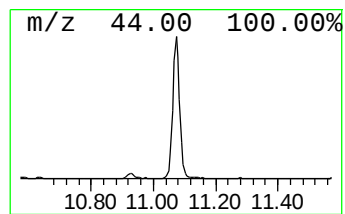
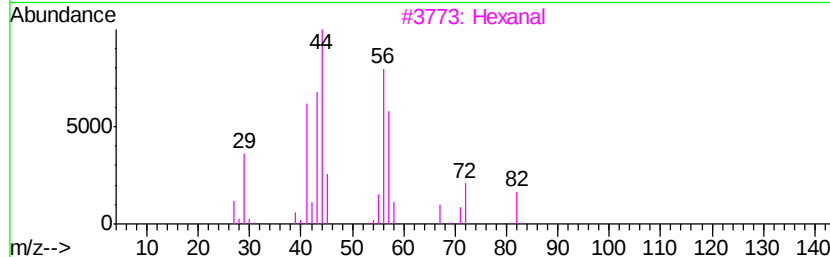
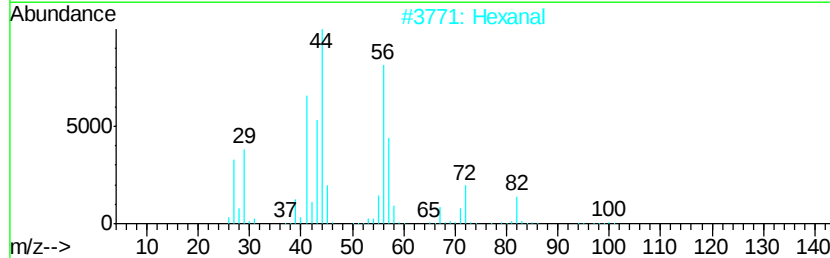
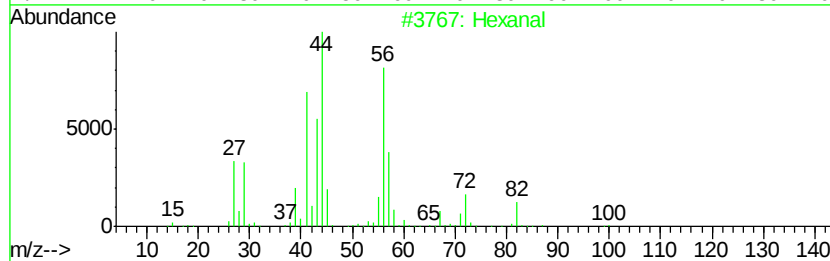
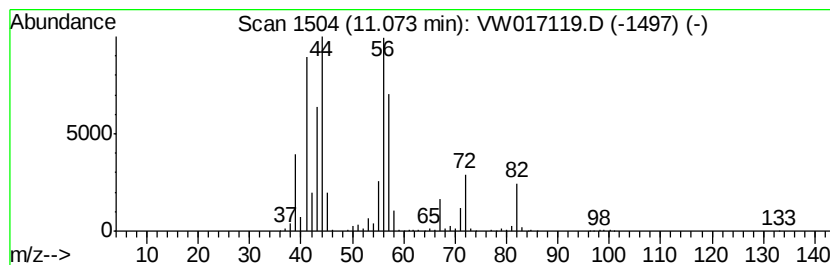
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Quant Title : VOC Analysis

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

Peak Number 6 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	15.53 ug/L	872721	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	74
2	Hexanal		100	C6H12O	000066-25-1	72
3	Hexanal		100	C6H12O	000066-25-1	64
4	Hexanal		100	C6H12O	000066-25-1	59
5	Butanal		72	C4H8O	000123-72-8	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110920\
Data File : VW017119.D
Acq On : 09 Nov 2020 16:42
Operator : SY/VA
Sample : L4673-02
Misc : 6.56G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0S3

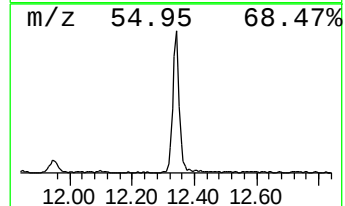
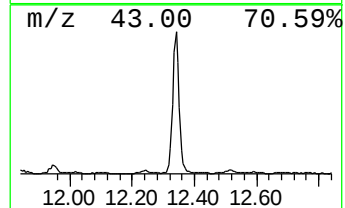
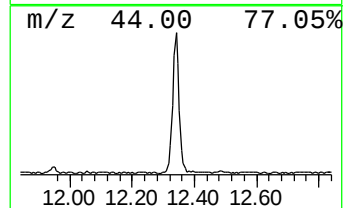
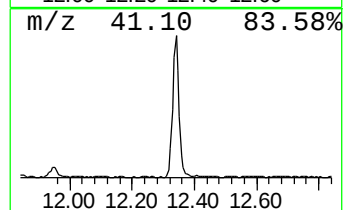
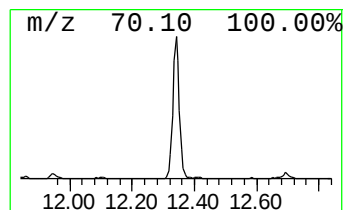
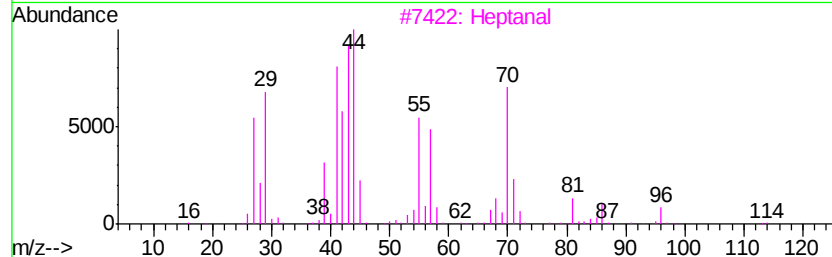
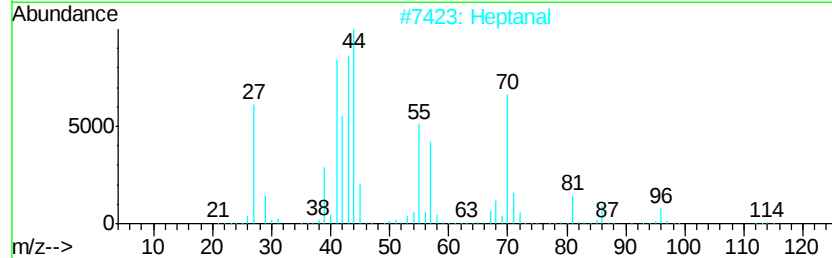
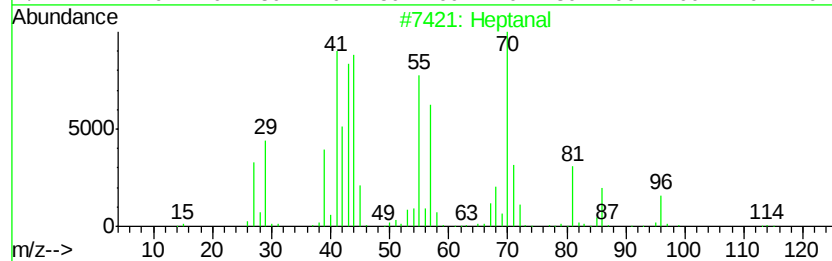
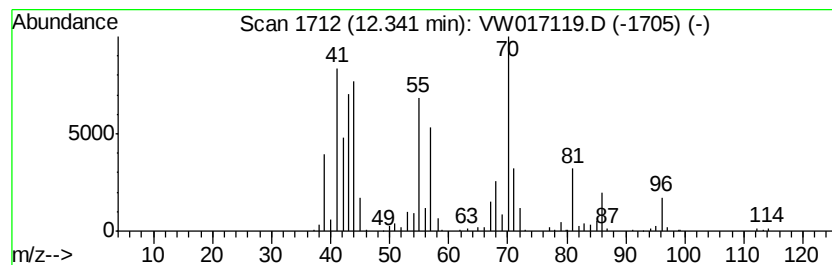
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Quant Title : VOC Analysis

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

Peak Number 7 Heptanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	4.64 ug/L	260878	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	76
5	Heptanal		114	C7H14O	000111-71-7	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110920\
Data File : VW017119.D
Acq On : 09 Nov 2020 16:42
Operator : SY/VA
Sample : L4673-02
Misc : 6.56G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0S3

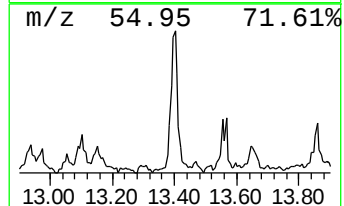
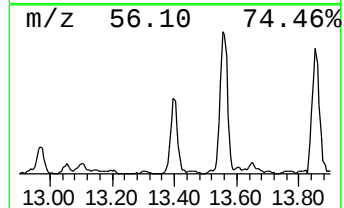
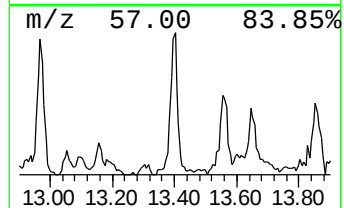
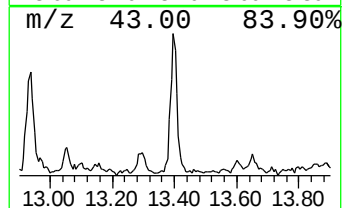
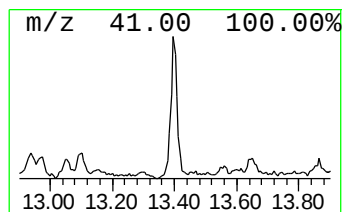
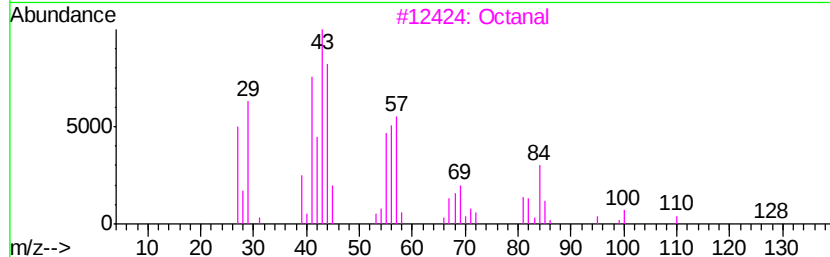
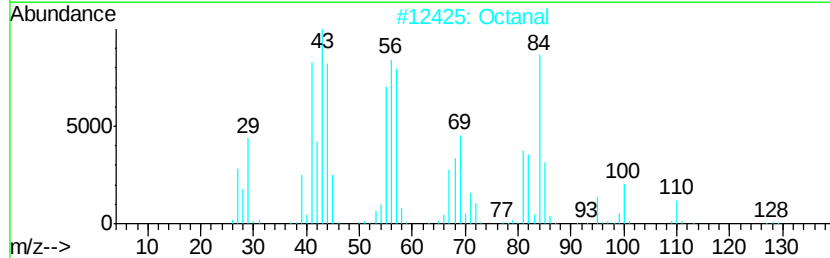
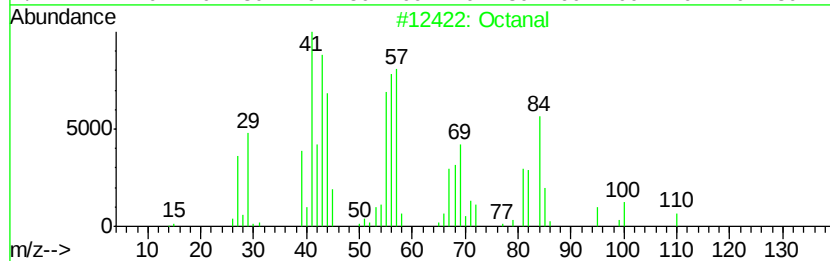
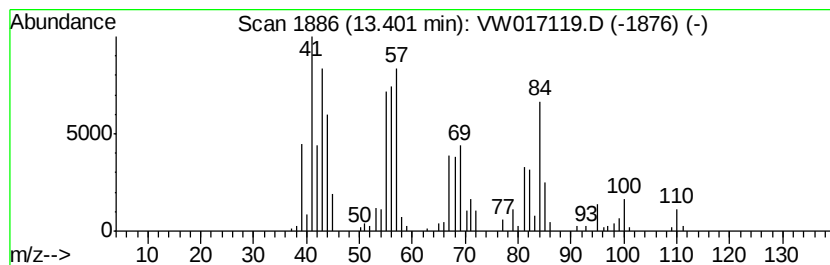
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Quant Title : VOC Analysis

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

Peak Number 8 Octanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	1.44 ug/L	75711	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal		128	C8H16O	000124-13-0	91
2	Octanal		128	C8H16O	000124-13-0	87
3	Octanal		128	C8H16O	000124-13-0	86
4	Octanal		128	C8H16O	000124-13-0	72
5	4-Ethoxycarbonyl-2-methyl-2-oxaz...		157	C7H11NO3	068683-04-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110920\
Data File : VW017119.D
Acq On : 09 Nov 2020 16:42
Operator : SY/VA
Sample : L4673-02
Misc : 6.56G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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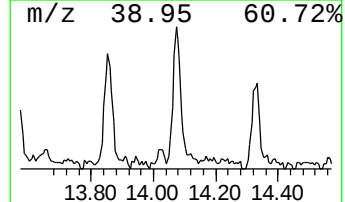
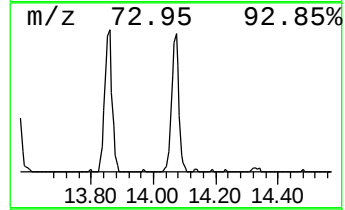
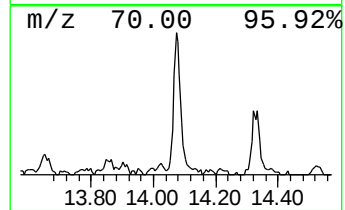
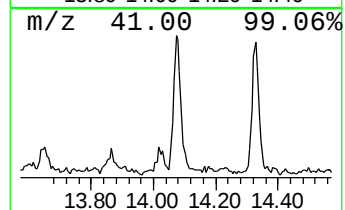
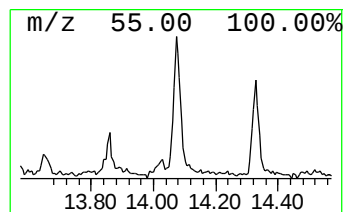
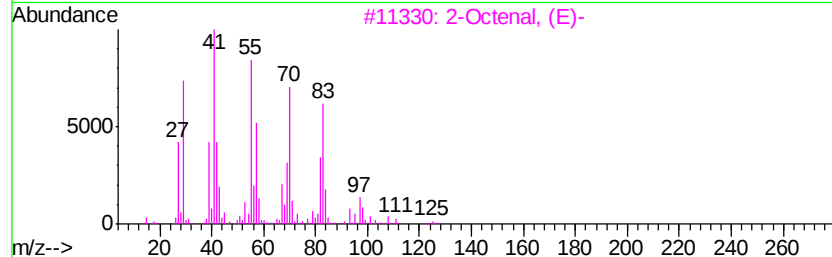
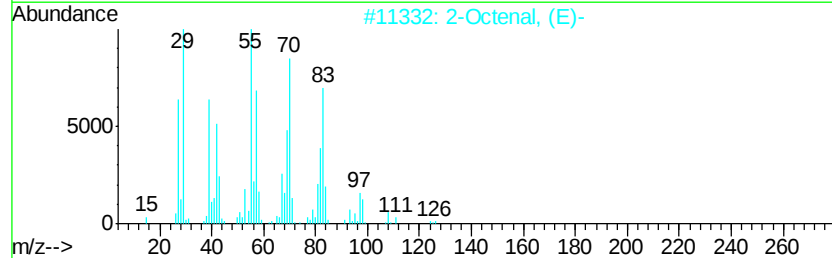
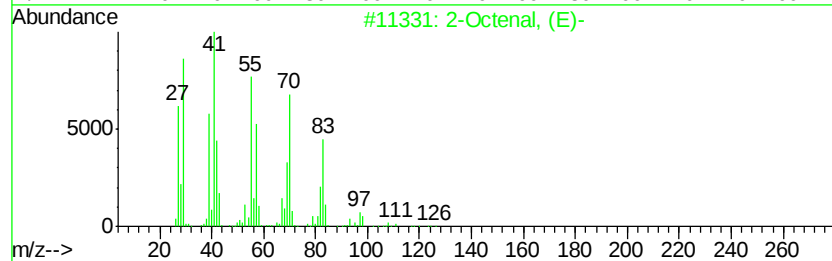
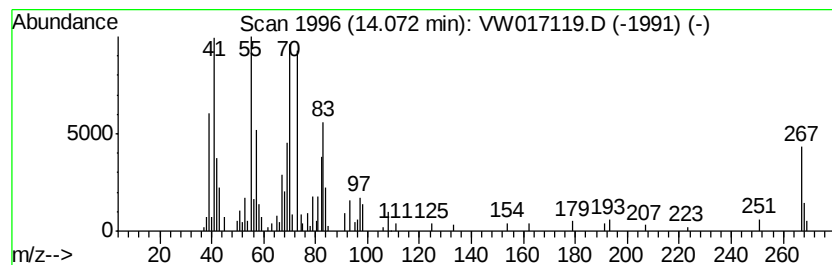
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Quant Title : VOC Analysis

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

Peak Number 9 2-Octenal, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	1.31 ug/L	68726	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octenal, (E)-	126	C8H14O	002548-87-0	43
2		2-Octenal, (E)-	126	C8H14O	002548-87-0	43
3		2-Octenal, (E)-	126	C8H14O	002548-87-0	38
4		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	30
5		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	27



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110920\
Data File : VW017119.D
Acq On : 09 Nov 2020 16:42
Operator : SY/VA
Sample : L4673-02
Misc : 6.56G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0S3

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
Butanal	6.90	3.2	ug/L	155128	1	8.85	1203940	25.0
Ethyl Acetate	7.26	4.5	ug/L	215607	1	8.85	1203940	25.0
Pentanal	9.41	2.9	ug/L	138968	1	8.85	1203940	25.0
Hexanal	11.07	15.5	ug/L	872721	2	11.63	1405260	25.0
Heptanal	12.34	4.6	ug/L	260878	2	11.63	1405260	25.0
Octanal	13.40	1.4	ug/L	75711	3	13.56	1310980	25.0
2-Octenal, (E)-	14.07	1.3	ug/L	68726	3	13.56	1310980	25.0