

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111819\
 Data File : VW014056.D
 Acq On : 18 Nov 2019 12:08
 Operator : SY/VA
 Sample : K5855-01
 Misc : 7.93G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQF3

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\SOM2WLM111119S.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	2.154	36	41	60	rBV2	21174	68777	4.26%	0.581%
2	2.349	67	73	83	rBV	106774	200397	12.41%	1.692%
3	2.489	92	96	104	rBV	10805	19158	1.19%	0.162%
4	2.885	154	161	174	rBV	76894	185480	11.49%	1.566%
5	3.026	177	184	191	rBV5	7183	18107	1.12%	0.153%
6	3.294	224	228	232	rBV3	894	1441	0.09%	0.012%
7	3.385	236	243	253	rVB2	9070	22684	1.40%	0.192%
8	3.538	265	268	274	rVB3	1282	1867	0.12%	0.016%
9	3.721	291	298	301	rBV3	1967	4047	0.25%	0.034%
10	3.891	319	326	333	rBV2	2251	5016	0.31%	0.042%
11	4.013	333	346	358	rBV3	171871	626539	38.80%	5.290%
12	4.379	394	406	418	rBV2	11744	37420	2.32%	0.316%
13	5.422	570	577	586	rBV4	1796	5380	0.33%	0.045%
14	5.787	629	637	647	rVB5	3668	11608	0.72%	0.098%
15	5.934	652	661	671	rBV3	4483	11604	0.72%	0.098%
16	6.104	682	689	700	rVB5	1719	5681	0.35%	0.048%
17	6.891	808	818	829	rBV2	50714	148889	9.22%	1.257%
18	7.074	839	848	875	rVB	57638	194933	12.07%	1.646%
19	7.647	931	942	957	rVV	264168	653990	40.50%	5.522%
20	7.952	981	992	1000	rBV7	3954	13083	0.81%	0.110%
21	8.153	1020	1025	1030	rVV4	1359	3117	0.19%	0.026%
22	8.269	1033	1044	1061	rBV2	530066	1614732	100.00%	13.633%
23	8.403	1065	1066	1074	rVV6	1388	2706	0.17%	0.023%
24	8.506	1080	1083	1084	rVV2	1147	859	0.05%	0.007%
25	8.549	1084	1090	1099	rVB6	4651	11365	0.70%	0.096%
26	8.701	1107	1115	1126	rBV6	5644	15853	0.98%	0.134%
27	8.836	1128	1137	1151	rBV	389437	777237	48.13%	6.562%
28	9.043	1164	1171	1174	rBV3	3973	7061	0.44%	0.060%
29	9.268	1195	1208	1216	rBV	361370	744958	46.14%	6.290%
30	9.402	1224	1230	1243	rVB	53533	101865	6.31%	0.860%
31	9.512	1245	1248	1251	rVB4	1053	1369	0.08%	0.012%
32	9.598	1259	1262	1264	rBV3	837	999	0.06%	0.008%
33	9.652	1267	1271	1276	rVV6	3320	6191	0.38%	0.052%
34	9.744	1283	1286	1289	rVB2	762	970	0.06%	0.008%

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35	9.951	1316	1320	1325	rBV4	768	1335	0.08%	0.011%
36	10.030	1325	1333	1341	rBV	196484	353615	21.90%	2.986%
37	10.207	1358	1362	1366	rBV3	1081	1335	0.08%	0.011%
38	10.323	1371	1381	1387	rBV	717600	1277122	79.09%	10.783%
39	10.384	1387	1391	1403	rVB	48260	87401	5.41%	0.738%
40	10.494	1403	1409	1415	rBV6	4930	10094	0.63%	0.085%
41	10.573	1415	1422	1437	rBV2	129824	245645	15.21%	2.074%
42	10.701	1438	1443	1448	rVB	10766	17294	1.07%	0.146%
43	10.860	1466	1469	1472	rVB3	1713	2374	0.15%	0.020%
44	10.921	1472	1479	1496	rBV	242105	400652	24.81%	3.383%
45	11.067	1496	1503	1516	rBV	376265	617429	38.24%	5.213%
46	11.225	1527	1529	1534	rVB3	1114	1014	0.06%	0.009%
47	11.280	1534	1538	1543	rVV5	870	1253	0.08%	0.011%
48	11.341	1545	1548	1552	rBV3	817	1161	0.07%	0.010%
49	11.561	1579	1584	1587	rVV3	1553	2247	0.14%	0.019%
50	11.628	1587	1595	1605	rVV	505753	852681	52.81%	7.199%
51	11.725	1606	1611	1619	rVV	14078	24124	1.49%	0.204%
52	11.835	1620	1629	1638	rVV	11842	27343	1.69%	0.231%
53	11.945	1642	1647	1655	rVB4	10955	18786	1.16%	0.159%
54	12.018	1655	1659	1664	rBV3	1451	2486	0.15%	0.021%
55	12.097	1668	1672	1676	rBV4	1542	2223	0.14%	0.019%
56	12.164	1676	1683	1688	rBV4	7133	12602	0.78%	0.106%
57	12.237	1691	1695	1697	rBV5	1650	2549	0.16%	0.022%
58	12.335	1704	1711	1717	rBV2	53593	87149	5.40%	0.736%
59	12.463	1728	1732	1737	rVB7	2469	4607	0.29%	0.039%
60	12.603	1749	1755	1761	rVB	40552	68038	4.21%	0.574%
61	12.688	1762	1769	1777	rVV	265654	430583	26.67%	3.635%
62	12.756	1777	1780	1783	rVV2	3216	4564	0.28%	0.039%
63	12.798	1785	1787	1792	rVB2	1869	2485	0.15%	0.021%
64	12.865	1794	1798	1800	rBV3	3228	4132	0.26%	0.035%
65	12.896	1800	1803	1806	rVV5	3280	5335	0.33%	0.045%
66	12.932	1806	1809	1815	rVV4	5684	9756	0.60%	0.082%
67	13.042	1822	1827	1831	rBV5	2602	4389	0.27%	0.037%
68	13.097	1831	1836	1841	rBV3	10418	17059	1.06%	0.144%
69	13.158	1841	1846	1852	rVB6	4627	8177	0.51%	0.069%
70	13.249	1857	1861	1864	rBV3	4982	7368	0.46%	0.062%
71	13.396	1878	1885	1894	rBV2	19711	33017	2.04%	0.279%

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72	13.487	1898	1900	1904	rVV3	1551	2118	0.13%	0.018%
73	13.554	1904	1911	1921	rVV	399980	647295	40.09%	5.465%
74	13.646	1921	1926	1934	rVV2	31377	48367	3.00%	0.408%
75	13.719	1935	1938	1941	rVV5	1195	1540	0.10%	0.013%
76	13.755	1941	1944	1947	rVV4	2090	2416	0.15%	0.020%
77	13.786	1947	1949	1952	rVB4	865	853	0.05%	0.007%
78	13.853	1952	1960	1968	rBV	384468	627292	38.85%	5.296%
79	14.024	1985	1988	1989	rBV2	947	1057	0.07%	0.009%
80	14.072	1989	1996	2002	rVV	54831	94683	5.86%	0.799%
81	14.139	2005	2007	2012	rBV5	1124	1496	0.09%	0.013%
82	14.200	2015	2017	2024	rVB4	1200	2231	0.14%	0.019%
83	14.328	2033	2038	2045	rBV3	15722	25953	1.61%	0.219%
84	14.420	2050	2053	2058	rVB4	935	1493	0.09%	0.013%
85	14.487	2061	2064	2067	rBV3	1078	1676	0.10%	0.014%
86	14.566	2074	2077	2079	rBV3	697	1005	0.06%	0.008%
87	14.609	2081	2084	2085	rVV3	851	798	0.05%	0.007%
88	14.621	2085	2086	2090	rVB4	1445	1730	0.11%	0.015%
89	14.719	2099	2102	2106	rVB4	1197	1904	0.12%	0.016%
90	14.950	2136	2140	2146	rVB7	3669	6262	0.39%	0.053%
91	15.182	2174	2178	2180	rBV4	2189	2988	0.19%	0.025%
92	15.353	2203	2206	2207	rBV3	1177	1021	0.06%	0.009%
93	15.371	2207	2209	2212	rVV5	1224	1588	0.10%	0.013%
94	15.493	2222	2229	2236	rVV	104996	183720	11.38%	1.551%
95	15.956	2302	2305	2307	rBV3	935	1056	0.07%	0.009%
96	16.096	2326	2328	2332	rVB5	1292	1262	0.08%	0.011%
97	16.212	2345	2347	2349	rBV3	977	877	0.05%	0.007%
98	16.328	2362	2366	2372	rVB6	2689	4913	0.30%	0.041%
99	16.395	2375	2377	2381	rVB5	666	803	0.05%	0.007%
100	16.432	2381	2383	2385	rBV3	1072	835	0.05%	0.007%

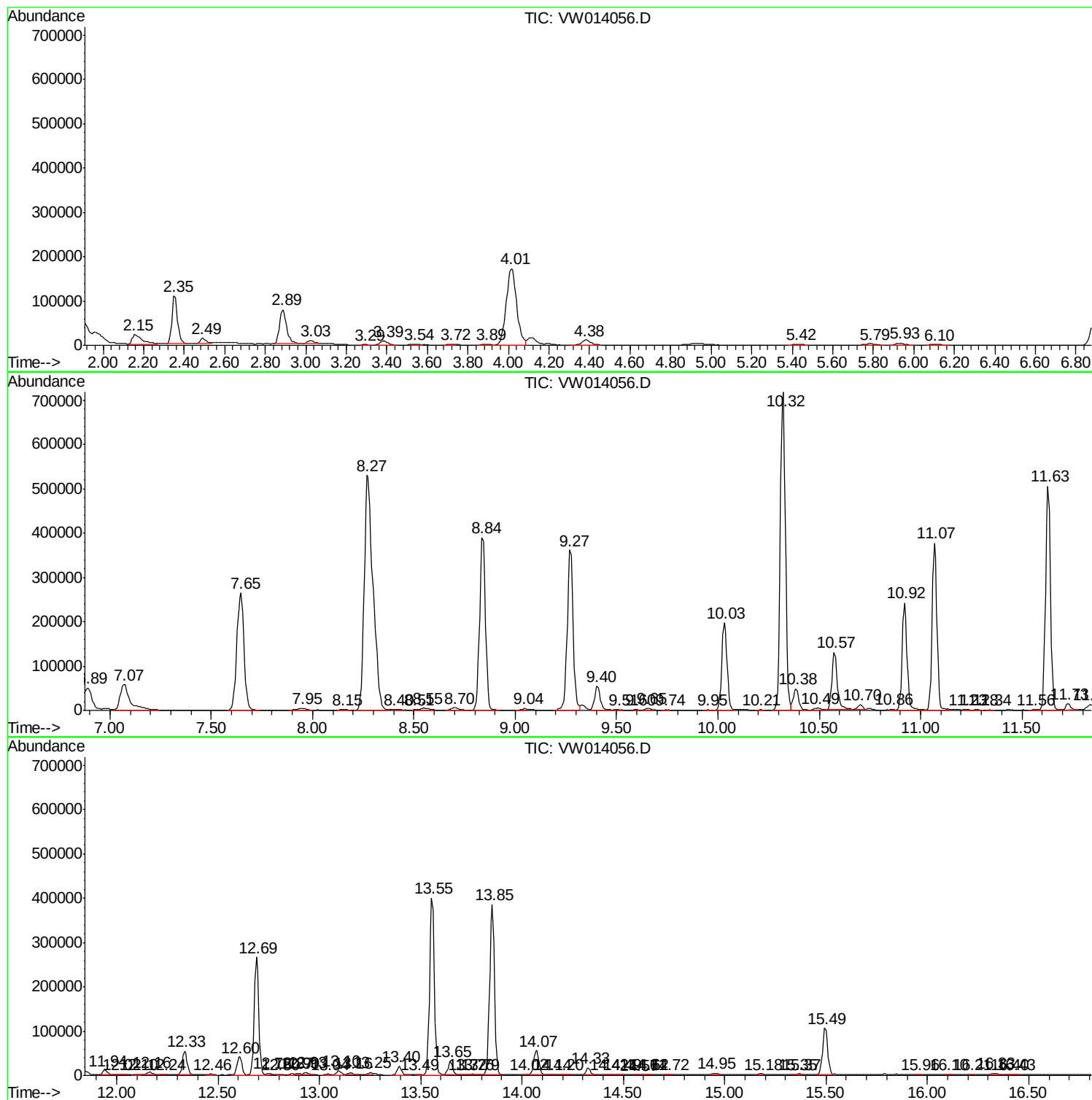
Sum of corrected areas: 11844039

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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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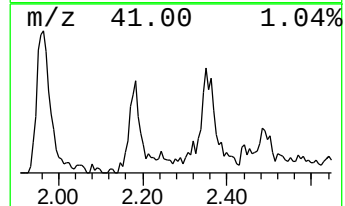
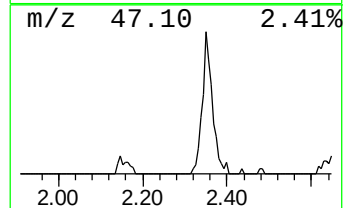
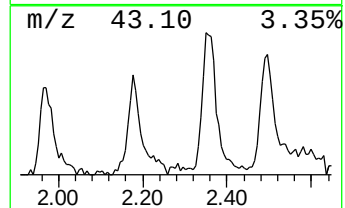
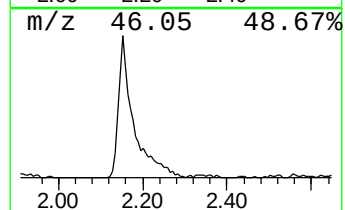
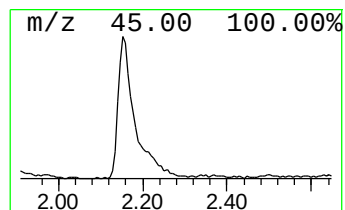
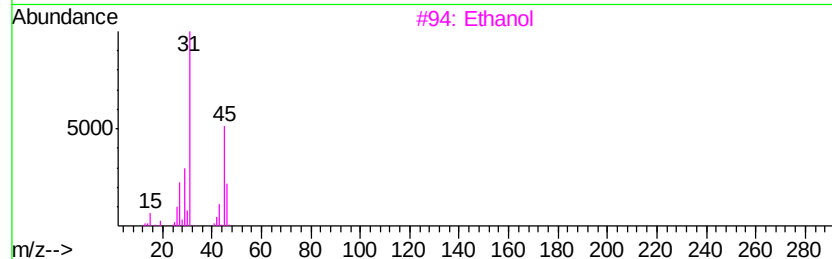
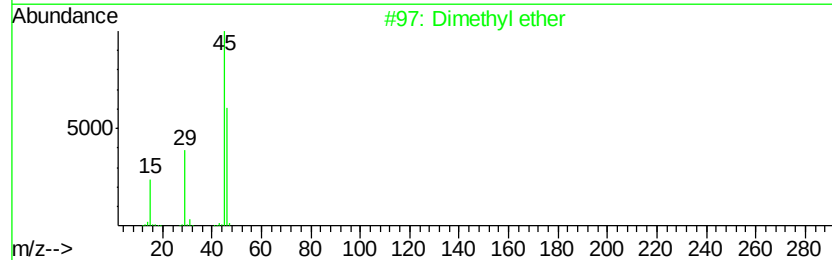
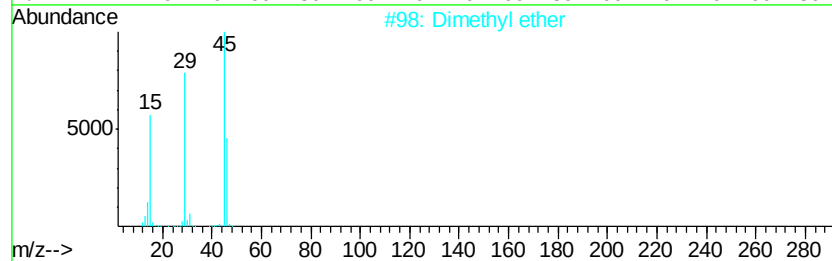
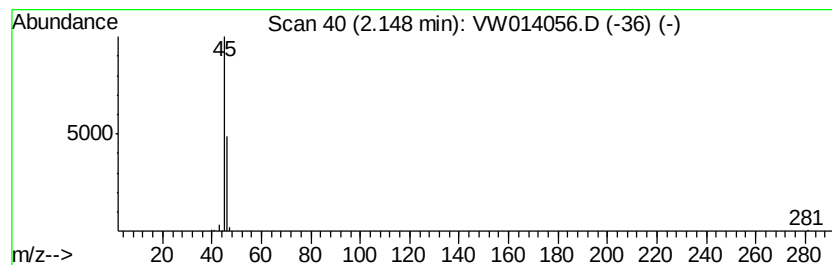
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	2.21 ug/L	68777	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl ether	46	C2H6O	000115-10-6	9
2		Dimethyl ether	46	C2H6O	000115-10-6	9
3		Ethanol	46	C2H6O	000064-17-5	4
4		Ethanol	46	C2H6O	000064-17-5	4
5		Hydrazine, methyl-	46	CH6N2	000060-34-4	4



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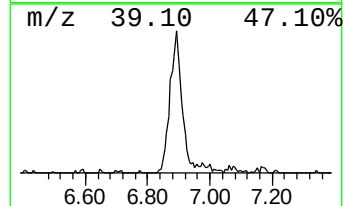
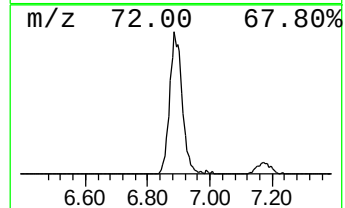
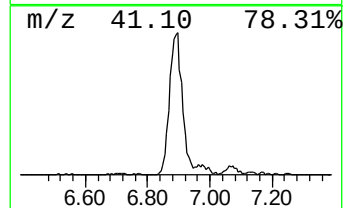
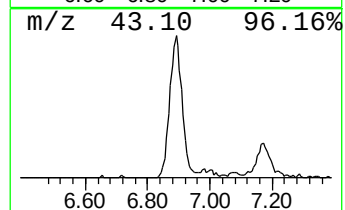
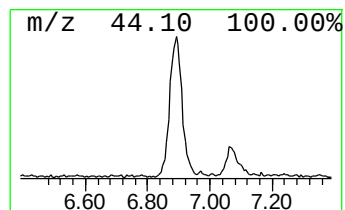
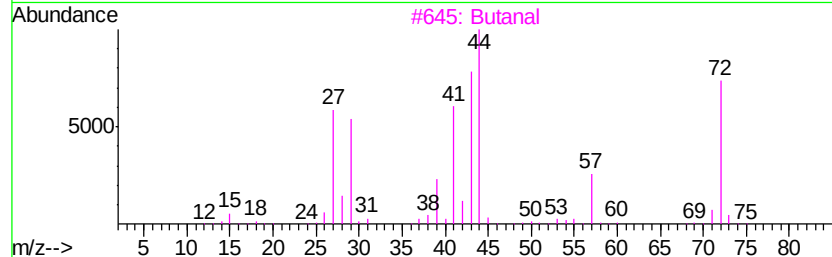
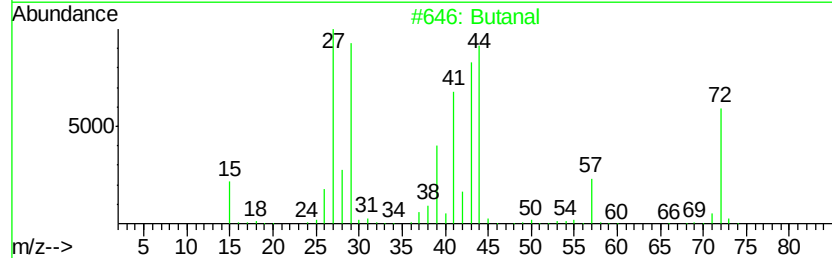
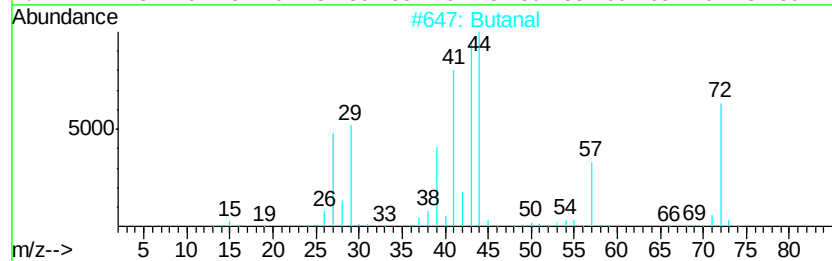
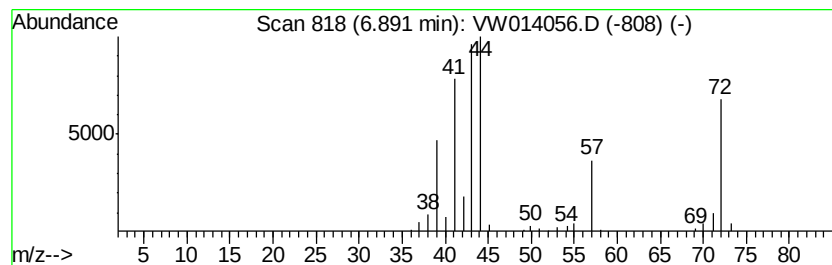
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	4.79 ug/L	148889	1,4-Difluorobenzene	8.84

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	72
4		Butanal	72	C4H8O	000123-72-8	41
5		Ethene, ethoxy-	72	C4H8O	000109-92-2	40



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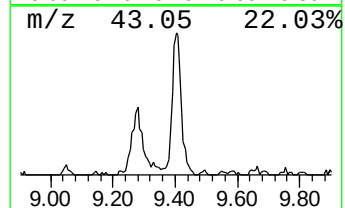
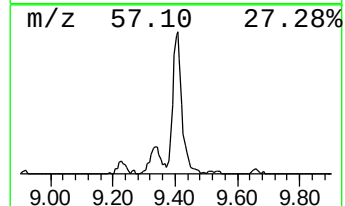
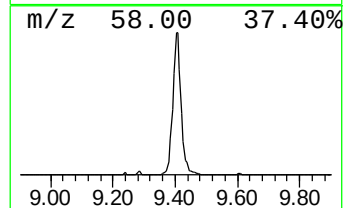
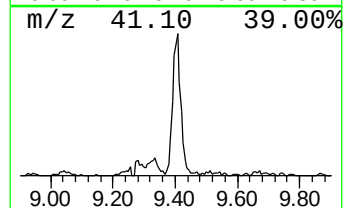
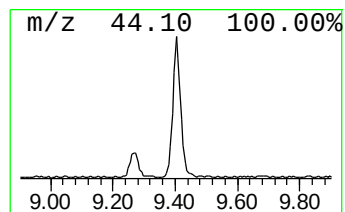
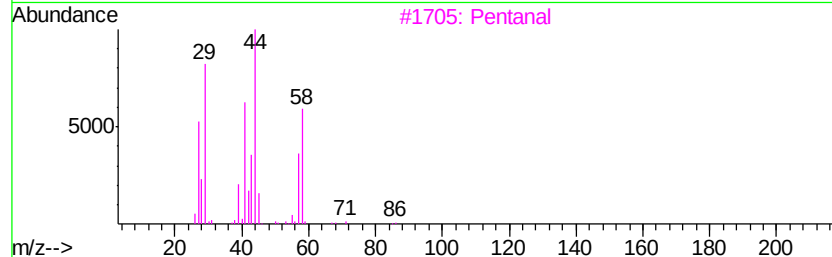
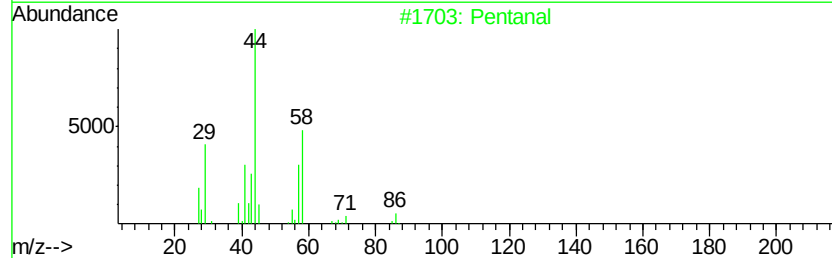
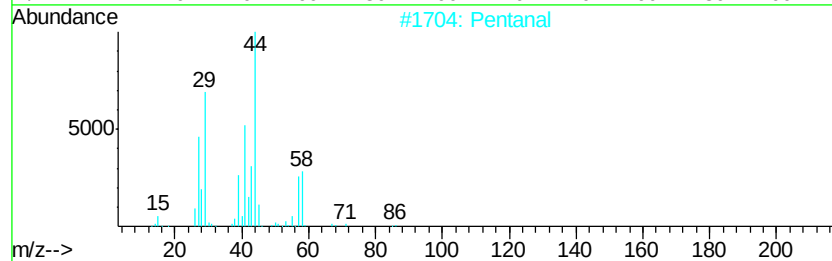
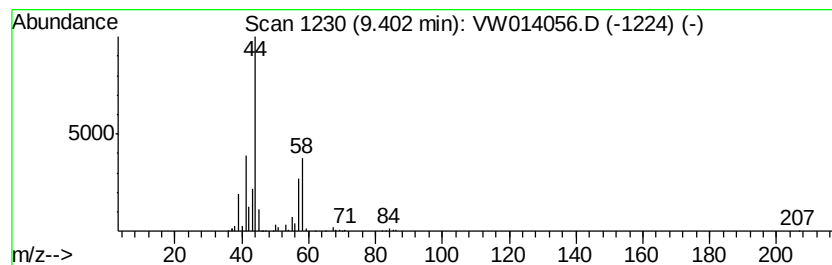
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Quant Title : VOC Analysis

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Peak Number 3 Pentanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	3.28 ug/L	101865	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	78
2		Pentanal	86	C5H10O	000110-62-3	78
3		Pentanal	86	C5H10O	000110-62-3	52
4		Butanal, 3-methyl-	86	C5H10O	000590-86-3	40
5		Cyclopropyl carbinol	72	C4H8O	002516-33-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111819\
Data File : VW014056.D
Acq On : 18 Nov 2019 12:08
Operator : SY/VA
Sample : K5855-01
Misc : 7.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAQF3

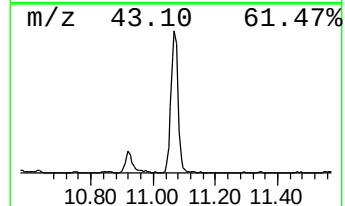
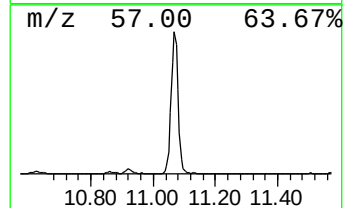
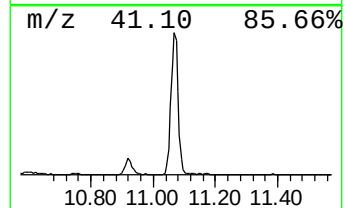
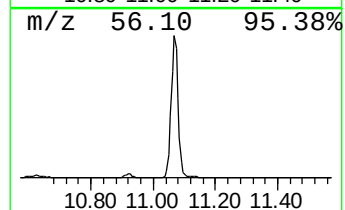
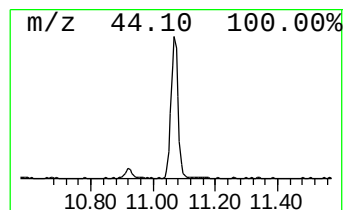
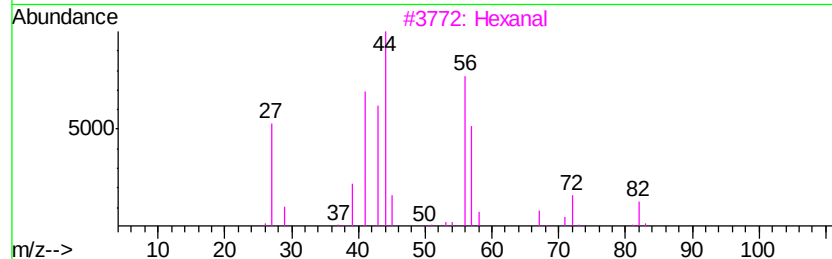
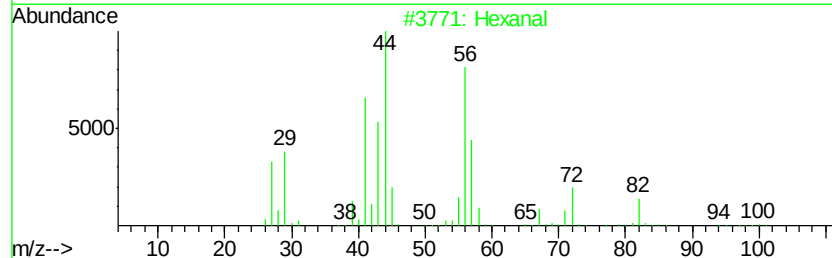
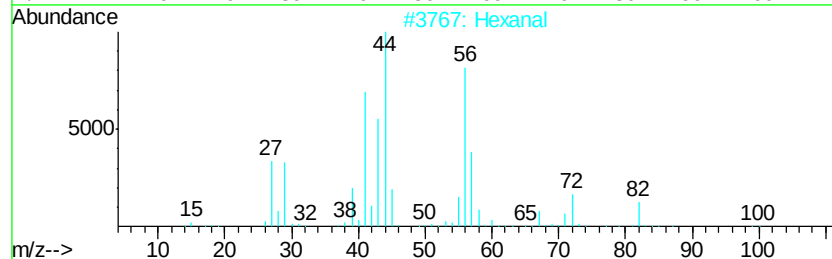
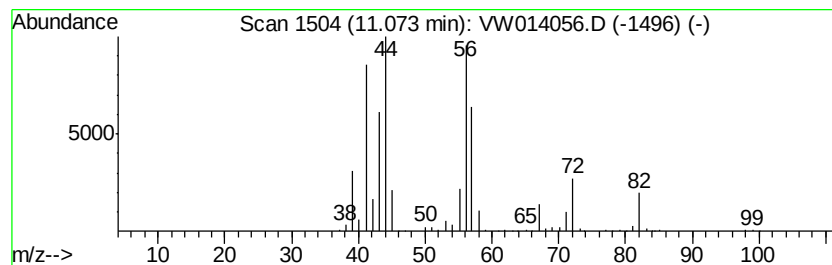
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Quant Title : VOC Analysis

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

Peak Number 5 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	18.10 ug/L	617429	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	94
2	Hexanal		100	C6H12O	000066-25-1	90
3	Hexanal		100	C6H12O	000066-25-1	90
4	Hexanal		100	C6H12O	000066-25-1	83
5	Glutaraldehyde		100	C5H8O2	000111-30-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111819\
Data File : VW014056.D
Acq On : 18 Nov 2019 12:08
Operator : SY/VA
Sample : K5855-01
Misc : 7.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAQF3

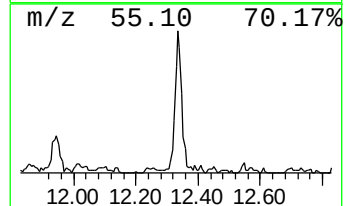
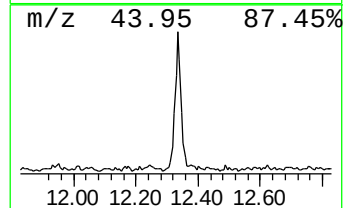
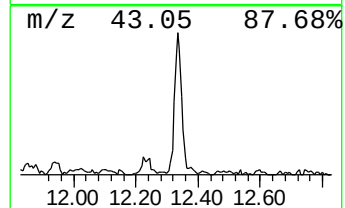
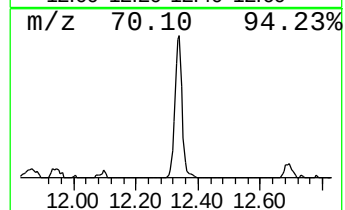
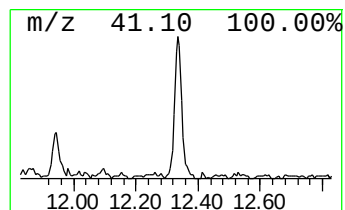
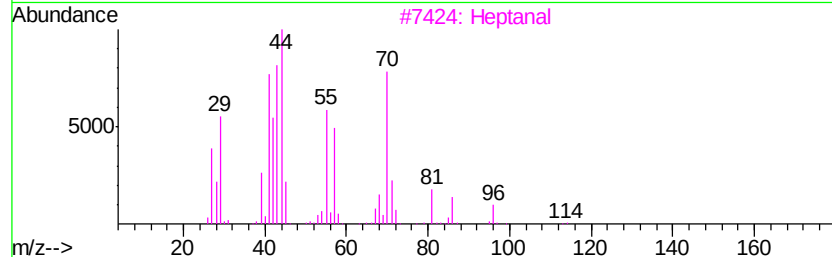
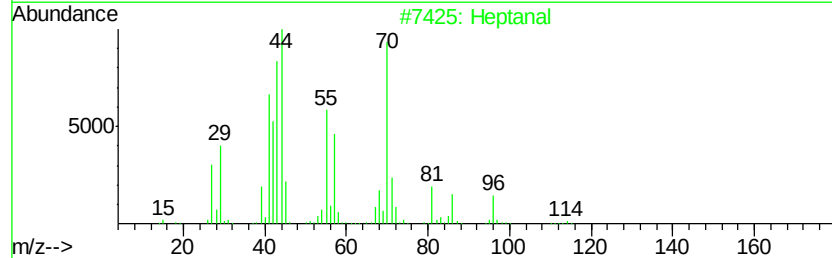
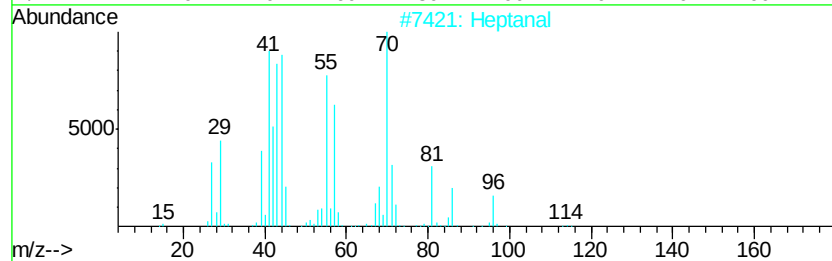
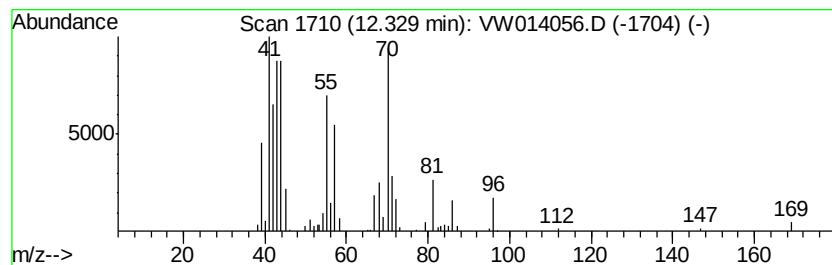
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Quant Title : VOC Analysis

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

Peak Number 6 Heptanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.56 ug/L	87149	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal		114	C7H14O	000111-71-7	93
2	Heptanal		114	C7H14O	000111-71-7	90
3	Heptanal		114	C7H14O	000111-71-7	86
4	Heptanal		114	C7H14O	000111-71-7	74
5	Heptanal		114	C7H14O	000111-71-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111819\
Data File : VW014056.D
Acq On : 18 Nov 2019 12:08
Operator : SY/VA
Sample : K5855-01
Misc : 7.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

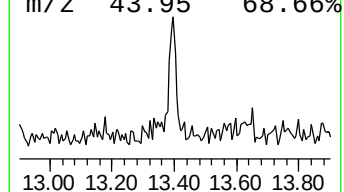
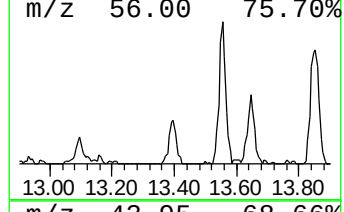
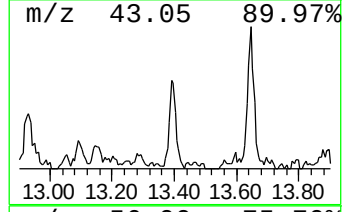
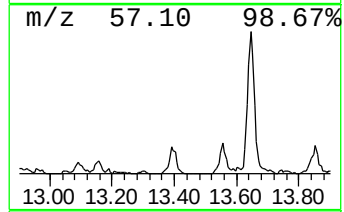
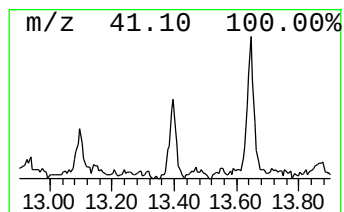
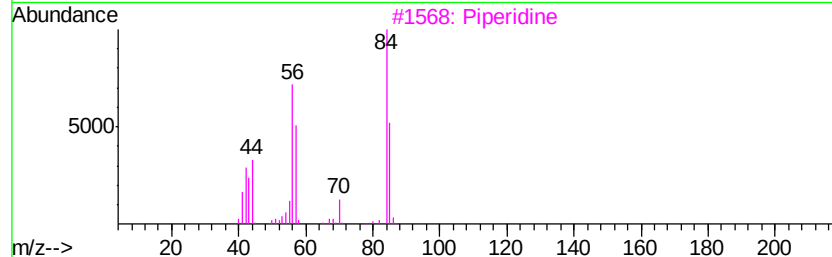
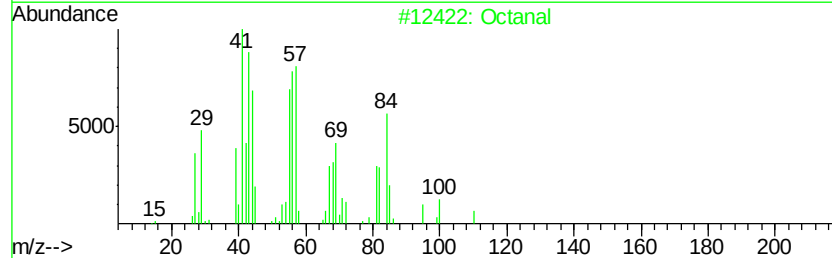
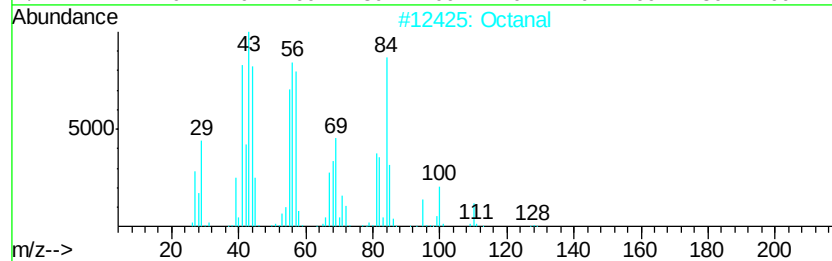
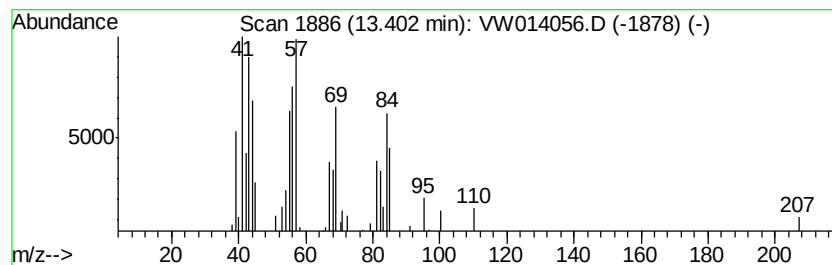
Instrument :
MSVOA_W
ClientSampleId :
GAQF3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 8 Octanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	1.28 ug/L	33017	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octanal	128 C8H16O	000124-13-0	87
2	Octanal	128 C8H16O	000124-13-0	80
3	Piperidine	85 C5H11N	000110-89-4	62
4	Octanal	128 C8H16O	000124-13-0	59
5	1,2-Cyclopentanediol, trans-	102 C5H10O2	005057-99-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111819\
Data File : VW014056.D
Acq On : 18 Nov 2019 12:08
Operator : SY/VA
Sample : K5855-01
Misc : 7.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAQF3

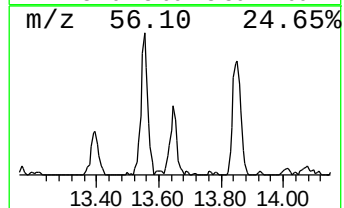
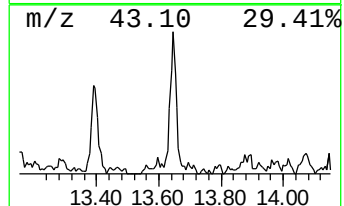
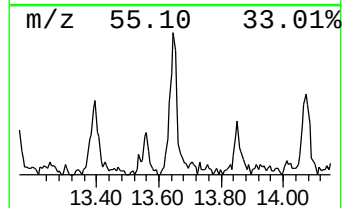
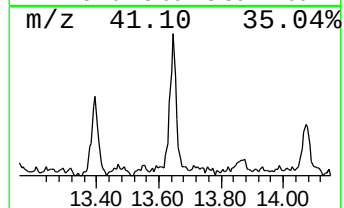
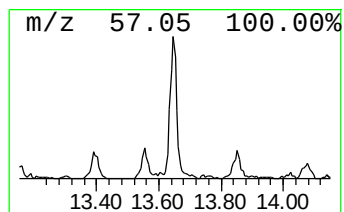
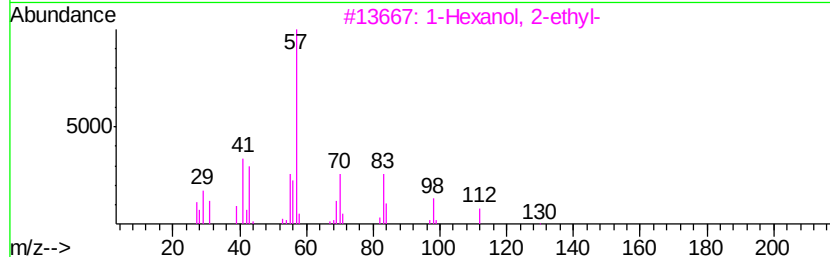
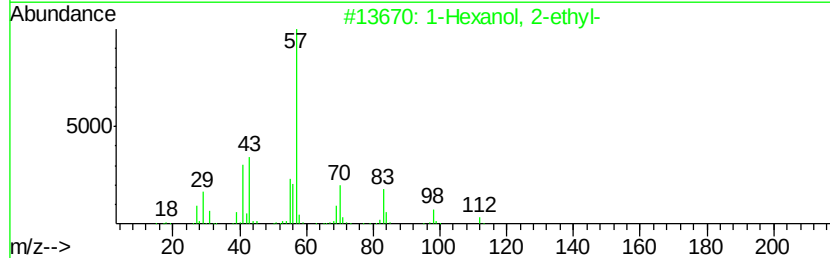
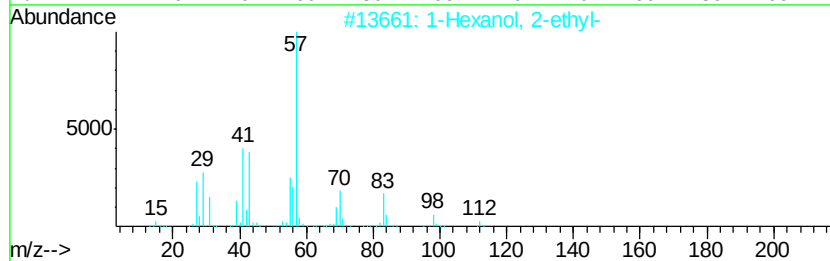
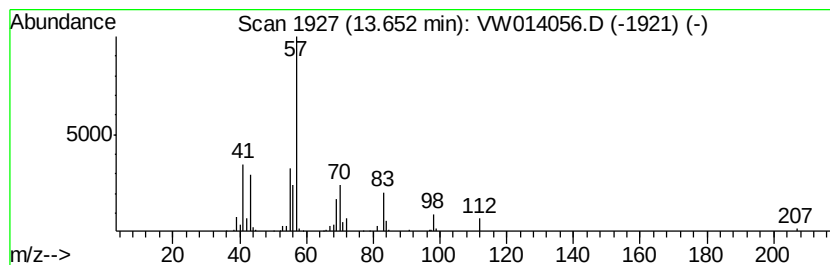
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Quant Title : VOC Analysis

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

Peak Number 9 1-Hexanol, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.87 ug/L	48367	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	80
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
5			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111819\
Data File : VW014056.D
Acq On : 18 Nov 2019 12:08
Operator : SY/VA
Sample : K5855-01
Misc : 7.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAQF3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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
unknown-01	2.15	2.2	ug/L	68777	1	8.84	777237	25.0
Butanal	6.89	4.8	ug/L	148889	1	8.84	777237	25.0
Pentanal	9.40	3.3	ug/L	101865	1	8.84	777237	25.0
Hexanal	11.07	18.1	ug/L	617429	2	11.63	852681	25.0
Heptanal	12.33	2.6	ug/L	87149	2	11.63	852681	25.0
Octanal	13.40	1.3	ug/L	33017	3	13.55	647295	25.0
1-Hexanol, 2-ethyl-	13.65	1.9	ug/L	48367	3	13.55	647295	25.0