LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111819\
Data File : VW014060.D
Acq On : 18 Nov 2019 14:28
Operator : SY/VA
Sample : K5810-06
Misc : 4.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLQ8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	37	41	50	rBV2	15753	38522	2.43%	0.346%
2	2.355	68	74	83	rVB	99358	181109	11.43%	1.626%
3	2.885	154	161	174	rBV2	71638	179887	11.35%	1.615%
4	3.337	233	235	239	rBV	314	517	0.03%	0.005%
5	3.532	262	267	268	rBV3	601	906	0.06%	0.008%
6	3.672	286	290	291	rBV2	499	500	0.03%	0.004%
7	3.690	291	293	295	rVV	512	464	0.03%	0.004%
8	3.721	296	298	302	rVV2	339	423	0.03%	0.004%
9	3.800	309	311	314	rVB2	290	293	0.02%	0.003%
10	3.824	314	315	319	rBV	282	318	0.02%	0.003%
11	4.019	335	347	362	rBV	160447	524736	33.12%	4.711%
12	4.221	378	380	386	rVB3	434	532	0.03%	0.005%
13	4.275	386	389	392	rVB3	421	568	0.04%	0.005%
14	4.330	395	398	400	rBV2	240	320	0.02%	0.003%
15	4.446	415	417	419	rVB	452	278	0.02%	0.002%
16	4.477	421	422	424	rBV	402	238	0.02%	0.002%
17	4.513	426	428	430	rVB2	290	231	0.01%	0.002%
18	4.538	430	432	433	rBV	427	274	0.02%	0.002%
19	4.593	438	441	445	rBV3	647	963	0.06%	0.009%
20	4.739	464	465	469	rBV2	217	262	0.02%	0.002%
21	4.916	483	494	503	rBV2	8751	30434	1.92%	0.273%
22	5.056	515	517	519	rBV2	364	300	0.02%	0.003%
23	5.117	521	527	529	rVV3	514	840	0.05%	0.008%
24	5.416	574	576	578	rBV2	336	274	0.02%	0.002%
25	5.476	582	586	588	rBV3	412	672	0.04%	0.006%
26	5.544	596	597	600	rBV2	280	267	0.02%	0.002%
27	5.745	628	630	636	rVB2	622	757	0.05%	0.007%
28	5.940	652	662	671	rVB6	3796	11338	0.72%	0.102%
29	6.068	681	683	686	rVB2	305	239	0.02%	0.002%
30	6.165	698	699	704	rBV2	280	316	0.02%	0.003%
31	6.226	706	709	710	rBV	325	317	0.02%	0.003%
32	6.385	734	735	737	rBV	357	271	0.02%	0.002%
33	6.440	741	744	747	rBV2	248	359	0.02%	0.003%
34	6.586	765	768	770	rBV2	252	330	0.02%	0.003%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLQ8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

35	6.617	770	773	776	rBV	248	277	0.02%	0.002%
36	6.684	780	784	785	rBV2	332	354	0.02%	0.003%
37	6.830	806	808	811	rVB2	351	424	0.03%	0.004%
38	7.074	838	848	854	rBV	53078	147918	9.34%	1.328%
39	7.360	893	895	897	rBV2	399	305	0.02%	0.003%
40	7.415	902	904	909	rBV2	380	654	0.04%	0.006%
41	7.458	909	911	914	rBV2	400	439	0.03%	0.004%
42	7.482	914	915	918	rVV	538	266	0.02%	0.002%
43	7.519	918	921	924	rVB2	572	738	0.05%	0.007%
44	7.543	924	925	928	rVB2	585	425	0.03%	0.004%
45	7.574	928	930	931	rBV	380	255	0.02%	0.002%
46	7.647	931	942	955	rVB	256135	644913	40.70%	5.790%
47	7.799	965	967	968	rBV	327	238	0.02%	0.002%
48	7.897	979	983	985	rBV2	269	398	0.03%	0.004%
49	8.013	998	1002	1004	rBV2	234	301	0.02%	0.003%
50	8.061	1008	1010	1012	rBV	346	239	0.02%	0.002%
51	8.275	1034	1045	1059	rBV2	546358	1584452	100.00%	14.224%
52	8.610	1098	1100	1102	rBV2	444	447	0.03%	0.004%
53	8.683	1110	1112	1113	rVB2	600	272	0.02%	0.002%
54	8.842	1129	1138	1147	rBV	382172	768636	48.51%	6.900%
55	9.019	1161	1167	1182	rBV2	29970	67168	4.24%	0.603%
56	9.134	1184	1186	1192	rVB5	631	674	0.04%	0.006%
57	9.275	1197	1209	1218	rBV	351462	725115	45.76%	6.510%
58	9.537	1250	1252	1256	rBV2	309	356	0.02%	0.003%
59	9.585	1259	1260	1263	rBV2	396	365	0.02%	0.003%
60	9.659	1266	1272	1279	rVB5	2442	5439	0.34%	0.049%
61	9.811	1296	1297	1300	rBV3	473	455	0.03%	0.004%
62	9.982	1324	1325	1326	rVV	665	429	0.03%	0.004%
63	10.031	1326	1333	1344	rVV	195015	355551	22.44%	3.192%
64	10.122	1344	1348	1355	rVB5	1651	3769	0.24%	0.034%
65	10.213	1358	1363	1366	rBV3	692	1028	0.06%	0.009%
66	10.323	1373	1381	1390	rBV	778827	1377560	86.94%	12.367%
67	10.579	1415	1423	1433	rBV	128407	223898	14.13%	2.010%
68	10.701	1437	1443	1450	rVV	61230	107827	6.81%	0.968%
69	10.774	1453	1455	1458	rBV2	709	884	0.06%	0.008%
70	10.805	1458	1460	1462	rBV2	817	695	0.04%	0.006%
71	10.921	1473	1479	1492	rBV	198632	336176	21.22%	3.018%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLQ8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

72	11.061	1497	1502	1513	rVB2	23386	41606	2.63%	0.374%
73	11.171	1515	1520	1522	rBV3	951	1063	0.07%	0.010%
74	11.189	1522	1523	1526	rVB2	846	524	0.03%	0.005%
75	11.439	1559	1564	1572	rVB3	9683	17392	1.10%	0.156%
76	11.536	1572	1580	1582	rBV4	959	2302	0.15%	0.021%
77	11.628	1588	1595	1606	rVB	565149	957479	60.43%	8.596%
78	11.841	1628	1630	1633	rVB2	853	636	0.04%	0.006%
79	12.097	1671	1672	1674	rBV2	476	265	0.02%	0.002%
80	12.512	1739	1740	1741	rBV	466	286	0.02%	0.003%
81	12.609	1749	1756	1762	rVB	35572	57243	3.61%	0.514%
82	12.689	1762	1769	1777	rBV	277136	472373	29.81%	4.241%
83	12.756	1778	1780	1787	rVB5	1531	2397	0.15%	0.022%
84	12.853	1795	1796	1799	rVB	377	258	0.02%	0.002%
85	12.932	1804	1809	1818	rVV3	14559	23232	1.47%	0.209%
86	13.073	1829	1832	1833	rBV2	380	360	0.02%	0.003%
87	13.195	1848	1852	1857	rVB5	2274	3103	0.20%	0.028%
88	13.298	1863	1869	1875	rVB5	7251	12629	0.80%	0.113%
89	13.408	1881	1887	1891	rVB4	4326	6659	0.42%	0.060%
90	13.469	1891	1897	1904	rBV2	15166	24238	1.53%	0.218%
91	13.554	1904	1911	1918	rBV	644936	1048848	66.20%	9.416%
92	13.768	1941	1946	1948	rBV3	2475	3940	0.25%	0.035%
93	13.853	1952	1960	1973	rBV	661273	1094540	69.08%	9.826%
94	14.073	1991	1996	2002	rVB	12846	21759	1.37%	0.195%
95	14.310	2032	2035	2036	rBV2	1548	1489	0.09%	0.013%
96	14.731	2098	2104	2110	rBV6	2733	5347	0.34%	0.048%
97	14.883	2127	2129	2130	rBV2	576	397	0.03%	0.004%
98	15.017	2149	2151	2153	rBV	649	544	0.03%	0.005%
99	15.097	2162	2164	2165	rBV2	893	527	0.03%	0.005%
100	15.395	2211	2213	2214	rBV	943	458	0.03%	0.004%

Sum of corrected areas: 11139289

LSC Report - Integrated Chromatogram

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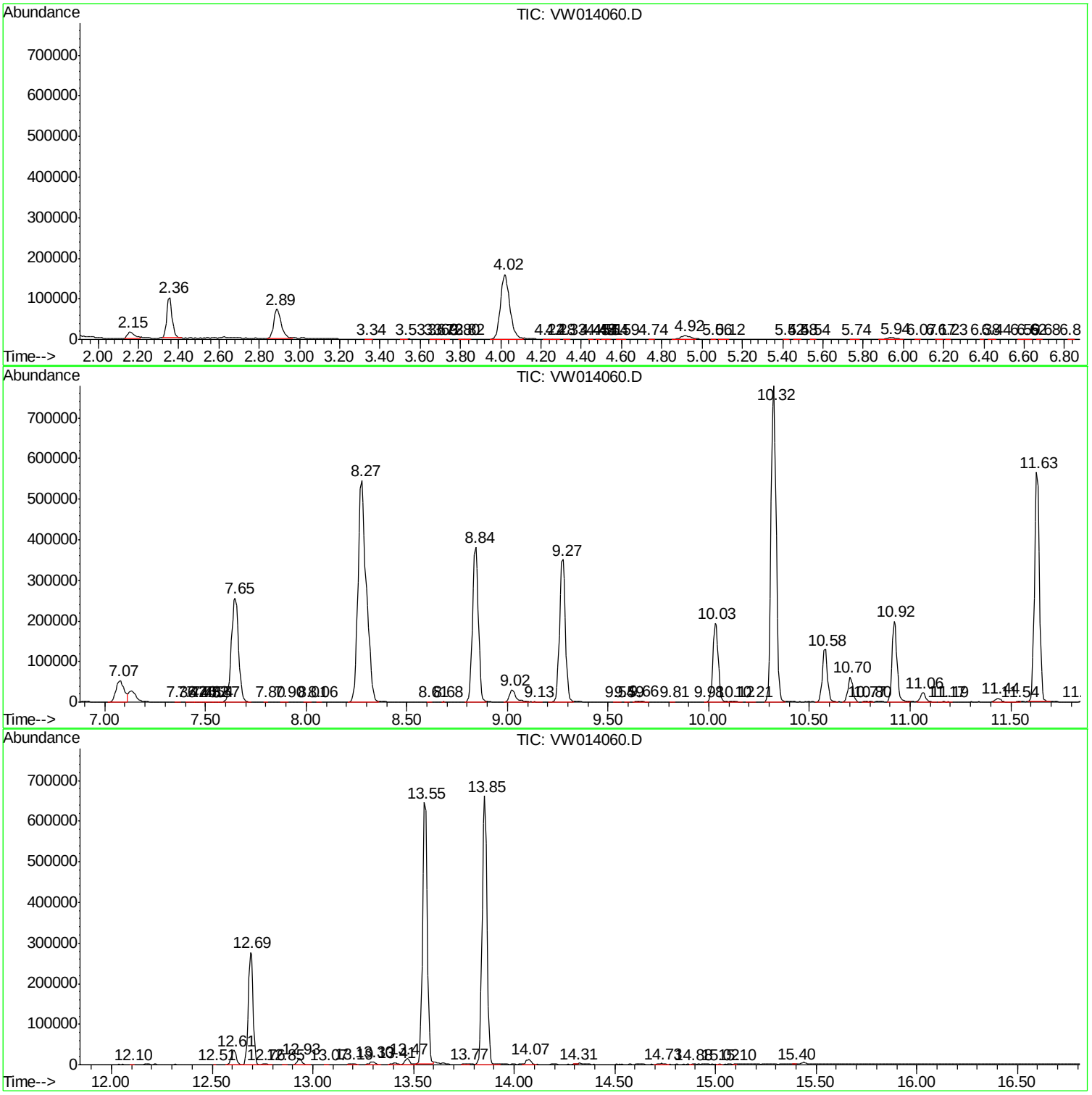
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLQ8

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111819\
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Quant Title : VOC Analysis

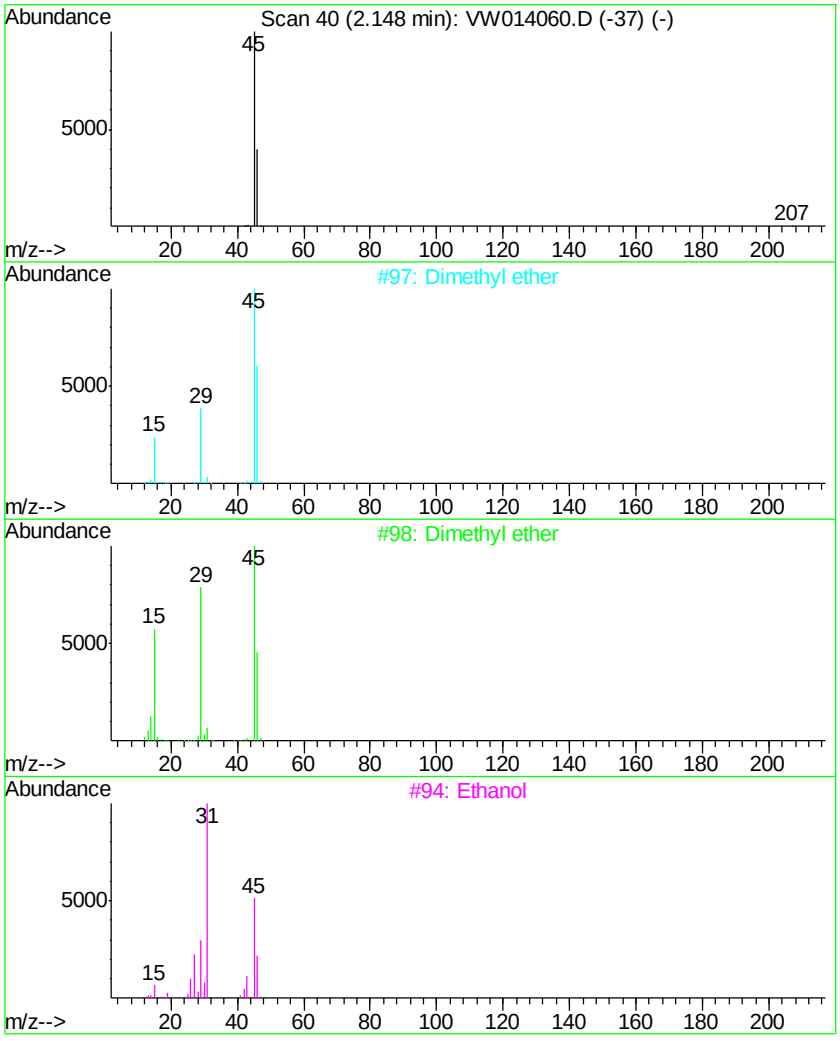
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

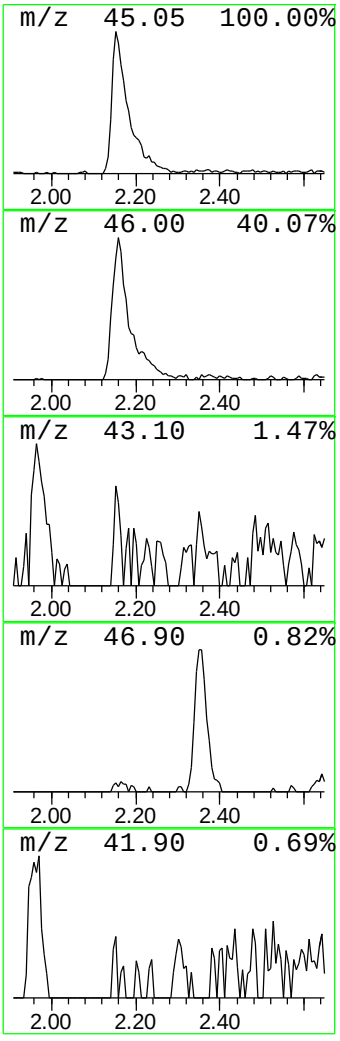
****

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.25 ug/L	38522	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	9
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Ethanol	46	C2H6O	000064-17-5	7
4	Ethanol	46	C2H6O	000064-17-5	7
5	Formic acid	46	CH2O2	000064-18-6	5





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLQ8

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

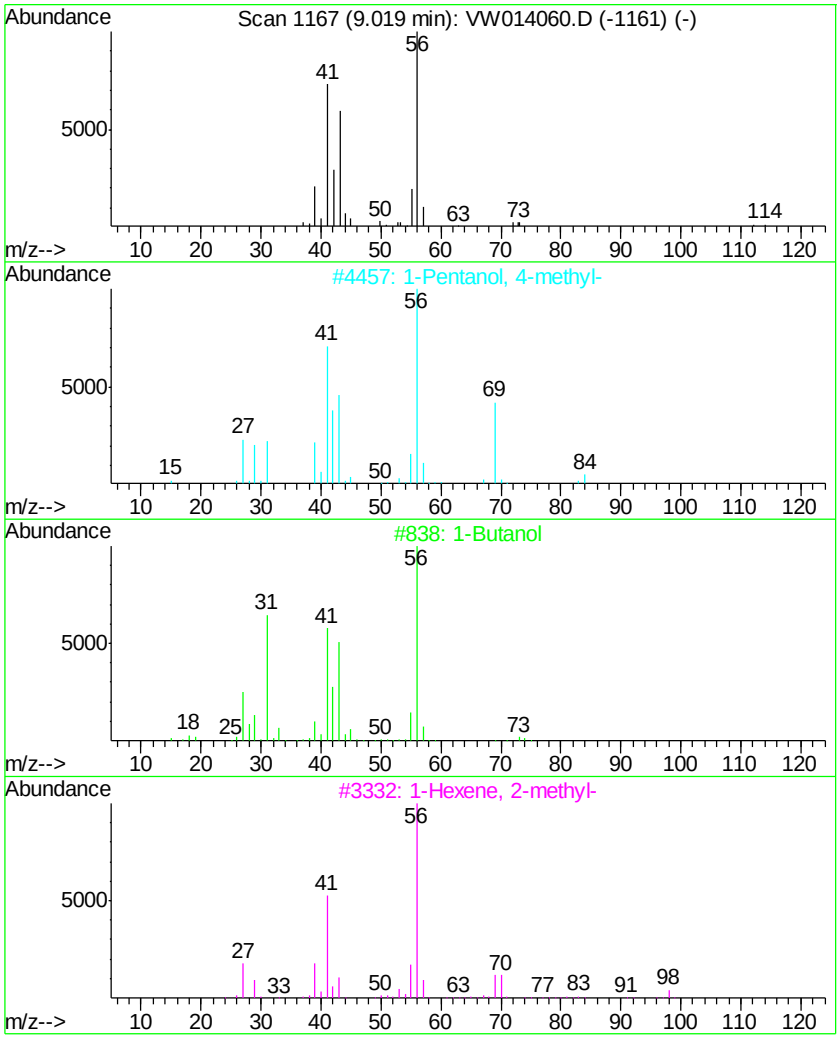
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

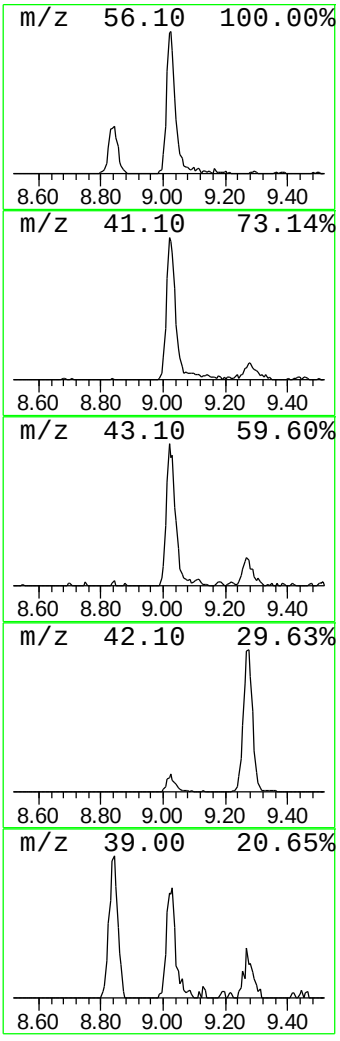
****

Peak Number 2 1-Pentanol, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	2.18 ug/L	67168	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	56
2	1-Butanol	74	C4H10O	000071-36-3	56
3	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	50
4	1-Butanol	74	C4H10O	000071-36-3	40
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	40





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	2.15	1.3	ug/L	38522	1	8.84	768636	25.0
1-Pentanol, 4-met...	9.02	2.2	ug/L	67168	1	8.84	768636	25.0