LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
Data File : VW011321.D
Acq On : 17 Jul 2019 22:18
Operator : SY/VA
Sample : K3863-02
Misc : 5.40G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52F7

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\SOM2WLM070219S.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	1.983	6	13	27	rVB2	9082	28161	1.76%	0.266%
2	2.142	34	39	47	rBV	17774	32632	2.03%	0.308%
3	2.343	67	72	83	rVB	47439	85898	5.35%	0.811%
4	2.879	153	160	172	rBV	38163	102137	6.37%	0.965%
5	3.434	249	251	254	rBV3	363	489	0.03%	0.005%
6	3.477	254	258	259	rBV3	371	411	0.03%	0.004%
7	3.580	272	275	276	rBV2	793	694	0.04%	0.007%
8	3.727	297	299	302	rVB4	593	549	0.03%	0.005%
9	3.763	302	305	307	rBV4	734	851	0.05%	0.008%
10	3.830	313	316	317	rBV3	1059	927	0.06%	0.009%
11	4.013	335	346	358	rBV	91559	308741	19.24%	2.916%
12	4.245	382	384	387	rBV2	604	556	0.03%	0.005%
13	4.379	396	406	418	rBV	11459	35498	2.21%	0.335%
14	4.605	440	443	447	rBV2	430	691	0.04%	0.007%
15	4.757	466	468	471	rVB3	597	659	0.04%	0.006%
16	4.787	471	473	476	rBV2	401	541	0.03%	0.005%
17	4.922	484	495	506	rVV4	3948	16143	1.01%	0.152%
18	5.123	526	528	529	rBV2	599	572	0.04%	0.005%
19	5.184	537	538	544	rVB3	625	654	0.04%	0.006%
20	5.415	569	576	577	rBV6	1447	2633	0.16%	0.025%
21	5.586	601	604	608	rBV3	365	444	0.03%	0.004%
22	5.775	628	635	636	rBV4	1228	2011	0.13%	0.019%
23	5.921	651	659	660	rBV2	2036	3495	0.22%	0.033%
24	6.007	670	673	676	rBV	568	791	0.05%	0.007%
25	6.104	684	689	695	rVV5	962	2045	0.13%	0.019%
26	6.214	697	707	717	rVB	8594	26546	1.65%	0.251%
27	6.415	737	740	742	rVB3	332	406	0.03%	0.004%
28	6.452	742	746	748	rBV2	491	586	0.04%	0.006%
29	6.714	788	789	793	rVB3	513	450	0.03%	0.004%
30	6.897	815	819	821	rBV4	876	1264	0.08%	0.012%
31	7.074	839	848	854	rBV	50335	137372	8.56%	1.297%
32	7.165	854	863	876	rVB	607779	1604295	100.00%	15.150%
33	7.348	891	893	895	rBV2	685	518	0.03%	0.005%
34	7.421	903	905	909	rBV4	343	418	0.03%	0.004%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52F7

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

35	7.549	924	926	931	rVB3	856	1004	0.06%	0.009%
36	7.647	931	942	953	rBV	180298	448163	27.94%	4.232%
37	7.769	960	962	966	rVB3	426	485	0.03%	0.005%
38	7.848	973	975	976	rBV	474	431	0.03%	0.004%
39	7.951	983	992	1000	rVB8	4517	14277	0.89%	0.135%
40	8.153	1020	1025	1034	rVB4	2058	4847	0.30%	0.046%
41	8.275	1034	1045	1063	rBV2	352585	1081268	67.40%	10.211%
42	8.555	1086	1091	1099	rVB6	2546	5462	0.34%	0.052%
43	8.689	1108	1113	1124	rVB6	3278	7874	0.49%	0.074%
44	8.842	1129	1138	1150	rBV	423825	842960	52.54%	7.960%
45	8.988	1160	1162	1165	rVB3	454	429	0.03%	0.004%
46	9.018	1165	1167	1168	rBV2	407	397	0.02%	0.004%
47	9.067	1168	1175	1190	rVB	70138	160027	9.97%	1.511%
48	9.274	1199	1209	1224	rBV	272951	598474	37.30%	5.652%
49	9.512	1245	1248	1250	rBV3	822	1061	0.07%	0.010%
50	9.604	1262	1263	1266	rVB2	572	569	0.04%	0.005%
51	9.665	1266	1273	1280	rVB6	3421	7327	0.46%	0.069%
52	9.756	1283	1288	1292	rVB3	1068	2281	0.14%	0.022%
53	9.896	1305	1311	1317	rBV4	2432	4199	0.26%	0.040%
54	9.957	1317	1321	1325	rBV5	1010	1704	0.11%	0.016%
55	10.036	1325	1334	1342	rBV	129409	238762	14.88%	2.255%
56	10.213	1360	1363	1365	rBV	375	472	0.03%	0.004%
57	10.250	1365	1369	1372	rVB5	1731	2313	0.14%	0.022%
58	10.323	1372	1381	1389	rBV	464614	813222	50.69%	7.680%
59	10.506	1405	1411	1415	rVB5	2305	4044	0.25%	0.038%
60	10.579	1415	1423	1431	rBV	86941	152209	9.49%	1.437%
61	10.664	1434	1437	1438	rVV3	1557	1730	0.11%	0.016%
62	10.707	1438	1444	1450	rVB2	23017	43691	2.72%	0.413%
63	10.829	1458	1464	1467	rBV3	3974	8092	0.50%	0.076%
64	10.927	1473	1480	1488	rBV	189870	332552	20.73%	3.140%
65	10.994	1488	1491	1498	rVV	9389	17982	1.12%	0.170%
66	11.067	1500	1503	1511	rVB3	9043	16192	1.01%	0.153%
67	11.177	1517	1521	1526	rBV5	5375	9553	0.60%	0.090%
68	11.280	1534	1538	1544	rVB6	3447	8480	0.53%	0.080%
69	11.341	1544	1548	1552	rVV5	1599	2429	0.15%	0.023%
70	11.408	1552	1559	1571	rVB9	6499	17868	1.11%	0.169%
71	11.518	1571	1577	1582	rBV4	8106	16200	1.01%	0.153%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52F7

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

72	11.628	1588	1595	1603	rBV	580925	989807	61.70%	9.347%
73	11.871	1624	1635	1649	rVB2	25802	60760	3.79%	0.574%
74	12.042	1658	1663	1666	rBV7	1142	1932	0.12%	0.018%
75	12.097	1669	1672	1673	rBV2	577	579	0.04%	0.005%
76	12.164	1673	1683	1691	rBV6	6136	16009	1.00%	0.151%
77	12.341	1708	1712	1717	rBV5	3711	6953	0.43%	0.066%
78	12.426	1724	1726	1728	rVB3	981	873	0.05%	0.008%
79	12.463	1728	1732	1735	rBV5	1232	2078	0.13%	0.020%
80	12.609	1750	1756	1763	rVB	114945	188198	11.73%	1.777%
81	12.695	1763	1770	1779	rBV	227534	373268	23.27%	3.525%
82	12.780	1779	1784	1793	rVB9	3355	8245	0.51%	0.078%
83	12.853	1793	1796	1799	rBV3	1411	2534	0.16%	0.024%
84	12.890	1800	1802	1805	rBV3	1106	1543	0.10%	0.015%
85	12.932	1806	1809	1816	rVB6	3203	6752	0.42%	0.064%
86	13.036	1824	1826	1827	rBV2	721	749	0.05%	0.007%
87	13.079	1830	1833	1835	rBV4	1357	1841	0.11%	0.017%
88	13.146	1841	1844	1849	rVB3	5040	7018	0.44%	0.066%
89	13.487	1897	1900	1901	rBV3	1745	1952	0.12%	0.018%
90	13.560	1905	1912	1922	rBV	540678	866758	54.03%	8.185%
91	13.652	1924	1927	1931	rVB2	5286	6773	0.42%	0.064%
92	13.798	1948	1951	1954	rBV3	5227	7019	0.44%	0.066%
93	13.853	1954	1960	1971	rVB	406768	672215	41.90%	6.348%
94	14.072	1991	1996	2009	rVB2	22621	45997	2.87%	0.434%
95	14.206	2012	2018	2024	rBV8	3088	7077	0.44%	0.067%
96	14.328	2034	2038	2042	rBV6	5919	8407	0.52%	0.079%
97	14.530	2064	2071	2079	rBV5	8962	22196	1.38%	0.210%
98	14.725	2100	2103	2109	rVB4	5139	7011	0.44%	0.066%
99	14.804	2112	2116	2121	rBV6	1888	4180	0.26%	0.039%
100	16.487	2389	2392	2395	rBV4	1012	1470	0.09%	0.014%

Sum of corrected areas: 10589302

LSC Report - Integrated Chromatogram

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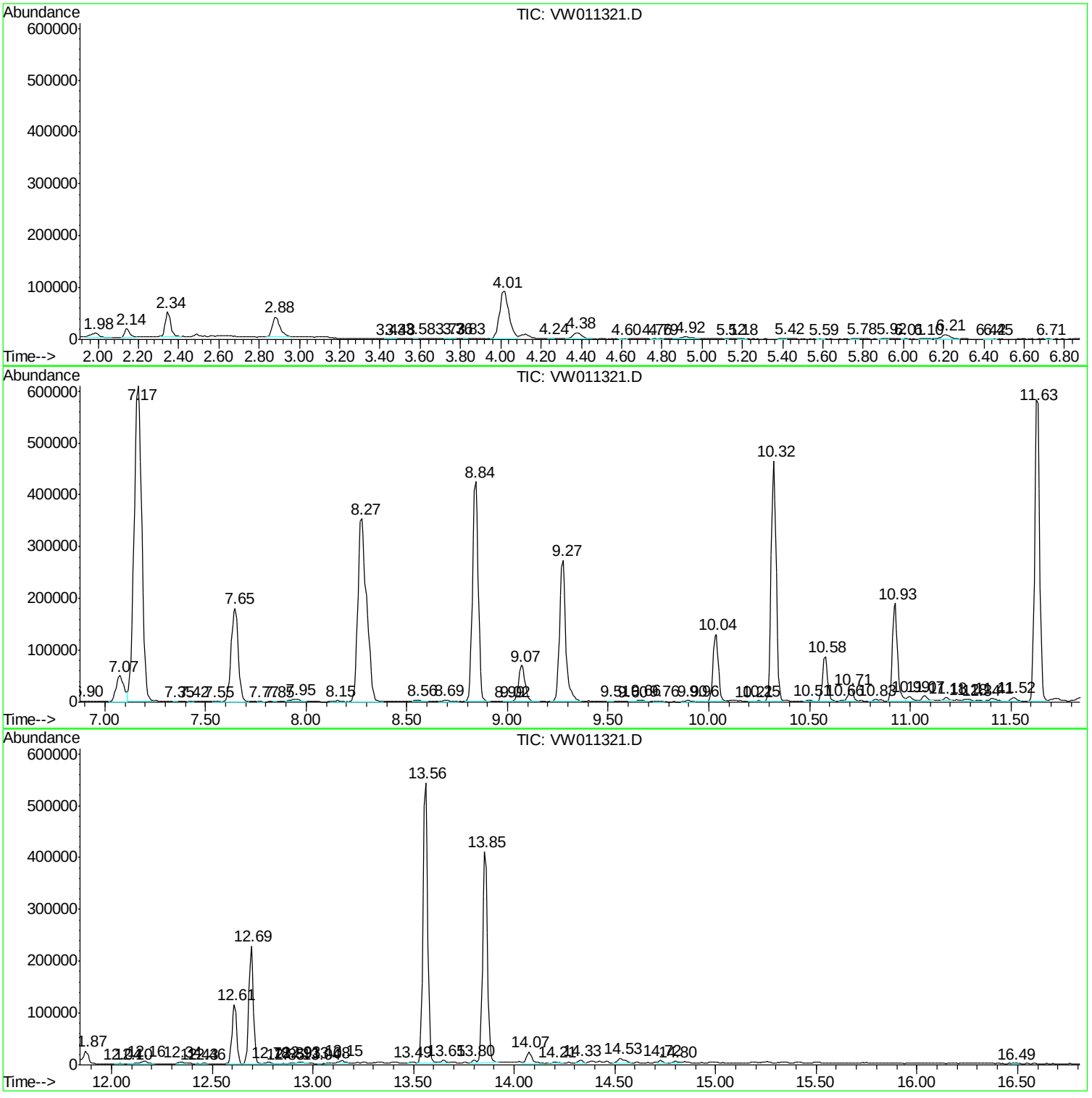
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52F7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

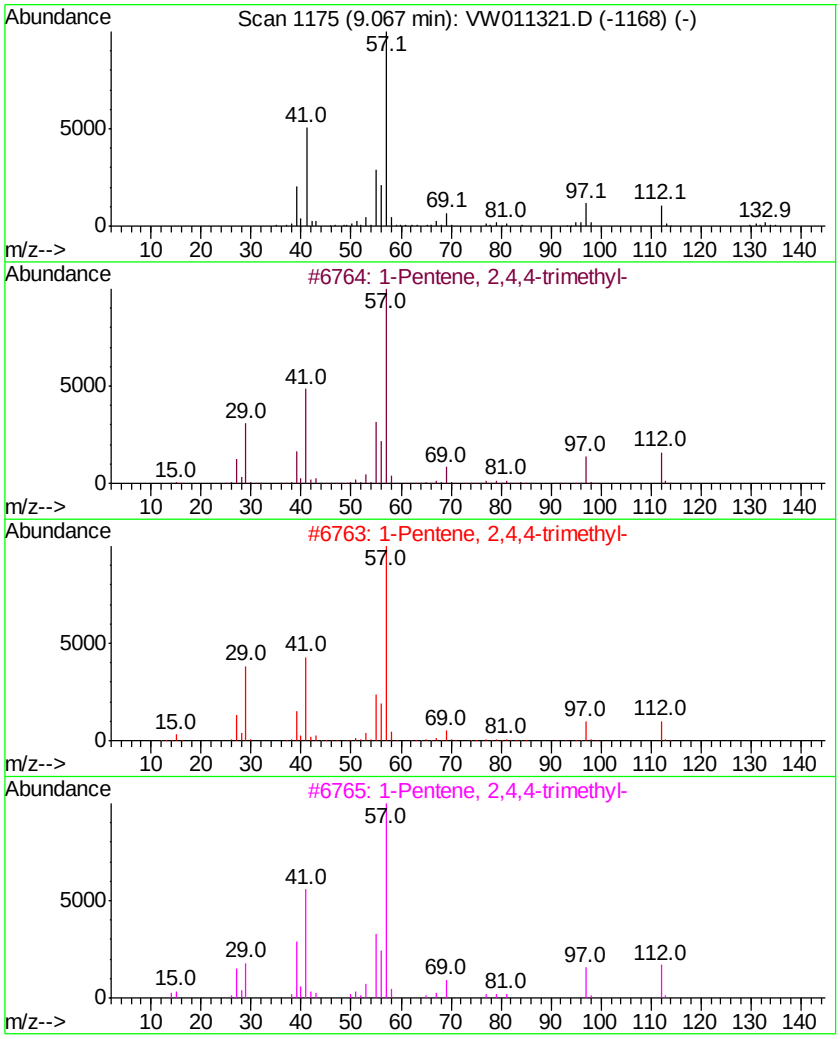
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

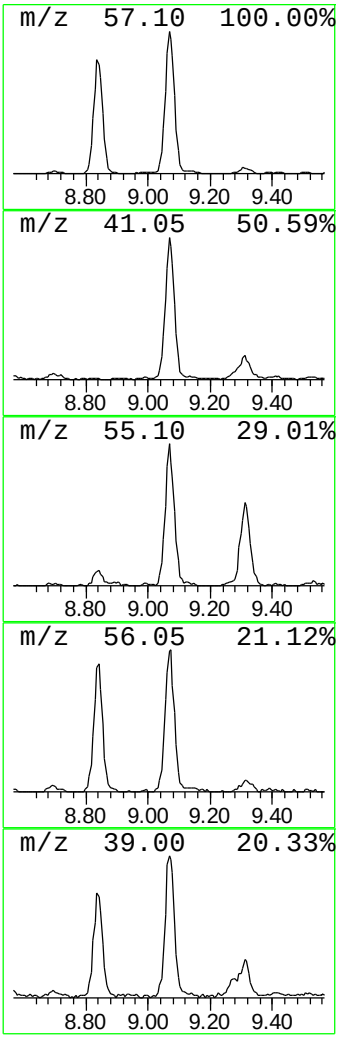
****

Peak Number 1 (DEL) Alkane: Cyclic9.07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	4.75 ug/L	160027	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	81
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	81
3	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	70
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	58
5	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071719\
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ClientSampleId : A52F7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

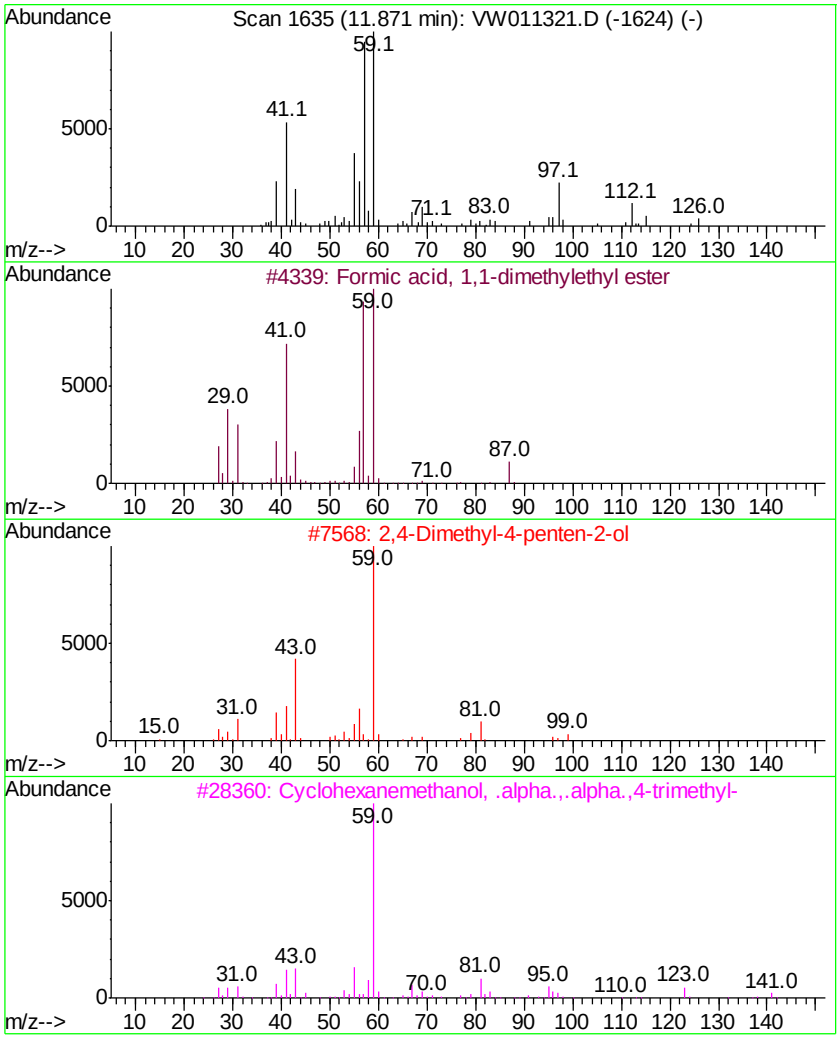
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

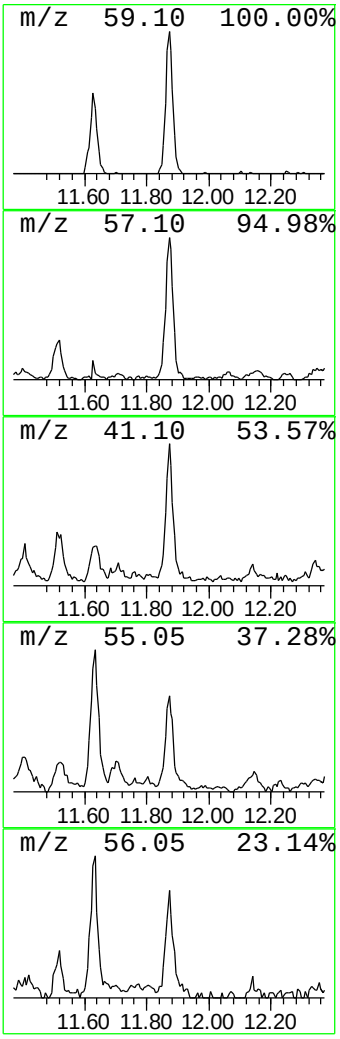
****

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	1.53 ug/L	60760	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid, 1,1-dimethylethyl e...	102	C5H10O2	000762-75-4	40
2	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	38
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	38
4	N-Formyl-d-threo-O-methylthreonine	161	C6H11NO4	1000214-69-5	38
5	5-Hexyn-3-ol	98	C6H10O	019780-84-8	32





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	9.07	4.8	ug/L	160027	1	8.84	842960	25.0
unknown-01	11.87	1.5	ug/L	60760	2	11.63	989807	25.0