LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102919\
Data File : VW013814.D
Acq On : 30 Oct 2019 01:12
Operator : SY/VA
Sample : K5565-10
Misc : 5.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNB6

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\SOM2WLM101819S.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	2.349	70	73	78	rVB2	3977	6008	7.38%	0.951%
2	2.885	155	161	169	rVB2	4483	8720	10.72%	1.380%
3	3.654	285	287	290	rVB2	304	256	0.31%	0.041%
4	3.690	290	293	294	rBV	269	250	0.31%	0.040%
5	3.702	294	295	298	rVB2	238	176	0.22%	0.028%
6	3.757	301	304	306	rBV2	185	250	0.31%	0.040%
7	3.885	324	325	327	rBV	236	202	0.25%	0.032%
8	3.946	333	335	338	rBV	297	305	0.37%	0.048%
9	4.025	338	348	357	rVV3	7171	19389	23.83%	3.069%
10	4.141	361	367	369	rBV3	571	964	1.18%	0.153%
11	4.208	377	378	381	rVB	319	216	0.27%	0.034%
12	4.592	439	441	445	rBV2	248	253	0.31%	0.040%
13	4.763	467	469	470	rBV	334	222	0.27%	0.035%
14	4.830	478	480	482	rBV	192	192	0.24%	0.030%
15	4.922	487	495	502	rVV6	1942	5751	7.07%	0.910%
16	5.050	515	516	519	rVV	248	187	0.23%	0.030%
17	5.098	523	524	526	rBV	247	227	0.28%	0.036%
18	5.184	536	538	539	rVB	346	185	0.23%	0.029%
19	5.208	539	542	543	rBV	292	221	0.27%	0.035%
20	5.281	550	554	555	rBV2	306	359	0.44%	0.057%
21	5.446	579	581	584	rBV	183	208	0.26%	0.033%
22	5.903	654	656	658	rBV2	301	298	0.37%	0.047%
23	5.940	658	662	663	rBV2	723	638	0.78%	0.101%
24	6.074	682	684	686	rBV	245	313	0.38%	0.050%
25	6.202	703	705	707	rBV2	318	321	0.39%	0.051%
26	6.299	718	721	722	rBV2	327	329	0.40%	0.052%
27	6.543	758	761	764	rBV2	324	456	0.56%	0.072%
28	6.708	785	788	789	rBV2	225	260	0.32%	0.041%
29	6.940	824	826	829	rVB2	278	280	0.34%	0.044%
30	6.982	829	833	834	rBV2	188	240	0.30%	0.038%
31	7.135	841	858	872	rBV3	17078	59435	73.06%	9.409%
32	7.293	882	884	887	rBV2	316	324	0.40%	0.051%
33	7.354	891	894	895	rBV2	325	312	0.38%	0.049%
34	7.439	906	908	910	rBV2	290	310	0.38%	0.049%

LSC Area Percent Report

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Sample : K5565-10
Misc : 5.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNB6

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\SOM2WLM101819S.M
Title : VOC Analysis

35	7.647	933	942	952	rBV2	13285	34334	42.20%	5.435%
36	7.805	966	968	972	rVB2	302	329	0.40%	0.052%
37	7.958	992	993	995	rBV	301	279	0.34%	0.044%
38	8.006	1000	1001	1004	rVV2	241	222	0.27%	0.035%
39	8.031	1004	1005	1008	rVV2	298	193	0.24%	0.031%
40	8.122	1016	1020	1021	rBV	206	274	0.34%	0.043%
41	8.281	1037	1046	1063	rVB5	23238	81355	100.00%	12.879%
42	8.403	1064	1066	1068	rBV	346	363	0.45%	0.057%
43	8.439	1071	1072	1075	rBV2	278	276	0.34%	0.044%
44	8.586	1094	1096	1098	rBV	279	196	0.24%	0.031%
45	8.628	1101	1103	1104	rVB	417	248	0.30%	0.039%
46	8.848	1131	1139	1145	rBV2	17037	34003	41.80%	5.383%
47	8.921	1149	1151	1153	rVB	290	213	0.26%	0.034%
48	8.964	1156	1158	1162	rVB2	263	311	0.38%	0.049%
49	9.000	1162	1164	1166	rBV	443	326	0.40%	0.052%
50	9.037	1166	1170	1172	rBV2	563	795	0.98%	0.126%
51	9.116	1180	1183	1185	rBV	376	493	0.61%	0.078%
52	9.274	1202	1209	1218	rVB2	20306	40302	49.54%	6.380%
53	9.470	1236	1241	1242	rBV2	353	408	0.50%	0.065%
54	9.707	1278	1280	1281	rBV	372	201	0.25%	0.032%
55	9.762	1288	1289	1291	rVB2	265	175	0.22%	0.028%
56	9.793	1291	1294	1296	rBV2	223	230	0.28%	0.036%
57	10.037	1328	1334	1342	rBV	10574	18623	22.89%	2.948%
58	10.158	1352	1354	1355	rBV	404	286	0.35%	0.045%
59	10.201	1358	1361	1362	rBV	253	260	0.32%	0.041%
60	10.323	1373	1381	1390	rBV	28325	52974	65.11%	8.386%
61	10.536	1414	1416	1419	rBV2	427	412	0.51%	0.065%
62	10.579	1419	1423	1429	rVV2	6253	10497	12.90%	1.662%
63	10.707	1435	1444	1453	rBV3	9948	19268	23.68%	3.050%
64	10.841	1465	1466	1467	rBV	406	201	0.25%	0.032%
65	10.927	1475	1480	1492	rBV2	8910	17804	21.88%	2.819%
66	11.067	1498	1503	1507	rBV3	5436	9176	11.28%	1.453%
67	11.177	1520	1521	1526	rVB2	393	441	0.54%	0.070%
68	11.445	1560	1565	1571	rVB2	3540	6038	7.42%	0.956%
69	11.634	1590	1596	1606	rVV	25948	45316	55.70%	7.174%
70	11.707	1606	1608	1610	rVB2	274	191	0.23%	0.030%
71	11.872	1633	1635	1638	rVB2	204	205	0.25%	0.032%

LSC Area Percent Report

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Operator : SY/VA
Sample : K5565-10
Misc : 5.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNB6

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\SOM2WLM101819S.M
Title : VOC Analysis

72	11.951	1644	1648	1649	rBV	364	277	0.34%	0.044%
73	12.061	1664	1666	1671	rBV2	259	463	0.57%	0.073%
74	12.371	1715	1717	1719	rBV2	200	206	0.25%	0.033%
75	12.609	1750	1756	1763	rVV2	15945	26553	32.64%	4.204%
76	12.695	1763	1770	1776	rVV	21244	36520	44.89%	5.781%
77	12.932	1807	1809	1812	rVB2	921	668	0.82%	0.106%
78	13.097	1834	1836	1837	rBV2	241	206	0.25%	0.033%
79	13.170	1846	1848	1851	rBV2	220	240	0.30%	0.038%
80	13.213	1854	1855	1857	rBV2	338	255	0.31%	0.040%
81	13.243	1858	1860	1862	rVV	310	281	0.35%	0.044%
82	13.292	1866	1868	1875	rVB4	1174	2075	2.55%	0.328%
83	13.402	1884	1886	1889	rBV	483	616	0.76%	0.098%
84	13.451	1892	1894	1897	rVB2	319	355	0.44%	0.056%
85	13.518	1904	1905	1906	rBV	282	204	0.25%	0.032%
86	13.560	1906	1912	1918	rVV3	17532	27140	33.36%	4.297%
87	13.609	1918	1920	1923	rVB3	703	586	0.72%	0.093%
88	13.652	1923	1927	1933	rBV3	2026	3239	3.98%	0.513%
89	13.853	1952	1960	1966	rBV2	21540	36519	44.89%	5.781%
90	14.072	1988	1996	2002	rBV3	2888	4793	5.89%	0.759%
91	14.188	2013	2015	2016	rBV	448	291	0.36%	0.046%
92	14.267	2026	2028	2030	rBV2	354	212	0.26%	0.034%
93	14.292	2030	2032	2033	rVB	484	298	0.37%	0.047%
94	14.767	2108	2110	2112	rBV2	425	408	0.50%	0.065%
95	14.950	2139	2140	2141	rVB	642	235	0.29%	0.037%
96	15.145	2170	2172	2174	rBV2	790	509	0.63%	0.081%
97	15.206	2181	2182	2183	rVB	690	253	0.31%	0.040%
98	15.438	2217	2220	2223	rBV3	1257	1705	2.10%	0.270%
99	15.834	2283	2285	2287	rBV2	874	625	0.77%	0.099%
100	16.291	2358	2360	2362	rBV3	789	668	0.82%	0.106%

Sum of corrected areas: 631675

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102919\
Data File : VW013814.D
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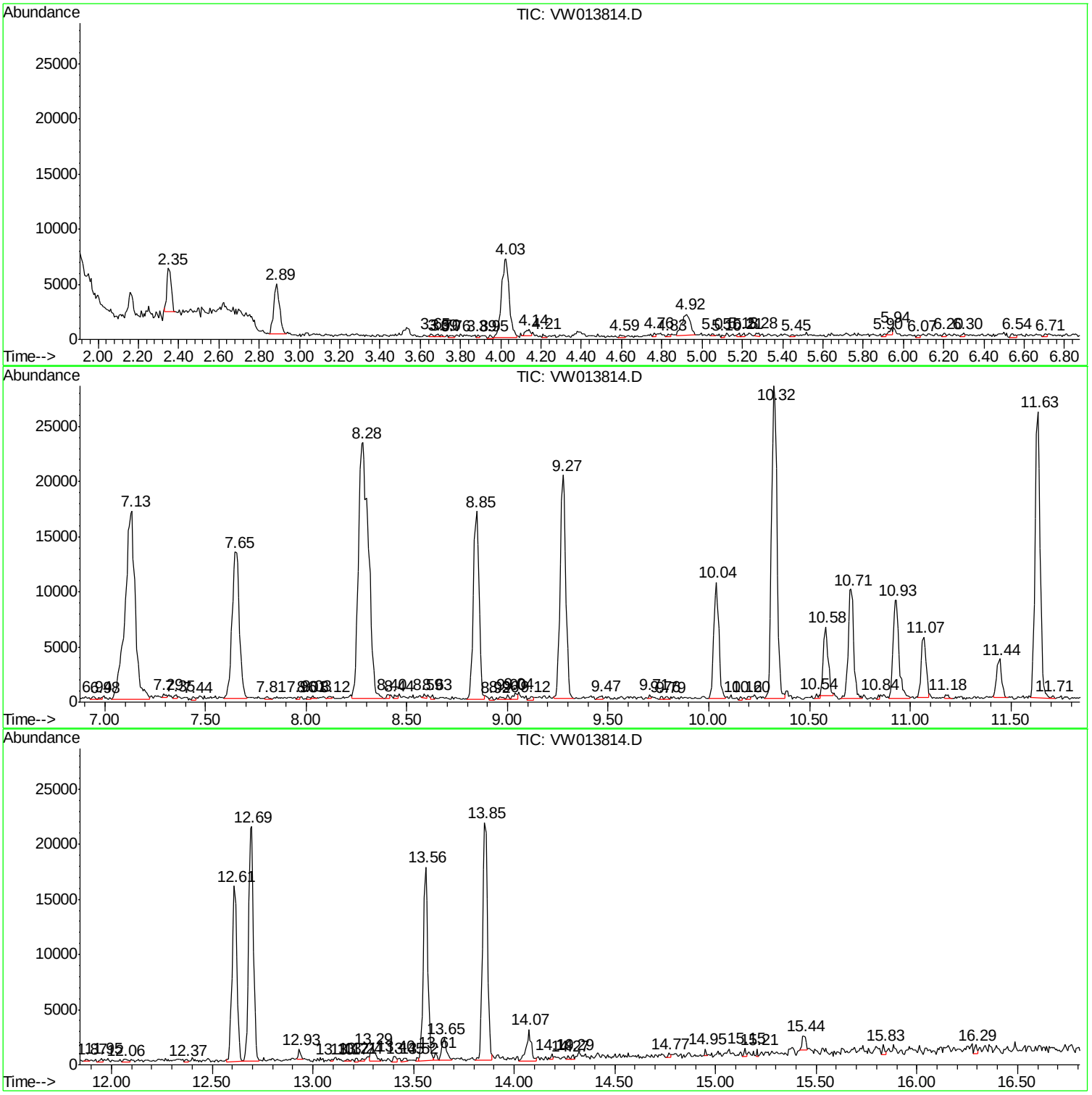
Operator : SY/VA
Sample : K5565-10
Misc : 5.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLNB6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102919\
Data File : VW013814.D
Acq On : 30 Oct 2019 01:12
Operator : SY/VA
Sample : K5565-10
Misc : 5.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNB6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

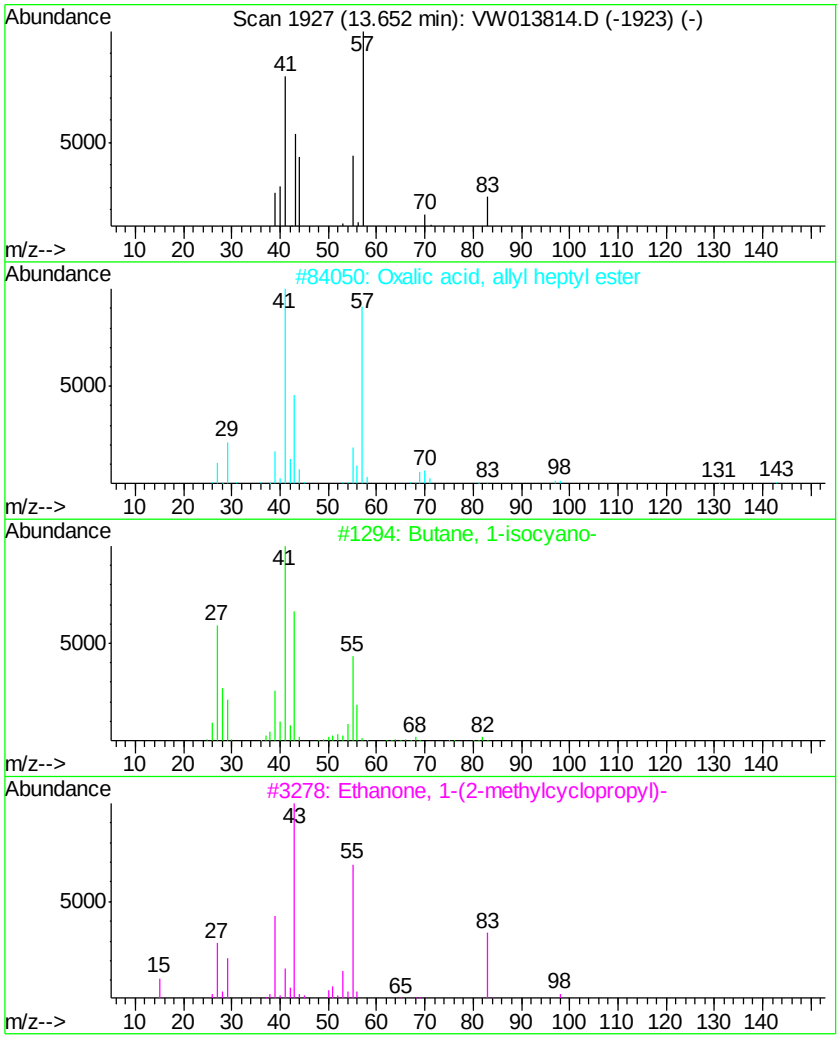
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

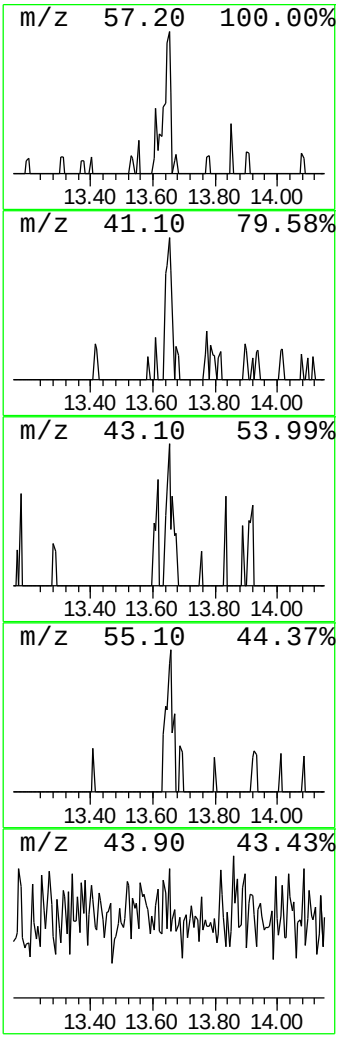
****

Peak Number 7 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.98 ug/L	3239	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl heptyl ester	228	C12H20O4	1000309-23-5	9
2	Butane, 1-isocyano-	83	C5H9N	002769-64-4	9
3	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	8
4	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	5
5	Propane	44	C3H8	000074-98-6	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102919\
Data File : VW013814.D
Acq On : 30 Oct 2019 01:12
Operator : SY/VA
Sample : K5565-10
Misc : 5.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNB6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

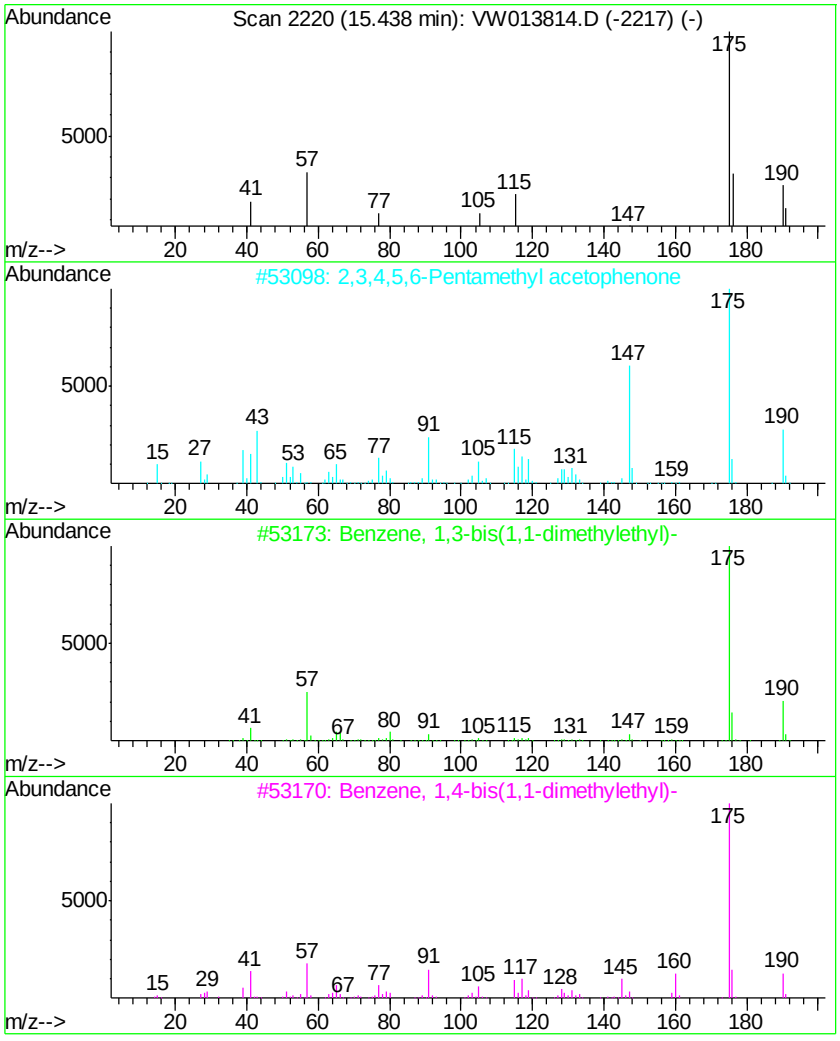
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

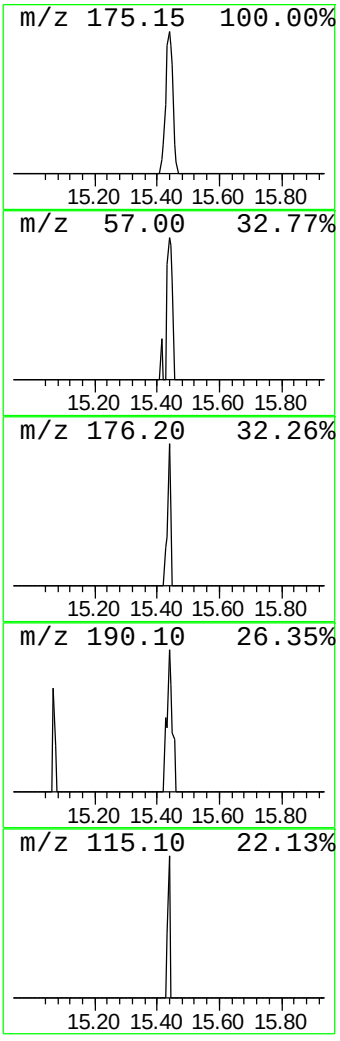
****

Peak Number 9 2,3,4,5,6-Pentamethyl aceto... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.57 ug/L	1705	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5,6-Pentamethyl acetophenone	190	C13H18O	1000342-53-1	56
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	45
3	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	17
4	Coumarin, 3,4-dihydro-4,4,7-trim...	190	C12H14O2	105640-09-3	9
5	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	9





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
unknown-01	13.65	3.0	ug/L	3239	3	13.57	27140	25.0
2,3,4,5,6-Pentame...	15.44	1.6	ug/L	1705	3	13.57	27140	25.0