LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071019\
Data File : VW011193.D
Acq On : 10 Jul 2019 14:28
Operator : SY/VA
Sample : K3724-09
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8T5

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	1.953	6	8	24	rVB3	5407	14898	1.11%	0.146%
2	2.343	66	72	81	rBV	81940	143950	10.69%	1.414%
3	2.489	92	96	102	rBV	5720	11181	0.83%	0.110%
4	2.879	153	160	176	rBV	50620	132311	9.82%	1.300%
5	3.251	219	221	223	rBV3	814	640	0.05%	0.006%
6	3.385	242	243	248	rVV4	620	628	0.05%	0.006%
7	3.477	256	258	262	rBV4	444	529	0.04%	0.005%
8	3.660	286	288	289	rBV	789	526	0.04%	0.005%
9	3.855	314	320	324	rBV3	1805	4084	0.30%	0.040%
10	4.013	333	346	359	rBV	133882	437171	32.45%	4.296%
11	4.263	385	387	390	rVB3	425	526	0.04%	0.005%
12	4.379	403	406	407	rBV3	798	849	0.06%	0.008%
13	4.647	449	450	455	rVB4	674	736	0.05%	0.007%
14	4.696	455	458	461	rBV3	425	646	0.05%	0.006%
15	4.915	483	494	495	rBV2	7289	17218	1.28%	0.169%
16	5.135	528	530	531	rBV2	563	473	0.04%	0.005%
17	5.263	549	551	557	rVB3	359	475	0.04%	0.005%
18	5.549	596	598	602	rVB2	403	540	0.04%	0.005%
19	5.702	621	623	626	rBV3	446	513	0.04%	0.005%
20	5.745	626	630	631	rVV3	570	776	0.06%	0.008%
21	5.787	635	637	644	rVV4	1091	1931	0.14%	0.019%
22	5.934	650	661	669	rVB6	2503	8720	0.65%	0.086%
23	6.123	689	692	697	rVV3	694	940	0.07%	0.009%
24	6.159	697	698	704	rVB2	369	515	0.04%	0.005%
25	6.269	714	716	720	rVB3	558	651	0.05%	0.006%
26	6.885	810	817	818	rBV4	941	1371	0.10%	0.013%
27	7.074	838	848	855	rBV	55193	158996	11.80%	1.562%
28	7.378	897	898	902	rVB2	796	798	0.06%	0.008%
29	7.427	902	906	909	rBV4	648	1066	0.08%	0.010%
30	7.488	913	916	917	rBV	474	482	0.04%	0.005%
31	7.513	917	920	921	rBV3	502	589	0.04%	0.006%
32	7.647	930	942	954	rBV	214299	533069	39.57%	5.238%
33	7.842	971	974	977	rVB3	406	459	0.03%	0.005%
34	7.939	985	990	998	rVB5	2266	4718	0.35%	0.046%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8T5

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	8.012	998	1002	1007	rBV5	325	608	0.05%	0.006%
36	8.177	1027	1029	1032	rBV2	589	619	0.05%	0.006%
37	8.275	1035	1045	1059	rBV2	445800	1347082	100.00%	13.237%
38	8.592	1095	1097	1099	rVV3	561	494	0.04%	0.005%
39	8.616	1099	1101	1104	rVB3	962	942	0.07%	0.009%
40	8.695	1112	1114	1118	rVB5	624	464	0.03%	0.005%
41	8.842	1129	1138	1148	rBV	484226	947489	70.34%	9.310%
42	8.970	1157	1159	1162	rVB3	525	493	0.04%	0.005%
43	9.067	1172	1175	1185	rVB6	2684	6501	0.48%	0.064%
44	9.274	1197	1209	1229	rBV	323025	668782	49.65%	6.572%
45	9.470	1239	1241	1244	rBV3	554	545	0.04%	0.005%
46	9.658	1266	1272	1281	rBV6	2945	6870	0.51%	0.068%
47	9.719	1281	1282	1286	rVB3	468	531	0.04%	0.005%
48	10.030	1325	1333	1343	rVV	164758	307280	22.81%	3.019%
49	10.116	1345	1347	1354	rVB3	1591	3076	0.23%	0.030%
50	10.213	1359	1363	1365	rBV4	479	673	0.05%	0.007%
51	10.323	1370	1381	1389	rBV	629093	1081887	80.31%	10.631%
52	10.512	1406	1412	1415	rVB7	609	1023	0.08%	0.010%
53	10.579	1415	1423	1432	rBV	110967	192294	14.27%	1.890%
54	10.707	1438	1444	1450	rVB2	5136	8691	0.65%	0.085%
55	10.860	1465	1469	1473	rBV6	2240	3853	0.29%	0.038%
56	10.927	1473	1480	1494	rVV	194719	335222	24.89%	3.294%
57	11.067	1497	1503	1512	rVV4	10497	20030	1.49%	0.197%
58	11.341	1546	1548	1551	rVB2	480	565	0.04%	0.006%
59	11.390	1551	1556	1557	rBV3	483	723	0.05%	0.007%
60	11.433	1560	1563	1566	rVB4	665	866	0.06%	0.009%
61	11.628	1588	1595	1608	rBV	648573	1112245	82.57%	10.929%
62	11.731	1609	1612	1616	rVB5	1152	1480	0.11%	0.015%
63	11.841	1622	1630	1636	rBV7	1394	3651	0.27%	0.036%
64	12.036	1659	1662	1663	rBV3	422	488	0.04%	0.005%
65	12.164	1679	1683	1689	rVB8	1365	2450	0.18%	0.024%
66	12.243	1693	1696	1700	rBV5	287	449	0.03%	0.004%
67	12.335	1709	1711	1714	rBV3	772	880	0.07%	0.009%
68	12.384	1717	1719	1723	rVB3	628	732	0.05%	0.007%
69	12.536	1742	1744	1748	rBV3	530	765	0.06%	0.008%
70	12.609	1751	1756	1762	rVV3	8166	14245	1.06%	0.140%
71	12.695	1762	1770	1778	rVB	255229	419827	31.17%	4.125%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8T5

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	12.756	1778	1780	1782	rBV2	385	467	0.03%	0.005%
73	12.871	1795	1799	1800	rBV3	519	597	0.04%	0.006%
74	12.938	1805	1810	1814	rVB4	3587	5774	0.43%	0.057%
75	13.115	1835	1839	1840	rBV3	454	638	0.05%	0.006%
76	13.225	1854	1857	1859	rBV4	785	1131	0.08%	0.011%
77	13.286	1864	1867	1874	rVB7	2168	3793	0.28%	0.037%
78	13.341	1874	1876	1878	rBV3	662	727	0.05%	0.007%
79	13.402	1880	1886	1890	rBV6	2093	3527	0.26%	0.035%
80	13.560	1905	1912	1920	rBV	648461	1046406	77.68%	10.282%
81	13.652	1921	1927	1942	rVV	40228	71888	5.34%	0.706%
82	13.853	1953	1960	1975	rVB	542767	896610	66.56%	8.810%
83	14.072	1992	1996	2003	rVB2	8689	13502	1.00%	0.133%
84	14.225	2012	2021	2033	rBV6	23646	85336	6.33%	0.839%
85	14.328	2035	2038	2048	rVB3	11396	20865	1.55%	0.205%
86	15.182	2175	2178	2185	rVB6	2998	6295	0.47%	0.062%
87	15.237	2185	2187	2189	rBV3	1062	788	0.06%	0.008%
88	15.438	2216	2220	2225	rVB3	4048	6072	0.45%	0.060%
89	15.499	2225	2230	2236	rVB2	16323	27689	2.06%	0.272%
90	15.548	2236	2238	2239	rBV2	650	461	0.03%	0.005%
91	15.615	2247	2249	2252	rBV3	785	1026	0.08%	0.010%
92	15.645	2252	2254	2256	rBV2	623	471	0.03%	0.005%
93	15.700	2261	2263	2264	rBV2	734	549	0.04%	0.005%
94	15.968	2305	2307	2310	rVB3	656	588	0.04%	0.006%
95	16.029	2315	2317	2318	rBV2	662	507	0.04%	0.005%
96	16.151	2335	2337	2340	rBV3	720	549	0.04%	0.005%
97	16.176	2340	2341	2346	rBV4	557	716	0.05%	0.007%
98	16.407	2377	2379	2381	rBV3	692	658	0.05%	0.006%
99	16.474	2388	2390	2393	rBV3	758	785	0.06%	0.008%
100	16.736	2431	2433	2435	rVB3	765	717	0.05%	0.007%

Sum of corrected areas: 10176922

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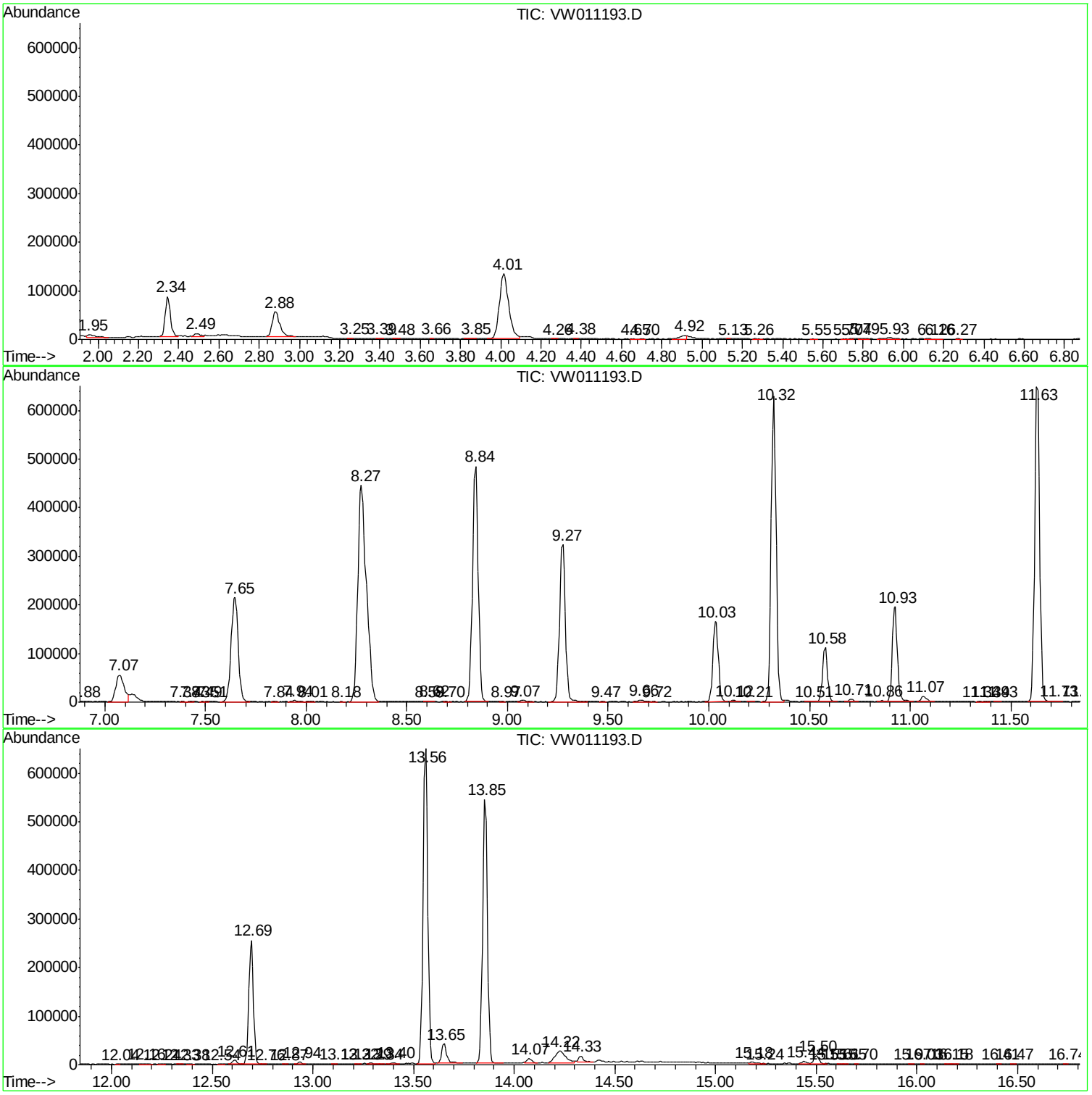
Instrument : MSVOA_W
ClientSampleId : DB8T5

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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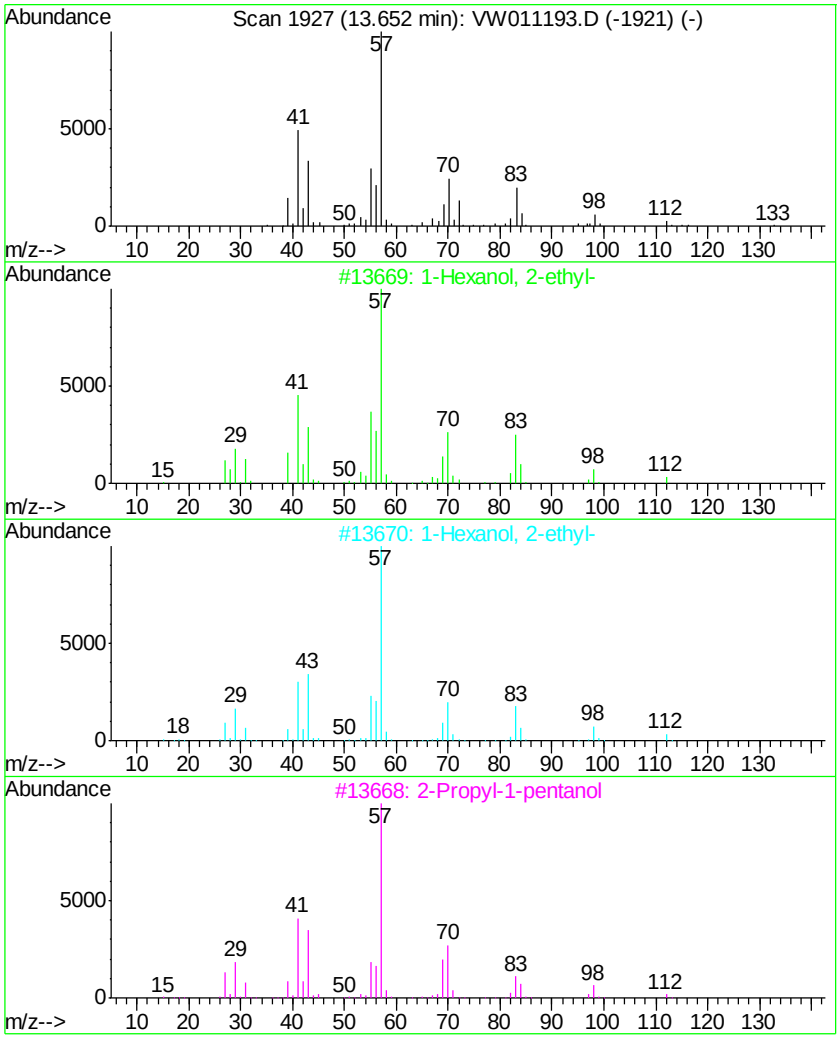
TIC Integration Parameters: LSCINT.P

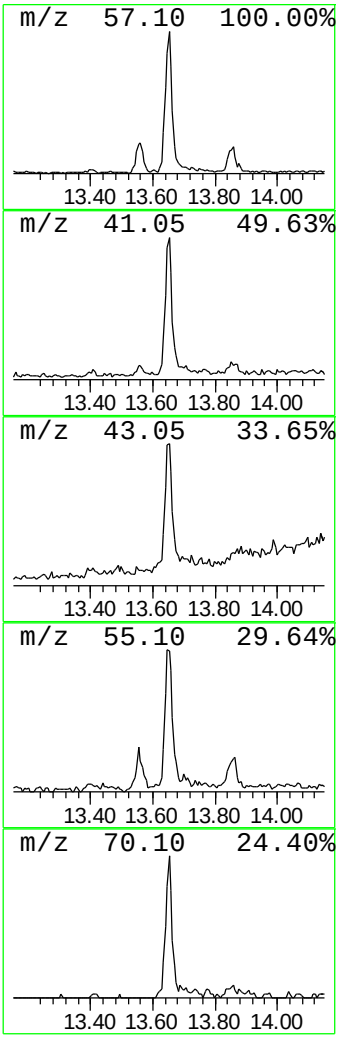
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.72 ug/L	71888	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071019\
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Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8T5

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

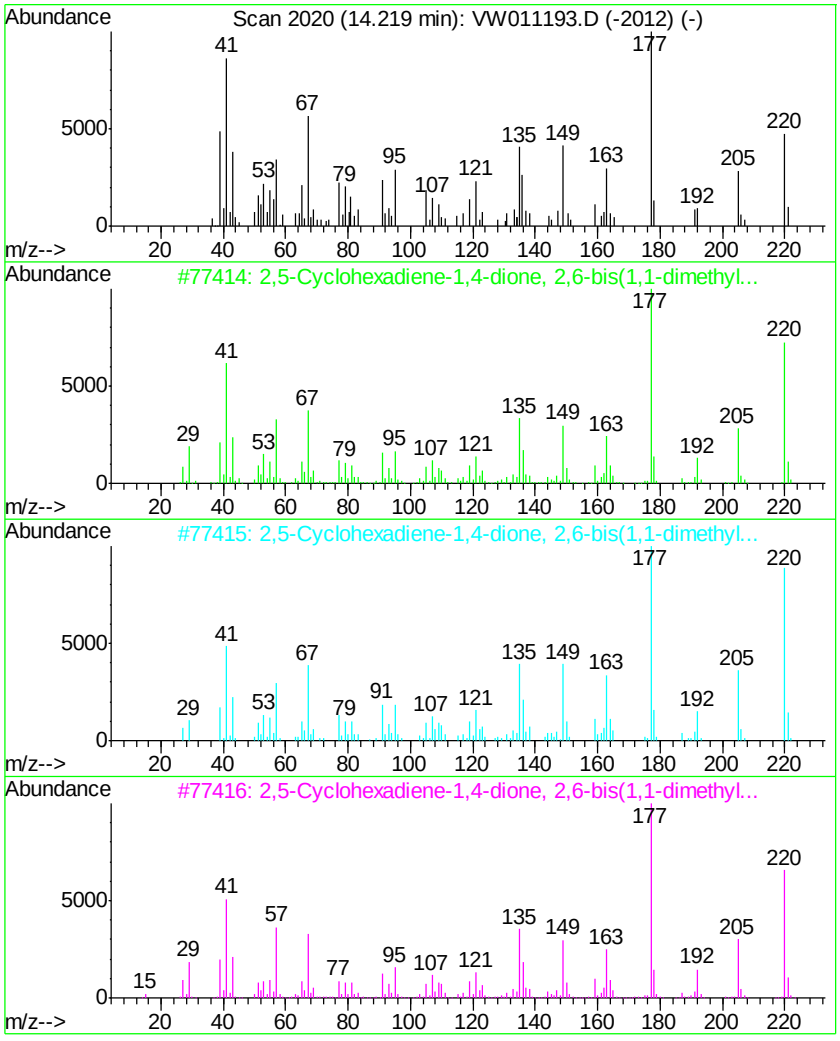
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

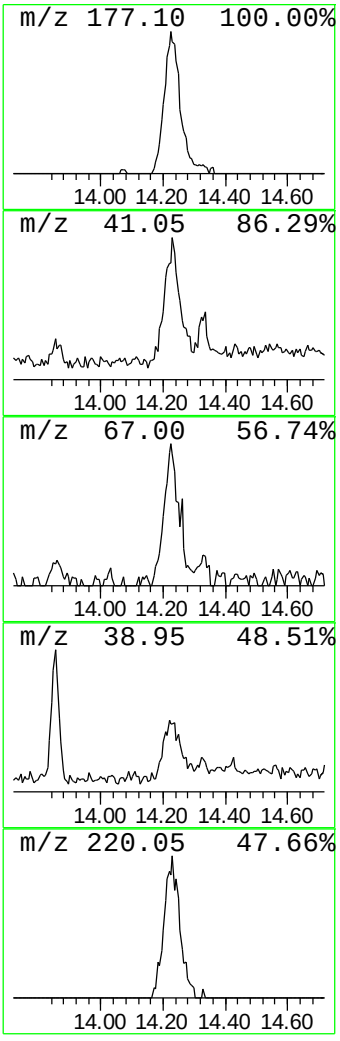
****

Peak Number 3 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.04 ug/L	85336	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	98
2	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	64
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	64
4	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	35
5	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	30





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
1-Hexanol, 2-ethyl-	13.65	1.7	ug/L	71888	3	13.56	1046410	25.0
2,5-Cyclohexadien...	14.22	2.0	ug/L	85336	3	13.56	1046410	25.0