LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
Data File : VU038106.D
Acq On : 11 May 2020 15:14
Operator : JC/MD
Sample : L2578-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSF4

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_U\METHOD\SOMULM043020WMA.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	1.613	77	85	96	rVB	306675	337690	13.06%	1.578%
2	1.932	175	184	197	rVB	280922	361323	13.97%	1.688%
3	2.594	378	390	407	rVB	475399	772621	29.88%	3.610%
4	2.803	442	455	477	rBV	52037	136173	5.27%	0.636%
5	3.079	539	541	547	rVB5	1244	876	0.03%	0.004%
6	3.147	559	562	564	rVB3	624	325	0.01%	0.002%
7	3.221	569	585	609	rVV2	64768	163902	6.34%	0.766%
8	3.321	614	616	620	rVB3	785	506	0.02%	0.002%
9	3.391	635	638	642	rBV3	791	550	0.02%	0.003%
10	3.430	647	650	651	rBV2	670	372	0.01%	0.002%
11	3.456	655	658	661	rVB3	573	346	0.01%	0.002%
12	3.623	706	710	713	rBV3	521	480	0.02%	0.002%
13	3.674	722	726	731	rVB4	343	324	0.01%	0.002%
14	3.706	731	736	739	rBV3	455	413	0.02%	0.002%
15	3.803	761	766	769	rBV2	419	417	0.02%	0.002%
16	3.935	805	807	811	rVB	539	355	0.01%	0.002%
17	4.051	839	843	846	rBV3	559	474	0.02%	0.002%
18	4.105	857	860	866	rBV3	640	542	0.02%	0.003%
19	4.224	891	897	899	rBV	329	364	0.01%	0.002%
20	4.407	950	954	958	rBV2	466	337	0.01%	0.002%
21	4.546	994	997	1002	rVV5	496	492	0.02%	0.002%
22	4.584	1006	1009	1016	rVB6	612	613	0.02%	0.003%
23	4.665	1016	1034	1071	rBV	335998	833828	32.25%	3.896%
24	4.851	1082	1092	1107	rVB2	10972	25416	0.98%	0.119%
25	5.031	1146	1148	1153	rBV5	548	420	0.02%	0.002%
26	5.102	1153	1170	1192	rVV	452093	989716	38.28%	4.624%
27	5.279	1222	1225	1226	rBV2	584	331	0.01%	0.002%
28	5.327	1232	1240	1244	rBV6	1834	3148	0.12%	0.015%
29	5.395	1258	1261	1262	rBV2	628	373	0.01%	0.002%
30	5.417	1266	1268	1279	rVB4	1243	1333	0.05%	0.006%
31	5.542	1305	1307	1313	rVB4	576	497	0.02%	0.002%
32	5.578	1313	1318	1319	rBV2	620	389	0.02%	0.002%
33	5.645	1336	1339	1342	rBV3	461	415	0.02%	0.002%
34	5.758	1351	1374	1404	rBV2	966195	2585652	100.00%	12.081%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
Data File : VU038106.D
Acq On : 11 May 2020 15:14
Operator : JC/MD
Sample : L2578-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSF4

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_U\METHOD\SOMULM043020WMA.M
Title : VOC Analysis

35	5.925	1423	1426	1427	rBV2	498	330	0.01%	0.002%
36	5.999	1443	1449	1451	rBV3	722	706	0.03%	0.003%
37	6.015	1452	1454	1458	rVB4	798	448	0.02%	0.002%
38	6.070	1468	1471	1475	rVV4	1069	902	0.03%	0.004%
39	6.131	1488	1490	1491	rBV2	674	333	0.01%	0.002%
40	6.140	1491	1493	1498	rVV2	1048	876	0.03%	0.004%
41	6.176	1502	1504	1506	rBV2	627	342	0.01%	0.002%
42	6.279	1520	1536	1561	rBV	881081	1688735	65.31%	7.890%
43	6.562	1613	1624	1638	rBV5	9771	21076	0.82%	0.098%
44	6.719	1657	1673	1691	rBV	626119	1205142	46.61%	5.631%
45	6.835	1702	1709	1717	rVB7	2093	3583	0.14%	0.017%
46	6.967	1747	1750	1756	rVB2	516	453	0.02%	0.002%
47	7.009	1761	1763	1766	rBV2	904	531	0.02%	0.002%
48	7.208	1815	1825	1835	rVV4	5538	9702	0.38%	0.045%
49	7.253	1836	1839	1842	rVV	589	351	0.01%	0.002%
50	7.292	1847	1851	1855	rBV4	416	428	0.02%	0.002%
51	7.349	1866	1869	1872	rVV2	527	364	0.01%	0.002%
52	7.452	1899	1901	1908	rVB2	609	635	0.02%	0.003%
53	7.494	1908	1914	1919	rBV3	448	658	0.03%	0.003%
54	7.529	1921	1925	1926	rBV	674	449	0.02%	0.002%
55	7.591	1930	1944	1961	rBV	347984	599196	23.17%	2.800%
56	7.703	1974	1979	1987	rBV4	3743	5141	0.20%	0.024%
57	7.812	2005	2013	2016	rBV4	1146	1258	0.05%	0.006%
58	7.922	2032	2047	2081	rBV	1143041	2045610	79.11%	9.558%
59	8.201	2120	2134	2153	rBV	236439	395522	15.30%	1.848%
60	8.407	2193	2198	2204	rVB2	530	511	0.02%	0.002%
61	8.449	2204	2211	2213	rVB4	452	471	0.02%	0.002%
62	8.484	2213	2222	2223	rBV3	2080	1956	0.08%	0.009%
63	8.574	2245	2250	2252	rBV	425	413	0.02%	0.002%
64	8.655	2257	2275	2320	rBV	947965	1749888	67.68%	8.176%
65	8.841	2331	2333	2340	rVB4	658	560	0.02%	0.003%
66	9.034	2388	2393	2394	rBV	850	720	0.03%	0.003%
67	9.111	2415	2417	2421	rVB	621	362	0.01%	0.002%
68	9.179	2433	2438	2441	rBV3	843	737	0.03%	0.003%
69	9.317	2475	2481	2485	rVB2	367	345	0.01%	0.002%
70	9.353	2485	2492	2494	rBV2	578	545	0.02%	0.003%
71	9.436	2503	2518	2551	rBV	1247488	2115347	81.81%	9.884%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
Data File : VU038106.D
Acq On : 11 May 2020 15:14
Operator : JC/MD
Sample : L2578-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSF4

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_U\METHOD\SOMULM043020WMA.M
Title : VOC Analysis

72	9.574	2557	2561	2564	rBV2	978	1031	0.04%	0.005%
73	9.619	2570	2575	2578	rBV4	701	752	0.03%	0.004%
74	9.706	2599	2602	2605	rVB4	790	448	0.02%	0.002%
75	9.819	2634	2637	2642	rBV	561	325	0.01%	0.002%
76	10.089	2716	2721	2725	rVB	560	433	0.02%	0.002%
77	10.420	2820	2824	2830	rVB2	456	396	0.02%	0.002%
78	10.771	2919	2933	2954	rBV	849777	1351522	52.27%	6.315%
79	10.902	2967	2974	2987	rVB5	1656	3026	0.12%	0.014%
80	10.957	2987	2991	2993	rBV	463	425	0.02%	0.002%
81	10.986	2996	3000	3004	rBV	1011	710	0.03%	0.003%
82	11.044	3010	3018	3031	rVB8	4062	7798	0.30%	0.036%
83	11.124	3041	3043	3045	rBV2	546	322	0.01%	0.002%
84	11.166	3053	3056	3067	rBV3	626	603	0.02%	0.003%
85	11.227	3073	3075	3078	rBV2	540	338	0.01%	0.002%
86	11.349	3109	3113	3117	rBV2	649	633	0.02%	0.003%
87	11.478	3146	3153	3158	rBV3	854	1020	0.04%	0.005%
88	11.822	3247	3260	3278	rBV	1302863	2060509	79.69%	9.627%
89	11.996	3311	3314	3316	rBV2	1007	648	0.03%	0.003%
90	12.079	3335	3340	3341	rBV2	997	773	0.03%	0.004%
91	12.205	3365	3379	3394	rBV	1163656	1887630	73.00%	8.820%
92	12.278	3399	3402	3404	rBV2	568	359	0.01%	0.002%
93	12.844	3575	3578	3583	rBV2	431	414	0.02%	0.002%
94	12.970	3609	3617	3619	rBV2	422	547	0.02%	0.003%
95	13.092	3652	3655	3658	rBV	604	364	0.01%	0.002%
96	13.237	3698	3700	3708	rVB3	651	472	0.02%	0.002%
97	13.684	3836	3839	3841	rBV	513	392	0.02%	0.002%
98	13.860	3891	3894	3901	rVB3	1613	1650	0.06%	0.008%
99	14.111	3968	3972	3979	rVB4	2789	2934	0.11%	0.014%
100	14.516	4096	4098	4101	rBV	794	462	0.02%	0.002%

Sum of corrected areas: 21402575

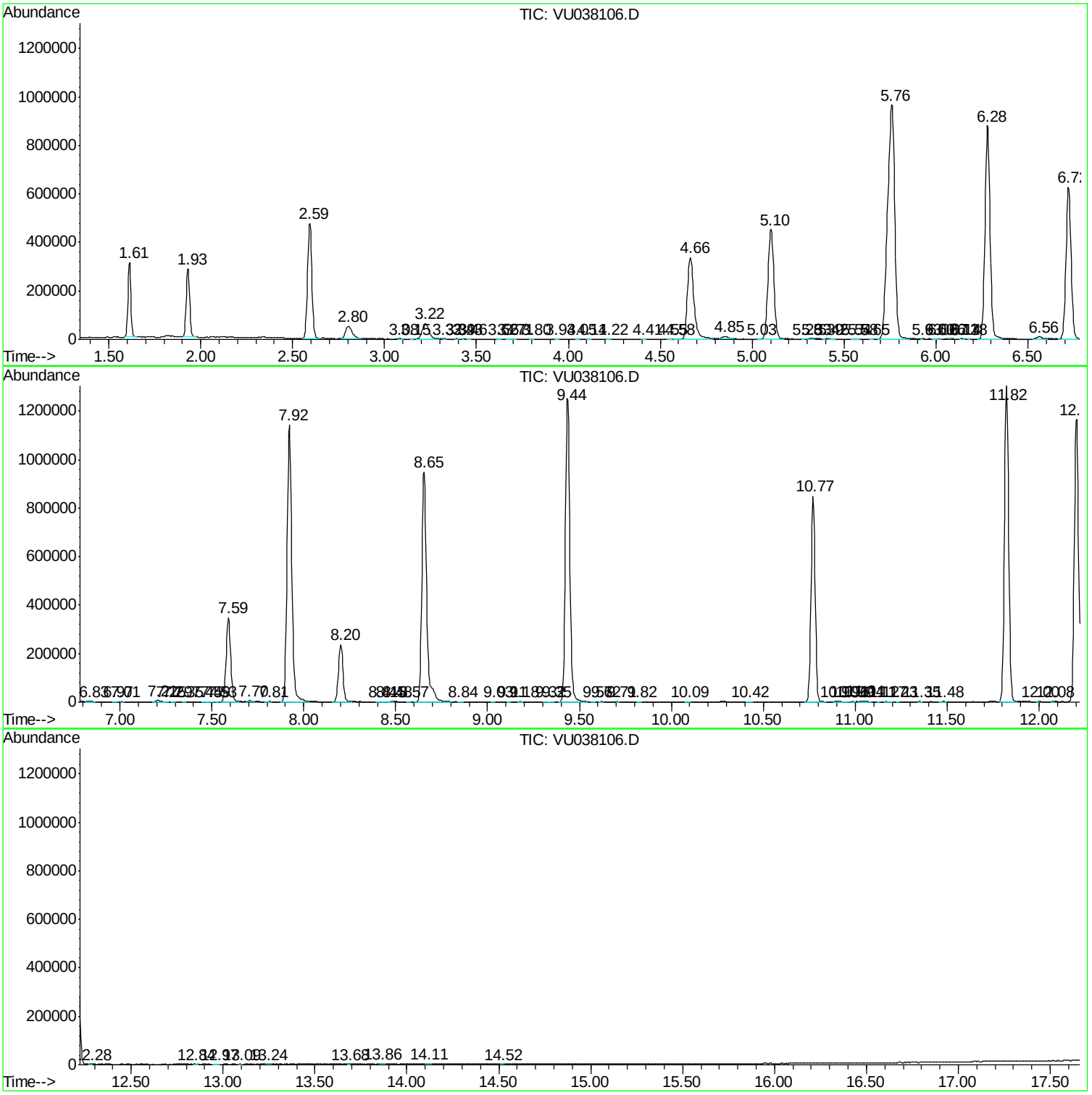
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038106.D
Acq On : 11 May 2020 15:14
Operator : JC/MD
Sample : L2578-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSF4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038106.D
Acq On : 11 May 2020 15:14
Operator : JC/MD
Sample : L2578-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSF4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

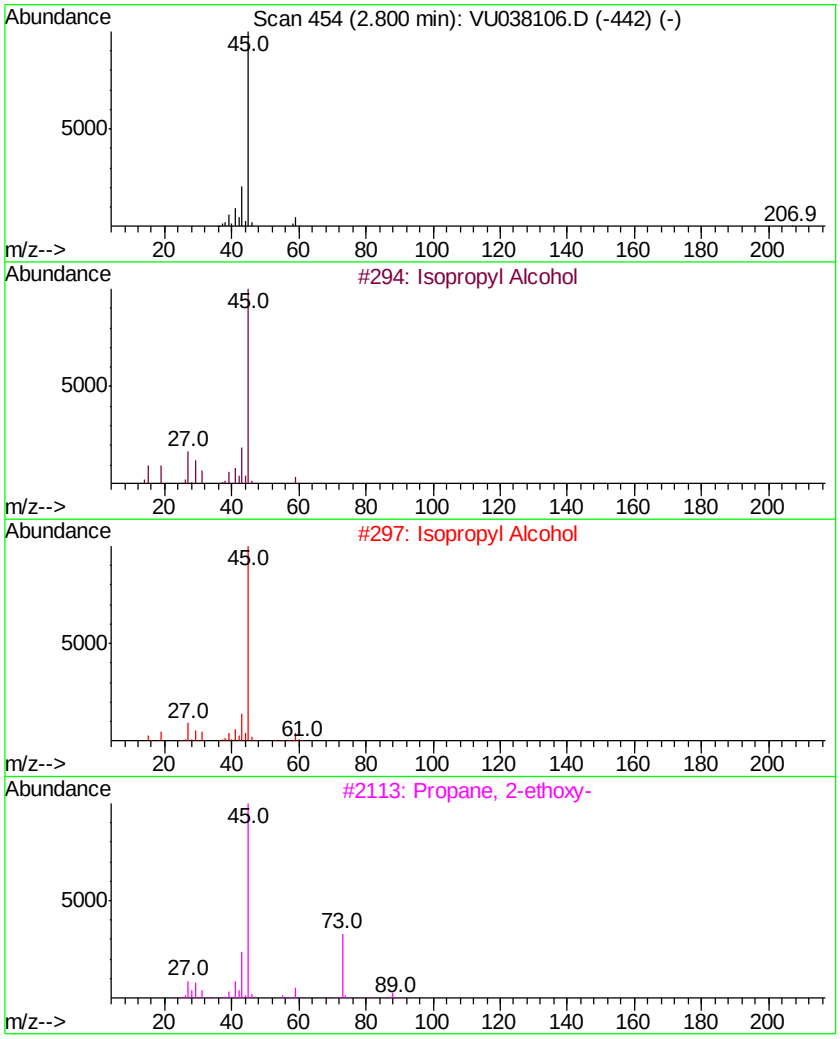
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

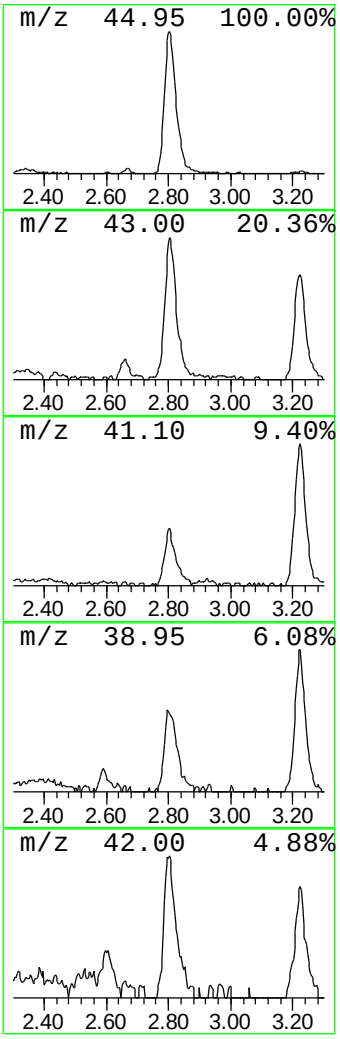
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	4.03 ug/L	136173	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
4	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038106.D
Acq On : 11 May 2020 15:14
Operator : JC/MD
Sample : L2578-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSF4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis

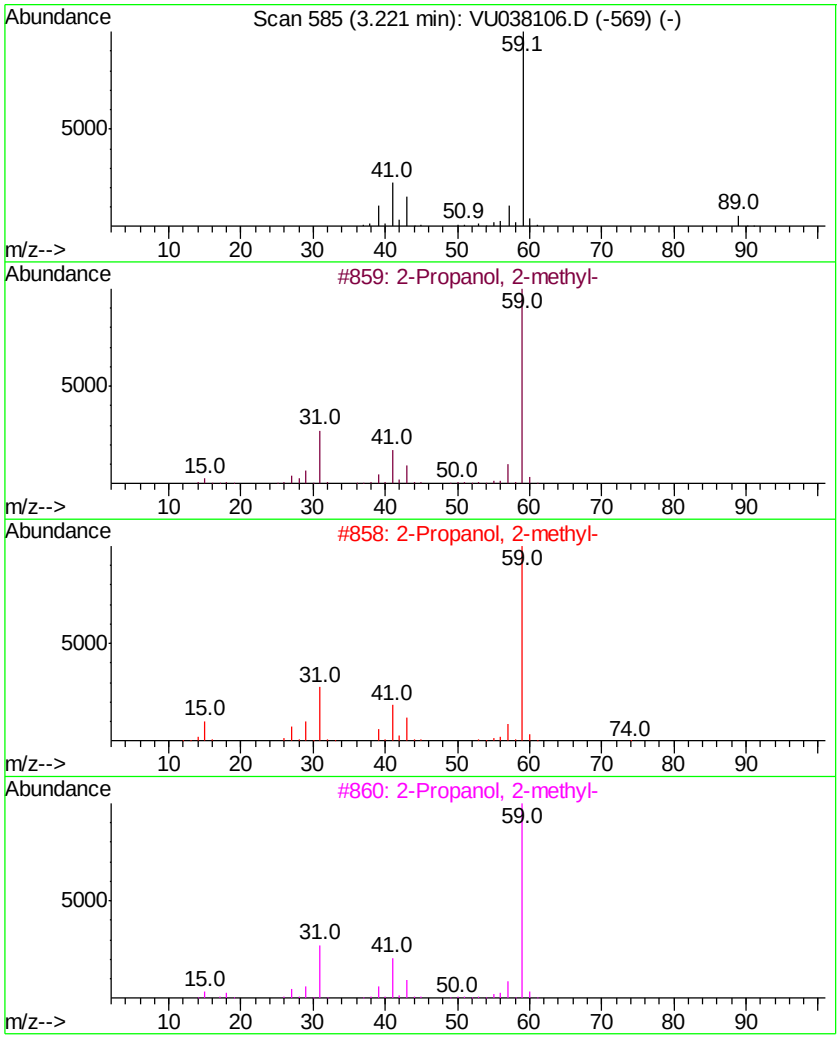
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

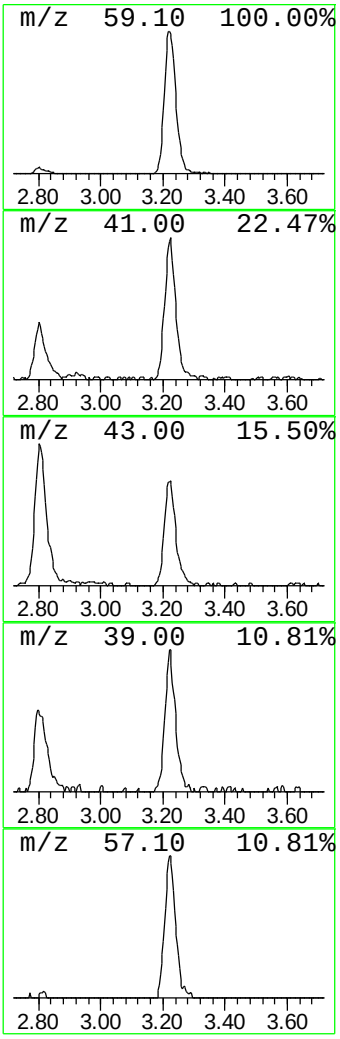
****

Peak Number 2 2-Propanol, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	4.85 ug/L	163902	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	78
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	64
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	56
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	50
5	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051120\
Data File : VU038106.D
Acq On : 11 May 2020 15:14
Operator : JC/MD
Sample : L2578-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSF4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
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
Isopropyl Alcohol	2.80	4.0	ug/L	136173	1	6.28	1688740	50.0
2-Propanol, 2-met...	3.22	4.8	ug/L	163902	1	6.28	1688740	50.0