LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031585.D
Acq On : 29 Apr 2019 14:45
Operator : JC/SP
Sample : K2592-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X83

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\SOMULM042719WMA.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	1.180	25	28	35	rVB2	15457	13930	0.43%	0.050%
2	1.395	88	95	107	rBV	414384	441925	13.52%	1.586%
3	1.678	176	183	200	rVB	343483	435228	13.32%	1.562%
4	1.829	223	230	238	rBV	95074	127789	3.91%	0.459%
5	1.884	239	247	262	rVB	346352	484221	14.82%	1.738%
6	2.270	356	367	377	rBV	713240	1083081	33.15%	3.888%
7	2.334	377	387	408	rVB	261627	558276	17.08%	2.004%
8	2.518	423	444	446	rBV	50442	127973	3.92%	0.459%
9	2.752	514	517	521	rBV4	1228	1111	0.03%	0.004%
10	2.836	532	543	549	rBV3	10949	21633	0.66%	0.078%
11	3.141	634	638	641	rBV3	942	639	0.02%	0.002%
12	3.177	646	649	652	rVB3	1392	778	0.02%	0.003%
13	3.206	652	658	663	rBV6	1646	1976	0.06%	0.007%
14	3.270	676	678	682	rBV2	1404	999	0.03%	0.004%
15	3.318	690	693	698	rBV2	1668	1814	0.06%	0.007%
16	3.411	718	722	725	rBV2	1253	848	0.03%	0.003%
17	3.434	725	729	733	rBV4	1590	1323	0.04%	0.005%
18	3.508	748	752	756	rBV5	1238	1376	0.04%	0.005%
19	3.566	767	770	774	rBV3	928	913	0.03%	0.003%
20	3.694	804	810	813	rBV3	1105	985	0.03%	0.004%
21	3.746	821	826	830	rBV3	845	874	0.03%	0.003%
22	3.765	830	832	835	rVB2	1307	685	0.02%	0.002%
23	3.800	841	843	849	rVB2	1180	640	0.02%	0.002%
24	3.952	888	890	897	rVB3	1018	826	0.03%	0.003%
25	3.987	897	901	903	rBV3	1032	736	0.02%	0.003%
26	4.180	947	961	1008	rBV	315487	1087258	33.27%	3.903%
27	4.485	1053	1056	1063	rBV6	1324	1615	0.05%	0.006%
28	4.521	1064	1067	1072	rVB4	1532	1263	0.04%	0.005%
29	4.643	1088	1105	1132	rVV	529318	1269793	38.86%	4.558%
30	4.826	1158	1162	1165	rBV5	910	771	0.02%	0.003%
31	4.868	1173	1175	1177	rBV3	1357	702	0.02%	0.003%
32	4.987	1210	1212	1215	rVB3	1380	821	0.03%	0.003%
33	5.077	1236	1240	1242	rBV2	1041	763	0.02%	0.003%
34	5.128	1244	1256	1267	rBV6	6495	15671	0.48%	0.056%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031585.D
Acq On : 29 Apr 2019 14:45
Operator : JC/SP
Sample : K2592-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X83

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\SOMULM042719WMA.M
Title : VOC Analysis

35	5.212	1278	1282	1285	rVB4	1081	836	0.03%	0.003%
36	5.228	1285	1287	1290	rBV3	1371	972	0.03%	0.003%
37	5.334	1296	1320	1359	rBV2	1072843	3267680	100.00%	11.729%
38	5.739	1440	1446	1448	rBV5	1520	1319	0.04%	0.005%
39	5.775	1454	1457	1459	rBV3	1511	1008	0.03%	0.004%
40	5.788	1459	1461	1463	rVV3	1280	682	0.02%	0.002%
41	5.881	1476	1490	1517	rBV	824051	1709751	52.32%	6.137%
42	6.183	1571	1584	1610	rBV	299414	631378	19.32%	2.266%
43	6.324	1614	1628	1662	rVV	721287	1503845	46.02%	5.398%
44	6.669	1732	1735	1738	rVB3	1259	735	0.02%	0.003%
45	6.723	1747	1752	1753	rBV2	741	631	0.02%	0.002%
46	6.736	1754	1756	1760	rVB3	1318	706	0.02%	0.003%
47	6.771	1760	1767	1769	rBV3	1478	1639	0.05%	0.006%
48	6.804	1774	1777	1779	rBV2	1253	775	0.02%	0.003%
49	6.816	1779	1781	1788	rVB3	1037	849	0.03%	0.003%
50	6.855	1790	1793	1797	rVB2	1127	752	0.02%	0.003%
51	6.890	1799	1804	1806	rBV5	1394	996	0.03%	0.004%
52	7.006	1833	1840	1843	rBV5	1471	1597	0.05%	0.006%
53	7.096	1864	1868	1874	rBV4	1043	1268	0.04%	0.005%
54	7.144	1880	1883	1886	rBV2	1052	682	0.02%	0.002%
55	7.225	1896	1908	1927	rBV	370100	690674	21.14%	2.479%
56	7.421	1961	1969	1973	rBV5	1499	1957	0.06%	0.007%
57	7.562	1999	2013	2033	rBV	1243543	2273226	69.57%	8.159%
58	7.849	2091	2102	2127	rBV	250027	463854	14.20%	1.665%
59	8.074	2163	2172	2175	rBV9	4321	5901	0.18%	0.021%
60	8.138	2186	2192	2194	rBV6	1144	1351	0.04%	0.005%
61	8.167	2194	2201	2203	rBV6	10988	10673	0.33%	0.038%
62	8.222	2207	2218	2235	rVV	1301547	2298667	70.35%	8.251%
63	8.308	2236	2245	2283	rVB	1038545	2043101	62.52%	7.333%
64	8.720	2370	2373	2376	rVB3	1557	836	0.03%	0.003%
65	8.768	2381	2388	2392	rBV7	1748	1937	0.06%	0.007%
66	8.842	2408	2411	2414	rVB4	1850	1044	0.03%	0.004%
67	8.903	2425	2430	2436	rBV7	2190	2105	0.06%	0.008%
68	9.086	2474	2487	2530	rBV	1212406	2166794	66.31%	7.777%
69	9.321	2557	2560	2568	rVB7	2319	2035	0.06%	0.007%
70	9.392	2580	2582	2586	rVB2	1759	1079	0.03%	0.004%
71	9.447	2595	2599	2603	rBV4	1295	1060	0.03%	0.004%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031585.D
Acq On : 29 Apr 2019 14:45
Operator : JC/SP
Sample : K2592-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X83

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\SOMULM042719WMA.M
Title : VOC Analysis

72	9.498	2612	2615	2618	rVB4	1431	1064	0.03%	0.004%
73	9.668	2666	2668	2672	rVB3	1364	871	0.03%	0.003%
74	9.694	2672	2676	2678	rBV3	1069	906	0.03%	0.003%
75	9.797	2704	2708	2710	rBV2	1091	842	0.03%	0.003%
76	9.839	2718	2721	2724	rBV	843	628	0.02%	0.002%
77	9.884	2732	2735	2736	rBV2	1207	685	0.02%	0.002%
78	9.945	2751	2754	2756	rBV2	1181	772	0.02%	0.003%
79	10.241	2842	2846	2848	rBV3	1468	1159	0.04%	0.004%
80	10.324	2869	2872	2875	rVB2	1842	1167	0.04%	0.004%
81	10.427	2891	2904	2929	rBV	946938	1537847	47.06%	5.520%
82	10.604	2951	2959	2969	rVB2	12195	18318	0.56%	0.066%
83	10.713	2990	2993	2995	rBV3	1388	887	0.03%	0.003%
84	10.752	3003	3005	3009	rVB3	1744	1143	0.03%	0.004%
85	10.993	3077	3080	3083	rBV4	1187	756	0.02%	0.003%
86	11.061	3099	3101	3104	rBV2	1062	770	0.02%	0.003%
87	11.180	3136	3138	3143	rVB2	1184	702	0.02%	0.003%
88	11.254	3156	3161	3164	rBV3	1036	979	0.03%	0.004%
89	11.479	3219	3231	3254	rBV	1018141	1650140	50.50%	5.923%
90	11.855	3336	3348	3375	rBV	1089211	1838899	56.28%	6.600%
91	12.192	3450	3453	3460	rBV6	2098	2519	0.08%	0.009%
92	12.472	3534	3540	3548	rBV5	3596	6159	0.19%	0.022%
93	12.707	3611	3613	3616	rBV2	1504	1137	0.03%	0.004%
94	12.765	3628	3631	3635	rBV3	1157	1191	0.04%	0.004%
95	13.318	3801	3803	3807	rVB3	1415	737	0.02%	0.003%
96	13.443	3839	3842	3846	rVB3	1638	1031	0.03%	0.004%
97	13.517	3862	3865	3867	rBV2	1038	832	0.03%	0.003%
98	13.919	3986	3990	3992	rBV4	1639	1515	0.05%	0.005%
99	14.012	4017	4019	4023	rBV2	1829	1503	0.05%	0.005%
100	14.343	4119	4122	4127	rVB3	1941	1674	0.05%	0.006%

Sum of corrected areas: 27860464

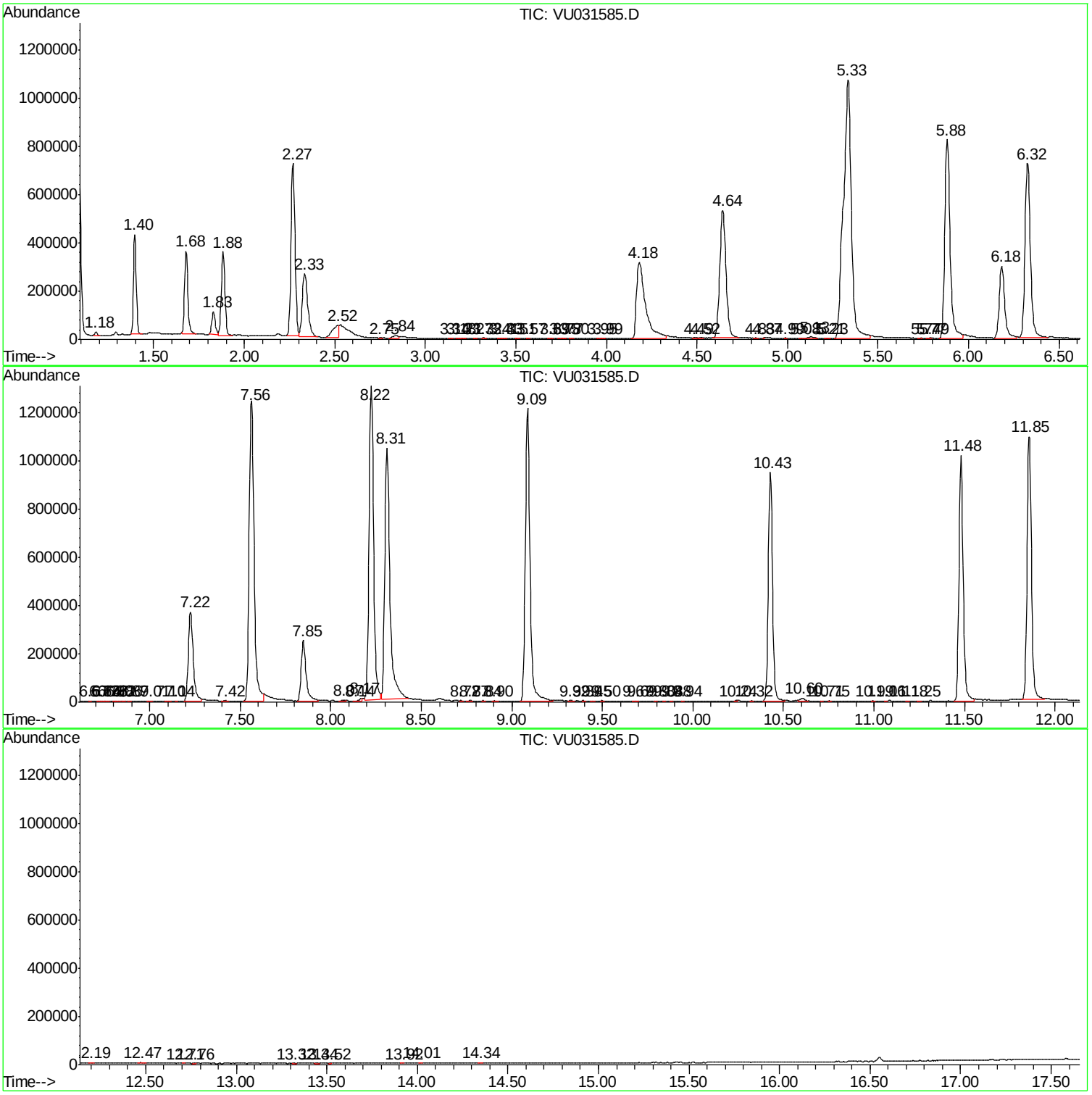
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
Data File : VU031585.D
Acq On : 29 Apr 2019 14:45
Operator : JC/SP
Sample : K2592-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X83

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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\VU042919\
Data File : VU031585.D
Acq On : 29 Apr 2019 14:45
Operator : JC/SP
Sample : K2592-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X83

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

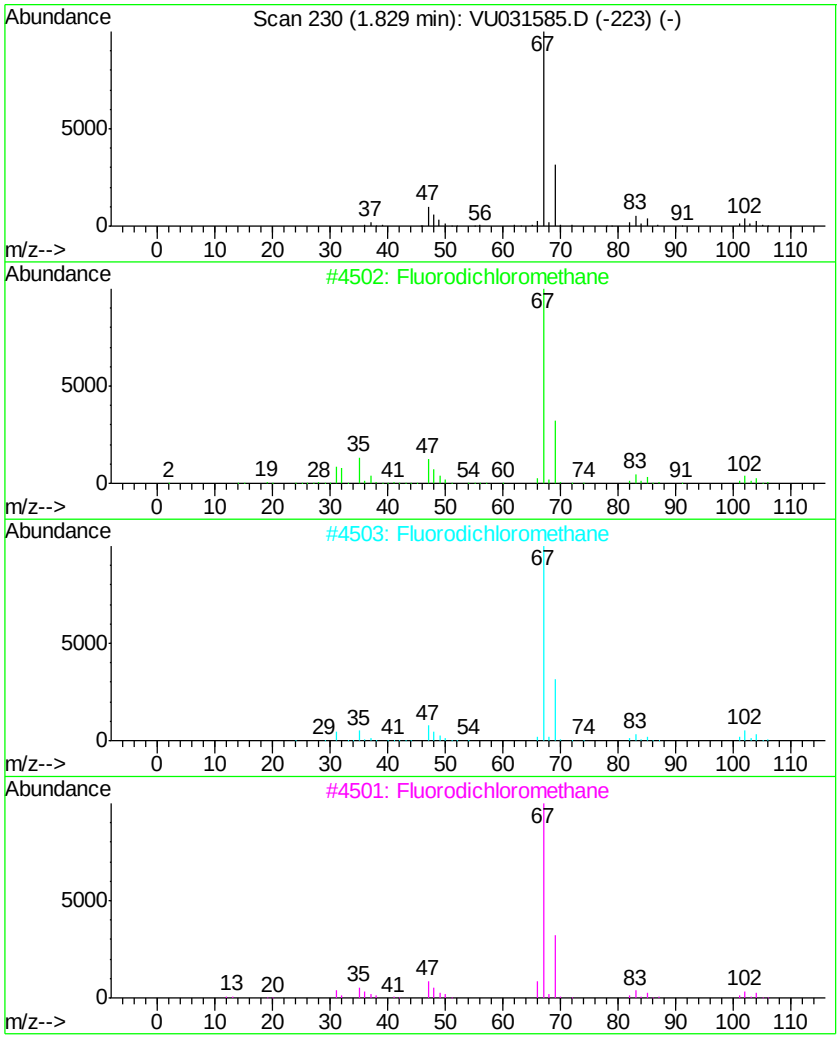
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

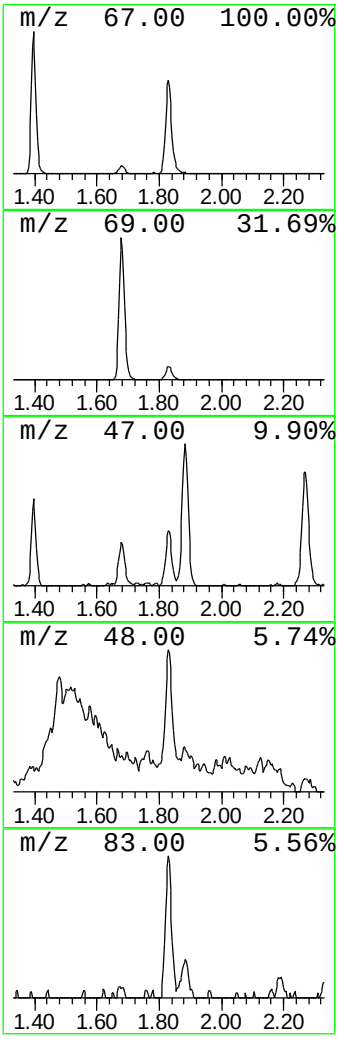
****

Peak Number 1 Fluorodichloromethane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.83	3.74 ug/L	127789	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorodichloromethane	102	CHCl2F	000075-43-4	94
2	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
3	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
4	Methanamine, N,N-difluoro-	67	CH3F2N	000753-58-2	5
5	Methanamine, N,N-difluoro-	67	CH3F2N	000753-58-2	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031585.D
Acq On : 29 Apr 2019 14:45
Operator : JC/SP
Sample : K2592-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X83

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

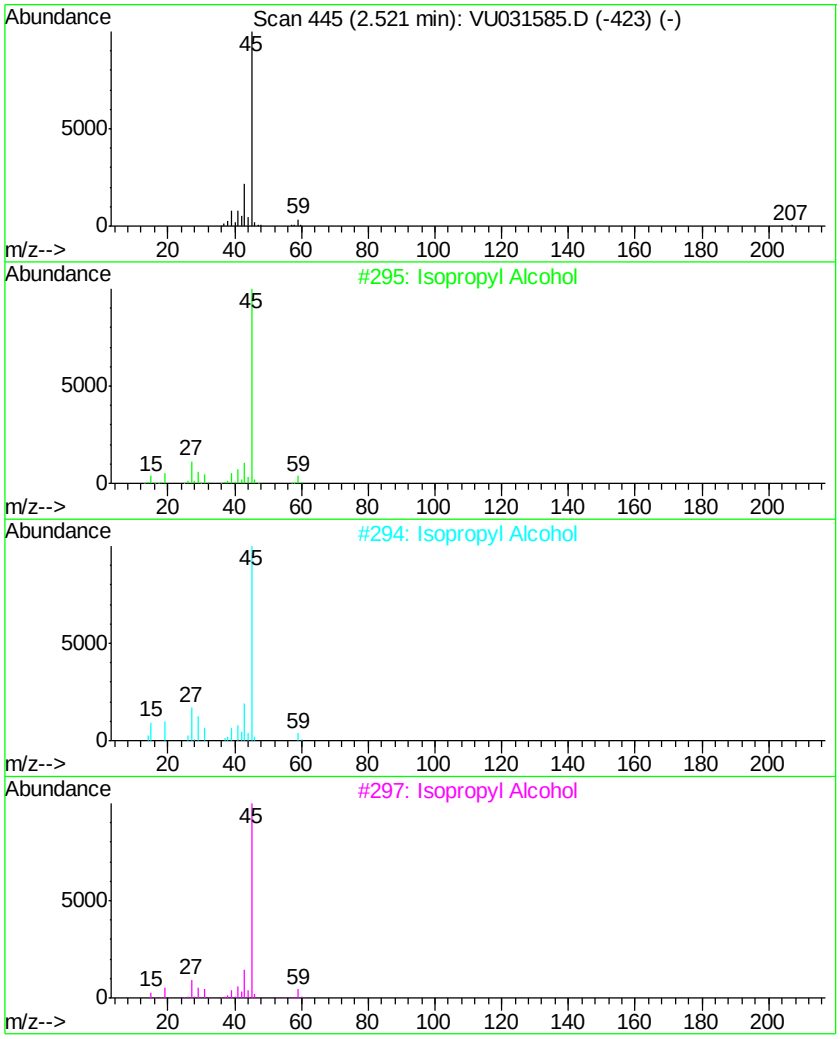
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

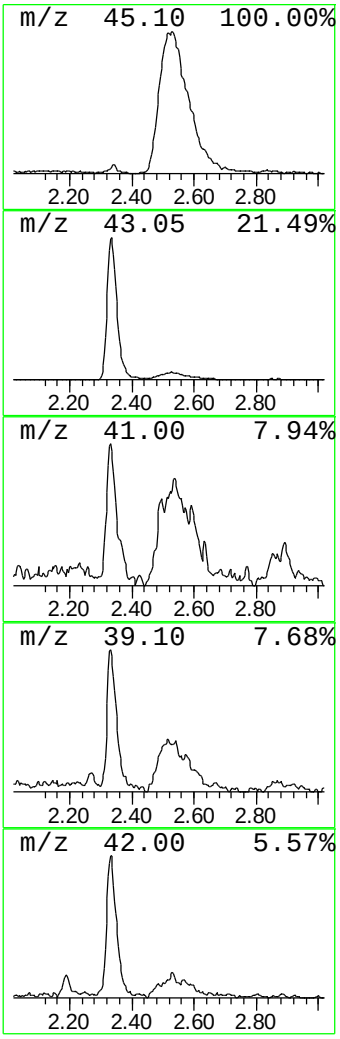
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.52	3.74 ug/L	127973	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56
5	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
Data File : VU031585.D
Acq On : 29 Apr 2019 14:45
Operator : JC/SP
Sample : K2592-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X83

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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
Fluorodichlorometh...	1.83	3.7	ug/L	127789	1	5.88	1709750	50.0
Isopropyl Alcohol	2.52	3.7	ug/L	127973	1	5.88	1709750	50.0