LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031584.D
Acq On : 29 Apr 2019 14:22
Operator : JC/SP
Sample : K2592-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X82

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	24	28	34	rVB	17793	16366	0.50%	0.060%
2	1.396	88	95	107	rBV	413697	445026	13.56%	1.637%
3	1.679	176	183	199	rVB	346963	435754	13.28%	1.603%
4	1.830	223	230	239	rBV	118733	155499	4.74%	0.572%
5	1.884	239	247	260	rVB	200785	275764	8.40%	1.015%
6	2.270	356	367	377	rBV	713278	1082191	32.97%	3.982%
7	2.334	378	387	413	rVB2	277775	636998	19.41%	2.344%
8	2.531	425	448	493	rVB2	73565	479387	14.61%	1.764%
9	2.804	529	533	534	rBV3	1773	1274	0.04%	0.005%
10	2.990	588	591	595	rBV4	1958	1381	0.04%	0.005%
11	3.029	601	603	607	rVB3	869	471	0.01%	0.002%
12	3.141	636	638	643	rBV4	891	740	0.02%	0.003%
13	3.170	644	647	649	rVV2	945	681	0.02%	0.003%
14	3.186	649	652	656	rVV2	1802	1675	0.05%	0.006%
15	3.219	660	662	670	rVB6	976	1243	0.04%	0.005%
16	3.254	670	673	675	rBV2	855	570	0.02%	0.002%
17	3.270	676	678	684	rVB3	928	766	0.02%	0.003%
18	3.334	693	698	703	rVB3	1548	1456	0.04%	0.005%
19	3.373	703	710	713	rBV5	2238	2497	0.08%	0.009%
20	3.457	732	736	738	rBV4	758	509	0.02%	0.002%
21	3.511	751	753	758	rVB2	995	880	0.03%	0.003%
22	3.537	758	761	763	rBV3	1130	802	0.02%	0.003%
23	3.582	770	775	776	rBV2	1122	802	0.02%	0.003%
24	3.672	800	803	806	rBV3	858	621	0.02%	0.002%
25	3.707	810	814	817	rBV3	972	694	0.02%	0.003%
26	3.736	821	823	827	rVB2	1066	674	0.02%	0.002%
27	3.965	890	894	898	rBV2	1508	1059	0.03%	0.004%
28	3.997	900	904	908	rBV4	984	861	0.03%	0.003%
29	4.058	920	923	926	rBV2	916	702	0.02%	0.003%
30	4.096	933	935	938	rBV	894	601	0.02%	0.002%
31	4.141	943	949	950	rBV4	1152	1087	0.03%	0.004%
32	4.183	950	962	1017	rBV2	309743	1109991	33.82%	4.084%
33	4.643	1088	1105	1129	rBV	524821	1269847	38.69%	4.672%
34	4.968	1202	1206	1208	rBV3	1012	941	0.03%	0.003%

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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X82

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_U\METHOD\SOMULM042719WMA.M
Title : VOC Analysis

35	4.981	1208	1210	1212	rBV3	1123	674	0.02%	0.002%
36	5.035	1222	1227	1231	rBV3	1238	1330	0.04%	0.005%
37	5.093	1241	1245	1249	rBV3	1001	1053	0.03%	0.004%
38	5.132	1249	1257	1265	rVB5	2372	4106	0.13%	0.015%
39	5.219	1278	1284	1286	rBV4	1308	1158	0.04%	0.004%
40	5.235	1286	1289	1291	rBV3	1566	956	0.03%	0.004%
41	5.334	1296	1320	1365	rBV2	1058286	3282291	100.00%	12.076%
42	5.752	1448	1450	1453	rBV3	1453	1101	0.03%	0.004%
43	5.881	1477	1490	1522	rBV	819509	1733943	52.83%	6.380%
44	6.186	1573	1585	1612	rVB4	90778	205774	6.27%	0.757%
45	6.328	1614	1629	1655	rBV	718191	1486451	45.29%	5.469%
46	6.524	1687	1690	1693	rBV4	1170	1023	0.03%	0.004%
47	6.614	1716	1718	1721	rBV2	1222	606	0.02%	0.002%
48	6.662	1729	1733	1736	rVB3	1223	972	0.03%	0.004%
49	6.682	1736	1739	1741	rBV3	1026	703	0.02%	0.003%
50	6.762	1761	1764	1767	rBV2	643	560	0.02%	0.002%
51	6.810	1776	1779	1780	rBV3	1019	586	0.02%	0.002%
52	6.887	1801	1803	1806	rVB3	1446	801	0.02%	0.003%
53	6.910	1806	1810	1812	rBV3	591	470	0.01%	0.002%
54	6.968	1825	1828	1832	rBV3	843	578	0.02%	0.002%
55	7.051	1849	1854	1855	rBV2	959	861	0.03%	0.003%
56	7.064	1856	1858	1863	rVB4	1661	1353	0.04%	0.005%
57	7.087	1863	1865	1870	rBV3	1247	1292	0.04%	0.005%
58	7.161	1883	1888	1890	rBV	854	873	0.03%	0.003%
59	7.177	1890	1893	1895	rBV3	771	503	0.02%	0.002%
60	7.225	1896	1908	1933	rBV	374070	697046	21.24%	2.565%
61	7.402	1960	1963	1966	rBV3	1278	1086	0.03%	0.004%
62	7.498	1991	1993	1997	rVB3	1779	1170	0.04%	0.004%
63	7.563	1998	2013	2033	rBV	1250064	2292131	69.83%	8.433%
64	7.849	2091	2102	2128	rBV	242260	461441	14.06%	1.698%
65	8.064	2163	2169	2172	rBV4	3538	3950	0.12%	0.015%
66	8.173	2192	2203	2207	rBV3	14508	22320	0.68%	0.082%
67	8.222	2207	2218	2235	rVV	938896	1668034	50.82%	6.137%
68	8.308	2236	2245	2283	rVB	1022972	2032272	61.92%	7.477%
69	8.575	2326	2328	2329	rBV2	1543	702	0.02%	0.003%
70	8.595	2330	2334	2347	rVV9	5499	10432	0.32%	0.038%
71	8.771	2387	2389	2391	rVB3	1096	478	0.01%	0.002%

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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X82

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	8.791	2391	2395	2396	rBV3	1417	1086	0.03%	0.004%
73	8.887	2422	2425	2426	rBV	792	458	0.01%	0.002%
74	9.035	2468	2471	2473	rBV3	878	538	0.02%	0.002%
75	9.087	2474	2487	2523	rBV	1233878	2188464	66.67%	8.052%
76	9.488	2610	2612	2616	rBV4	1072	609	0.02%	0.002%
77	9.527	2621	2624	2625	rBV2	846	490	0.01%	0.002%
78	9.579	2637	2640	2644	rVV5	1429	804	0.02%	0.003%
79	9.598	2644	2646	2650	rVB5	850	506	0.02%	0.002%
80	9.649	2657	2662	2663	rBV3	970	756	0.02%	0.003%
81	9.678	2669	2671	2673	rBV2	1039	648	0.02%	0.002%
82	9.884	2731	2735	2738	rBV5	1128	973	0.03%	0.004%
83	9.910	2738	2743	2746	rVB4	1327	1165	0.04%	0.004%
84	9.942	2748	2753	2756	rBV4	1289	1098	0.03%	0.004%
85	10.029	2778	2780	2784	rBV3	1234	839	0.03%	0.003%
86	10.087	2794	2798	2802	rBV4	1335	1243	0.04%	0.005%
87	10.109	2803	2805	2808	rVB	1221	485	0.01%	0.002%
88	10.125	2808	2810	2814	rBV2	865	573	0.02%	0.002%
89	10.183	2824	2828	2831	rBV4	1201	992	0.03%	0.004%
90	10.218	2834	2839	2840	rVV3	898	802	0.02%	0.003%
91	10.373	2883	2887	2890	rVB2	1163	890	0.03%	0.003%
92	10.427	2890	2904	2928	rBV	966528	1551797	47.28%	5.709%
93	10.604	2951	2959	2973	rVB6	12983	24643	0.75%	0.091%
94	10.910	3051	3054	3057	rBV4	1232	977	0.03%	0.004%
95	11.398	3204	3206	3209	rBV4	1278	637	0.02%	0.002%
96	11.479	3219	3231	3261	rBV	1000851	1680230	51.19%	6.182%
97	11.855	3336	3348	3379	rBV	1101347	1862628	56.75%	6.853%
98	12.234	3464	3466	3471	rBV3	2128	1917	0.06%	0.007%
99	12.302	3485	3487	3492	rBV4	2058	1524	0.05%	0.006%
100	14.160	4063	4065	4066	rBV	1718	798	0.02%	0.003%

Sum of corrected areas: 27179460

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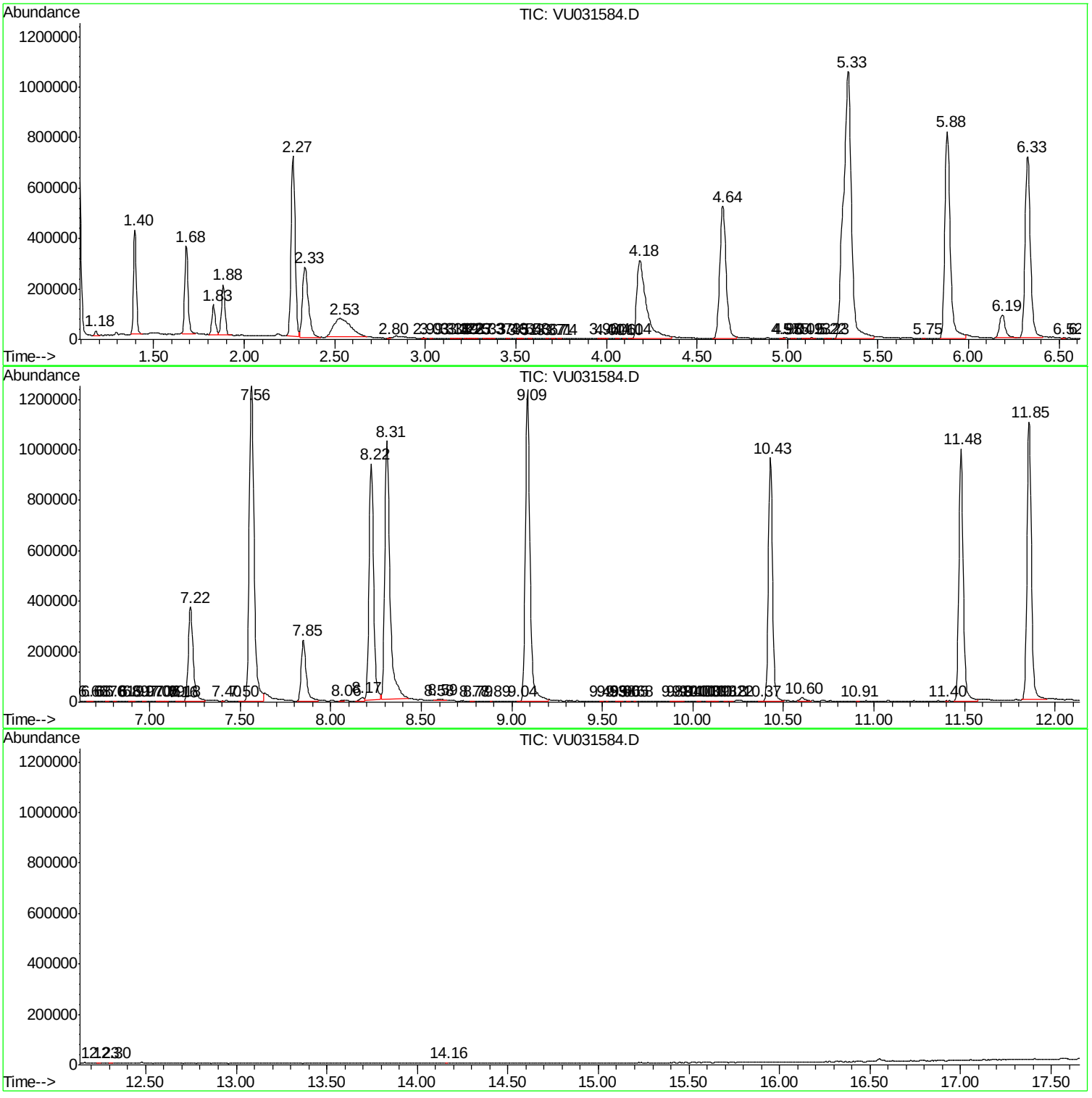
ClientSampleId : C0X82

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



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

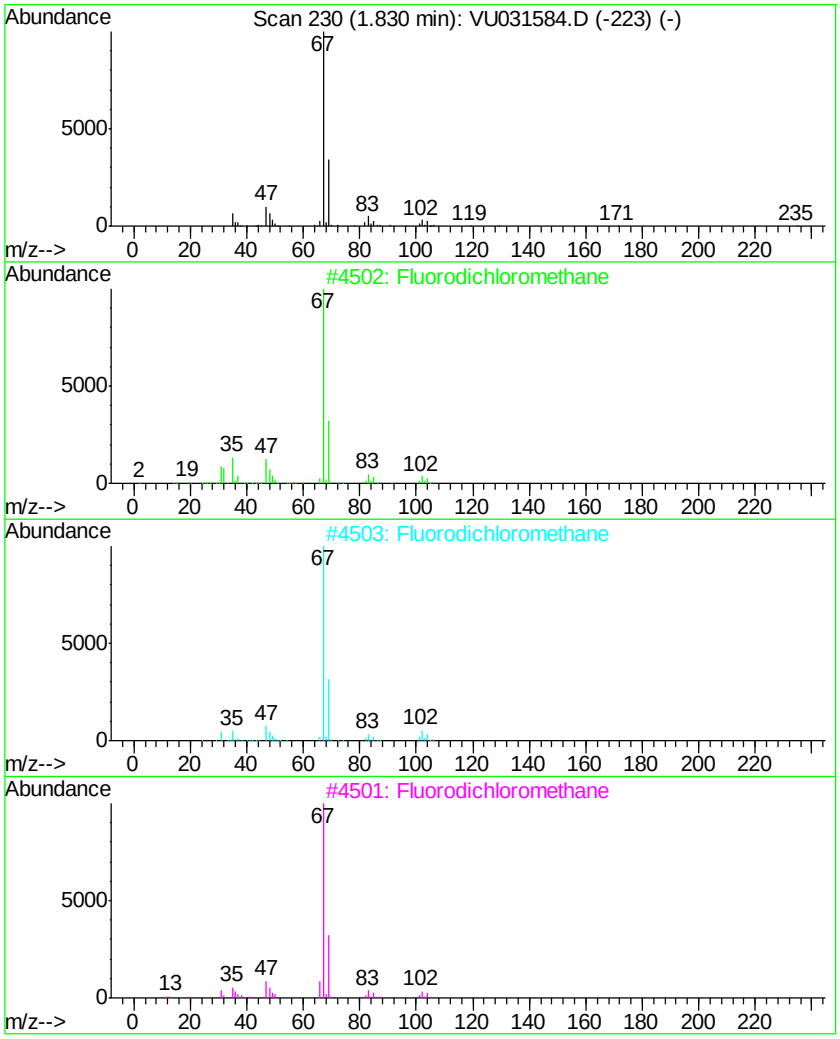
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

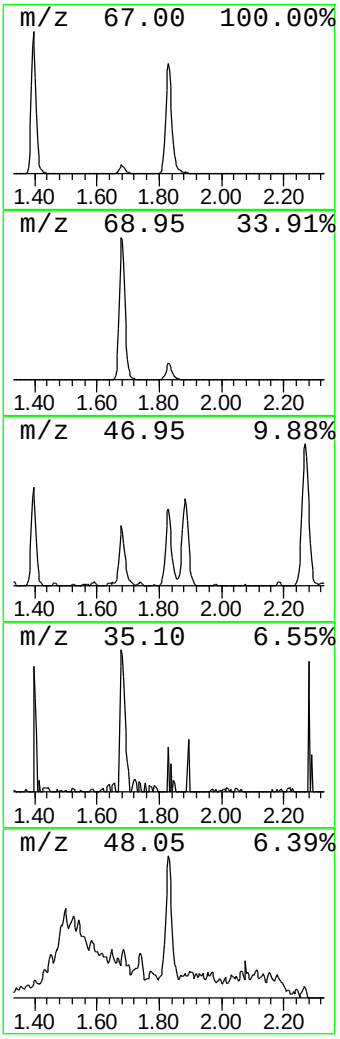
****

Peak Number 1 Fluorodichloromethane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.83	4.48 ug/L	155499	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	Methane, bromochlorofluoro-	146	CHBrClF	000593-98-6	43
5	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
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ClientSampleId : C0X82

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

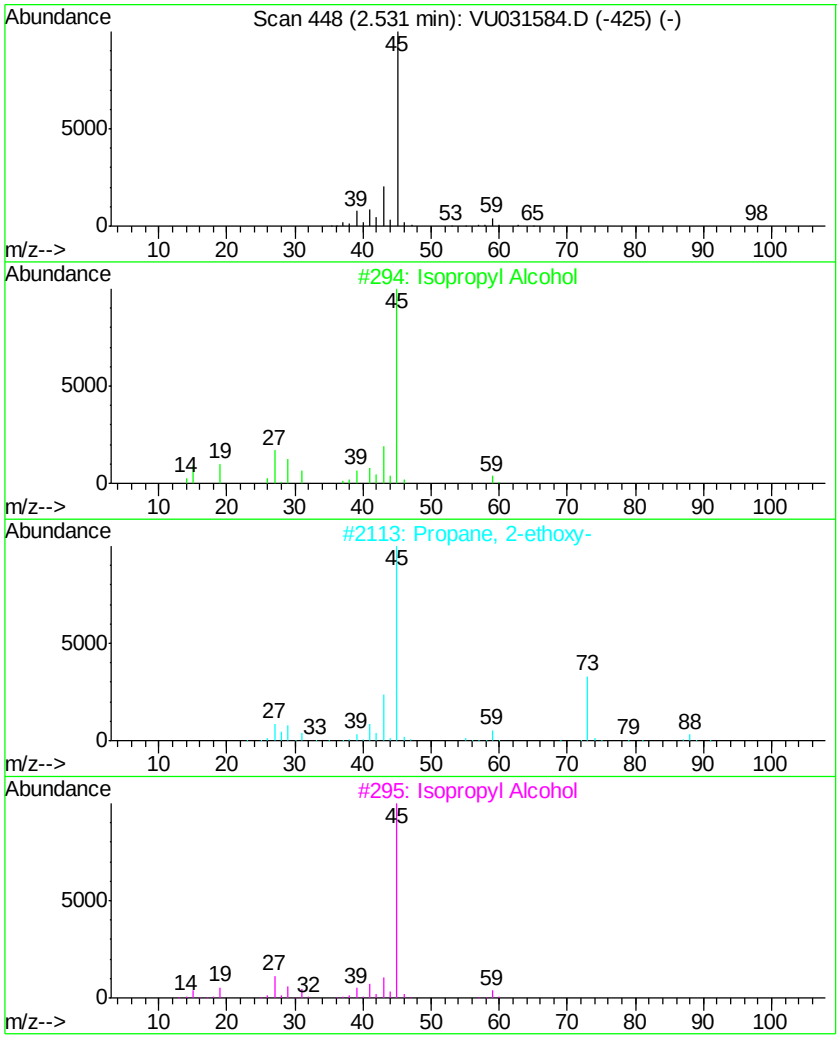
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

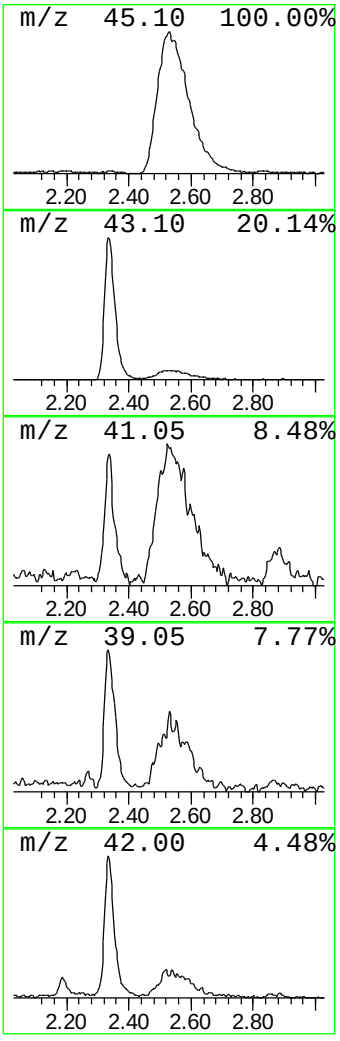
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.53	13.82 ug/L	479387	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4	(S)-(+)-2-Pentanol	88	C5H12O	026184-62-3	9
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9





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
Fluorodichloromet...	1.83	4.5	ug/L	155499	1	5.88	1733940	50.0
Isopropyl Alcohol	2.53	13.8	ug/L	479387	1	5.88	1733940	50.0