LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039242.D
Acq On : 15 Dec 2023 20:39
Operator : JC/MD
Sample : 05844-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YCHG6

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_X\Method\SFAMXLM120523WMA.M
Title : VOC Analysis

Signal : TIC: VX039242.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.179	12	15	22	rVB	13838	17392	1.92%	0.206%
2	1.270	27	30	37	rVV	33074	34141	3.76%	0.404%
3	1.368	41	46	57	rBV2	104693	126492	13.95%	1.497%
4	1.666	91	95	105	rBV	67641	98031	10.81%	1.160%
5	2.319	194	202	208	rBV3	437106	819735	90.38%	9.702%
6	2.374	208	211	219	rVB	37024	61900	6.83%	0.733%
7	2.526	230	236	249	rBV	208040	370277	40.83%	4.383%
8	2.953	300	306	316	rVB2	6991	14861	1.64%	0.176%
9	3.093	327	329	330	rBV	510	415	0.05%	0.005%
10	3.300	361	363	365	rBV2	278	277	0.03%	0.003%
11	3.416	379	382	383	rBV	367	384	0.04%	0.005%
12	3.434	383	385	388	rBV2	263	324	0.04%	0.004%
13	3.611	403	414	427	rVB	22837	55138	6.08%	0.653%
14	3.806	445	446	449	rBV	193	202	0.02%	0.002%
15	3.910	461	463	466	rBV	190	221	0.02%	0.003%
16	4.050	484	486	489	rBV	350	244	0.03%	0.003%
17	4.453	543	552	564	rBV3	90070	366053	40.36%	4.333%
18	5.056	634	651	668	rBV	117641	384845	42.43%	4.555%
19	5.276	685	687	689	rBV	292	270	0.03%	0.003%
20	5.318	689	694	695	rVV2	285	432	0.05%	0.005%
21	5.385	695	705	717	rVB3	12628	36616	4.04%	0.433%
22	5.526	725	728	729	rBV	276	265	0.03%	0.003%
23	5.556	731	733	735	rBV2	460	430	0.05%	0.005%
24	5.855	780	782	784	rVB2	288	204	0.02%	0.002%
25	5.971	787	801	818	rBV2	300772	906955	100.00%	10.735%
26	6.763	921	931	949	rBV	229106	553741	61.05%	6.554%
27	7.031	974	975	978	rBV	309	299	0.03%	0.004%
28	7.123	983	990	1003	rVB2	38245	85225	9.40%	1.009%
29	7.214	1003	1005	1011	rVB2	319	218	0.02%	0.003%
30	7.306	1011	1020	1034	rBV	187407	415064	45.76%	4.913%
31	7.647	1073	1076	1077	rVB	342	297	0.03%	0.004%
32	7.659	1077	1078	1081	rBV2	210	238	0.03%	0.003%
33	7.885	1113	1115	1116	rBV	486	336	0.04%	0.004%
34	7.903	1116	1118	1124	rVB3	877	1218	0.13%	0.014%
35	8.324	1181	1187	1200	rVV	131693	218511	24.09%	2.586%
36	8.501	1213	1216	1217	rBV2	295	339	0.04%	0.004%

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Integrator: RTE
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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_X\Method\SFAMXLM120523WMA.M
Title : VOC Analysis

37	8.531	1219	1221	1226	rVB2	386	482	0.05%	0.006%
38	8.586	1226	1230	1233	rBV3	305	524	0.06%	0.006%
39	8.647	1234	1240	1249	rBV	454799	710141	78.30%	8.405%
40	8.952	1284	1290	1307	rBV	95053	146429	16.15%	1.733%
41	9.122	1316	1318	1319	rVB	331	218	0.02%	0.003%
42	9.147	1319	1322	1324	rBV3	230	319	0.04%	0.004%
43	9.275	1339	1343	1350	rVB4	1145	1853	0.20%	0.022%
44	9.385	1355	1361	1376	rBV	384448	551879	60.85%	6.532%
45	9.616	1394	1399	1406	rBV	12331	19082	2.10%	0.226%
46	9.933	1449	1451	1454	rVB	329	258	0.03%	0.003%
47	9.970	1454	1457	1458	rBV	250	218	0.02%	0.003%
48	10.055	1465	1471	1486	rBV	484836	677798	74.73%	8.022%
49	10.305	1509	1512	1517	rBV3	554	833	0.09%	0.010%
50	10.366	1521	1522	1526	rBV	178	216	0.02%	0.003%
51	10.647	1566	1568	1571	rBV	361	475	0.05%	0.006%
52	10.903	1606	1610	1616	rVB2	162	371	0.04%	0.004%
53	10.964	1616	1620	1623	rBV2	267	443	0.05%	0.005%
54	11.018	1625	1629	1634	rVV4	1827	2977	0.33%	0.035%
55	11.092	1636	1641	1646	rVB4	1255	1888	0.21%	0.022%
56	11.189	1651	1657	1665	rBV	360128	455251	50.20%	5.388%
57	11.311	1673	1677	1681	rVB4	1821	2372	0.26%	0.028%
58	11.354	1681	1684	1685	rVB	351	204	0.02%	0.002%
59	11.451	1698	1700	1702	rVV	414	321	0.04%	0.004%
60	11.494	1704	1707	1710	rBV2	264	361	0.04%	0.004%
61	11.756	1746	1750	1754	rVV2	495	628	0.07%	0.007%
62	11.902	1772	1774	1777	rVB2	237	233	0.03%	0.003%
63	11.963	1782	1784	1786	rVB2	350	201	0.02%	0.002%
64	12.018	1788	1793	1806	rBV	513700	656662	72.40%	7.772%
65	12.207	1822	1824	1825	rBV	321	208	0.02%	0.002%
66	12.317	1837	1842	1853	rBV	487542	628907	69.34%	7.444%
67	12.543	1874	1879	1881	rBV2	307	364	0.04%	0.004%
68	12.768	1911	1916	1919	rVV2	769	1101	0.12%	0.013%
69	12.951	1945	1946	1949	rVV	221	196	0.02%	0.002%
70	13.183	1981	1984	1987	rBV2	215	296	0.03%	0.004%
71	13.305	2000	2004	2007	rVB3	913	1094	0.12%	0.013%
72	13.427	2022	2024	2031	rVB	1056	1398	0.15%	0.017%
73	13.518	2037	2039	2043	rVB2	174	201	0.02%	0.002%
74	13.591	2048	2051	2055	rBV2	734	1021	0.11%	0.012%
75	13.640	2055	2059	2062	rBV2	232	366	0.04%	0.004%
76	13.670	2062	2064	2066	rVV	259	199	0.02%	0.002%

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Instrument :
MSVOA_X
ClientSampleId :
YCHG6

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_X\Method\SFAMXLM120523WMA.M
Title : VOC Analysis

77	13.780	2079	2082	2086	rVB	478	662	0.07%	0.008%
78	13.945	2106	2109	2111	rBV2	192	256	0.03%	0.003%
79	14.006	2117	2119	2120	rBV	189	192	0.02%	0.002%
80	14.054	2126	2127	2130	rBV2	293	287	0.03%	0.003%
81	14.134	2137	2140	2143	rVB3	249	284	0.03%	0.003%
82	14.219	2151	2154	2155	rBV2	249	212	0.02%	0.003%
83	14.262	2159	2161	2162	rBV2	296	213	0.02%	0.003%
84	14.341	2172	2174	2176	rBV2	291	228	0.03%	0.003%
85	14.603	2214	2217	2221	rBV2	1940	2253	0.25%	0.027%
86	14.737	2236	2239	2241	rBV	330	312	0.03%	0.004%
87	14.756	2241	2242	2245	rVB2	252	260	0.03%	0.003%
88	14.798	2247	2249	2252	rVV2	428	371	0.04%	0.004%
89	14.932	2268	2271	2274	rBV3	293	515	0.06%	0.006%
90	15.134	2301	2304	2307	rBV3	302	432	0.05%	0.005%
91	15.237	2319	2321	2322	rBV	323	209	0.02%	0.002%
92	15.255	2322	2324	2327	rVB2	332	341	0.04%	0.004%
93	15.451	2352	2356	2358	rBV3	275	403	0.04%	0.005%
94	15.487	2361	2362	2365	rBV3	265	276	0.03%	0.003%
95	15.652	2388	2389	2395	rVB2	323	324	0.04%	0.004%
96	15.743	2403	2404	2406	rBV2	368	262	0.03%	0.003%
97	16.121	2464	2466	2467	rBV	517	279	0.03%	0.003%
98	16.200	2478	2479	2482	rVB	366	290	0.03%	0.003%
99	16.505	2527	2529	2531	rVB3	306	221	0.02%	0.003%
100	16.566	2536	2539	2540	rBV2	273	243	0.03%	0.003%

Sum of corrected areas: 8448903

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MSVOA_X
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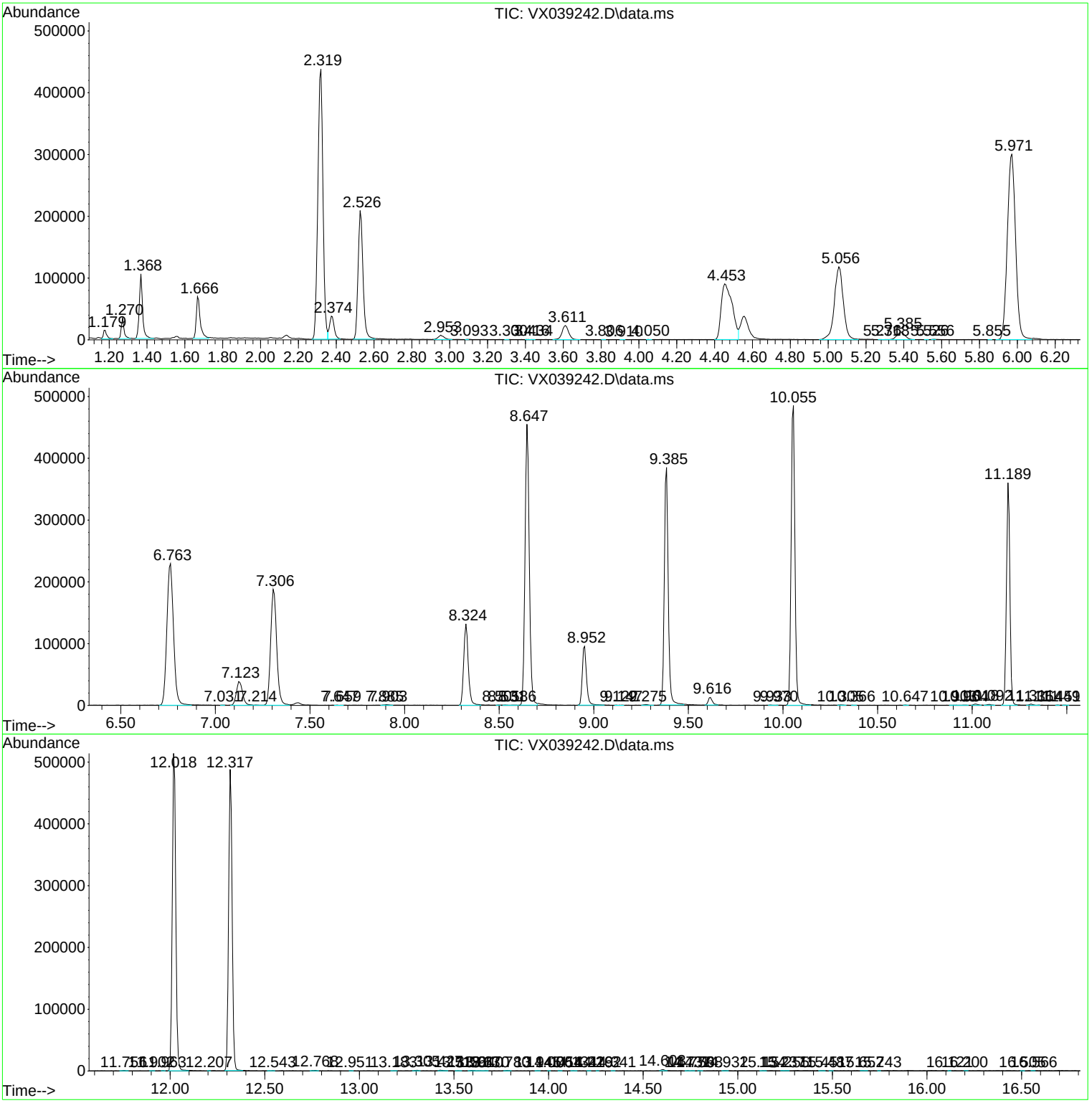
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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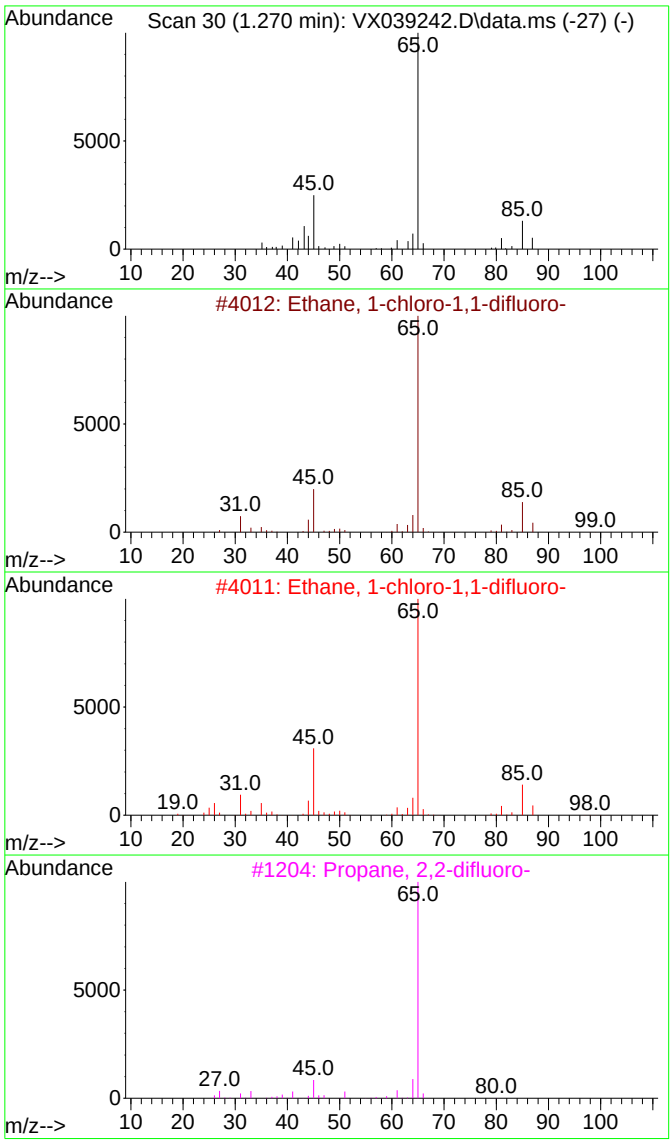
Quant Title : VOC Analysis

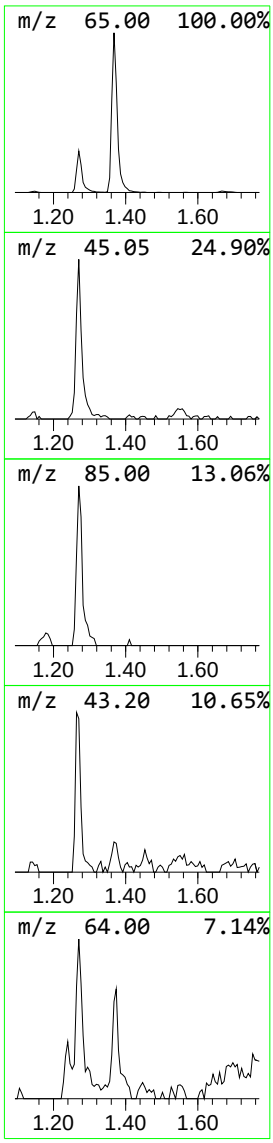
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethane, 1-chloro-1,1-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.270	3.08 ug/L	34141	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	90
2	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	83
3	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	43
4	2,2-Difluoropropionic acid	110	C3H4F2O2	000373-96-6	4
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4





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Instrument :
MSVOA_X
ClientSampleId :
YCHG6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis

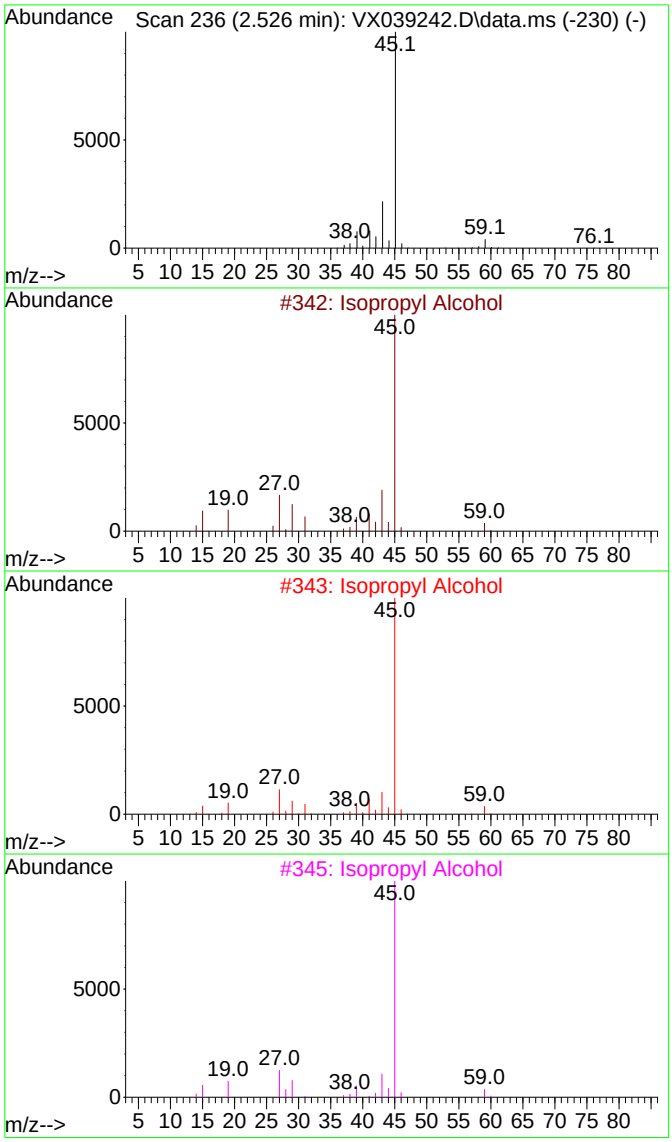
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

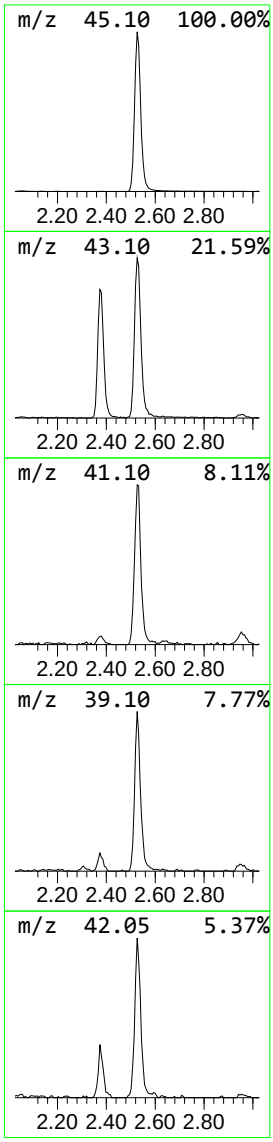
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.526	33.43 ug/L	370277	1,4-Difluorobenzene	6.763

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	64
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1-chlor...	1.270	3.1	ug/L	34141	1	6.763	553741	50.0
Isopropyl Alcohol	2.526	33.4	ug/L	370277	1	6.763	553741	50.0