LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039290.D
Acq On : 16 Dec 2023 15:07
Operator : JC/MD
Sample : 05845-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 61 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : YCHE3

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: VX039290.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.246	23	26	27	rBV	3332	3309	0.37%	0.039%
2	1.264	27	29	34	rVB2	4970	5555	0.62%	0.066%
3	1.368	42	46	56	rVB	111818	121753	13.62%	1.436%
4	1.666	91	95	104	rBV	71298	101202	11.32%	1.193%
5	2.306	194	200	208	rBV2	230129	429841	48.09%	5.069%
6	2.373	208	211	219	rVB	46763	76179	8.52%	0.898%
7	2.532	230	237	249	rBV	431728	770968	86.25%	9.092%
8	2.855	288	290	291	rBV	469	270	0.03%	0.003%
9	2.953	301	306	319	rVB	8531	19330	2.16%	0.228%
10	3.099	324	330	336	rVB6	1670	3575	0.40%	0.042%
11	3.239	351	353	356	rBV2	200	217	0.02%	0.003%
12	3.446	385	387	389	rVB2	264	218	0.02%	0.003%
13	3.483	392	393	397	rBV2	254	285	0.03%	0.003%
14	3.611	408	414	424	rVV2	5618	13161	1.47%	0.155%
15	3.684	424	426	429	rVB2	321	331	0.04%	0.004%
16	3.733	429	434	435	rBV	310	389	0.04%	0.005%
17	3.757	435	438	441	rBV2	189	245	0.03%	0.003%
18	3.861	451	455	458	rVB2	247	383	0.04%	0.005%
19	3.922	463	465	470	rBB2	207	228	0.03%	0.003%
20	4.172	503	506	507	rBV	261	229	0.03%	0.003%
21	4.245	516	518	522	rVV	188	240	0.03%	0.003%
22	4.458	544	553	555	rBV	98948	231098	25.85%	2.725%
23	5.056	633	651	671	rVV	116023	384928	43.06%	4.540%
24	5.221	677	678	683	rVB3	461	413	0.05%	0.005%
25	5.379	696	704	705	rBV2	3748	6501	0.73%	0.077%
26	5.653	747	749	752	rBV2	233	261	0.03%	0.003%
27	5.800	769	773	776	rBV	332	525	0.06%	0.006%
28	5.970	789	801	817	rBV2	297216	893856	100.00%	10.541%
29	6.342	859	862	864	rBV2	302	296	0.03%	0.003%
30	6.543	893	895	898	rVV2	256	271	0.03%	0.003%
31	6.763	922	931	946	rBV	219806	522186	58.42%	6.158%
32	7.123	981	990	1009	rBV	215020	460064	51.47%	5.426%
33	7.306	1012	1020	1036	rBV	179612	404697	45.28%	4.773%
34	7.434	1037	1041	1047	rVB6	4119	7287	0.82%	0.086%
35	7.635	1072	1074	1077	rVB2	319	305	0.03%	0.004%
36	7.732	1087	1090	1092	rBV2	182	225	0.03%	0.003%

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ClientSampleId :
YCHE3

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

37	7.897	1112	1117	1124	rVB4	705	1554	0.17%	0.018%
38	7.964	1126	1128	1134	rVB2	381	557	0.06%	0.007%
39	8.220	1168	1170	1174	rVB2	206	229	0.03%	0.003%
40	8.324	1181	1187	1201	rBV2	127289	211107	23.62%	2.490%
41	8.647	1234	1240	1260	rBV	449764	718241	80.35%	8.470%
42	8.952	1284	1290	1301	rBV	91199	137552	15.39%	1.622%
43	9.275	1336	1343	1351	rBV3	10514	15443	1.73%	0.182%
44	9.384	1355	1361	1370	rBV	392089	563827	63.08%	6.649%
45	10.055	1465	1471	1485	rBV	452263	643670	72.01%	7.591%
46	10.195	1491	1494	1498	rVB2	408	625	0.07%	0.007%
47	10.311	1508	1513	1515	rBV4	946	1384	0.15%	0.016%
48	10.390	1523	1526	1528	rVV	272	304	0.03%	0.004%
49	10.573	1554	1556	1559	rVB2	238	251	0.03%	0.003%
50	10.610	1559	1562	1565	rBV2	292	297	0.03%	0.004%
51	10.640	1565	1567	1569	rBV2	470	428	0.05%	0.005%
52	10.963	1618	1620	1623	rVV2	564	573	0.06%	0.007%
53	11.018	1625	1629	1637	rVV4	2537	3990	0.45%	0.047%
54	11.091	1637	1641	1647	rVB3	947	1434	0.16%	0.017%
55	11.189	1652	1657	1667	rBV	350007	439815	49.20%	5.187%
56	11.311	1674	1677	1684	rVB2	1579	2188	0.24%	0.026%
57	11.457	1697	1701	1705	rVB3	439	637	0.07%	0.008%
58	11.597	1718	1724	1726	rBV2	135	244	0.03%	0.003%
59	11.762	1747	1751	1753	rVV3	521	773	0.09%	0.009%
60	11.823	1756	1761	1765	rBV2	233	392	0.04%	0.005%
61	11.884	1768	1771	1774	rVB2	273	237	0.03%	0.003%
62	11.969	1783	1785	1788	rBV3	754	683	0.08%	0.008%
63	12.018	1788	1793	1805	rBV	488188	645991	72.27%	7.618%
64	12.103	1805	1807	1811	rVB3	448	383	0.04%	0.005%
65	12.189	1819	1821	1822	rVB	528	253	0.03%	0.003%
66	12.219	1822	1826	1834	rVB4	757	1528	0.17%	0.018%
67	12.317	1837	1842	1851	rBV	469064	610901	68.34%	7.204%
68	12.488	1867	1870	1872	rBV2	188	234	0.03%	0.003%
69	12.530	1874	1877	1879	rBV2	248	304	0.03%	0.004%
70	12.616	1890	1891	1894	rBV2	252	270	0.03%	0.003%
71	12.762	1912	1915	1921	rVB3	756	1078	0.12%	0.013%
72	12.811	1921	1923	1926	rBV2	213	256	0.03%	0.003%
73	12.890	1933	1936	1938	rBV2	198	256	0.03%	0.003%
74	12.939	1942	1944	1947	rBV2	201	215	0.02%	0.003%
75	13.298	2001	2003	2005	rBV	247	222	0.02%	0.003%
76	13.347	2007	2011	2012	rBV	347	277	0.03%	0.003%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Title : VOC Analysis

77	13.432	2021	2025	2030	rBV3	977	1705	0.19%	0.020%
78	13.591	2048	2051	2057	rVV2	741	907	0.10%	0.011%
79	13.780	2078	2082	2087	rBV3	391	722	0.08%	0.009%
80	13.865	2093	2096	2100	rBV2	245	319	0.04%	0.004%
81	13.957	2110	2111	2113	rBV	391	321	0.04%	0.004%
82	14.134	2136	2140	2143	rVB2	523	607	0.07%	0.007%
83	14.176	2143	2147	2150	rVB2	246	231	0.03%	0.003%
84	14.213	2150	2153	2154	rBV	160	228	0.03%	0.003%
85	14.524	2201	2204	2208	rBV2	268	344	0.04%	0.004%
86	14.579	2210	2213	2215	rBV2	182	215	0.02%	0.003%
87	14.743	2238	2240	2244	rVB2	235	274	0.03%	0.003%
88	14.822	2251	2253	2254	rBV	268	218	0.02%	0.003%
89	15.011	2280	2284	2287	rVB3	238	379	0.04%	0.004%
90	15.383	2343	2345	2347	rBV2	468	449	0.05%	0.005%
91	15.456	2353	2357	2360	rBV2	385	634	0.07%	0.007%
92	15.487	2360	2362	2365	rVB	275	293	0.03%	0.003%
93	15.688	2393	2395	2397	rBV	245	232	0.03%	0.003%
94	16.072	2456	2458	2460	rBV	227	220	0.02%	0.003%
95	16.212	2476	2481	2482	rBV3	329	509	0.06%	0.006%
96	16.231	2482	2484	2487	rBV	302	226	0.03%	0.003%
97	16.499	2526	2528	2531	rBV2	349	316	0.04%	0.004%
98	16.621	2545	2548	2550	rVB2	203	215	0.02%	0.003%
99	16.645	2550	2552	2553	rBV2	278	239	0.03%	0.003%
100	16.712	2561	2563	2566	rVB2	256	221	0.02%	0.003%

Sum of corrected areas: 8479448

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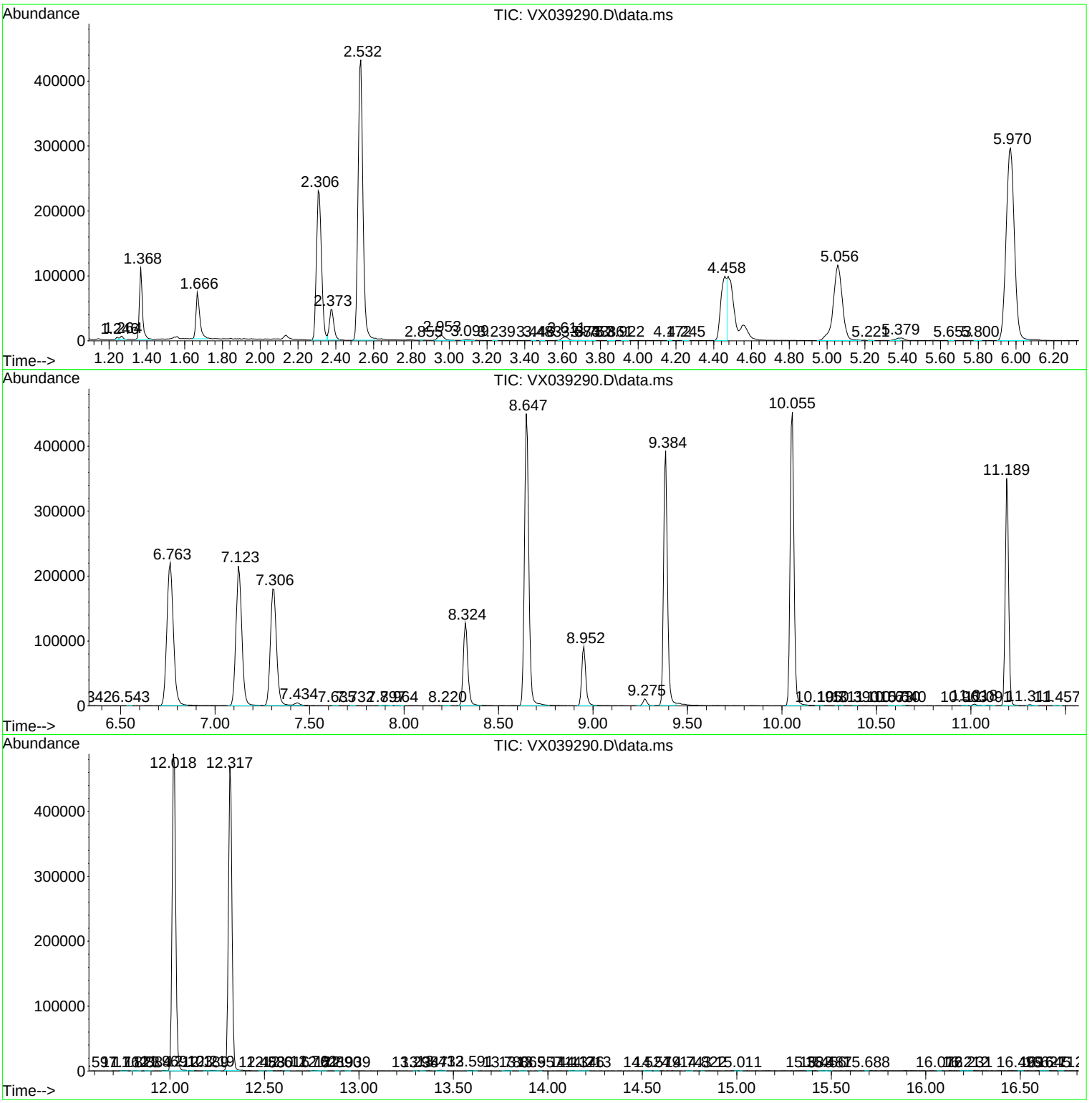
YCHE3

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

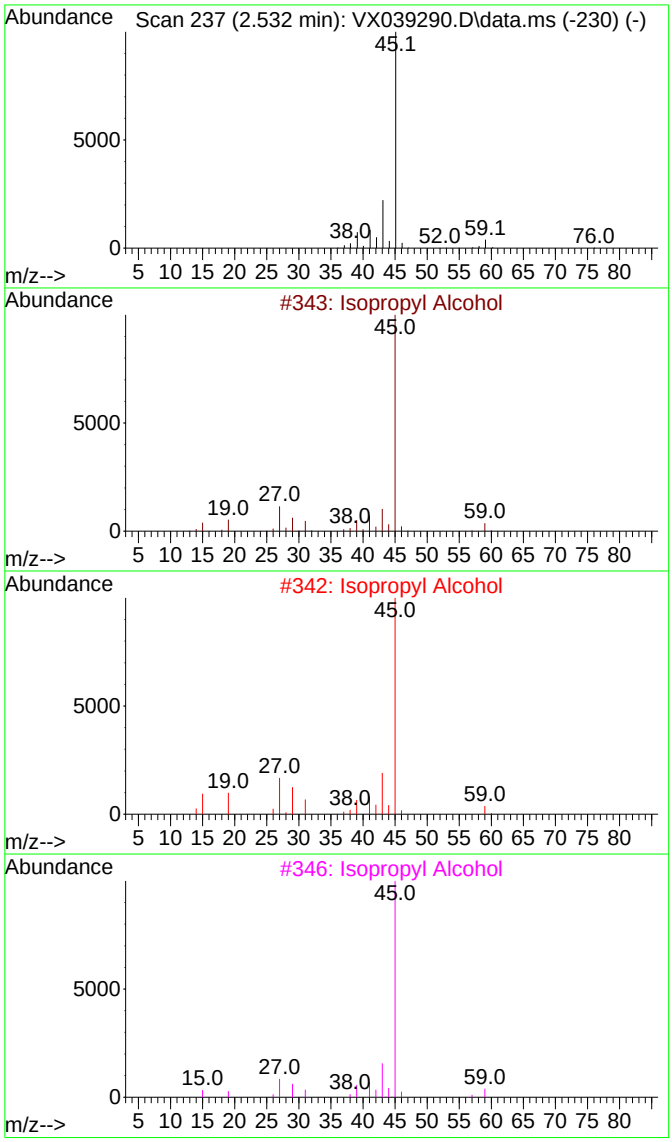
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

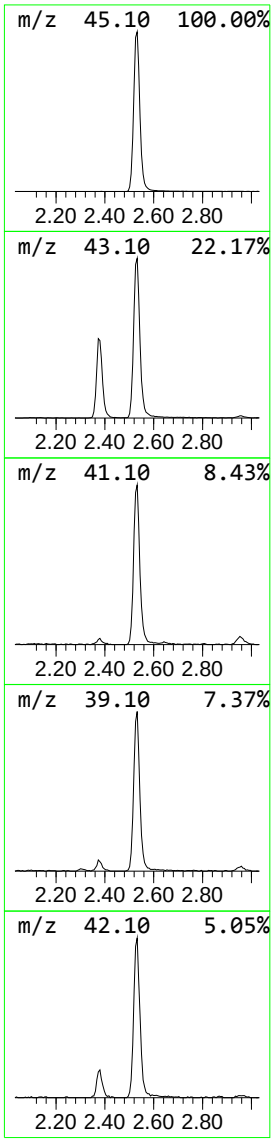
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.532	73.82 ug/L	770968	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	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.532	73.8	ug/L	770968	1	6.763	522186	50.0