LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071824\
Data File : VX042377.D
Acq On : 18 Jul 2024 18:10
Operator : JC/MD
Sample : P3215-15ME
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
A4D43ME

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\SFAMXLM070324WMA.M
Title : VOC Analysis

Signal : TIC: VX042377.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.258	22	28	40	rBV2	19030	31771	8.74%	1.065%
2	1.380	43	48	49	rBV	9373	14843	4.08%	0.497%
3	1.538	72	74	75	rBV2	1468	1050	0.29%	0.035%
4	2.276	189	195	210	rBV	45358	88038	24.22%	2.950%
5	2.721	262	268	274	rBV	15113	32692	8.99%	1.095%
6	3.087	325	328	331	rVB2	106	136	0.04%	0.005%
7	3.343	368	370	374	rVB2	221	199	0.05%	0.007%
8	3.416	380	382	387	rVB2	314	358	0.10%	0.012%
9	3.520	397	399	402	rBV2	108	140	0.04%	0.005%
10	3.599	405	412	415	rBV3	259	561	0.15%	0.019%
11	3.946	468	469	471	rBV2	150	126	0.03%	0.004%
12	4.501	551	560	581	rBV2	19385	75481	20.76%	2.529%
13	5.056	639	651	667	rBV	42181	133559	36.74%	4.475%
14	5.373	700	703	704	rBV2	229	219	0.06%	0.007%
15	5.550	724	732	739	rBV3	786	2148	0.59%	0.072%
16	5.964	789	800	816	rBV4	121470	346866	95.42%	11.623%
17	6.190	835	837	839	rBV	198	178	0.05%	0.006%
18	6.373	863	867	876	rBV5	1279	3469	0.95%	0.116%
19	6.757	919	930	946	rBV	130653	316434	87.05%	10.603%
20	7.025	971	974	977	rBV2	264	398	0.11%	0.013%
21	7.116	984	989	990	rBV3	785	1027	0.28%	0.034%
22	7.214	1001	1005	1013	rBV2	1780	3934	1.08%	0.132%
23	7.305	1013	1020	1037	rVB	67668	155950	42.90%	5.226%
24	7.580	1063	1065	1070	rBV2	167	239	0.07%	0.008%
25	7.964	1125	1128	1137	rVB4	778	1880	0.52%	0.063%
26	8.244	1173	1174	1176	rBV2	352	216	0.06%	0.007%
27	8.324	1182	1187	1200	rVV	35279	62671	17.24%	2.100%
28	8.525	1217	1220	1227	rBV2	151	320	0.09%	0.011%
29	8.647	1234	1240	1254	rBV	167251	271859	74.79%	9.109%
30	8.866	1274	1276	1277	rVB2	270	180	0.05%	0.006%
31	8.951	1285	1290	1302	rBV	25208	40782	11.22%	1.367%
32	9.073	1307	1310	1313	rVB2	211	304	0.08%	0.010%
33	9.116	1313	1317	1319	rBV2	411	448	0.12%	0.015%
34	9.281	1340	1344	1346	rBV	367	337	0.09%	0.011%
35	9.336	1351	1353	1357	rBV2	106	159	0.04%	0.005%
36	9.397	1357	1363	1376	rBV	78379	172597	47.48%	5.783%

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
A4D43ME

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\SFAMXLM070324WMA.M
Title : VOC Analysis

37	9.744	1418	1420	1421	rBV2	262	158	0.04%	0.005%
38	9.823	1432	1433	1436	rVB	239	150	0.04%	0.005%
39	9.909	1446	1447	1452	rBV	163	151	0.04%	0.005%
40	10.055	1465	1471	1485	rBV	264579	363513	100.00%	12.180%
41	10.201	1493	1495	1496	rVB	270	178	0.05%	0.006%
42	10.262	1502	1505	1508	rBV2	203	209	0.06%	0.007%
43	10.311	1509	1513	1518	rVV3	472	798	0.22%	0.027%
44	10.402	1524	1528	1530	rBV	159	145	0.04%	0.005%
45	10.726	1580	1581	1585	rVB	211	166	0.05%	0.006%
46	10.774	1585	1589	1592	rVB2	140	181	0.05%	0.006%
47	10.811	1593	1595	1597	rVB	220	154	0.04%	0.005%
48	10.835	1597	1599	1601	rBV	162	151	0.04%	0.005%
49	10.896	1607	1609	1610	rBV	224	138	0.04%	0.005%
50	10.969	1618	1621	1625	rBV3	1013	1109	0.31%	0.037%
51	11.061	1634	1636	1638	rBV2	152	159	0.04%	0.005%
52	11.097	1640	1642	1644	rBV	148	184	0.05%	0.006%
53	11.146	1649	1650	1652	rBV	188	163	0.04%	0.005%
54	11.195	1652	1658	1668	rBV	147988	195105	53.67%	6.538%
55	11.280	1670	1672	1675	rVB2	174	180	0.05%	0.006%
56	11.311	1675	1677	1683	rBB3	228	378	0.10%	0.013%
57	11.457	1699	1701	1702	rBV	185	145	0.04%	0.005%
58	11.475	1702	1704	1709	rBV3	669	793	0.22%	0.027%
59	11.640	1728	1731	1733	rVB2	221	262	0.07%	0.009%
60	11.707	1740	1742	1744	rVV3	242	246	0.07%	0.008%
61	11.744	1746	1748	1750	rVV	416	448	0.12%	0.015%
62	11.786	1752	1755	1757	rVV2	312	284	0.08%	0.010%
63	11.933	1777	1779	1782	rVB3	252	249	0.07%	0.008%
64	11.988	1784	1788	1789	rBV2	1056	1225	0.34%	0.041%
65	12.024	1789	1794	1806	rVB	280457	352786	97.05%	11.821%
66	12.219	1824	1826	1828	rBV2	266	315	0.09%	0.011%
67	12.237	1828	1829	1833	rVB	406	262	0.07%	0.009%
68	12.268	1833	1834	1837	rVB	167	136	0.04%	0.005%
69	12.323	1837	1843	1855	rBV	204131	272312	74.91%	9.125%
70	12.542	1875	1879	1882	rBV3	290	394	0.11%	0.013%
71	12.603	1882	1889	1891	rBV4	354	760	0.21%	0.025%
72	12.774	1912	1917	1918	rVB3	273	424	0.12%	0.014%
73	12.841	1926	1928	1929	rBV	168	134	0.04%	0.004%
74	12.872	1929	1933	1939	rVV	3599	4980	1.37%	0.167%
75	13.097	1967	1970	1972	rBV2	172	191	0.05%	0.006%
76	13.164	1977	1981	1982	rBV2	159	189	0.05%	0.006%

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Instrument :
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ClientSampleId :
A4D43ME

Integration Parameters: LSCINT.P
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Smoothing : OFF Filtering: 5
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Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Title : VOC Analysis

77	13.274	1995	1999	2001	rVV2	452	552	0.15%	0.018%
78	13.402	2016	2020	2025	rBV2	3991	5108	1.41%	0.171%
79	13.548	2042	2044	2046	rBV	200	143	0.04%	0.005%
80	13.688	2061	2067	2074	rVV3	976	2045	0.56%	0.069%
81	13.762	2077	2079	2080	rVV	309	264	0.07%	0.009%
82	13.780	2080	2082	2087	rVV	1157	1551	0.43%	0.052%
83	13.823	2087	2089	2091	rVV2	185	184	0.05%	0.006%
84	13.841	2091	2092	2097	rVV3	313	445	0.12%	0.015%
85	13.884	2097	2099	2102	rVV2	167	163	0.04%	0.005%
86	13.914	2102	2104	2106	rVV	169	193	0.05%	0.006%
87	13.932	2106	2107	2110	rVB	256	181	0.05%	0.006%
88	14.042	2119	2125	2129	rBV3	543	767	0.21%	0.026%
89	14.079	2129	2131	2133	rBV	206	216	0.06%	0.007%
90	14.127	2136	2139	2146	rVV3	555	910	0.25%	0.030%
91	14.182	2146	2148	2150	rBV3	245	154	0.04%	0.005%
92	14.262	2160	2161	2164	rVB2	263	168	0.05%	0.006%
93	14.365	2177	2178	2180	rBV	210	147	0.04%	0.005%
94	14.432	2185	2189	2192	rBV4	1122	1677	0.46%	0.056%
95	14.639	2221	2223	2228	rVB4	1308	1664	0.46%	0.056%
96	14.731	2237	2238	2239	rBV	324	135	0.04%	0.005%
97	14.932	2268	2271	2275	rVB3	787	976	0.27%	0.033%
98	15.694	2394	2396	2397	rBV2	662	518	0.14%	0.017%
99	15.859	2419	2423	2430	rBV6	2364	4275	1.18%	0.143%
100	16.560	2537	2538	2539	rBV	987	486	0.13%	0.016%

Sum of corrected areas: 2984396

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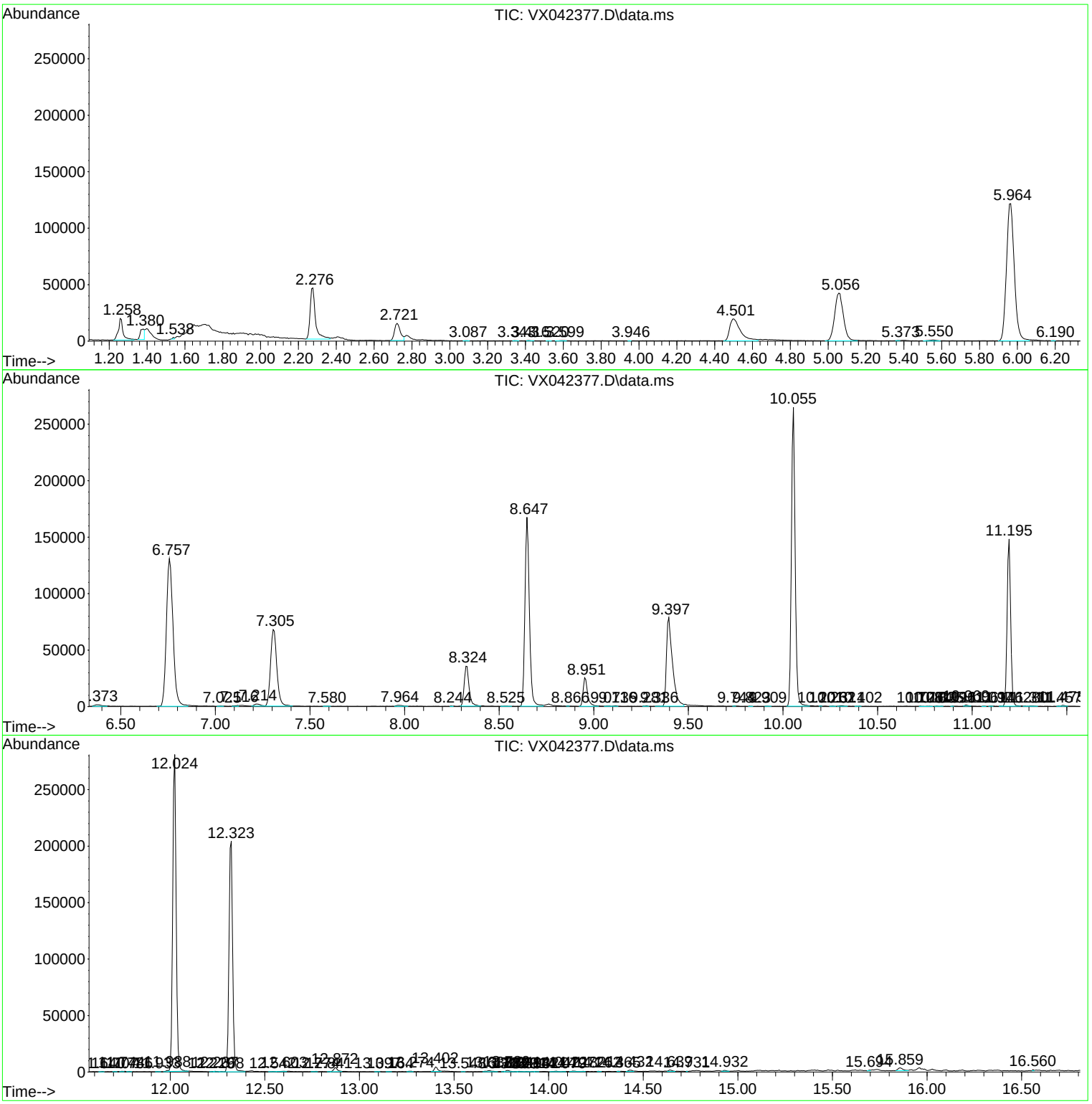
Instrument :
MSVOA_X
ClientSampleId :
A4D43ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

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



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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
A4D43ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

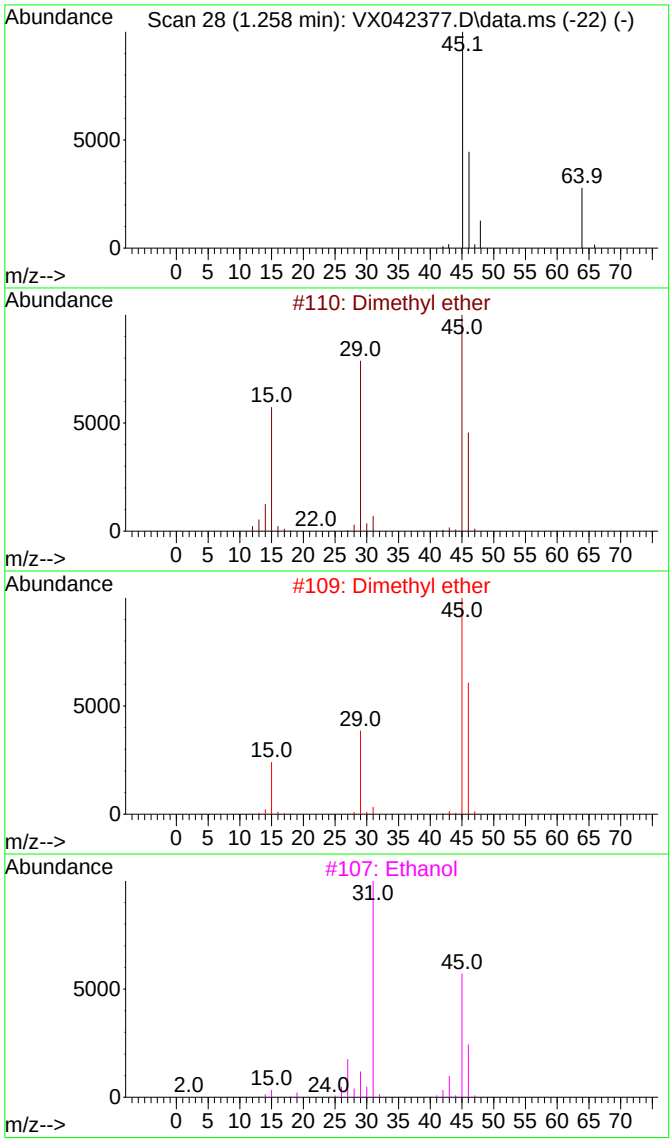
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

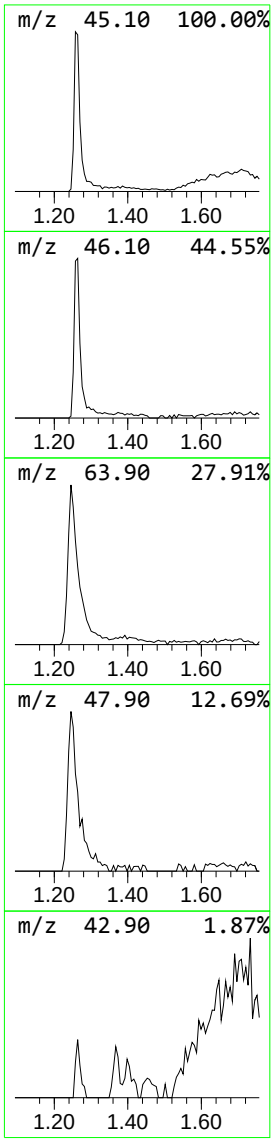
****

Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.258	5.02 ug/L	31771	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	50
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Ethanol	46	C2H6O	000064-17-5	7
4	Ethanol	46	C2H6O	000064-17-5	7
5	Ethanol	46	C2H6O	000064-17-5	7





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.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
Dimethyl ether	1.258	5.0	ug/L	31771	1	6.757	316434	50.0