LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031119.D
Acq On : 12 Apr 2019 10:55
Operator : JC/SP
Sample : K2341-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 111 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB728

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\SOMULM040519WMA.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	23	28	35	rVB2	23480	22107	1.10%	0.134%
2	1.395	87	95	108	rBV	354358	371947	18.53%	2.255%
3	1.678	174	183	197	rVB	249165	322473	16.06%	1.955%
4	2.267	355	366	377	rBV	486994	741795	36.95%	4.497%
5	2.392	402	405	407	rVB2	1394	810	0.04%	0.005%
6	2.437	409	419	436	rBV	50358	92408	4.60%	0.560%
7	2.556	452	456	457	rBV2	921	718	0.04%	0.004%
8	2.611	471	473	480	rVB5	703	526	0.03%	0.003%
9	2.688	493	497	502	rBV7	1027	1061	0.05%	0.006%
10	2.717	503	506	512	rVB2	1181	985	0.05%	0.006%
11	2.836	528	543	553	rBV3	10427	23813	1.19%	0.144%
12	2.894	557	561	569	rBV4	974	1243	0.06%	0.008%
13	3.042	601	607	611	rVB3	872	1120	0.06%	0.007%
14	3.093	616	623	627	rVB3	1037	1002	0.05%	0.006%
15	3.154	634	642	645	rBV4	981	1118	0.06%	0.007%
16	3.334	693	698	702	rVB3	639	644	0.03%	0.004%
17	3.363	702	707	709	rBV3	609	516	0.03%	0.003%
18	3.379	709	712	717	rBV3	455	527	0.03%	0.003%
19	3.472	738	741	748	rVB3	652	523	0.03%	0.003%
20	3.688	802	808	814	rVV2	1086	1571	0.08%	0.010%
21	3.804	840	844	848	rVB	709	655	0.03%	0.004%
22	3.839	851	855	859	rBV2	840	723	0.04%	0.004%
23	3.881	866	868	872	rVB2	875	529	0.03%	0.003%
24	3.987	896	901	905	rBV4	580	601	0.03%	0.004%
25	4.013	905	909	912	rBV3	816	603	0.03%	0.004%
26	4.173	946	959	992	rBV	183610	555043	27.65%	3.365%
27	4.521	1064	1067	1071	rBV3	749	557	0.03%	0.003%
28	4.640	1088	1104	1130	rBV	324994	808250	40.26%	4.900%
29	4.839	1163	1166	1168	rBV2	843	513	0.03%	0.003%
30	4.926	1191	1193	1196	rBV3	994	589	0.03%	0.004%
31	4.990	1209	1213	1215	rVB4	1122	688	0.03%	0.004%
32	5.074	1234	1239	1241	rBV3	577	512	0.03%	0.003%
33	5.334	1292	1320	1351	rBV2	673114	2007534	100.00%	12.171%
34	5.794	1458	1463	1469	rBV4	1447	1786	0.09%	0.011%

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ALS Vial : 111 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB728

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\SOMULM040519WMA.M
Title : VOC Analysis

35	5.881	1477	1490	1520	rBV	611997	1244061	61.97%	7.542%
36	6.324	1614	1628	1650	rBV	440654	897911	44.73%	5.444%
37	6.466	1670	1672	1678	rVB5	1691	1489	0.07%	0.009%
38	6.553	1693	1699	1700	rBV3	3520	3087	0.15%	0.019%
39	6.672	1730	1736	1742	rBV4	1096	1300	0.06%	0.008%
40	6.758	1753	1763	1776	rVV6	6125	12982	0.65%	0.079%
41	6.852	1790	1792	1796	rVB2	1339	732	0.04%	0.004%
42	6.884	1796	1802	1806	rBV4	1264	1542	0.08%	0.009%
43	7.154	1884	1886	1891	rVB2	746	516	0.03%	0.003%
44	7.183	1891	1895	1897	rBV2	855	722	0.04%	0.004%
45	7.225	1897	1908	1940	rBV	238047	449456	22.39%	2.725%
46	7.379	1953	1956	1961	rBV4	1260	968	0.05%	0.006%
47	7.488	1987	1990	1996	rBV4	1148	1606	0.08%	0.010%
48	7.562	2000	2013	2026	rBV	863061	1515573	75.49%	9.188%
49	7.636	2027	2036	2063	rVB	165900	327728	16.32%	1.987%
50	7.848	2092	2102	2126	rBV	161814	299422	14.91%	1.815%
51	8.012	2150	2153	2156	rVB4	1188	893	0.04%	0.005%
52	8.086	2173	2176	2178	rBV4	901	628	0.03%	0.004%
53	8.122	2184	2187	2191	rBV4	864	674	0.03%	0.004%
54	8.160	2195	2199	2200	rBV2	908	641	0.03%	0.004%
55	8.170	2200	2202	2207	rBV4	872	720	0.04%	0.004%
56	8.225	2207	2219	2233	rBV2	207500	355085	17.69%	2.153%
57	8.308	2235	2245	2277	rBV	524284	1060901	52.85%	6.432%
58	8.469	2287	2295	2311	rVB5	36542	68800	3.43%	0.417%
59	8.607	2335	2338	2341	rBV4	1137	998	0.05%	0.006%
60	8.720	2370	2373	2376	rVB3	982	732	0.04%	0.004%
61	8.938	2438	2441	2446	rVB3	1097	952	0.05%	0.006%
62	8.964	2446	2449	2452	rBV3	1212	907	0.05%	0.005%
63	9.086	2473	2487	2517	rBV	916669	1565320	77.97%	9.490%
64	9.453	2594	2601	2605	rBV6	1026	1288	0.06%	0.008%
65	9.565	2631	2636	2642	rBV3	1332	1150	0.06%	0.007%
66	9.668	2660	2668	2671	rBV4	1099	1260	0.06%	0.008%
67	9.745	2689	2692	2694	rBV2	1127	698	0.03%	0.004%
68	9.929	2747	2749	2753	rVB2	943	533	0.03%	0.003%
69	9.954	2753	2757	2766	rBV6	1185	1914	0.10%	0.012%
70	10.035	2772	2782	2783	rBV4	5212	5259	0.26%	0.032%
71	10.427	2888	2904	2927	rBV	581899	958405	47.74%	5.810%

LSC Area Percent Report

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Instrument : MSVOA_U
ClientSampleId : DB728

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\SOMULM040519WMA.M
Title : VOC Analysis

72	10.659	2971	2976	2981	rBV4	1034	1198	0.06%	0.007%
73	10.707	2987	2991	2994	rVB	1079	882	0.04%	0.005%
74	11.032	3089	3092	3096	rBV2	1108	896	0.04%	0.005%
75	11.109	3113	3116	3120	rBV2	889	682	0.03%	0.004%
76	11.295	3172	3174	3178	rVB3	1250	725	0.04%	0.004%
77	11.324	3178	3183	3184	rBV	756	550	0.03%	0.003%
78	11.376	3189	3199	3209	rBV6	12909	23830	1.19%	0.144%
79	11.479	3220	3231	3256	rBV	837036	1378194	68.65%	8.355%
80	11.855	3336	3348	3377	rBV	793342	1317002	65.60%	7.984%
81	12.170	3444	3446	3453	rVB4	1268	1195	0.06%	0.007%
82	12.225	3459	3463	3468	rBV6	1497	1515	0.08%	0.009%
83	12.459	3534	3536	3541	rVB2	1042	670	0.03%	0.004%
84	12.485	3541	3544	3549	rVB6	1022	942	0.05%	0.006%
85	12.520	3552	3555	3559	rBV3	702	508	0.03%	0.003%
86	12.572	3566	3571	3573	rBV3	945	906	0.05%	0.005%
87	12.594	3573	3578	3581	rVV4	1912	2049	0.10%	0.012%
88	12.620	3582	3586	3591	rVB7	2305	2437	0.12%	0.015%
89	12.948	3684	3688	3691	rBV	1468	1093	0.05%	0.007%
90	13.064	3721	3724	3725	rBV2	1022	656	0.03%	0.004%
91	13.093	3730	3733	3734	rBV2	1067	670	0.03%	0.004%
92	13.366	3815	3818	3821	rBV3	716	599	0.03%	0.004%
93	13.906	3982	3986	3987	rBV	863	625	0.03%	0.004%
94	14.009	4016	4018	4020	rBV2	965	585	0.03%	0.004%
95	14.096	4042	4045	4047	rBV2	910	523	0.03%	0.003%
96	14.144	4058	4060	4064	rBV2	715	607	0.03%	0.004%
97	14.485	4164	4166	4171	rVB2	1071	770	0.04%	0.005%
98	14.723	4237	4240	4241	rBV2	893	547	0.03%	0.003%
99	14.913	4297	4299	4303	rBV3	1098	701	0.03%	0.004%
100	15.858	4591	4593	4596	rVB4	1989	883	0.04%	0.005%

Sum of corrected areas: 16494783

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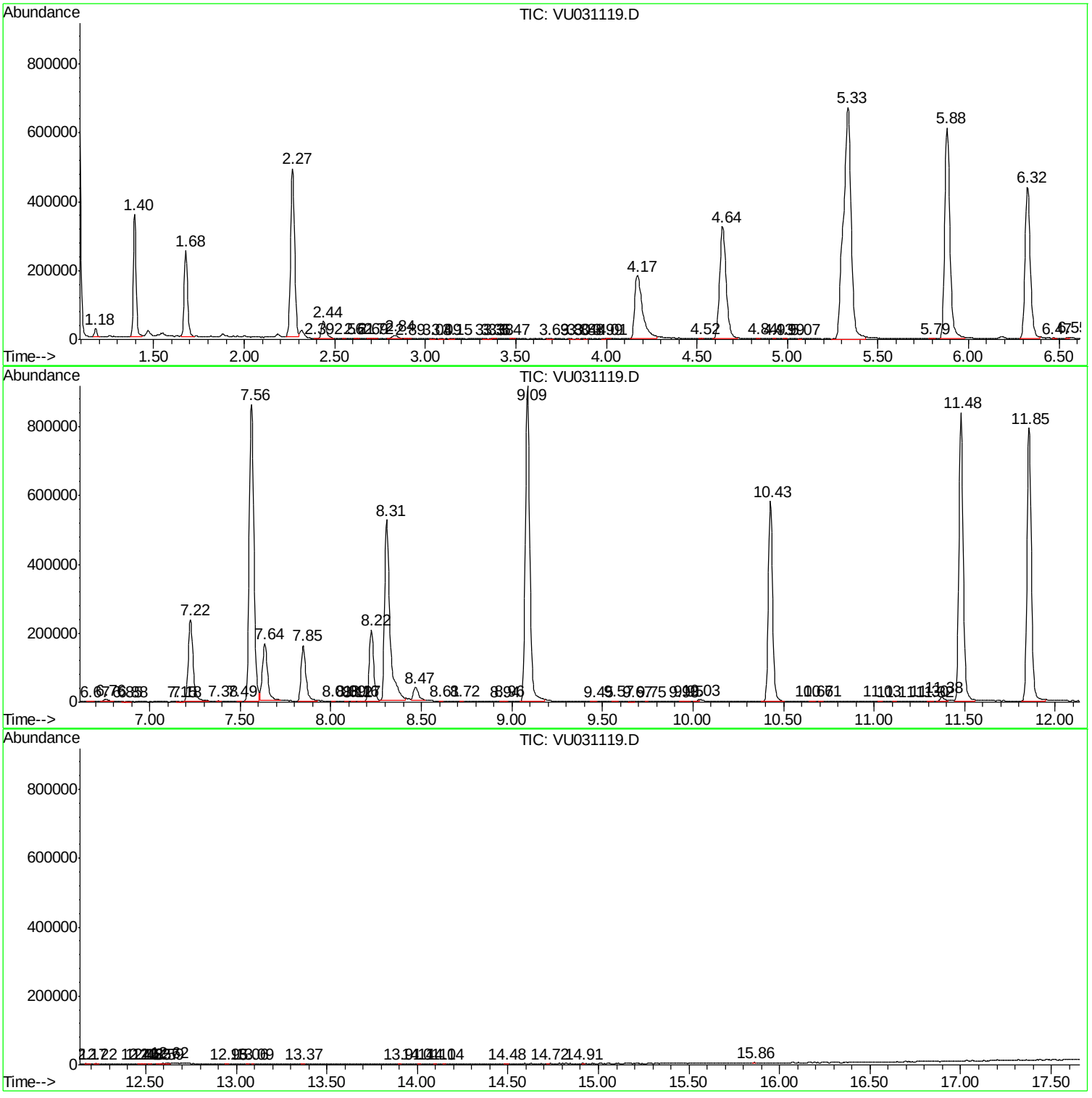
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031119.D
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ALS Vial : 111 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB728

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

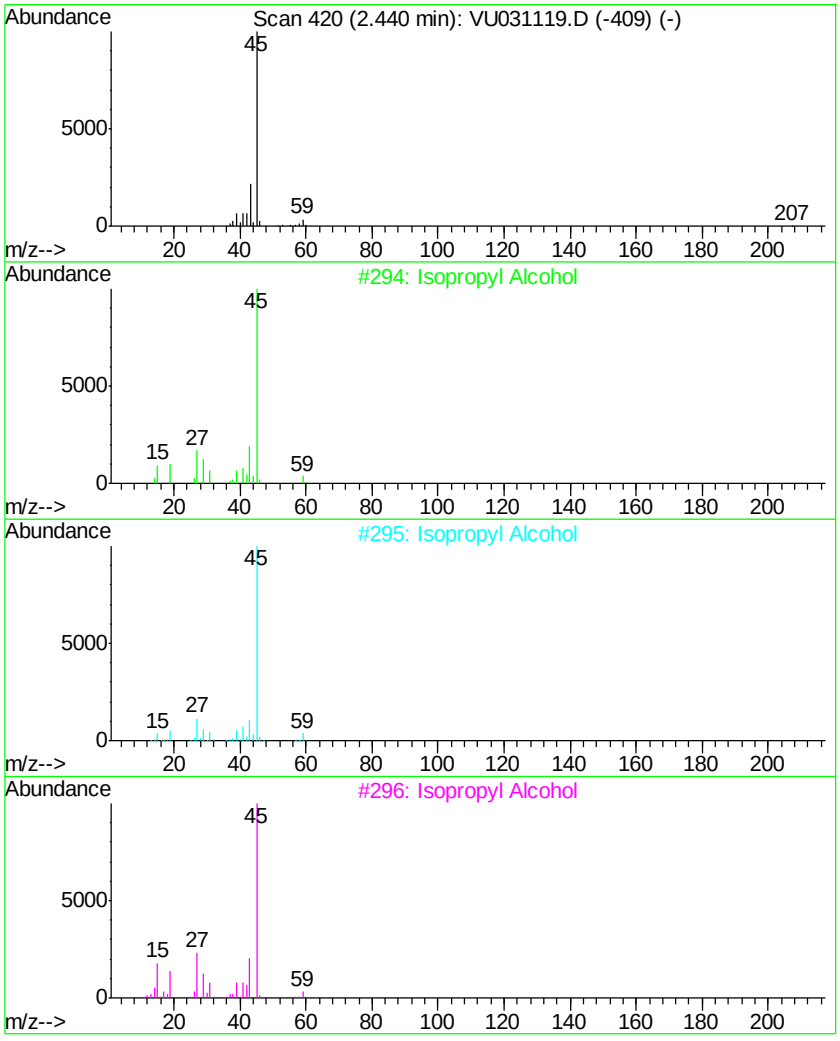
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

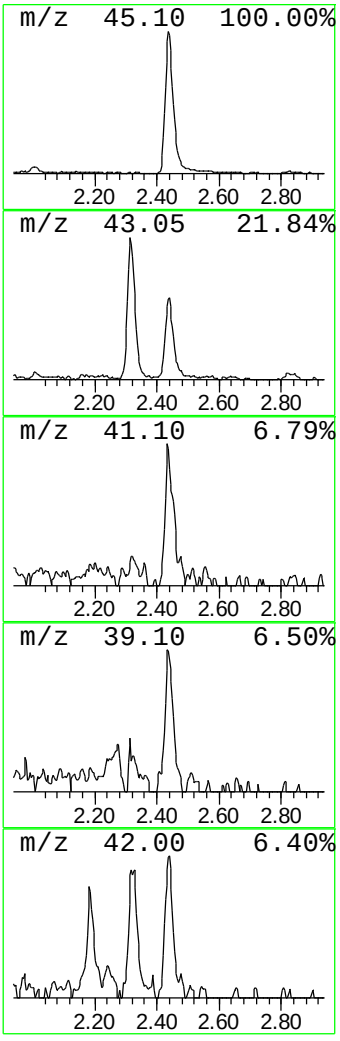
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	3.71 ug/L	92408	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	64
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Tentatively Identified Compound (LSC) summary

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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
Isopropyl Alcohol	2.44	3.7	ug/L	92408	1	5.88	1244060	50.0