LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111124\
Data File : VX043795.D
Acq On : 11 Nov 2024 16:27
Operator : JC/MD
Sample : P4786-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E27N0

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\SFAMXLM110424WMA.M
Title : VOC Analysis

Signal : TIC: VX043795.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.240	22	25	34	rBV	37389	42517	5.16%	0.650%
2	1.368	43	46	57	rBV	71912	95447	11.59%	1.460%
3	1.648	88	92	103	rVB	57339	90015	10.93%	1.377%
4	2.294	192	198	209	rBV	166887	262248	31.86%	4.011%
5	2.441	220	222	225	rBV3	652	759	0.09%	0.012%
6	2.770	274	276	278	rBV2	498	458	0.06%	0.007%
7	2.849	288	289	292	rVB2	335	236	0.03%	0.004%
8	2.947	299	305	312	rBV2	2383	5261	0.64%	0.080%
9	3.306	360	364	367	rVB2	389	543	0.07%	0.008%
10	3.349	367	371	373	rBV3	420	540	0.07%	0.008%
11	3.428	379	384	392	rBV5	3693	7709	0.94%	0.118%
12	3.538	400	402	405	rVB	533	501	0.06%	0.008%
13	3.581	405	409	410	rBV2	269	420	0.05%	0.006%
14	3.757	437	438	440	rBV	311	249	0.03%	0.004%
15	3.812	445	447	448	rBV2	213	208	0.03%	0.003%
16	3.849	452	453	455	rBV	653	553	0.07%	0.008%
17	3.892	458	460	461	rBV2	294	185	0.02%	0.003%
18	3.959	469	471	472	rBV	422	251	0.03%	0.004%
19	4.068	487	489	491	rBV	266	216	0.03%	0.003%
20	4.105	493	495	497	rBV	234	248	0.03%	0.004%
21	4.202	508	511	512	rVB2	370	383	0.05%	0.006%
22	4.288	522	525	526	rBV	390	297	0.04%	0.005%
23	4.349	533	535	536	rBV2	382	225	0.03%	0.003%
24	4.465	545	554	568	rBV	49130	154320	18.75%	2.360%
25	4.672	587	588	590	rBV	461	231	0.03%	0.004%
26	4.715	594	595	599	rVB2	661	530	0.06%	0.008%
27	4.818	610	612	617	rVB3	622	1005	0.12%	0.015%
28	4.861	617	619	621	rBV	423	294	0.04%	0.004%
29	5.056	639	651	666	rBV	105251	329889	40.07%	5.046%
30	5.464	717	718	719	rVB	600	219	0.03%	0.003%
31	5.483	719	721	725	rBV3	404	537	0.07%	0.008%
32	5.544	729	731	734	rVV3	375	560	0.07%	0.009%
33	5.592	738	739	740	rVB	547	200	0.02%	0.003%
34	5.647	746	748	750	rBV2	284	237	0.03%	0.004%
35	5.678	750	753	755	rVB2	330	309	0.04%	0.005%
36	5.769	766	768	770	rBV	587	494	0.06%	0.008%

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Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110424WMA.M
Title : VOC Analysis

37	5.964	787	800	815	rBV2	276492	823188	100.00%	12.591%
38	6.245	844	846	848	rBV	446	288	0.03%	0.004%
39	6.324	857	859	860	rBV	285	213	0.03%	0.003%
40	6.434	875	877	879	rVB2	407	297	0.04%	0.005%
41	6.458	879	881	884	rVB2	197	218	0.03%	0.003%
42	6.580	899	901	903	rBV2	310	228	0.03%	0.003%
43	6.757	921	930	946	rBV	250804	614040	74.59%	9.392%
44	7.043	976	977	979	rBV	398	320	0.04%	0.005%
45	7.123	984	990	998	rVV6	5520	14228	1.73%	0.218%
46	7.306	1011	1020	1037	rBV	162749	371790	45.16%	5.687%
47	7.421	1037	1039	1040	rVB	468	210	0.03%	0.003%
48	7.677	1078	1081	1083	rVB	485	608	0.07%	0.009%
49	7.958	1125	1127	1130	rVB	605	373	0.05%	0.006%
50	8.129	1154	1155	1157	rVB	419	295	0.04%	0.005%
51	8.153	1157	1159	1160	rBV	205	200	0.02%	0.003%
52	8.251	1173	1175	1178	rBV3	389	362	0.04%	0.006%
53	8.324	1181	1187	1205	rVV	103109	172653	20.97%	2.641%
54	8.519	1217	1219	1222	rBV2	601	373	0.05%	0.006%
55	8.647	1234	1240	1256	rBV	418244	669509	81.33%	10.240%
56	8.952	1284	1290	1305	rBV	70060	110621	13.44%	1.692%
57	9.202	1329	1331	1332	rBV	364	293	0.04%	0.004%
58	9.275	1338	1343	1352	rVB2	4775	7234	0.88%	0.111%
59	9.384	1356	1361	1378	rBV	233583	376389	45.72%	5.757%
60	9.817	1429	1432	1433	rBV2	341	398	0.05%	0.006%
61	10.055	1465	1471	1483	rBV	490876	725690	88.16%	11.100%
62	10.275	1505	1507	1508	rVB2	588	300	0.04%	0.005%
63	10.293	1508	1510	1513	rVB	521	610	0.07%	0.009%
64	10.323	1513	1515	1517	rBV2	316	358	0.04%	0.005%
65	10.372	1519	1523	1526	rBV2	458	562	0.07%	0.009%
66	10.403	1526	1528	1529	rBV2	296	173	0.02%	0.003%
67	10.604	1558	1561	1563	rBV2	304	342	0.04%	0.005%
68	10.640	1565	1567	1570	rVB	383	336	0.04%	0.005%
69	10.695	1574	1576	1579	rBV	327	377	0.05%	0.006%
70	10.762	1585	1587	1591	rBV	548	408	0.05%	0.006%
71	10.854	1600	1602	1603	rVB2	392	200	0.02%	0.003%
72	11.189	1652	1657	1670	rBV	313654	418158	50.80%	6.396%
73	11.311	1673	1677	1681	rVB2	4649	5321	0.65%	0.081%
74	11.555	1713	1717	1718	rBV	389	465	0.06%	0.007%
75	11.756	1748	1750	1754	rBV3	394	499	0.06%	0.008%
76	11.835	1761	1763	1765	rBV	347	358	0.04%	0.005%

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Integrator: RTE
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Title : VOC Analysis

77	11.914	1770	1776	1780	rBV2	486	907	0.11%	0.014%
78	11.969	1784	1785	1788	rBV	347	395	0.05%	0.006%
79	12.018	1788	1793	1806	rBV	482107	636218	77.29%	9.731%
80	12.317	1837	1842	1855	rBV	450928	574234	69.76%	8.783%
81	12.530	1876	1877	1880	rBV	329	203	0.02%	0.003%
82	12.603	1886	1889	1890	rBV2	302	217	0.03%	0.003%
83	12.762	1911	1915	1920	rVB3	1690	2174	0.26%	0.033%
84	12.859	1929	1931	1933	rBV	499	443	0.05%	0.007%
85	12.994	1951	1953	1954	rVB	316	185	0.02%	0.003%
86	13.018	1956	1957	1958	rVB	499	183	0.02%	0.003%
87	13.048	1960	1962	1967	rVB3	328	451	0.05%	0.007%
88	13.164	1979	1981	1985	rVB2	423	424	0.05%	0.006%
89	13.317	2005	2006	2008	rVB2	314	183	0.02%	0.003%
90	13.548	2043	2044	2047	rVB2	357	242	0.03%	0.004%
91	13.908	2102	2103	2106	rVB2	343	320	0.04%	0.005%
92	14.127	2137	2139	2143	rVB2	1072	1247	0.15%	0.019%
93	14.158	2143	2144	2145	rBV	442	203	0.02%	0.003%
94	14.384	2179	2181	2183	rBV	334	187	0.02%	0.003%
95	14.505	2200	2201	2204	rBV3	404	376	0.05%	0.006%
96	14.573	2208	2212	2215	rBV3	350	488	0.06%	0.007%
97	14.701	2231	2233	2238	rBV3	437	681	0.08%	0.010%
98	15.542	2369	2371	2372	rBV2	671	383	0.05%	0.006%
99	15.682	2393	2394	2395	rBV	488	247	0.03%	0.004%
100	15.798	2411	2413	2415	rBV2	668	494	0.06%	0.008%

Sum of corrected areas: 6537864

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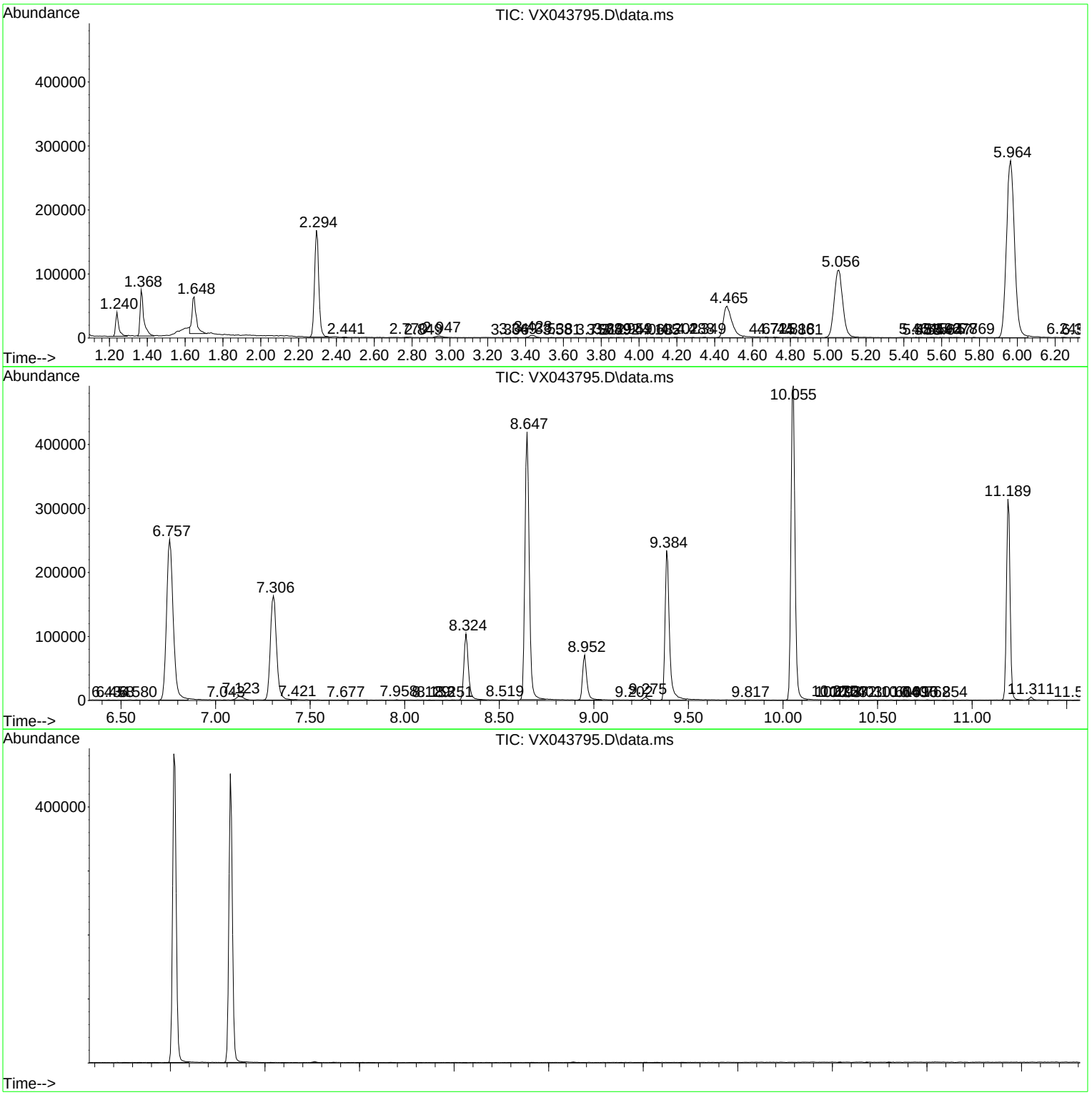
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110424WMA.M
Quant Title : VOC Analysis

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



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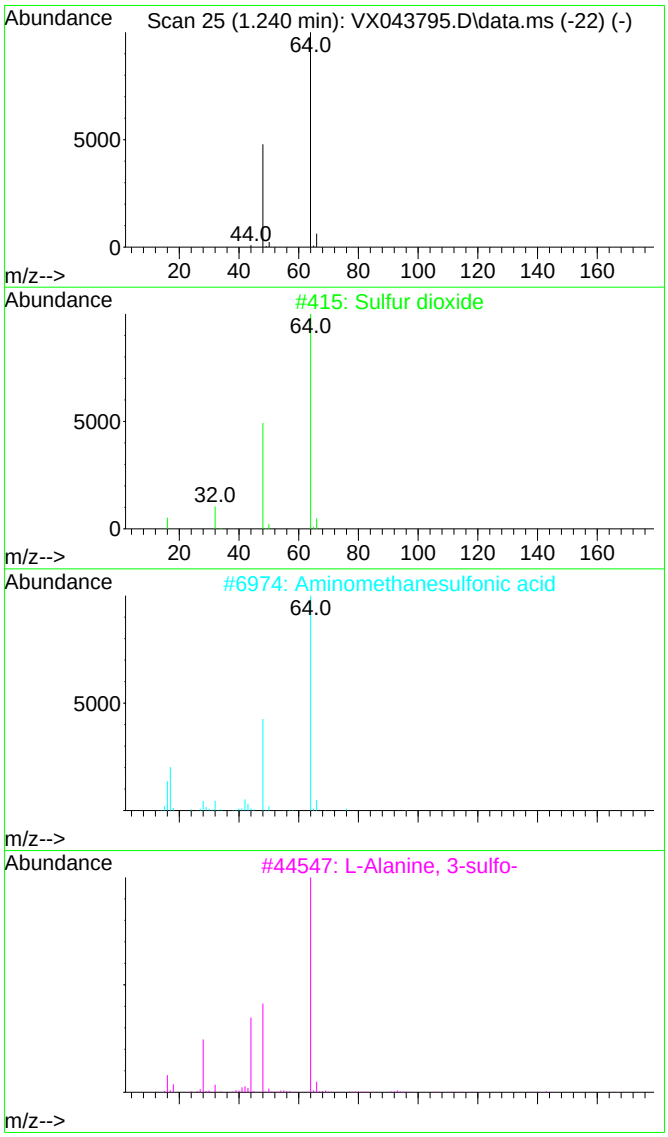
Quant Title : VOC Analysis

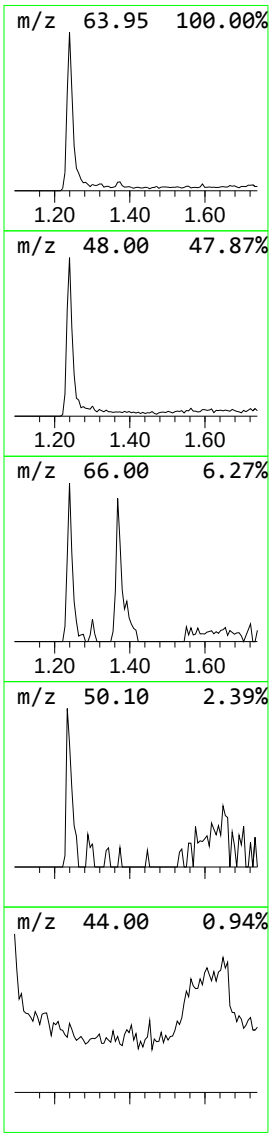
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.240	3.46 ug/L	42517	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Sulfur dioxide	64	O2S	007446-09-5	4





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
Sulfur dioxide	1.240	3.5	ug/L	42517	1	6.757	614040	50.0