LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022819\
Data File : VV009438.D
Acq On : 28 Feb 2019 21:40
Operator : SY/MD
Sample : K1599-17
Misc : 25ML/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : CWK04

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR022819WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.119	4	9	12	rBV3	2664	2807	1.02%	0.101%
2	1.145	12	17	27	rVB	10959	11195	4.07%	0.402%
3	1.258	33	52	55	rBV2	39607	104935	38.11%	3.765%
4	1.319	66	71	81	rVB	41618	44671	16.22%	1.603%
5	1.582	148	153	165	rVB	41762	54219	19.69%	1.946%
6	2.132	315	324	337	rVB	86994	120311	43.69%	4.317%
7	2.325	376	384	400	rVB	17504	31583	11.47%	1.133%
8	3.229	652	665	678	rVB3	6958	14178	5.15%	0.509%
9	3.955	878	891	911	rBV2	33056	88600	32.18%	3.179%
10	4.402	1013	1030	1046	rBV	48466	116417	42.28%	4.177%
11	5.097	1229	1246	1265	rBV2	115074	271387	98.55%	9.738%
12	5.666	1410	1423	1445	rBV	103572	207851	75.48%	7.458%
13	6.119	1552	1564	1587	rBV2	61727	128175	46.55%	4.599%
14	7.032	1837	1848	1866	rBV2	34683	63387	23.02%	2.275%
15	7.190	1890	1897	1909	rBV5	4159	7580	2.75%	0.272%
16	7.360	1937	1950	1963	rBV	144526	255530	92.80%	9.169%
17	7.431	1963	1972	1991	rVB	43354	80411	29.20%	2.885%
18	7.666	2036	2045	2058	rBV2	21279	35858	13.02%	1.287%
19	8.138	2180	2192	2228	rBV	126281	270564	98.26%	9.709%
20	8.897	2414	2428	2457	rBV	160031	275367	100.00%	9.881%
21	9.183	2507	2517	2527	rBV4	3668	5475	1.99%	0.196%
22	10.264	2840	2853	2869	rBV2	48495	79430	28.85%	2.850%
23	11.296	3163	3174	3196	rBV	156213	266397	96.74%	9.559%
24	11.592	3255	3266	3280	rBV4	6083	13931	5.06%	0.500%
25	11.672	3280	3291	3315	rVB	141022	236521	85.89%	8.487%

Sum of corrected areas: 2786780

LSC Report - Integrated Chromatogram

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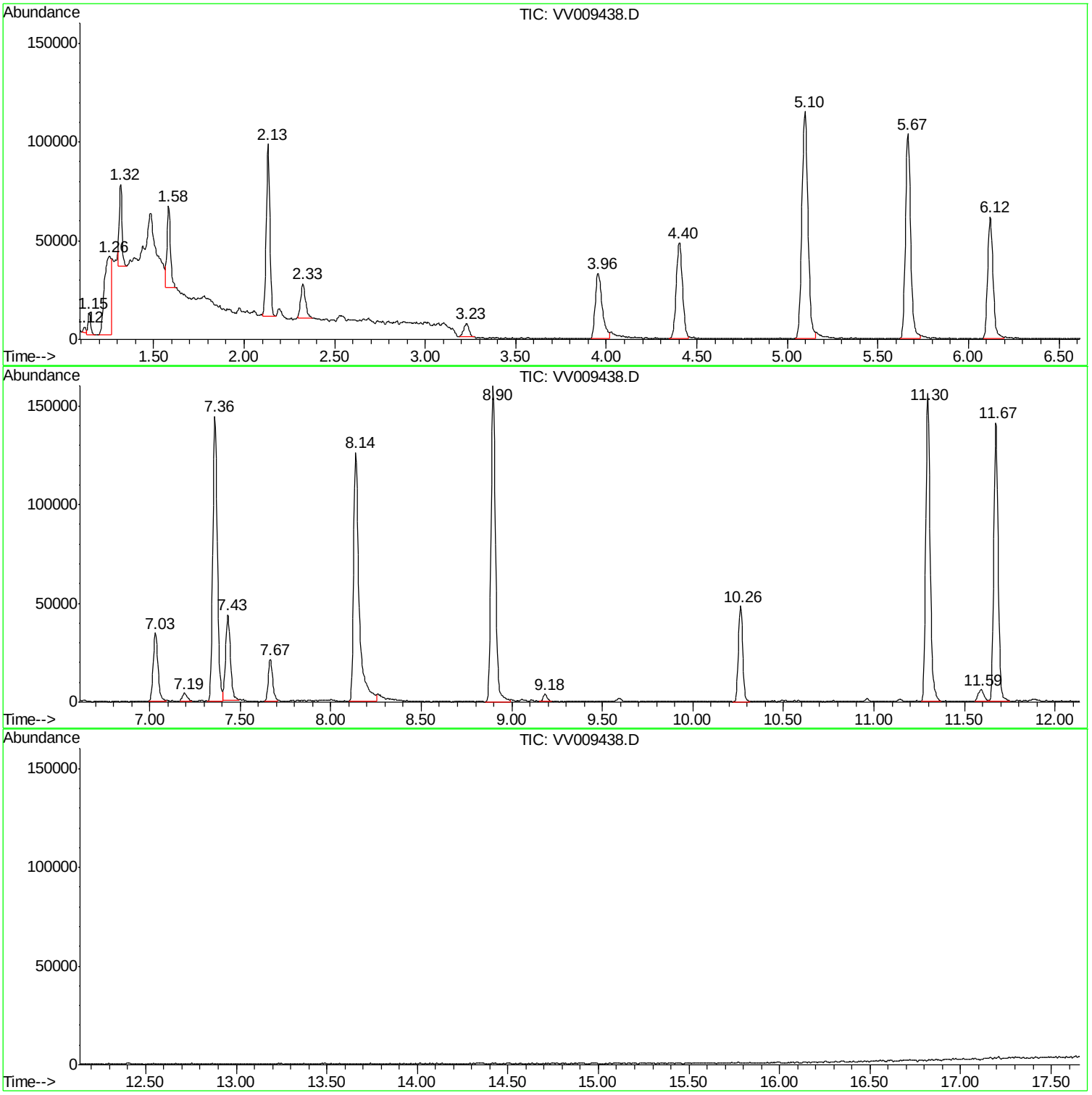
Instrument : MSVOA_V
ClientSampleId : CWK04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

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Data File : VV009438.D
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ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : CWK04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0

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

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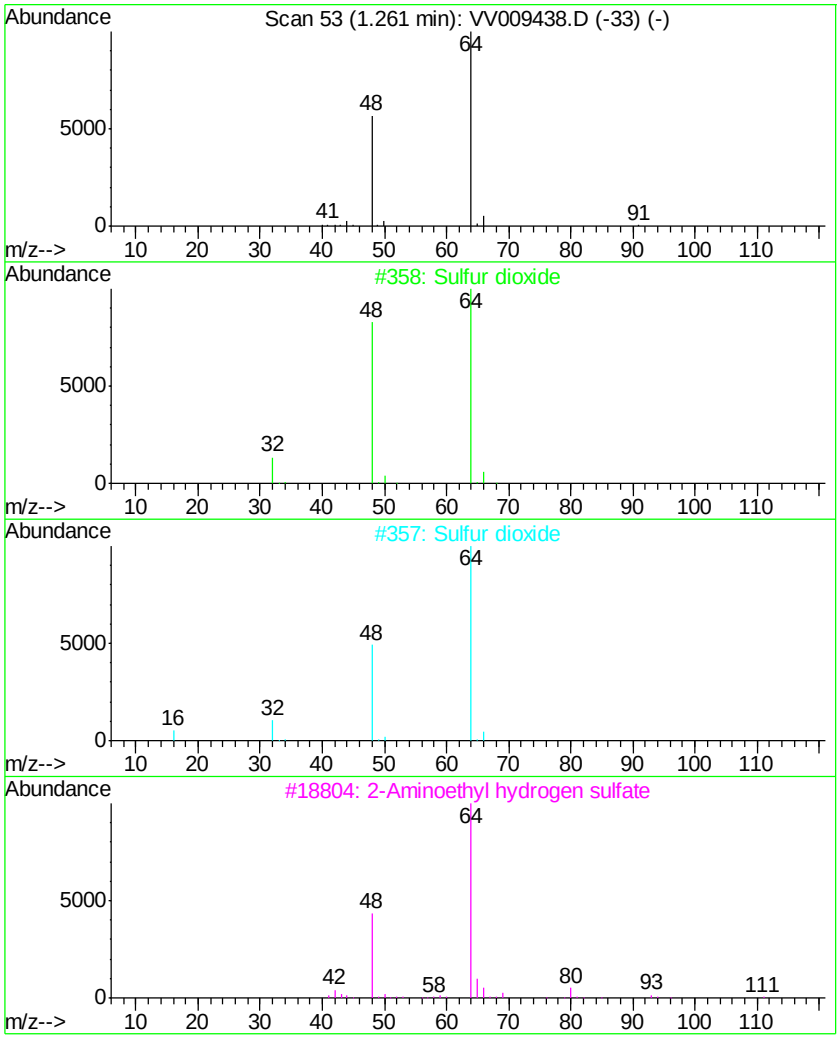
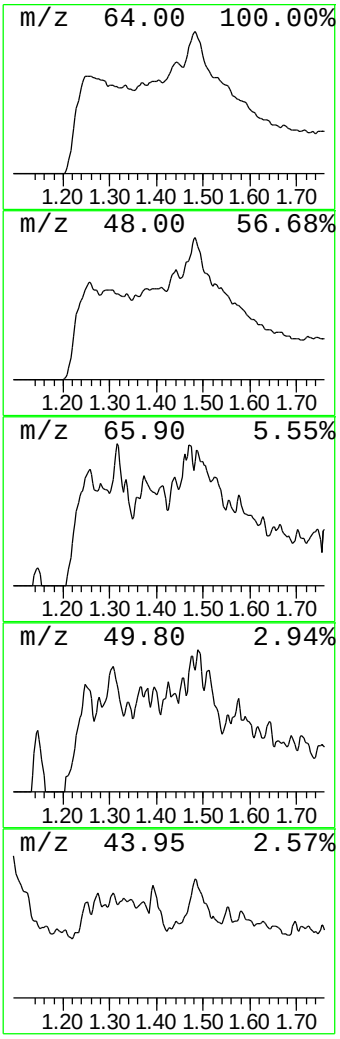
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.26	2.52 ug/L	104935	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	83
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64





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ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : CWK04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0

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

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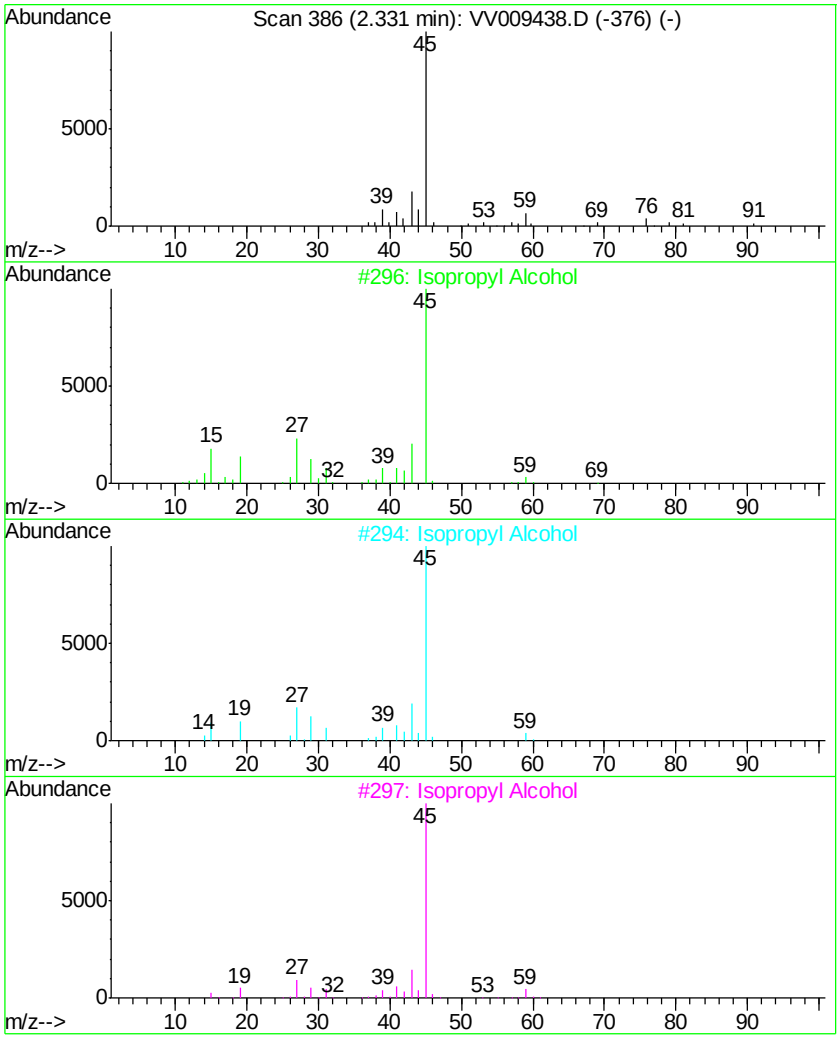
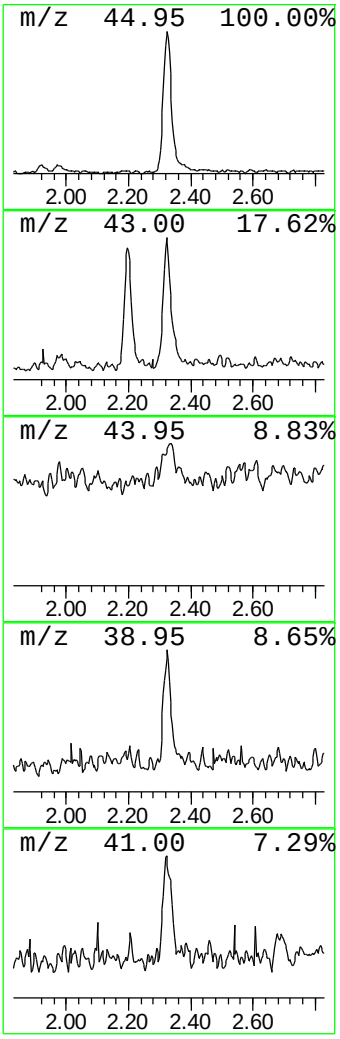
Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	0.76 ug/L	31583	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	80
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
5	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.26	2.5	ug/L	104935	1	5.67	207851	5.0
Isopropyl Alcohol	2.33	0.8	ug/L	31583	1	5.67	207851	5.0