LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
Data File : VV013796.D
Acq On : 26 Nov 2019 19:16
Operator : SY/MD
Sample : K6004-02DL 10X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : B0AE0DL

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\SOMVTR112219WMA.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	1.251	36	50	63	rBV2	72808	289498	25.88%	2.761%
2	1.315	64	70	85	rVB	154814	206000	18.41%	1.965%
3	1.579	146	152	160	rBV	124692	134056	11.98%	1.279%
4	2.126	313	322	336	rVB3	242759	376846	33.68%	3.595%
5	2.534	440	449	456	rBV5	7545	11946	1.07%	0.114%
6	2.769	515	522	529	rBV	9599	15783	1.41%	0.151%
7	3.958	878	892	923	rBV	186066	654019	58.46%	6.238%
8	4.396	1010	1028	1056	rVB	187951	494095	44.16%	4.713%
9	5.090	1228	1244	1272	rBV2	416598	1033224	92.35%	9.855%
10	5.659	1405	1421	1445	rBV	399153	796518	71.20%	7.598%
11	5.955	1500	1513	1540	rBV	486445	947691	84.71%	9.040%
12	6.113	1547	1562	1587	rVB	248948	510984	45.67%	4.874%
13	7.026	1835	1846	1863	rBV2	112216	205152	18.34%	1.957%
14	7.357	1936	1949	1967	rBV	447011	779041	69.63%	7.431%
15	7.662	2033	2044	2060	rBV	66967	121435	10.85%	1.158%
16	8.138	2179	2192	2226	rBV2	462773	1118775	100.00%	10.671%
17	8.891	2414	2426	2446	rBV	575865	947952	84.73%	9.042%
18	10.257	2840	2851	2868	rBV	197016	316420	28.28%	3.018%
19	11.289	3161	3172	3186	rBV	514031	806767	72.11%	7.695%
20	11.665	3277	3289	3306	rBV	446543	717576	64.14%	6.845%

Sum of corrected areas: 10483778

LSC Report - Integrated Chromatogram

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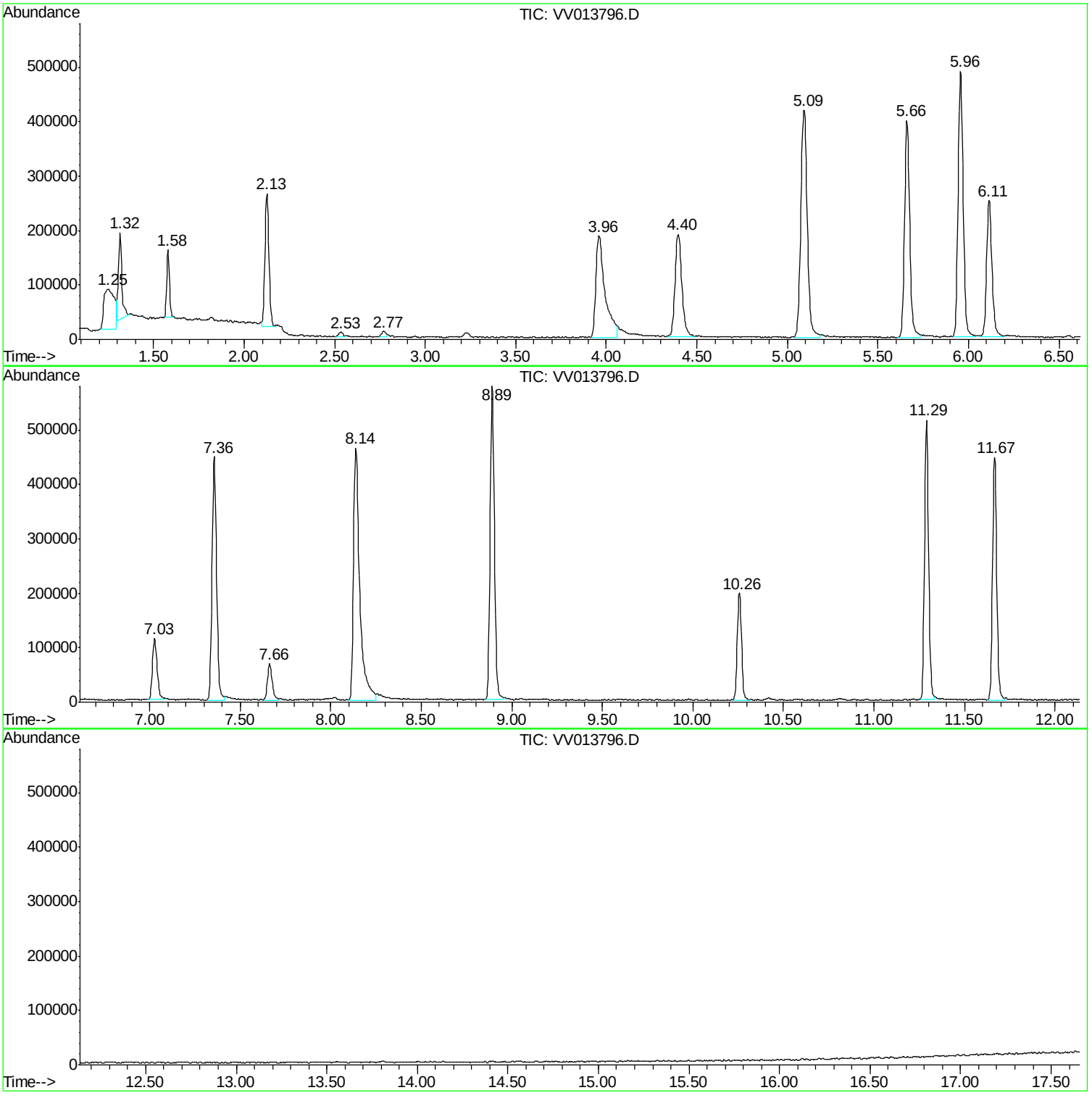
Instrument : MSVOA_V
ClientSampleId : B0AE0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Quant Title : TRACE VOA SOM01.0

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

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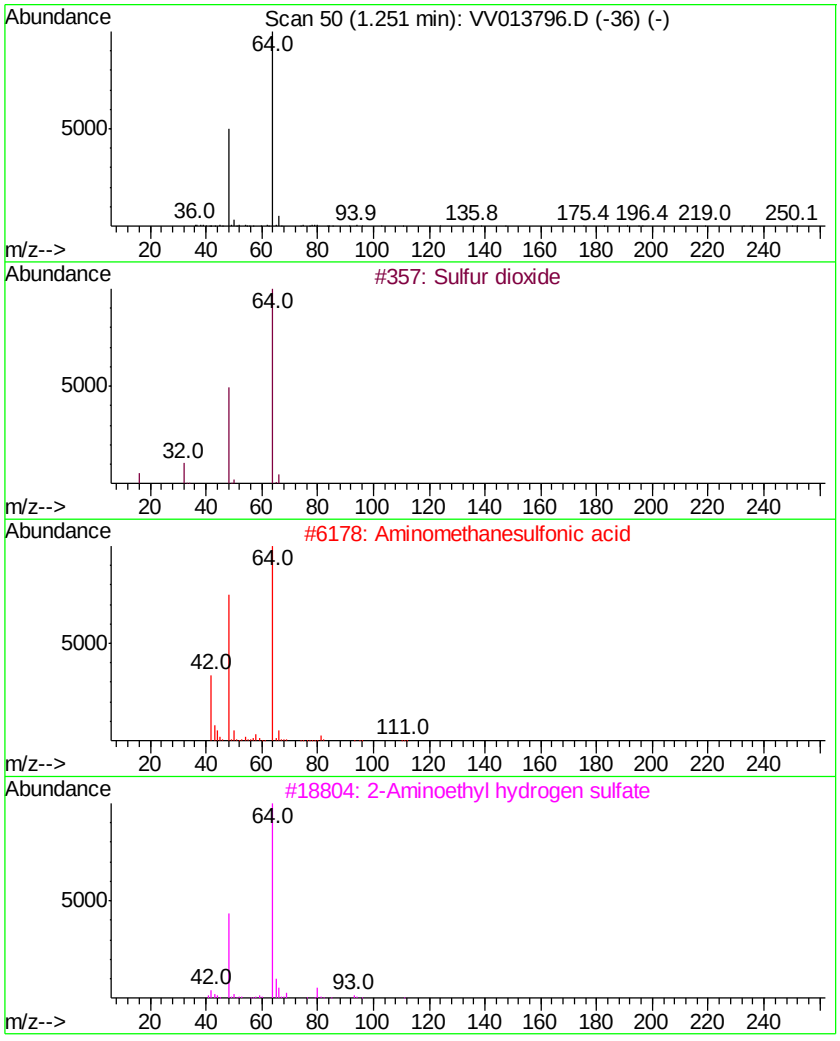
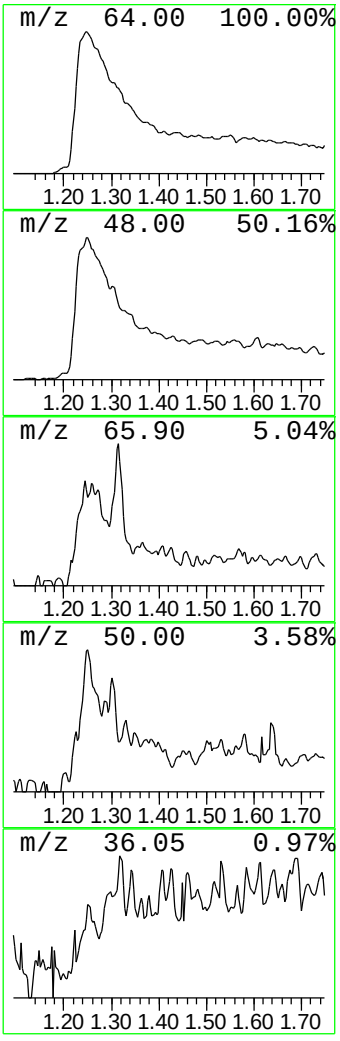
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.25	1.82 ug/L	289498	1,4-Difluorobenzene	5.66

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	83
3	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	74
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	64
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112619\
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Instrument : MSVOA_V
ClientSampleId : B0AE0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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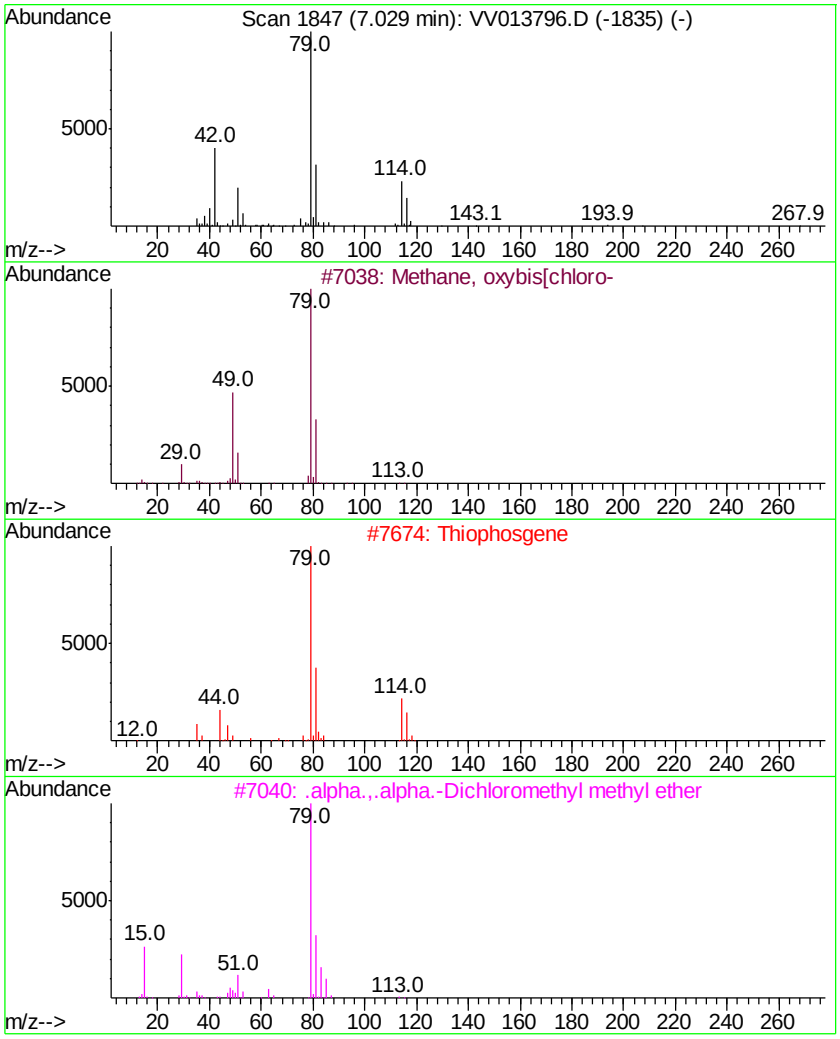
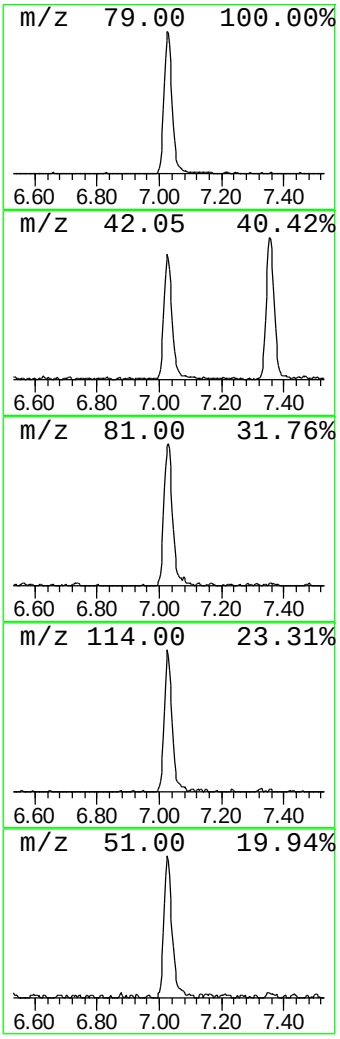
Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	1.29 ug/L	205152	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	47
2	Thiophosgene	114	CCl2S	000463-71-8	40
3	.alpha.,.alpha.-Dichloromethyl m...	114	C2H4Cl2O	004885-02-3	25
4	1,3-Cyclohexadiene	80	C6H8	000592-57-4	9
5	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	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	1.25	1.8	ug/L	289498	1	5.66	796518	5.0
unknown-01	7.03	1.3	ug/L	205152	1	5.66	796518	5.0