LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071818\
Data File : VV006632.D
Acq On : 18 Jul 2018 16:42
Operator : SY/MD
Sample : J3983-09
Misc : 25 mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB176

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\SOMVTR071718WMA.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	1.029	26	43	59	rBV	2862214	3576451	100.00%	24.577%
2	1.096	59	64	68	rVV	90325	71370	2.00%	0.490%
3	1.254	106	113	125	rBV	92113	252771	7.07%	1.737%
4	1.324	129	135	176	rVB2	798117	1208977	33.80%	8.308%
5	1.575	208	213	265	rVB2	118697	262533	7.34%	1.804%
6	2.131	377	386	398	rVB	238594	335932	9.39%	2.308%
7	3.964	937	956	994	rBV2	679565	1697302	47.46%	11.664%
8	4.408	1075	1094	1118	rBV	155079	365679	10.22%	2.513%
9	5.099	1289	1309	1338	rBV2	385759	885643	24.76%	6.086%
10	5.668	1472	1486	1513	rBV	304890	602094	16.83%	4.138%
11	6.125	1609	1628	1639	rBV	211297	422782	11.82%	2.905%
12	7.035	1898	1911	1925	rBV	100426	175010	4.89%	1.203%
13	7.308	1980	1996	2002	rBV2	25155	46416	1.30%	0.319%
14	7.363	2002	2013	2025	rVV	437710	753179	21.06%	5.176%
15	7.437	2025	2036	2048	rVB	315273	514622	14.39%	3.536%
16	7.668	2096	2108	2117	rBV	53571	99654	2.79%	0.685%
17	8.141	2242	2255	2279	rBV	460867	769342	21.51%	5.287%
18	8.337	2307	2316	2326	rVB2	22851	38132	1.07%	0.262%
19	8.900	2471	2491	2509	rBV	437280	717203	20.05%	4.929%
20	9.060	2530	2541	2553	rBV	63626	99022	2.77%	0.680%
21	10.269	2906	2917	2937	rVB	149638	236981	6.63%	1.629%
22	11.302	3225	3238	3258	rBV	431526	680754	19.03%	4.678%
23	11.678	3344	3355	3375	rVB	421596	671655	18.78%	4.616%
24	12.935	3737	3746	3762	rVB3	41673	68593	1.92%	0.471%

Sum of corrected areas: 14552097

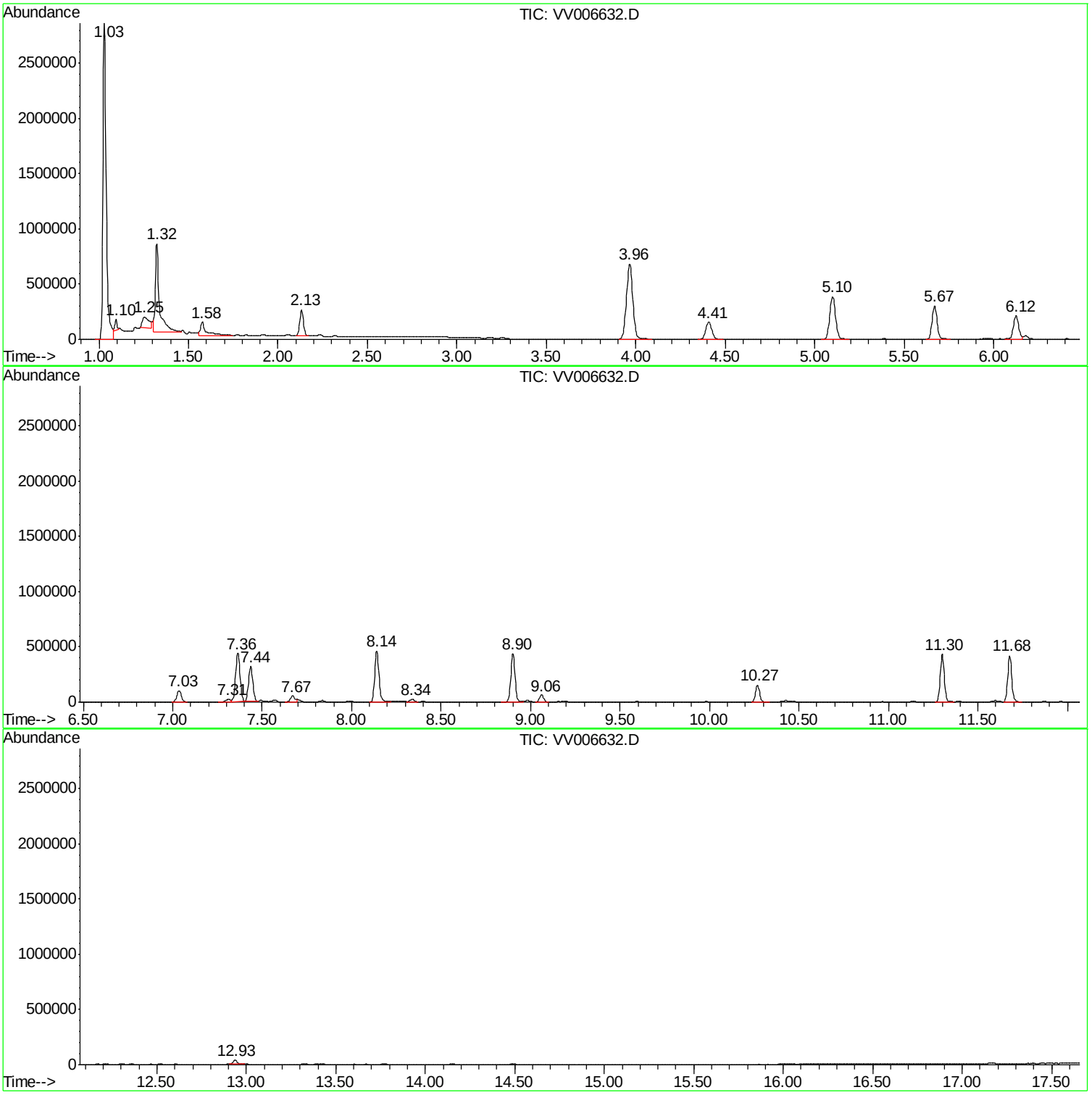
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
Data File : VV006632.D
Acq On : 18 Jul 2018 16:42
Operator : SY/MD
Sample : J3983-09
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB176

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
Data File : VV006632.D
Acq On : 18 Jul 2018 16:42
Operator : SY/MD
Sample : J3983-09
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB176

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
Quant Title : TRACE VOA SOM01.0

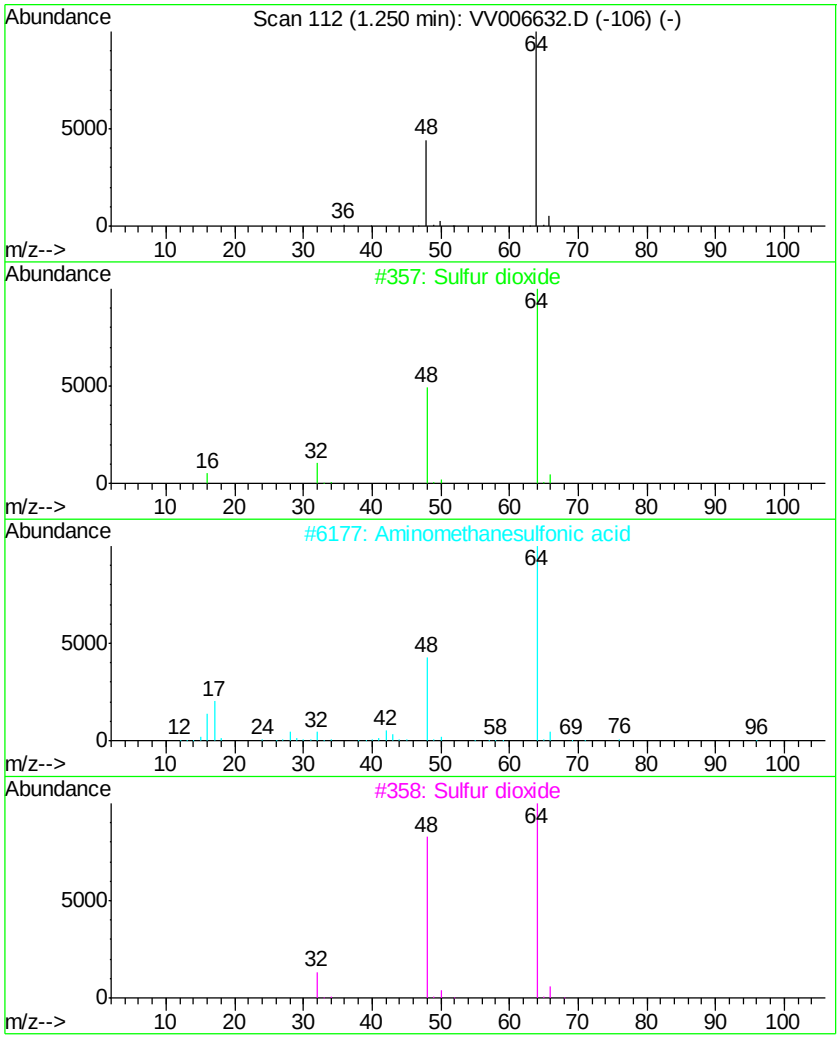
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

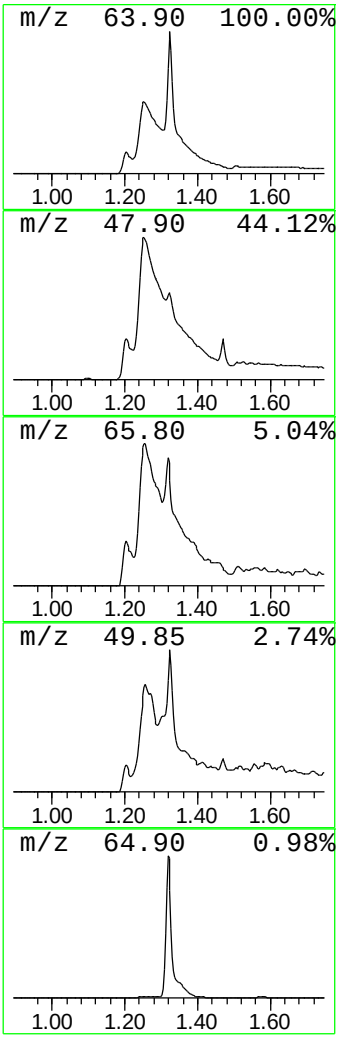
****

Peak Number 3 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.25	2.10 ug/L	252771	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	Sulfur dioxide	64	O2S	007446-09-5	9
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
Data File : VV006632.D
Acq On : 18 Jul 2018 16:42
Operator : SY/MD
Sample : J3983-09
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB176

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
Quant Title : TRACE VOA SOM01.0

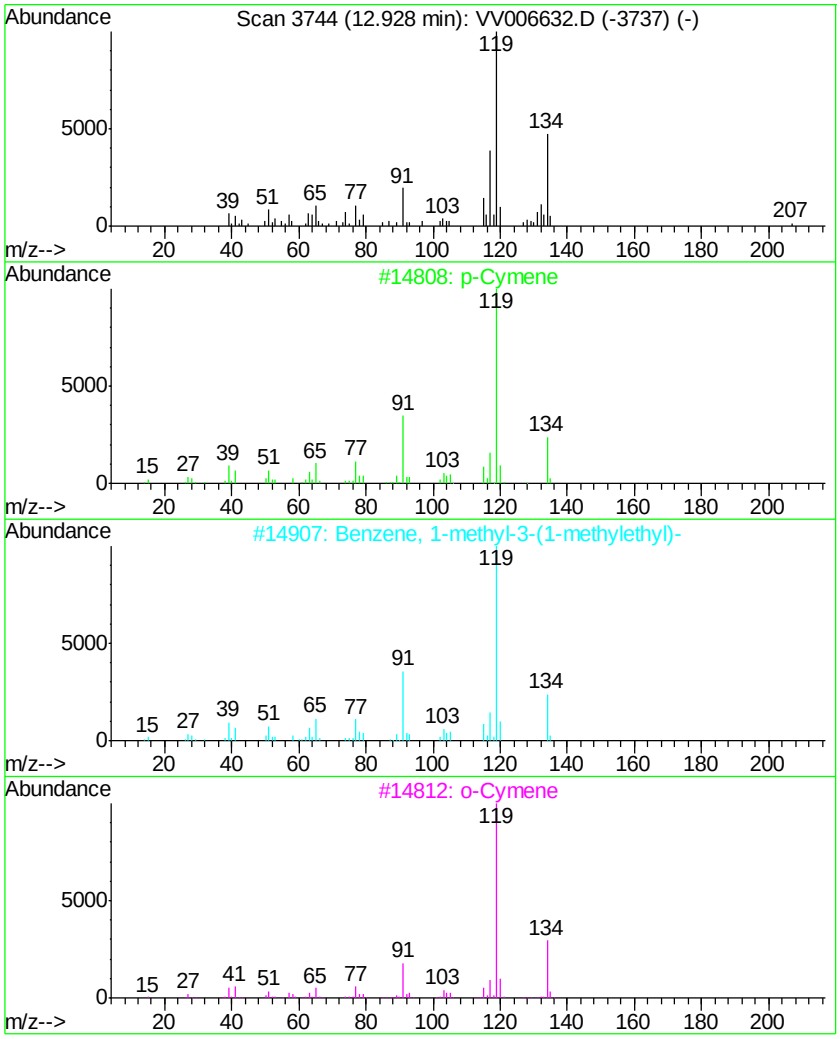
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

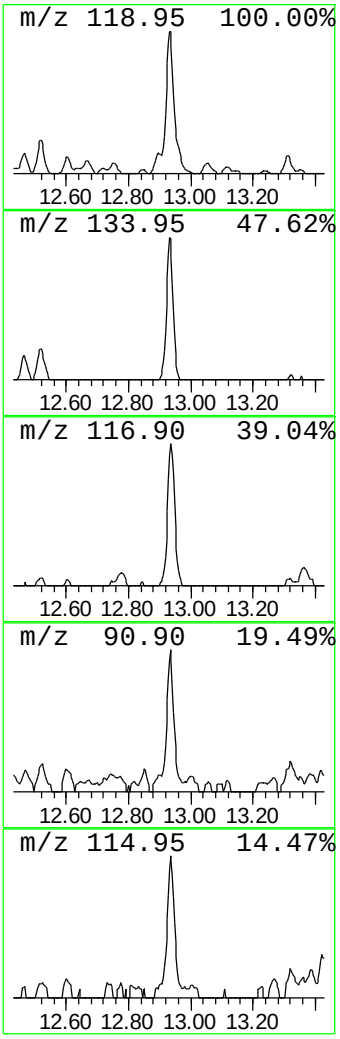
****

Peak Number 5 p-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	0.50 ug/L	68593	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	60
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
3	o-Cymene	134	C10H14	000527-84-4	60
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
Data File : VV006632.D
Acq On : 18 Jul 2018 16:42
Operator : SY/MD
Sample : J3983-09
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB176

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
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	2.1	ug/L	252771	1	5.67	602094	5.0
p-Cymene	12.93	0.5	ug/L	68593	3	11.30	680754	5.0