LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
Data File : VX010385.D
Acq On : 21 Jun 2019 15:25
Operator : JC/SP
Sample : K3473-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\82X061919W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.312	18	26	34	rBV	43311	144605	11.32%	1.848%
2	1.410	39	42	45	rVV	20355	30303	2.37%	0.387%
3	1.446	45	48	53	rVV	17585	27890	2.18%	0.356%
4	1.696	85	89	93	rVB	31714	38940	3.05%	0.498%
5	2.190	164	170	180	rVB	104379	177703	13.91%	2.271%
6	2.373	192	200	208	rBV	125549	206708	16.18%	2.642%
7	2.611	227	239	244	rBV2	8206	23128	1.81%	0.296%
8	3.702	410	418	429	rVB	23903	57549	4.50%	0.736%
9	4.598	556	565	575	rBV3	15462	46664	3.65%	0.596%
10	5.501	698	713	725	rBV	159223	447966	35.06%	5.726%
11	5.659	728	739	754	rVB	264607	746677	58.44%	9.544%
12	6.061	792	805	816	rBV	145398	389310	30.47%	4.976%
13	6.860	925	936	948	rBV	396978	924739	72.38%	11.819%
14	7.256	989	1001	1013	rBV2	19421	52144	4.08%	0.666%
15	8.043	1123	1130	1138	rBV	68243	125485	9.82%	1.604%
16	8.713	1232	1240	1255	rBV	813407	1277591	100.00%	16.329%
17	9.792	1409	1417	1423	rBV	95343	140697	11.01%	1.798%
18	10.030	1451	1456	1463	rBV3	8689	13854	1.08%	0.177%
19	10.109	1463	1469	1482	rBV	777302	1081297	84.64%	13.820%
20	11.134	1632	1637	1650	rVB	656417	857114	67.09%	10.955%
21	12.079	1786	1792	1803	rBV	786501	1013508	79.33%	12.954%

Sum of corrected areas: 7823872

LSC Report - Integrated Chromatogram

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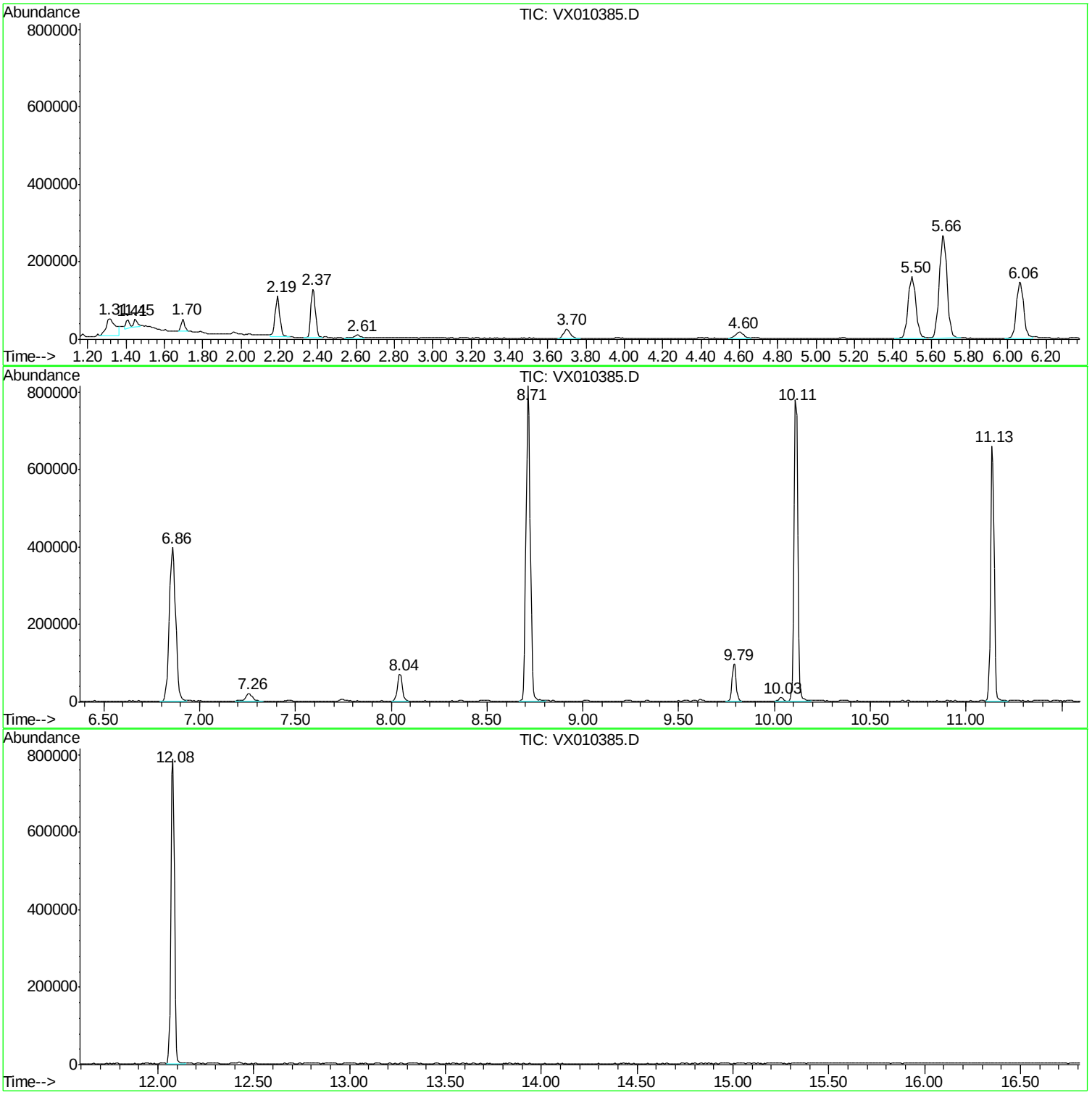
Instrument : MSVOA_X
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
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Instrument : MSVOA_X
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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

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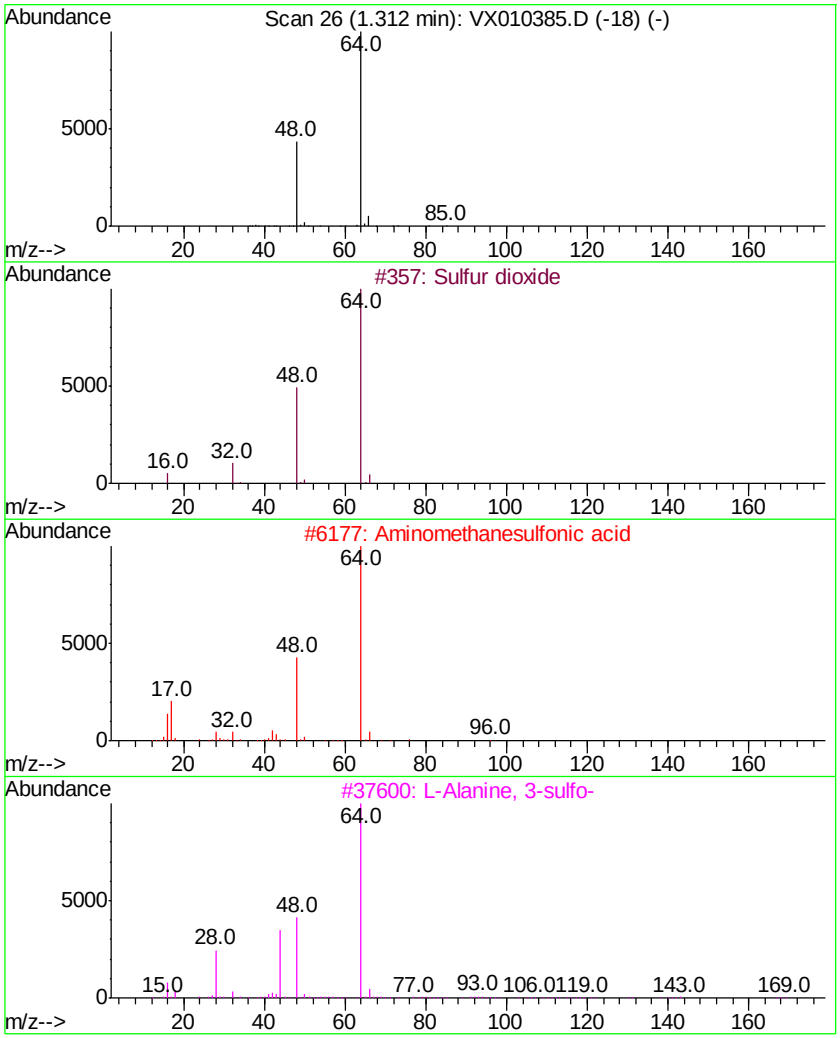
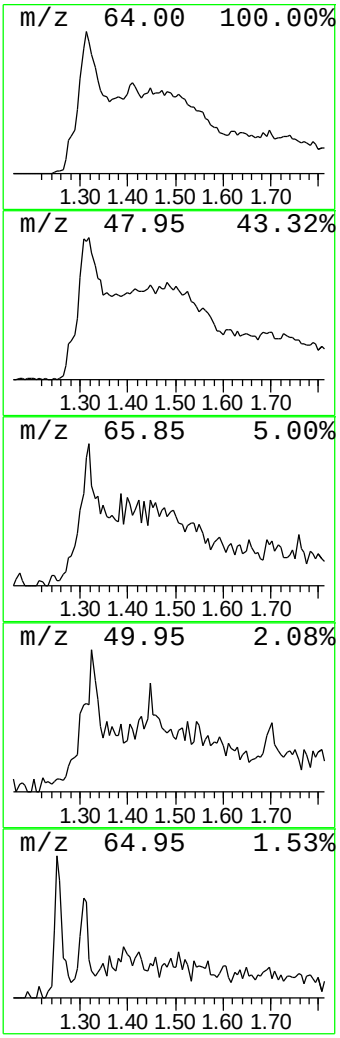
Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.31	9.68 ug/l	144605	Pentafluorobenzene	5.66

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	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





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TIC Integration Parameters: LSCINT.P

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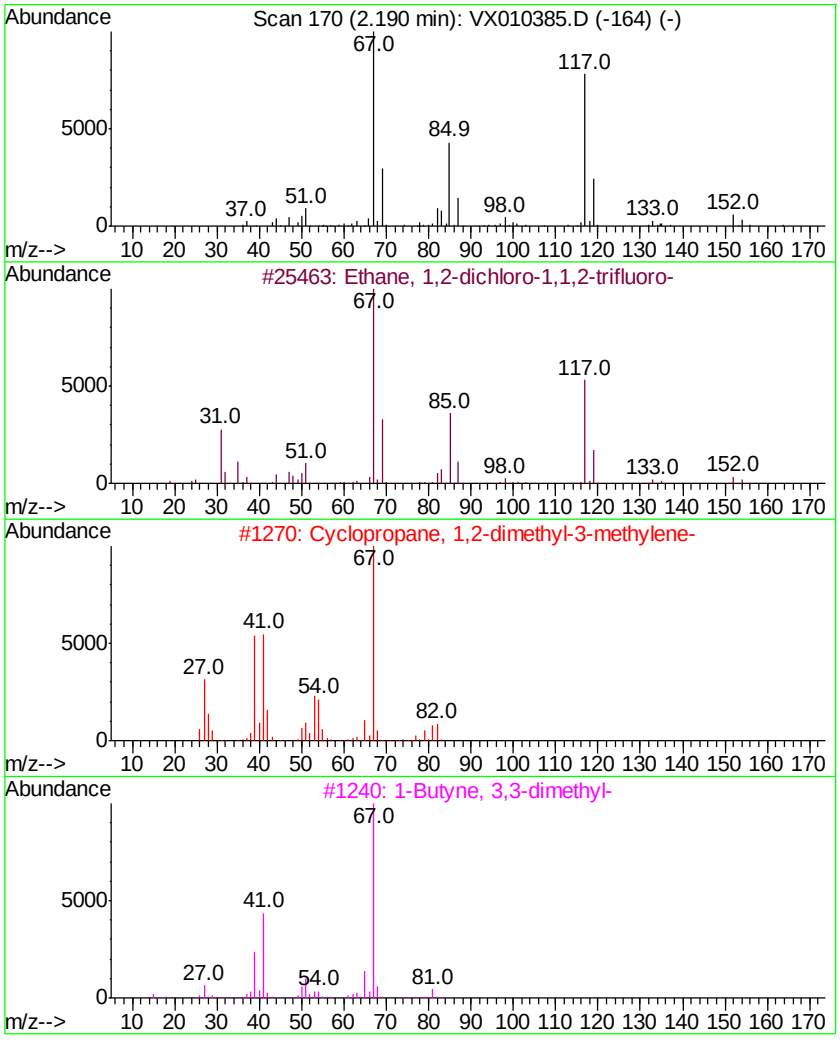
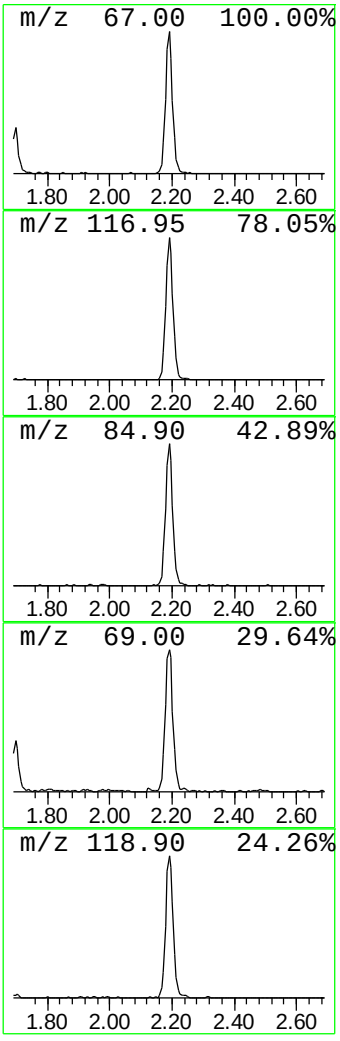
Peak Number 2 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	11.90 ug/l	177703	Pentafluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	91
2	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	12
3	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	10
4	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	9





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ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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

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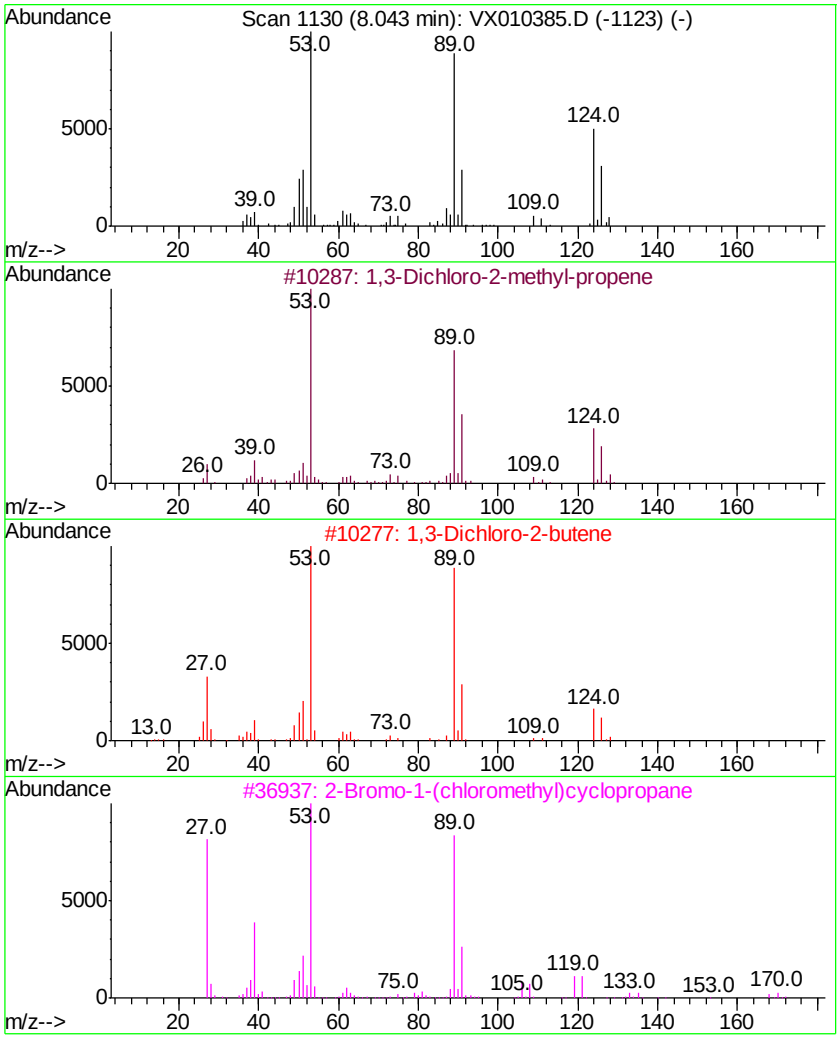
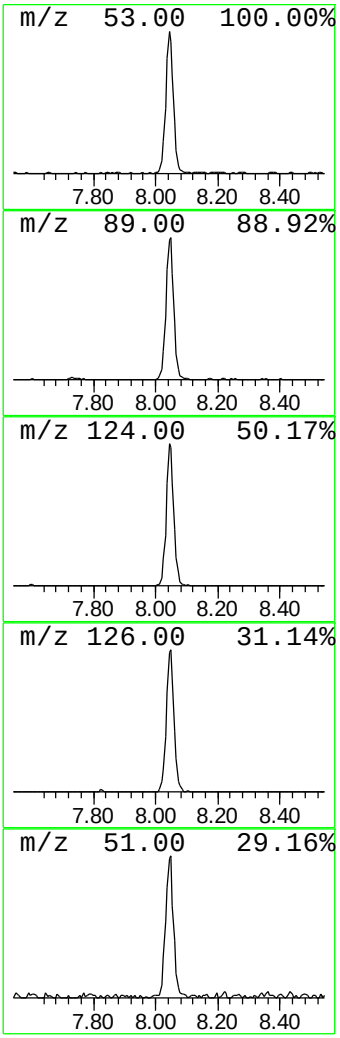
Peak Number 3 1,3-Dichloro-2-methyl-propene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	6.78 ug/l	125485	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dichloro-2-methyl-propene	124	C4H6Cl2	1000194-02-2	91
2	1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	78
3	2-Bromo-1-(chloromethyl)cyclopro...	168	C4H6BrCl	1000222-15-8	72
4	1-Chloro-2-methylenecyclopropane	88	C4H5Cl	070302-78-2	38
5	1,3-Butadiene, 2-chloro-	88	C4H5Cl	000126-99-8	35





Tentatively Identified Compound (LSC) summary

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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	1.31	9.7	ug/l	144605	1	5.66	746677	50.0
Ethane, 1,2-dichl...	2.19	11.9	ug/l	177703	1	5.66	746677	50.0
1,3-Dichloro-2-me...	8.04	6.8	ug/l	125485	2	6.86	924739	50.0