

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090518\
 Data File : VL032454.D
 Acq On : 5 Sep 2018 12:43
 Operator : SY/AP
 Sample : VL0905ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0905ABL01

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 10:45:48 AM

Quant Time: Sep 06 15:18:22 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 31

QLast Update : Fri Aug 31 21:33:46 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1604821	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.33	114	3243906	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.29	117	3121201	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2364737	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds

					Ovalue
15) Acetone	3.95	43	55635m	0.38	ppbv
20) Methylene Chloride	4.45	84	15207m	0.28	ppbv

(#) = qualifier out of range (m) = manual integration (+) = signals summed

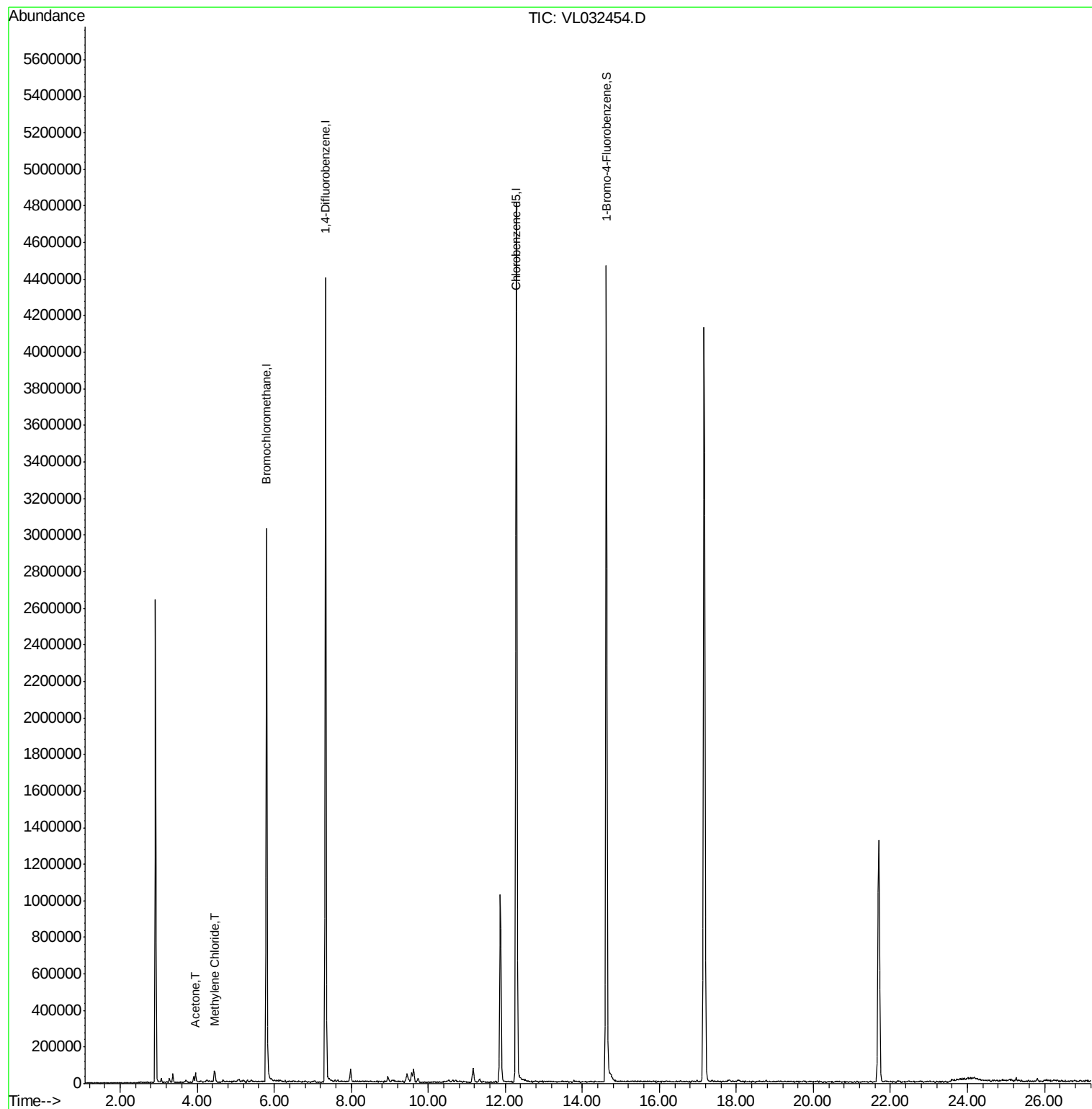
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL090518\
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#1

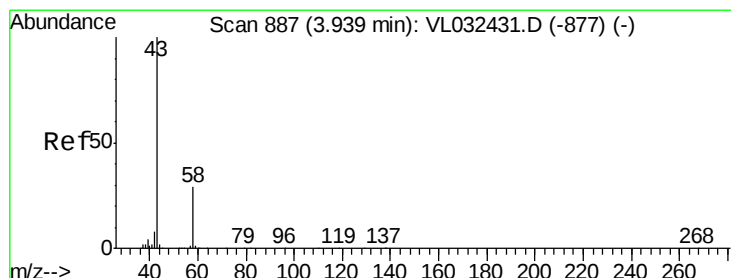
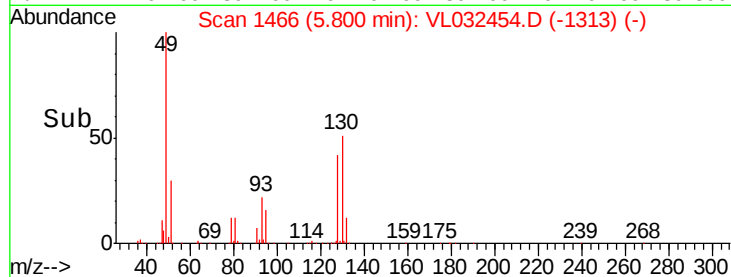
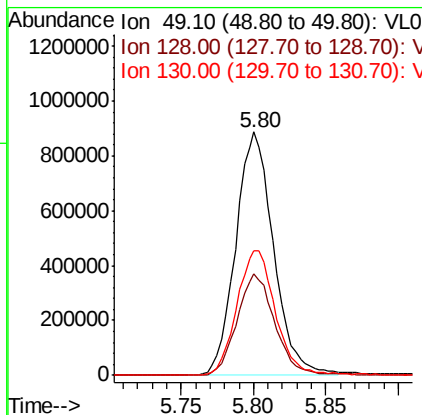
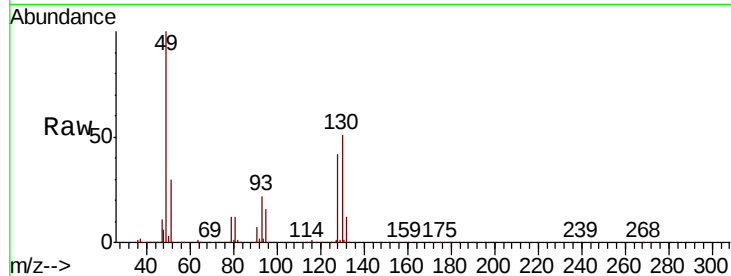
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.80 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: VL032454.D
 Acq: 5 Sep 2018 12:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0905ABL01

Tot Ion	Ratio	Lower	Upper
49	100		
128	42.3	20.7	62.1
130	53.3	26.6	79.7

Manual Integrations
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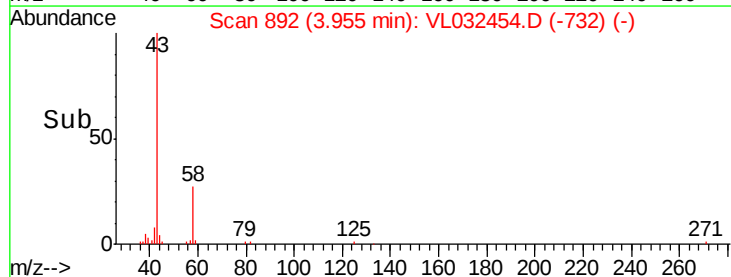
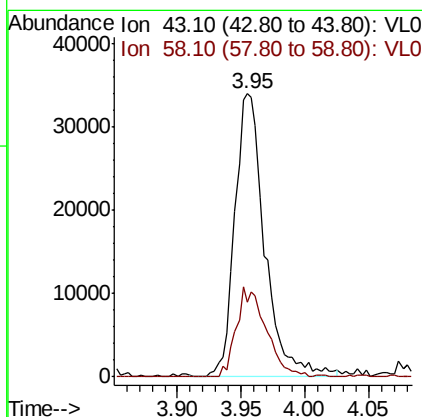
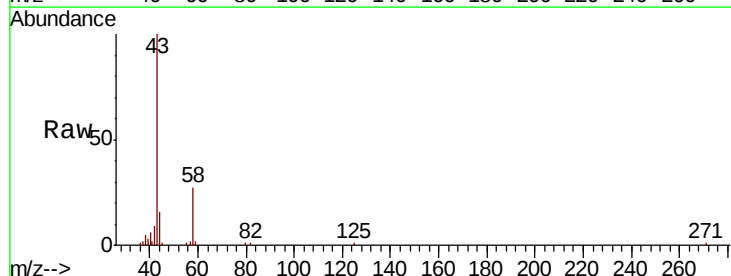
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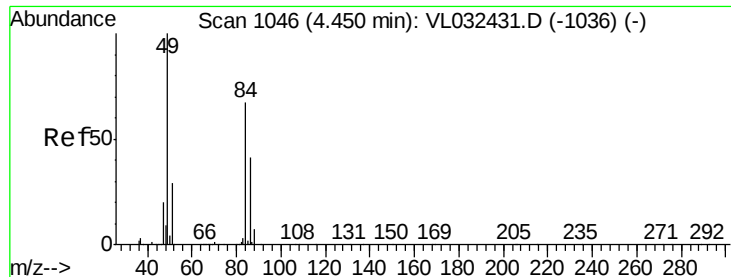


#15

Acetone
 Concen: 0.38 ppbv m
 RT: 3.95 min Scan# 892
 Delta R.T. 0.02 min
 Lab File: VL032454.D
 Acq: 5 Sep 2018 12:43

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.5	22.6	33.8





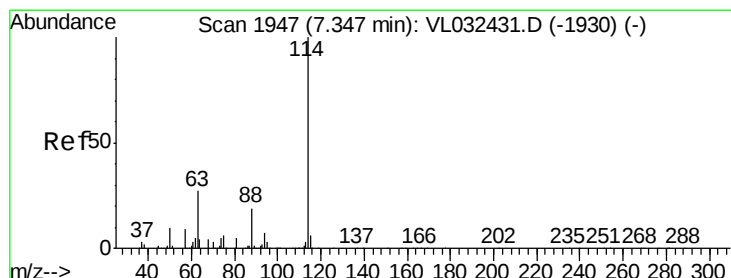
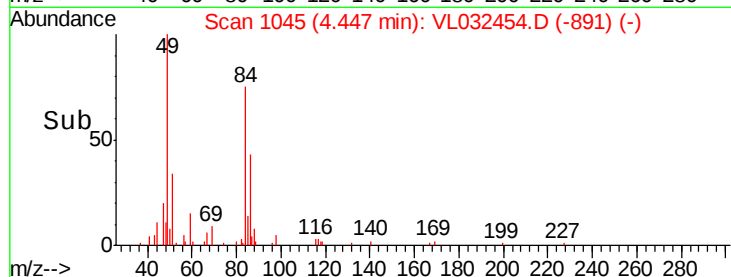
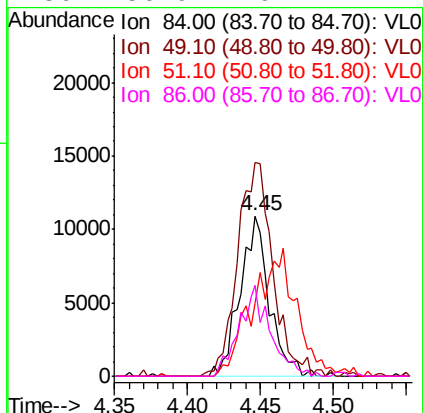
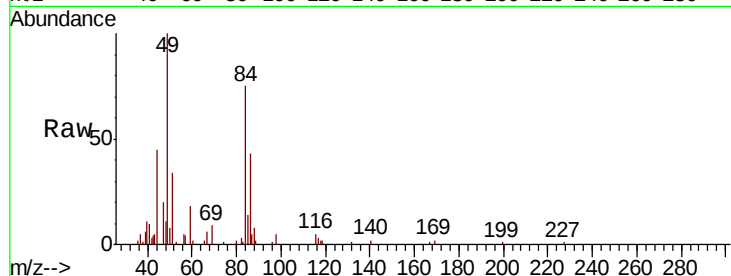
#20
Methvlene Chloride
Concen: 0.28 ppbv m
RT: 4.45 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VL032454.D
Acq: 5 Sep 2018 12:43

Instrument :
MSVOA_L
ClientSampleId :
VL0905ABL01

Tot Ion	84	Resp	15207
Ion	Ratio	Lower	Upper
84	100		
49	133.3	119.1	178.7
51	45.4	35.2	52.8
86	56.9	49.4	74.2

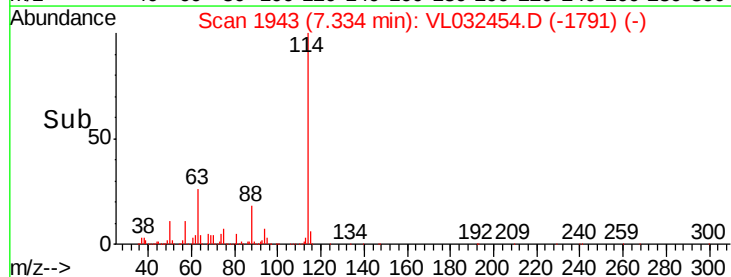
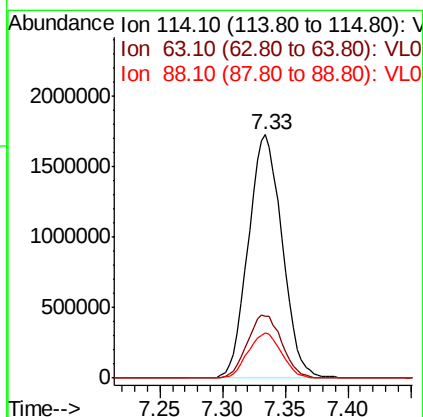
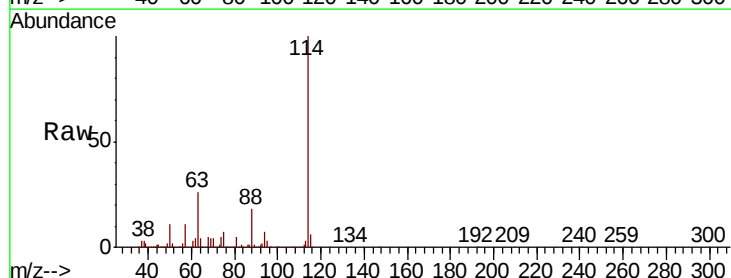
Manual Integrations
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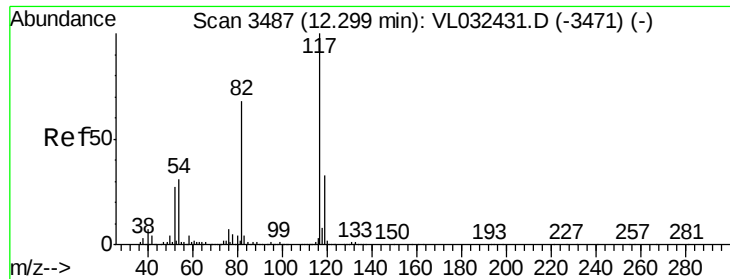
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.33 min Scan# 1943
Delta R.T. -0.01 min
Lab File: VL032454.D
Acq: 5 Sep 2018 12:43

Tgt Ion	114	Resp	3243906
Ion	Ratio	Lower	Upper
114	100		
63	26.8	22.2	33.4
88	18.5	15.0	22.4





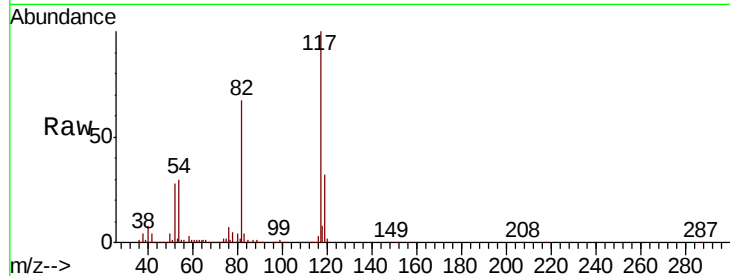
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.29 min Scan# 3484
Delta R.T. -0.01 min
Lab File: VL032454.D
Acq: 5 Sep 2018 12:43

Instrument :
MSVOA_L
ClientSampleId :
VL0905ABL01

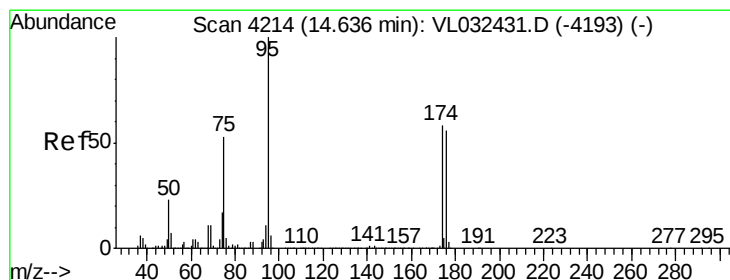
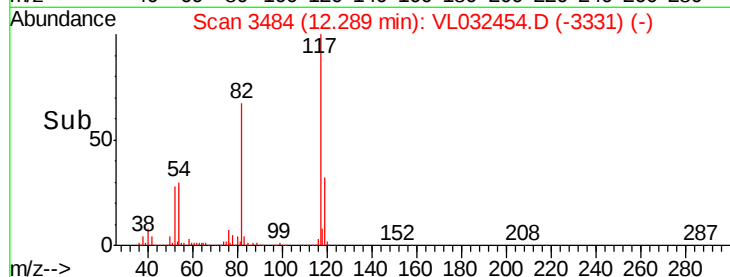
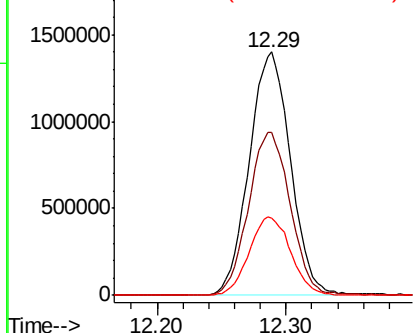
Tot Ion	Ratio	Lower	Upper
117	100		
82	68.4	53.0	79.6
119	32.5	45.9	68.9#

Manual Integrations
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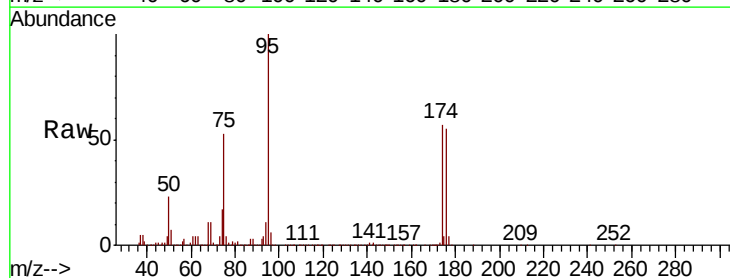


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.20 ppbv
RT: 14.63 min Scan# 4211
Delta R.T. -0.01 min
Lab File: VL032454.D
Acq: 5 Sep 2018 12:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	59.0	46.3	69.5
175	4.4	3.4	5.0



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

