

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071719\
 Data File : VL034036.D
 Acq On : 17 Jul 2019 17:15
 Operator : SY/AP
 Sample : VL0717ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0717ABL01

Quant Time: Jul 18 04:53:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 02 19:31:31 2019
 QLast Update : Tue Jul 02 19:31:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.72	49	1124204	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.25	114	2903898	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.19	117	2909898	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.53	95	2290628	9.23	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.30%

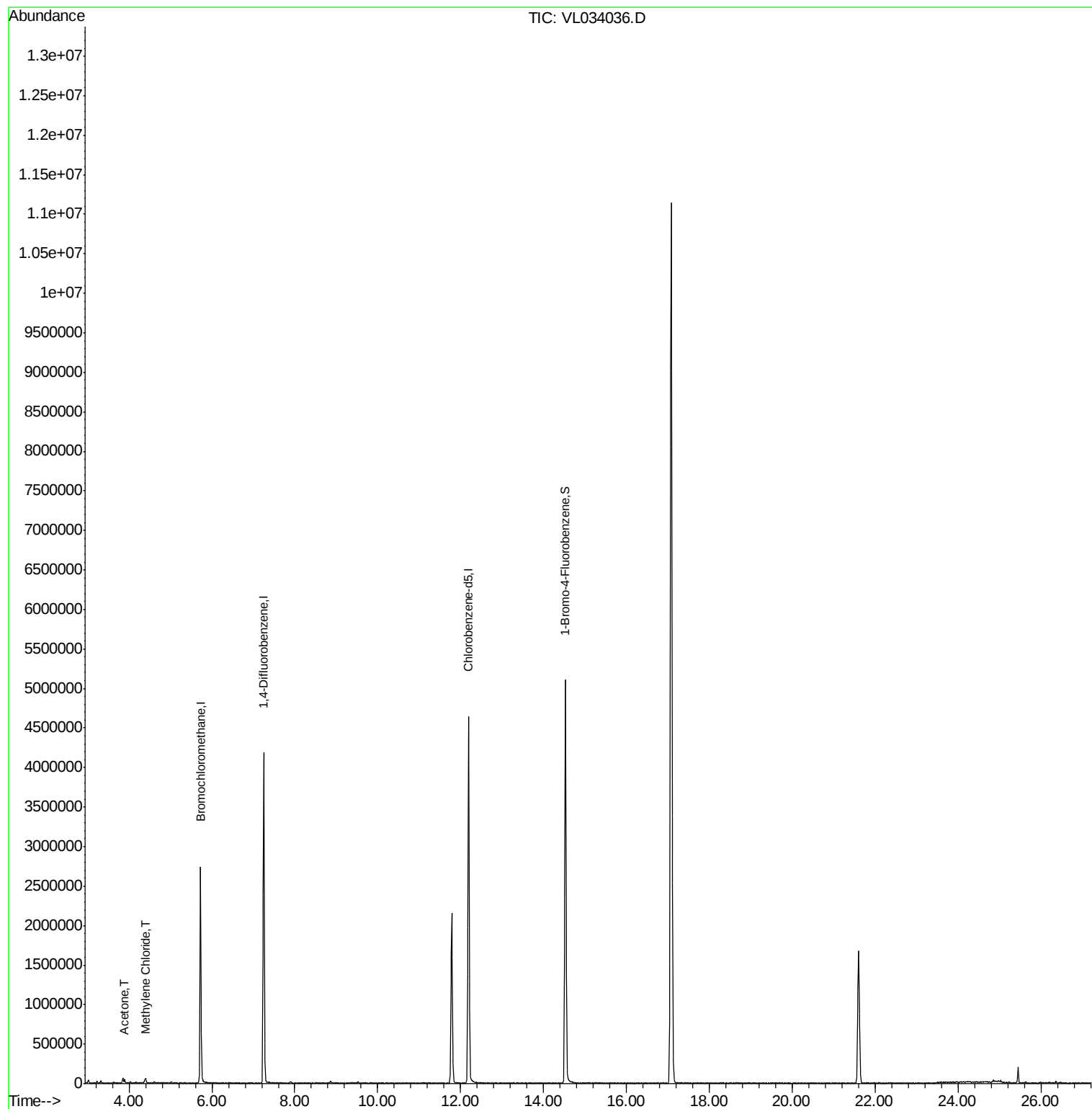
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	49027	0.259	ppbv	90
20) Methylene Chloride	4.38	84	10590	0.128	ppbv #	89

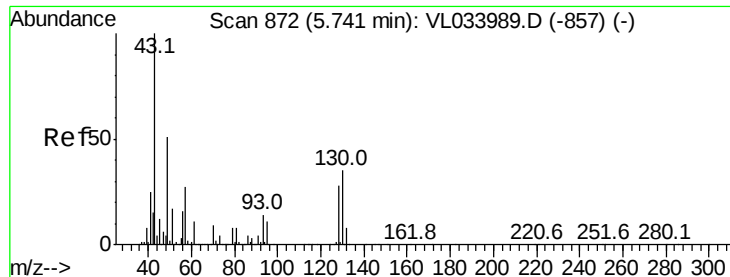
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL071719\
Data File : VL034036.D
Acq On : 17 Jul 2019 17:15
Operator : SY/AP
Sample : VL0717ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0717ABL01

Quant Time: Jul 18 04:53:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 02 19:31:31 2019
QLast Update : Tue Jul 02 19:31:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.72 min Scan# 867

Delta R.T. -0.02 min

Lab File: VL034036.D

Acq: 17 Jul 2019 17:15

Instrument :

MSVOA_L

ClientSampleId :

VL0717ABL01

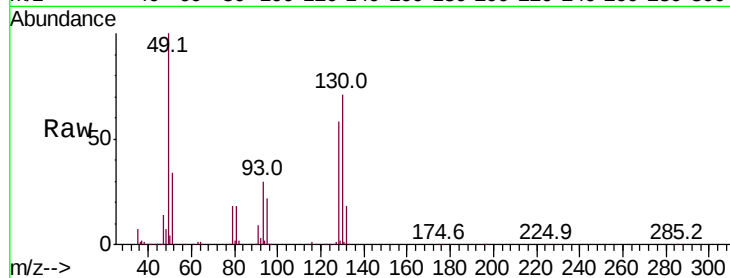
Tot Ion: 49 Resp: 1124204

Ion Ratio Lower Upper

49 100

128 56.1 27.9 83.6

130 71.6 35.8 107.4



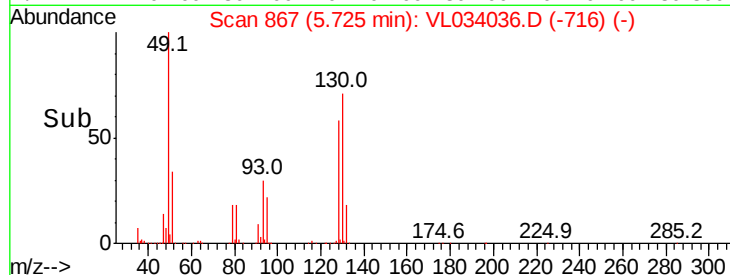
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

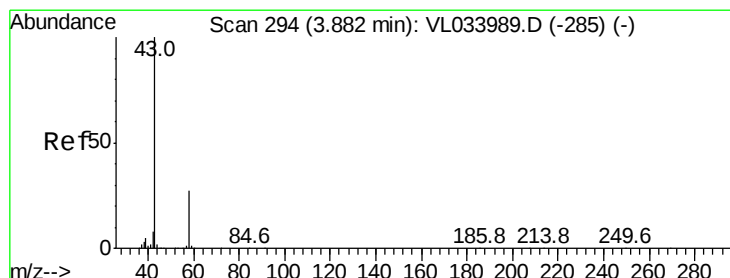
Ion 130.00 (129.70 to 130.70): VL0

5.72

Time-->



Time-->



#15

Acetone

Concen: 0.259 ppbv

RT: 3.89 min Scan# 297

Delta R.T. 0.01 min

Lab File: VL034036.D

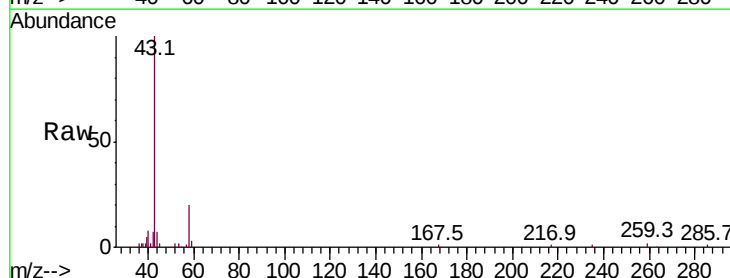
Acq: 17 Jul 2019 17:15

Tgt Ion: 43 Resp: 49027

Ion Ratio Lower Upper

43 100

58 31.8 21.4 32.0

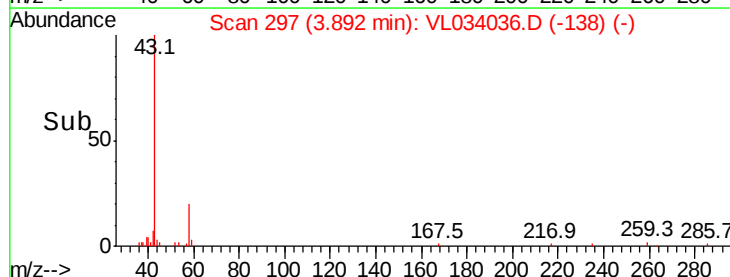


Abundance Ion 43.10 (42.80 to 43.80): VL0

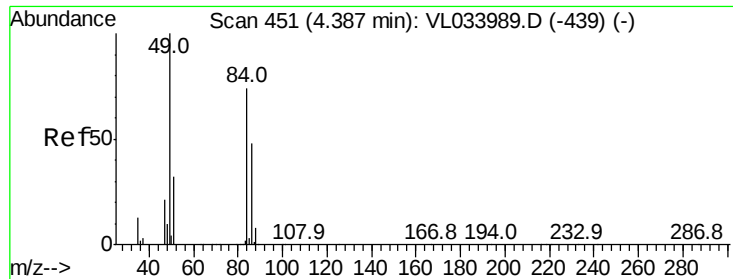
Ion 58.10 (57.80 to 58.80): VL0

3.89

Time-->



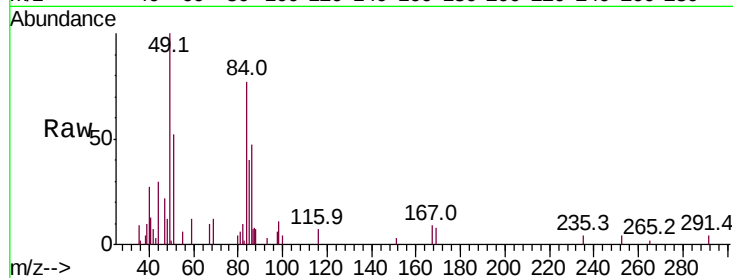
Time-->



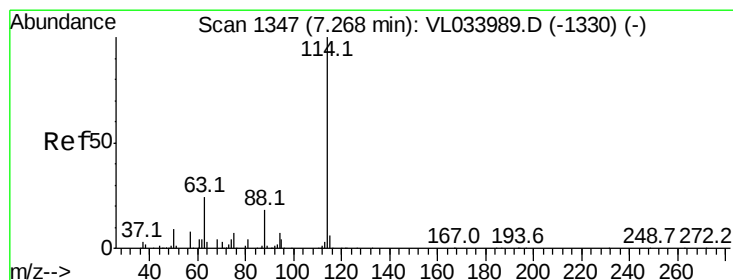
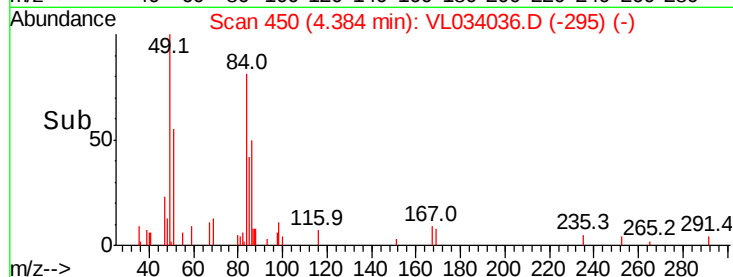
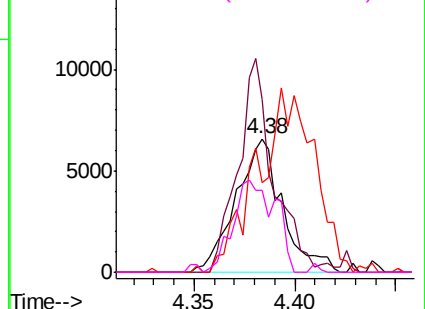
#20
Methylene Chloride
Concen: 0.128 ppbv
RT: 4.38 min Scan# 450
Delta R.T. -0.00 min
Lab File: VL034036.D
Acq: 17 Jul 2019 17:15

Instrument :
MSVOA_L
ClientSampleId :
VL0717ABL01

Tot Ion: 84 Resp: 10590
Ion Ratio Lower Upper
84 100
49 129.5 107.6 161.4
51 67.3 35.0 52.6#
86 57.5 52.1 78.1

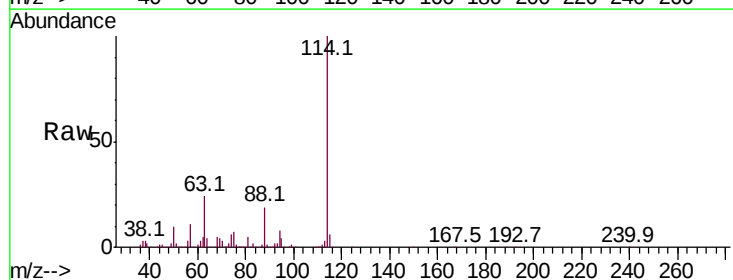


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

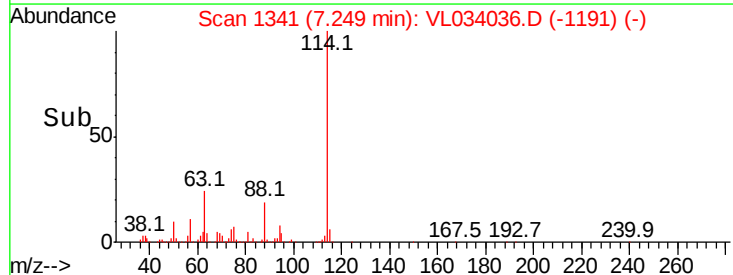
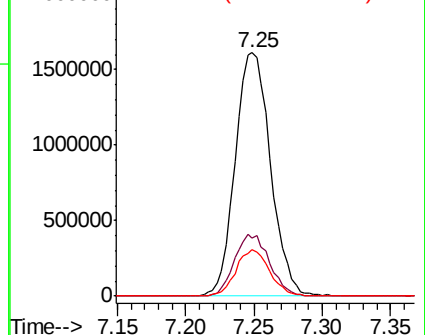


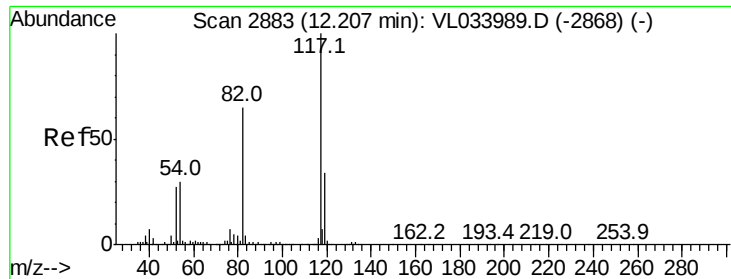
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. -0.02 min
Lab File: VL034036.D
Acq: 17 Jul 2019 17:15

Tgt Ion: 114 Resp: 2903898
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.2
88 18.3 14.1 21.1



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

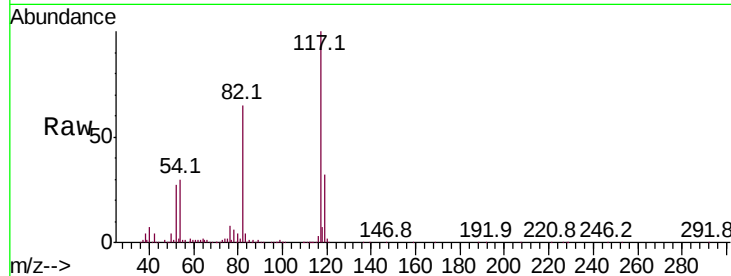




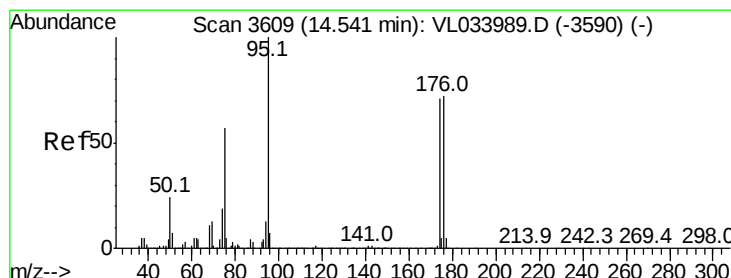
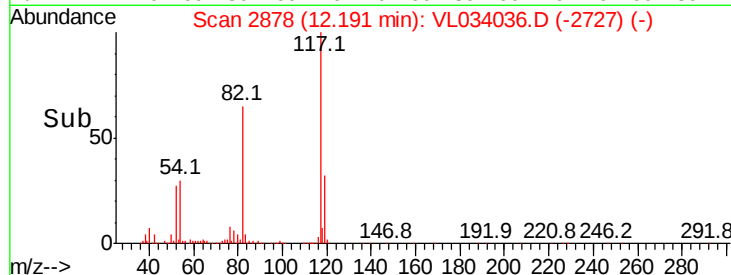
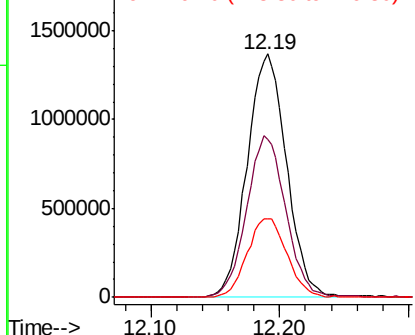
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.19 min Scan# 2878
Delta R.T. -0.02 min
Lab File: VL034036.D
Acq: 17 Jul 2019 17:15

Instrument :
MSVOA_L
ClientSampleId :
VL0717ABL01

Tot Ion:117 Resp: 2909898
Ion Ratio Lower Upper
117 100
82 66.4 50.8 76.2
119 33.0 24.0 36.0

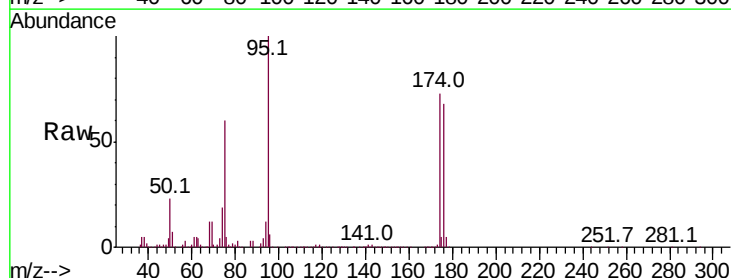


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.230 ppbv
RT: 14.53 min Scan# 3605
Delta R.T. -0.01 min
Lab File: VL034036.D
Acq: 17 Jul 2019 17:15

Tgt Ion: 95 Resp: 2290628
Ion Ratio Lower Upper
95 100
174 72.9 60.5 90.7
175 5.2 4.0 6.0



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

