

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101118\
 Data File : VL032602.D
 Acq On : 11 Oct 2018 13:22
 Operator : SY/AP
 Sample : OC100918 CAN 10761
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC100918 CAN 10761

Quant Time: Oct 12 02:04:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 01 06:49:26 2018
 QLast Update : Mon Oct 01 06:49:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1391196	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3042420	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3251303	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2244311	9.15	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.50%

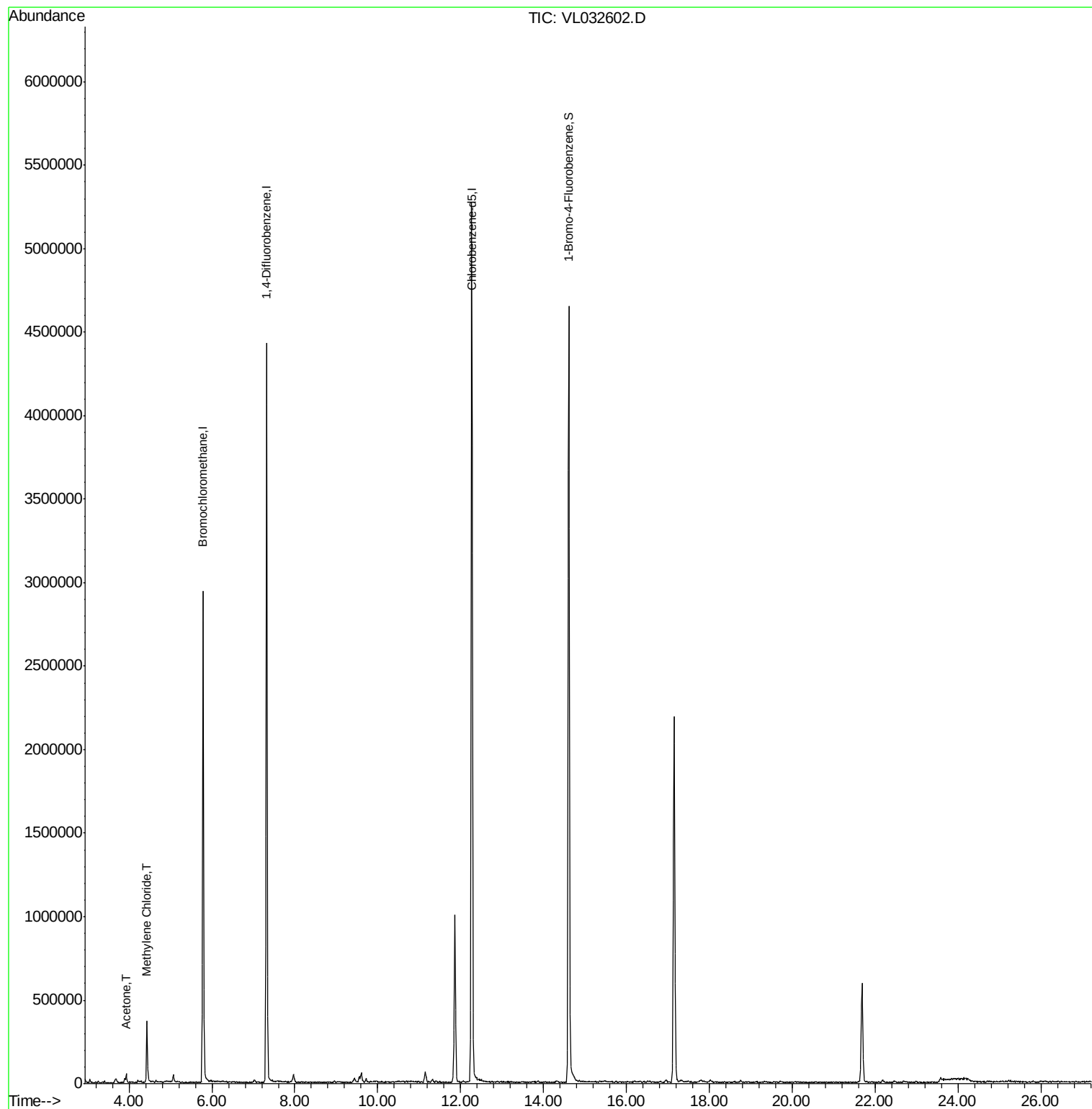
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.93	43	51009	0.418	ppbv	98
20) Methylene Chloride	4.43	84	112972	1.910	ppbv	93

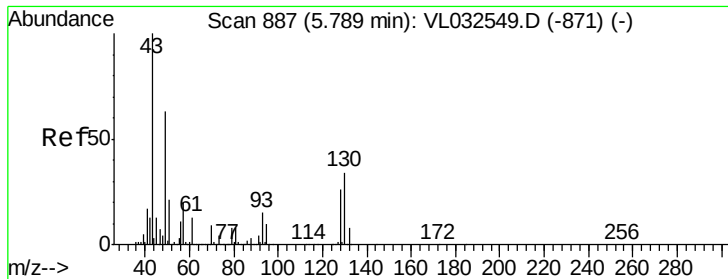
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.79 min Scan# 886

Delta R.T. -0.02 min

Lab File: VL032602.D

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Instrument :

MSVOA_L

ClientSampleId :

QC100918 CAN 10761

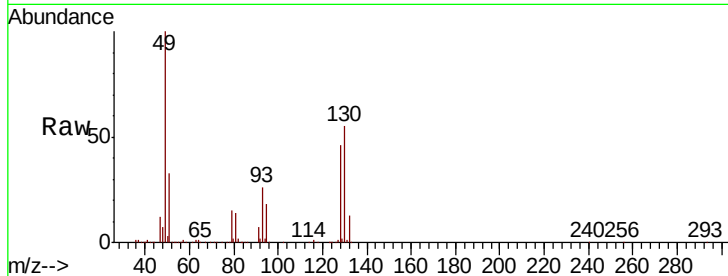
Tot Ion: 49 Resp: 1391196

Ion Ratio Lower Upper

49 100

128 45.4 20.7 62.1

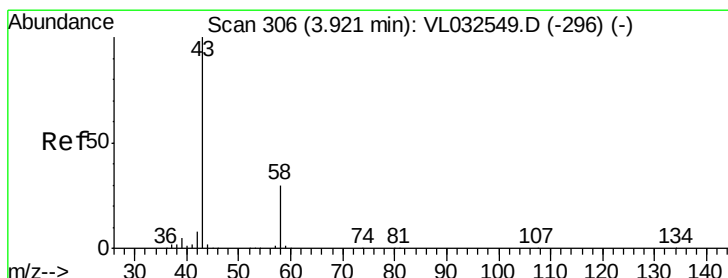
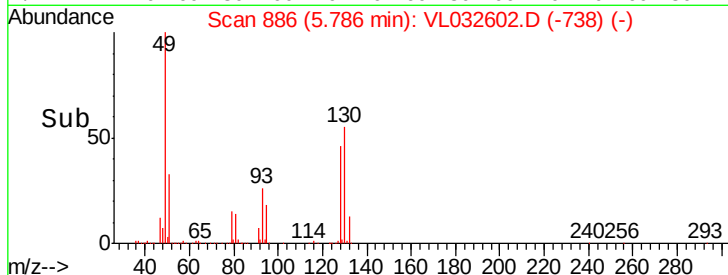
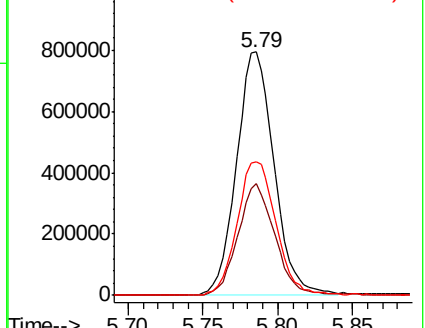
130 57.7 26.6 79.7



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.418 ppbv

RT: 3.93 min Scan# 309

Delta R.T. -0.01 min

Lab File: VL032602.D

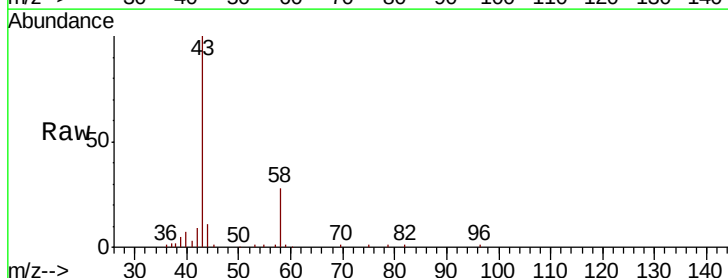
Acq: 11 Oct 2018 13:22

Tgt Ion: 43 Resp: 51009

Ion Ratio Lower Upper

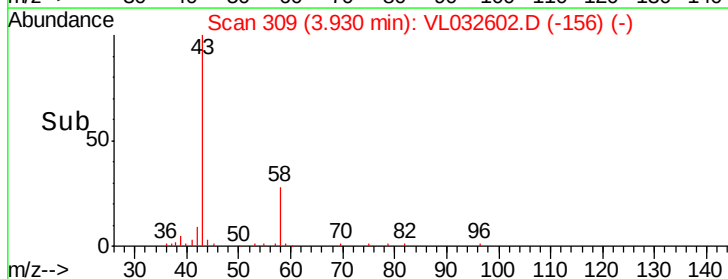
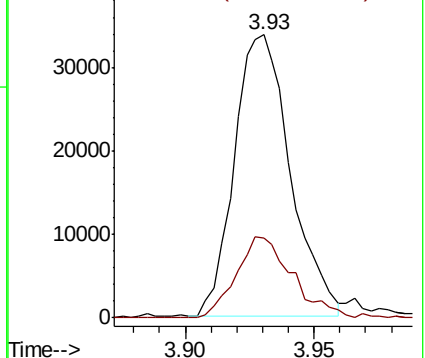
43 100

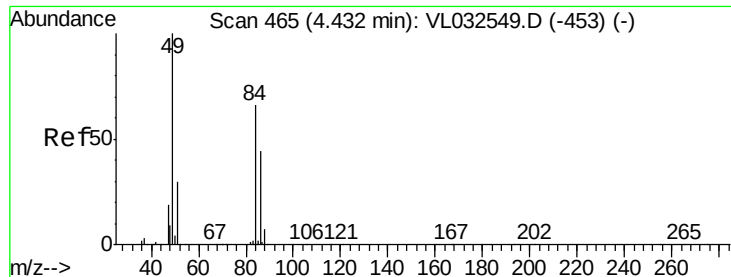
58 29.1 22.6 33.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



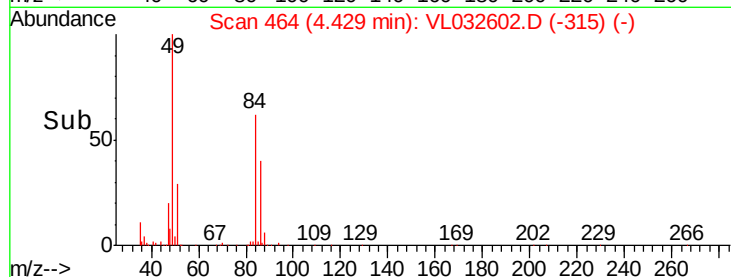
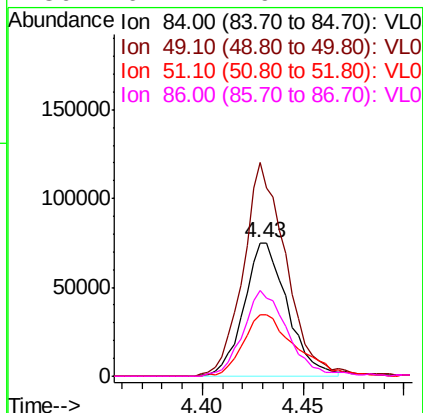
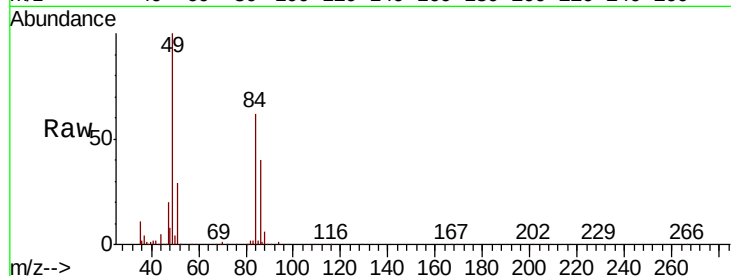


#20
Methylene Chloride
Concen: 1.910 ppbv
RT: 4.43 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL032602.D
Acq: 11 Oct 2018 13:22

Instrument :
MSVOA_L
ClientSampleId :
QC100918 CAN 10761

Tot Ion: 84 Resp: 112972

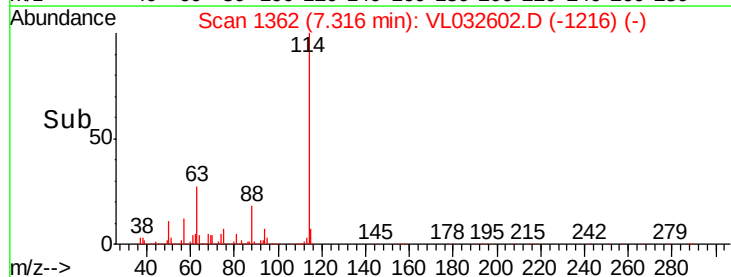
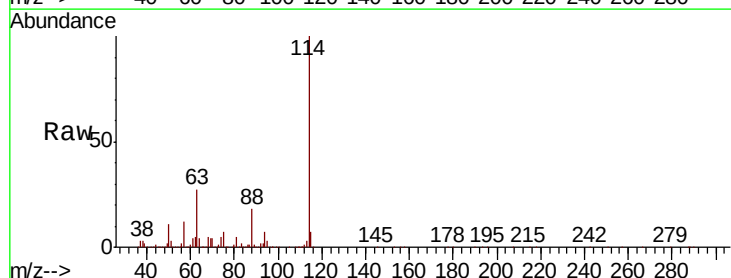
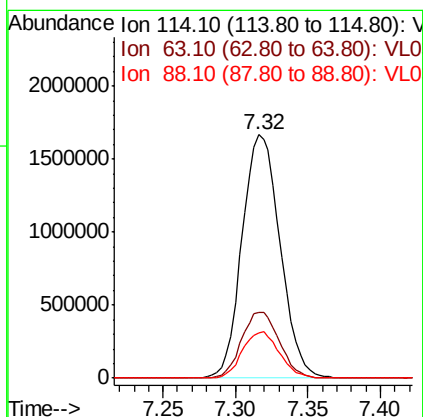
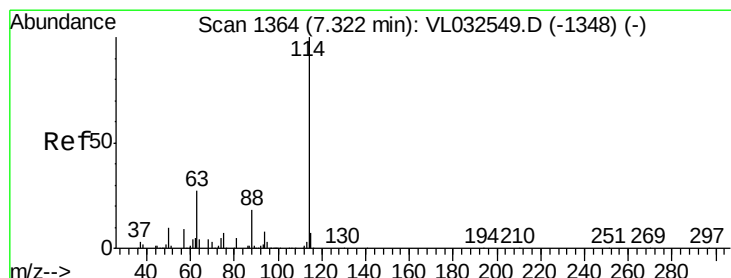
Ion	Ratio	Lower	Upper
84	100		
49	160.3	119.1	178.7
51	46.4	35.2	52.8
86	64.4	49.4	74.2

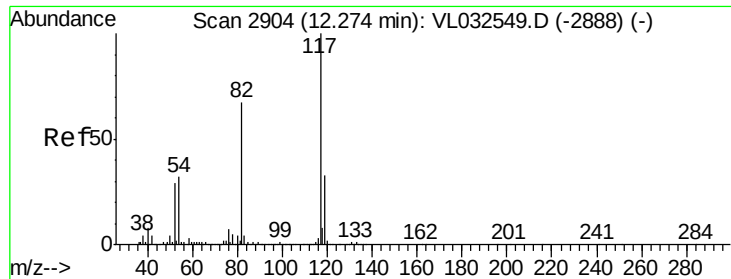


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1362
Delta R.T. -0.03 min
Lab File: VL032602.D
Acq: 11 Oct 2018 13:22

Tgt Ion: 114 Resp: 3042420

Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.2	33.4
88	18.5	15.0	22.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.27 min Scan# 2902

Delta R.T. -0.03 min

Lab File: VL032602.D

Acq: 11 Oct 2018 13:22

Instrument :

MSVOA_L

ClientSampleId :

QC100918 CAN 10761

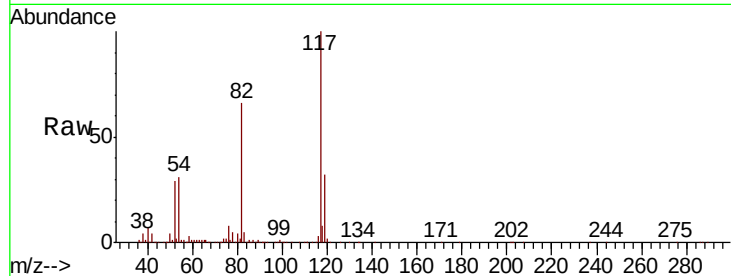
Tot Ion:117 Resp: 3251303

Ion Ratio Lower Upper

117 100

82 66.3 53.0 79.6

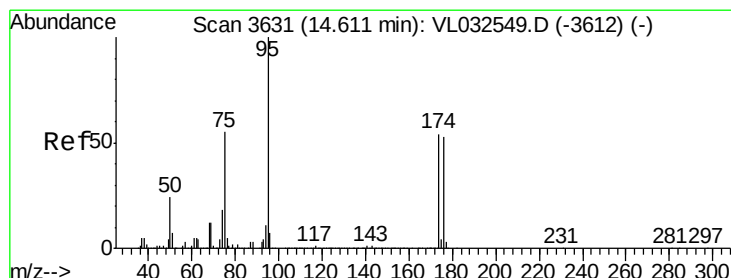
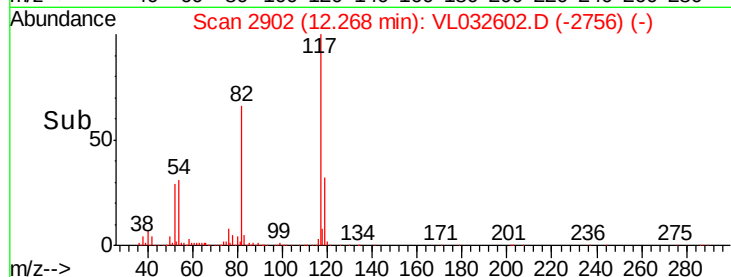
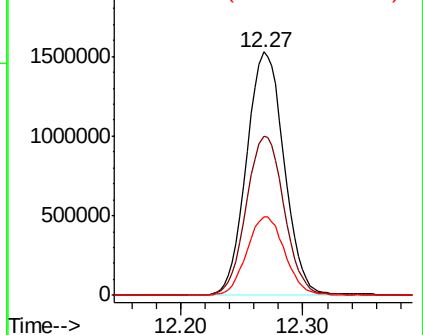
119 32.8 45.9 68.9#



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: 9.153 ppbv

RT: 14.61 min Scan# 3629

Delta R.T. -0.03 min

Lab File: VL032602.D

Acq: 11 Oct 2018 13:22

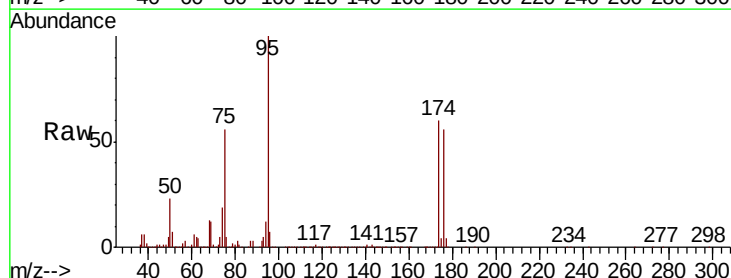
Tgt Ion: 95 Resp: 2244311

Ion Ratio Lower Upper

95 100

174 60.1 46.3 69.5

175 4.0 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

