

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032019\
 Data File : VL033417.D
 Acq On : 21 Mar 2019 10:52
 Operator : SY/AP
 Sample : K1975-05DL 100X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Quant Time: Mar 24 16:36:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	800163	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1825823	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1745279	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1346985	10.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

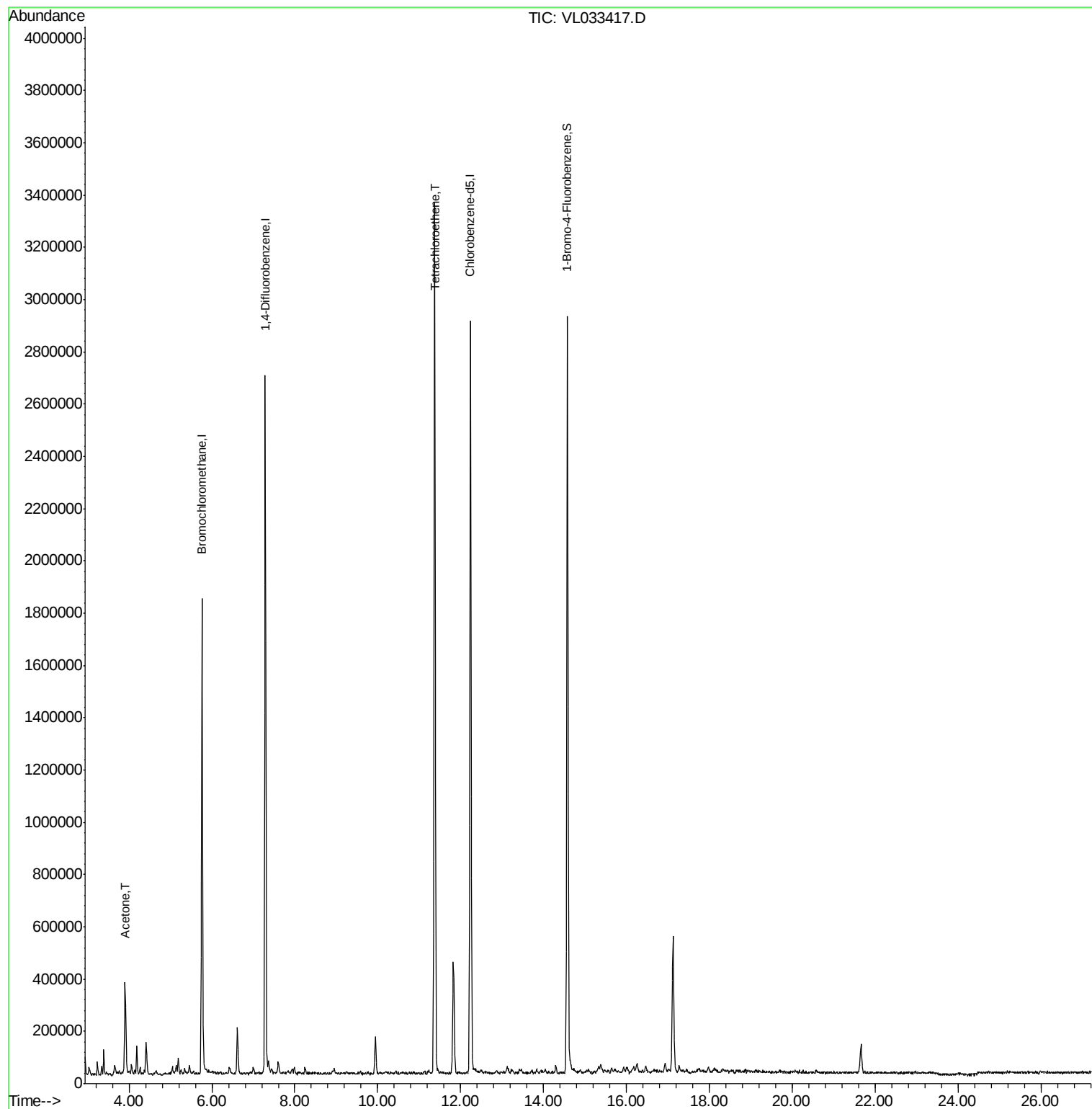
Target Compounds					Ovalue
15) Acetone	3.90	43	386882	3.110 ppbv	97
52) Tetrachloroethene	11.37	164	808455	11.876 ppbv	98

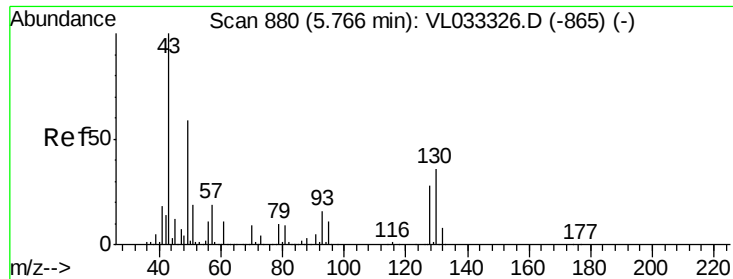
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.01 min

Lab File: VL033417.D

Acq: 21 Mar 2019 10:52

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

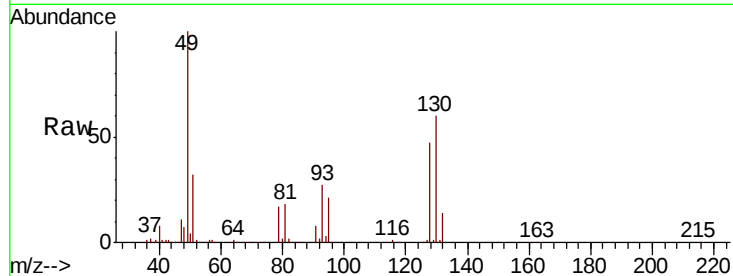
Tot Ion: 49 Resp: 800163

Ion Ratio Lower Upper

49 100

128 48.1 23.5 70.6

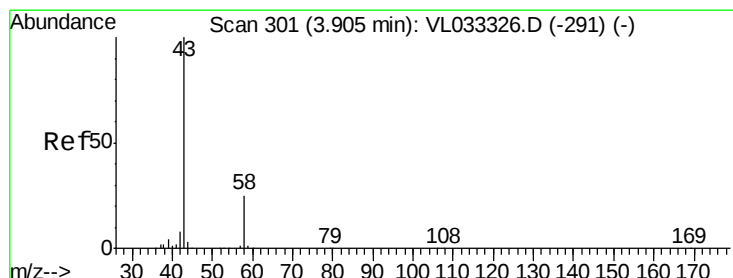
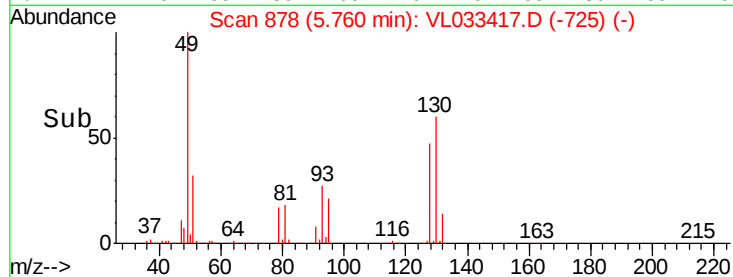
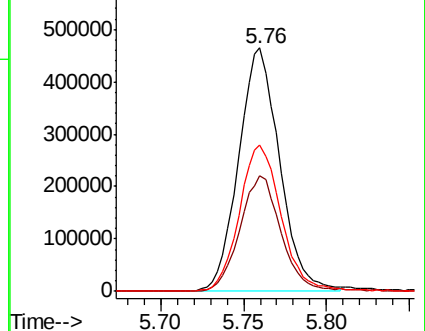
130 61.0 30.1 90.3



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: 3.110 ppbv

RT: 3.90 min Scan# 301

Delta R.T. -0.00 min

Lab File: VL033417.D

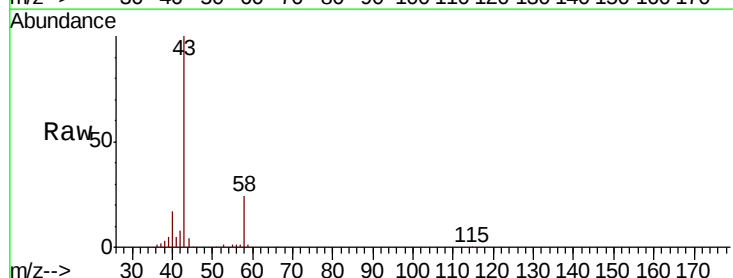
Acq: 21 Mar 2019 10:52

Tgt Ion: 43 Resp: 386882

Ion Ratio Lower Upper

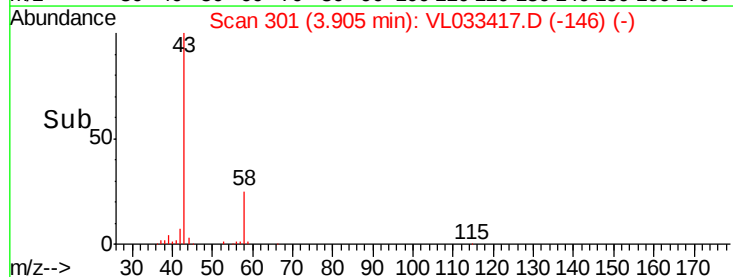
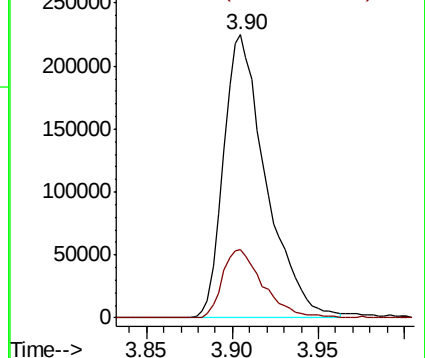
43 100

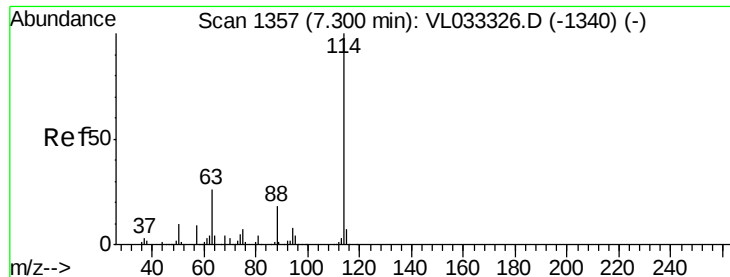
58 23.8 20.4 30.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

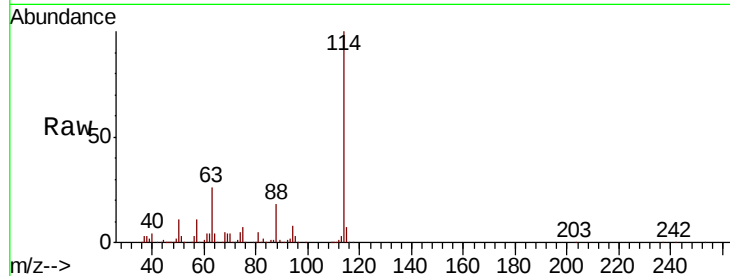




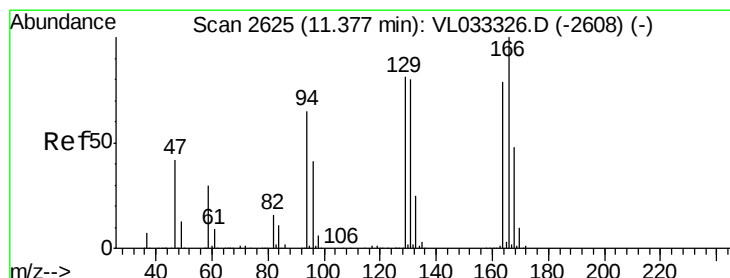
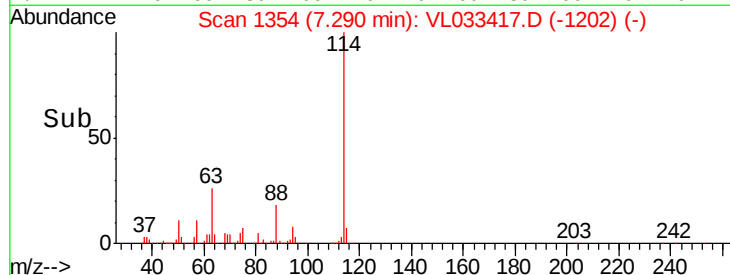
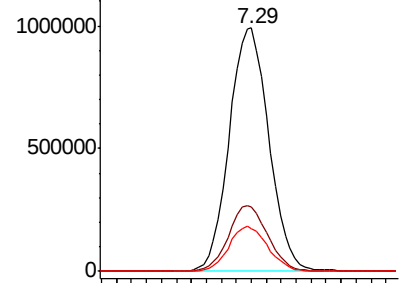
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: VL033417.D
 Acq: 21 Mar 2019 10:52

Instrument :
 MSVOA_L
 ClientSampled :
 SV1DL

Tot Ion:114 Resp: 1825823
 Ion Ratio Lower Upper
 114 100
 63 26.9 21.4 32.2
 88 18.3 14.5 21.7

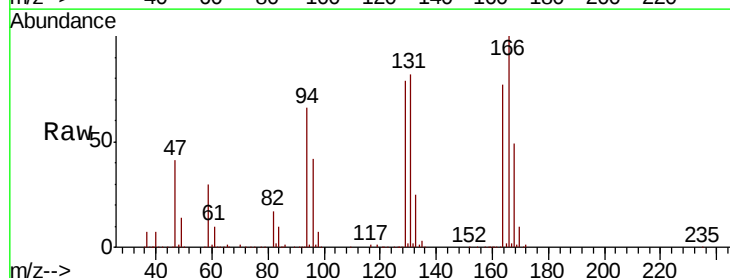


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

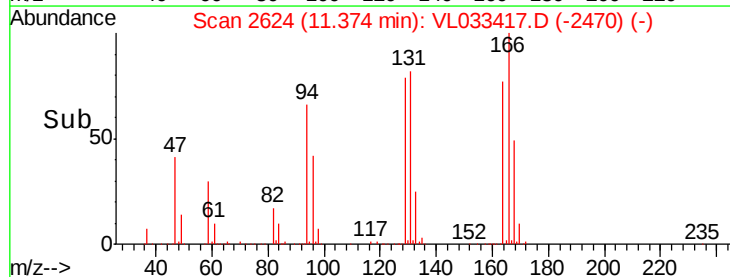
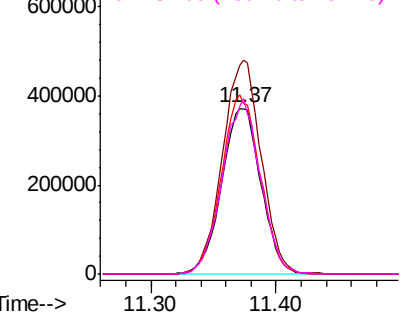


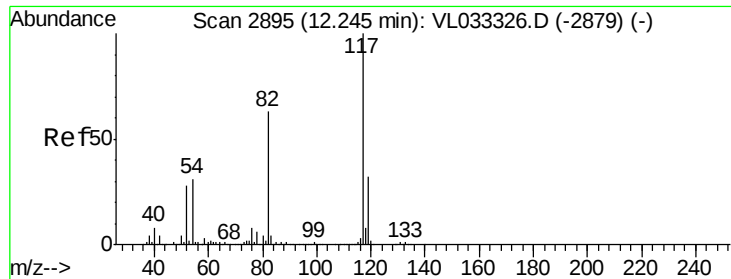
#52
 Tetrachloroethene
 Concen: 11.876 ppbv
 RT: 11.37 min Scan# 2624
 Delta R.T. -0.00 min
 Lab File: VL033417.D
 Acq: 21 Mar 2019 10:52

Tgt Ion:164 Resp: 808455
 Ion Ratio Lower Upper
 164 100
 166 128.9 101.5 152.3
 129 102.4 82.2 123.2
 131 105.6 81.1 121.7



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 165.90 (165.60 to 166.60): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V

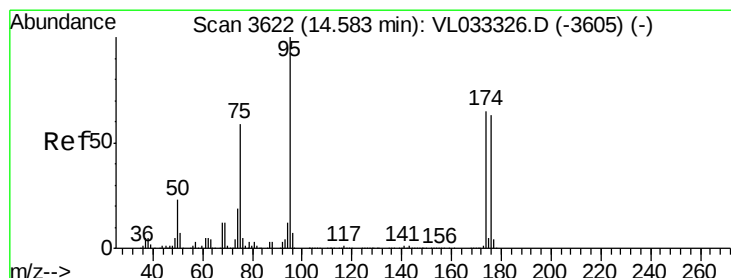
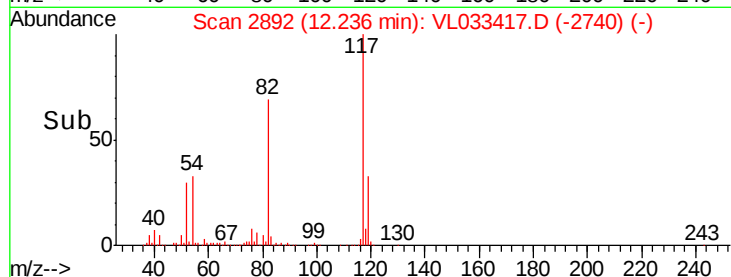
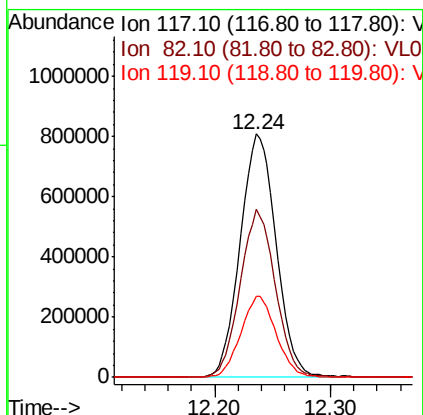
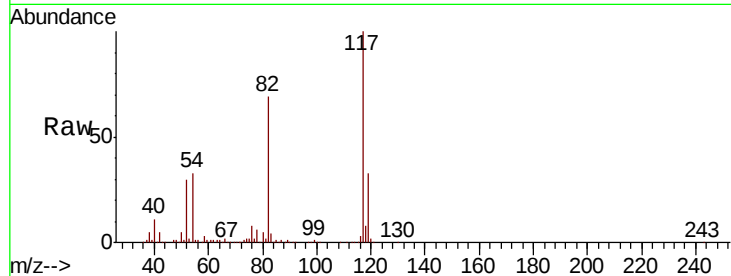




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033417.D
Acq: 21 Mar 2019 10:52

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tot Ion:117 Resp: 1745279
Ion Ratio Lower Upper
117 100
82 67.4 53.4 80.2
119 32.9 27.3 40.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.416 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033417.D
Acq: 21 Mar 2019 10:52

Tgt Ion: 95 Resp: 1346985
Ion Ratio Lower Upper
95 100
174 65.0 51.5 77.3
175 4.7 3.8 5.6

