

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032119\
 Data File : VL033431.D
 Acq On : 22 Mar 2019 13:31
 Operator : SY/AP
 Sample : K1975-04DL 100X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Quant Time: Mar 24 15:54:46 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	721129	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1679643	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1686594	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1322707	10.58	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.80%

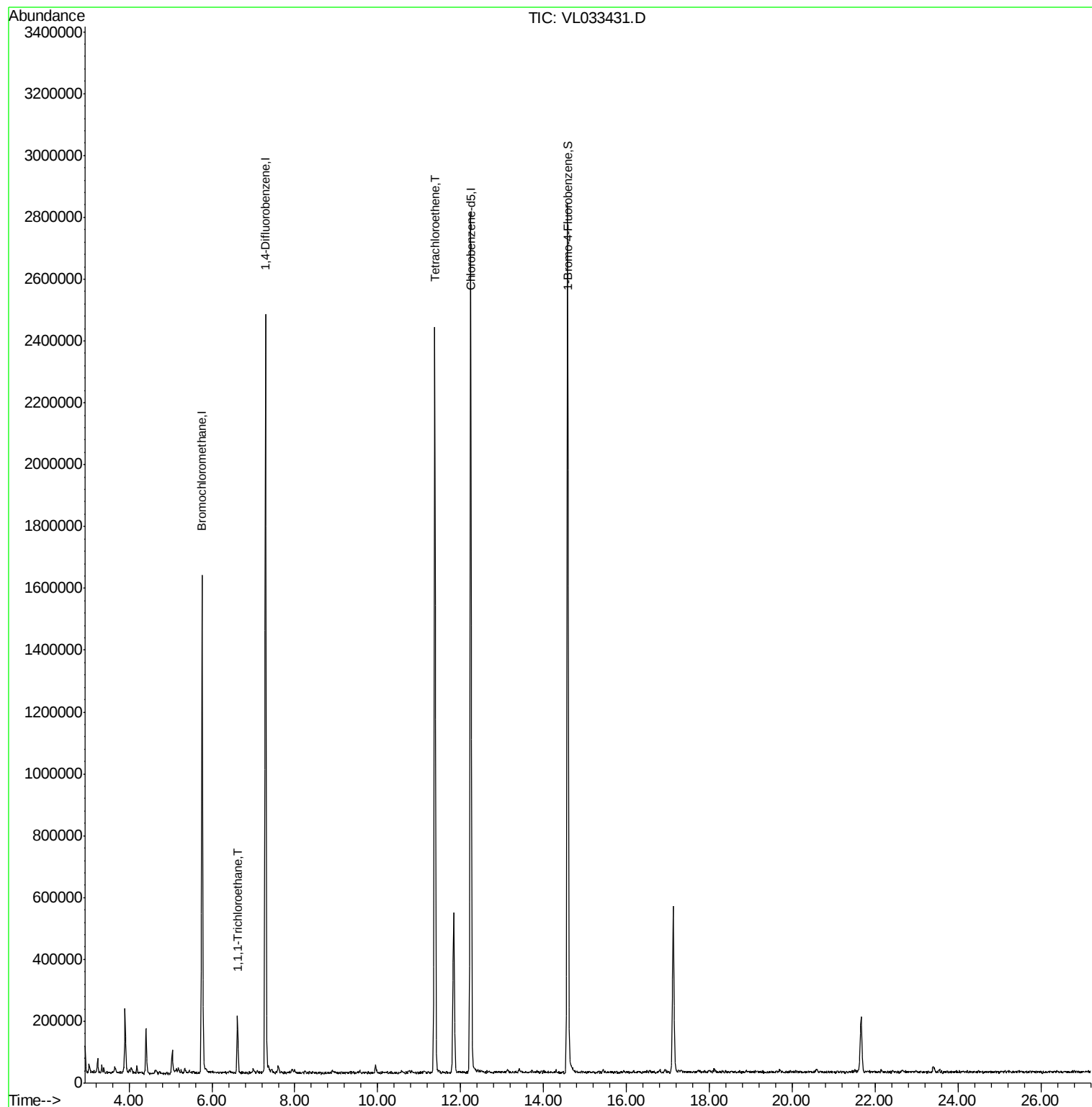
Target Compounds					Ovalue
32) 1,1,1-Trichloroethane	6.62	97	105814	0.903 ppbv	98
52) Tetrachloroethene	11.37	164	570163	9.105 ppbv	98

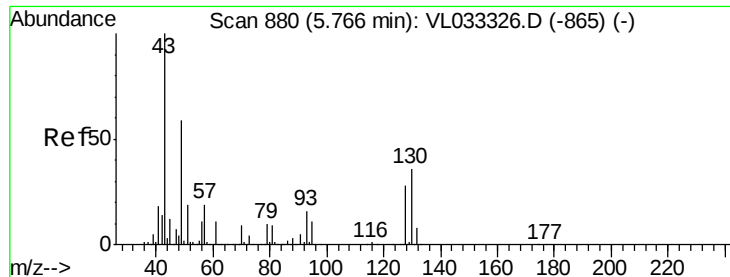
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033431.D

Acq: 22 Mar 2019 13:31

Instrument :

MSVOA_L

ClientSampleId :

SV2DL

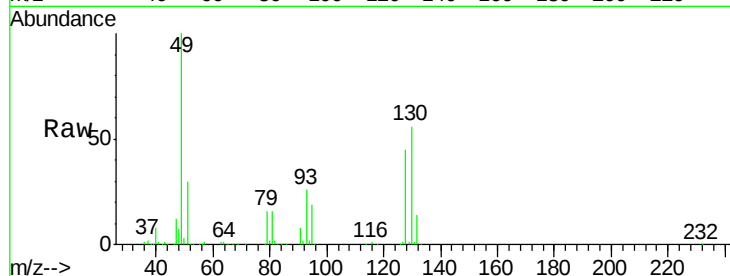
Tot Ion: 49 Resp: 721129

Ion Ratio Lower Upper

49 100

128 47.2 23.5 70.6

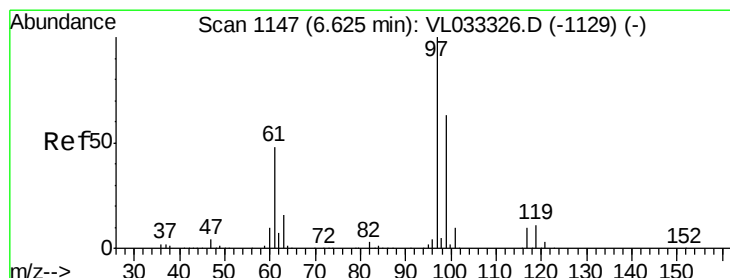
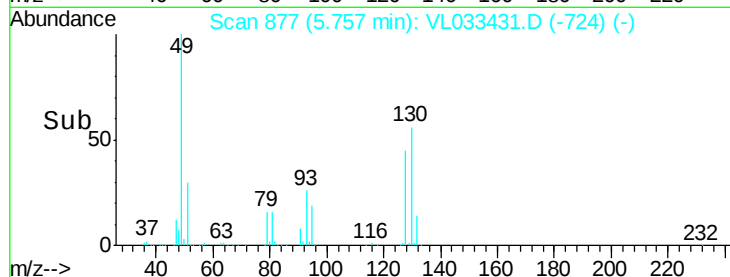
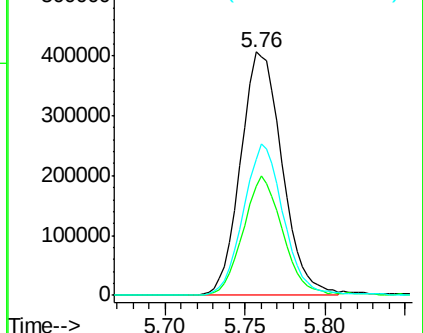
130 60.9 30.1 90.3



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



#32

1,1,1-Trichloroethane

Concen: 0.903 ppbv

RT: 6.62 min Scan# 1145

Delta R.T. -0.01 min

Lab File: VL033431.D

Acq: 22 Mar 2019 13:31

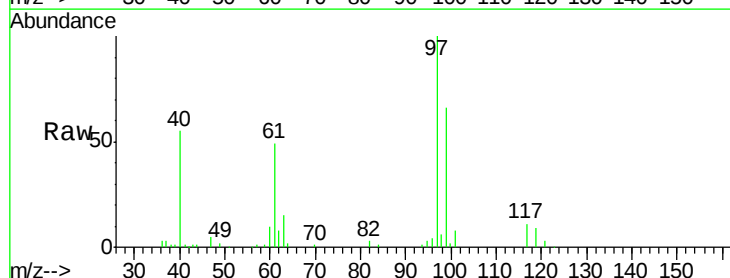
Tgt Ion: 97 Resp: 105814

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

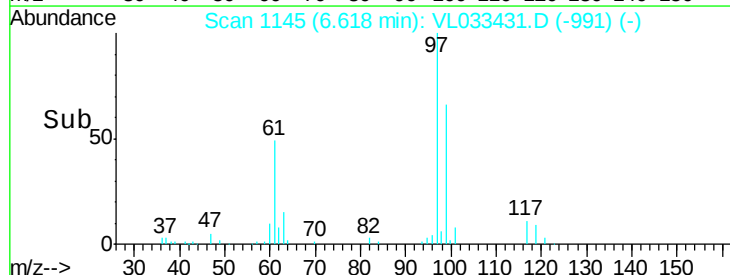
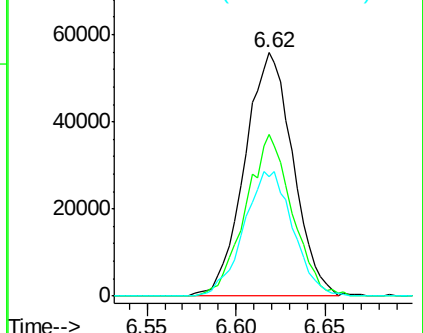
61 52.0 39.3 58.9

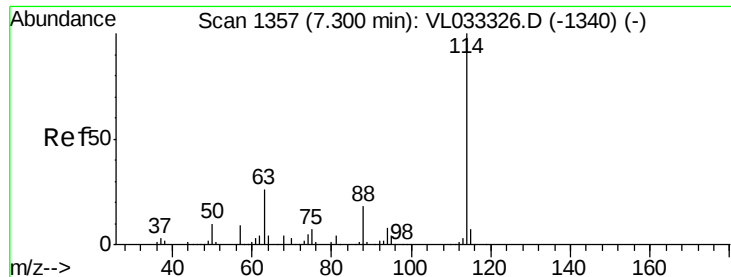


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

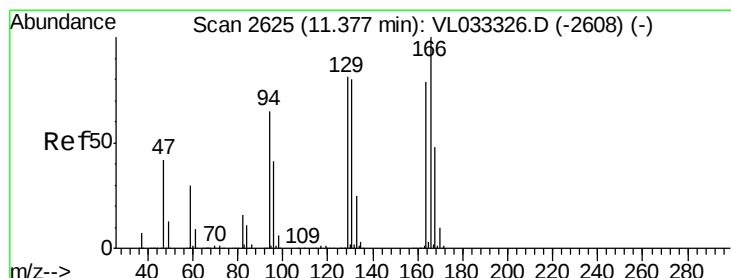
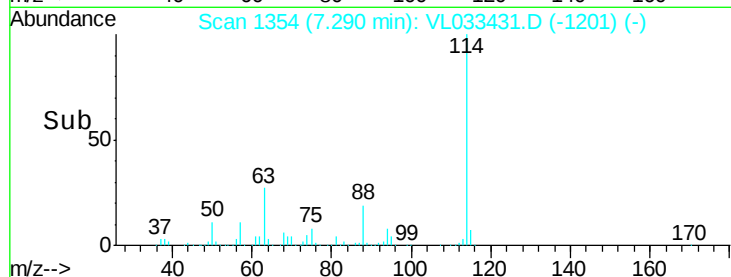
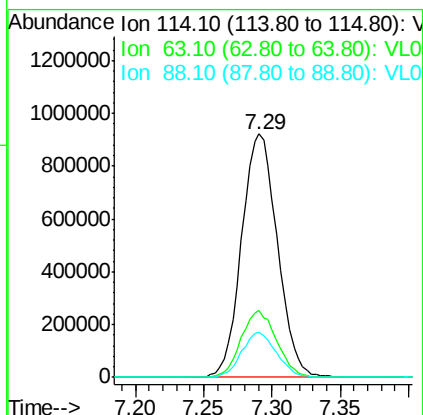
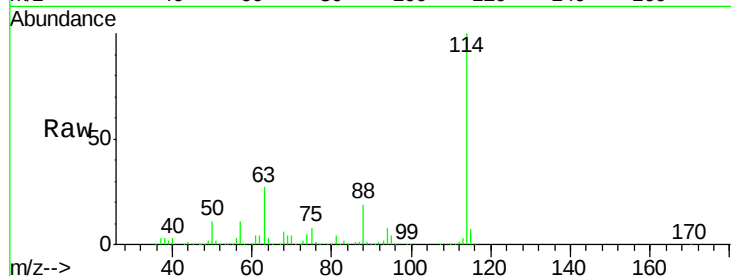




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: VL033431.D
 Acq: 22 Mar 2019 13:31

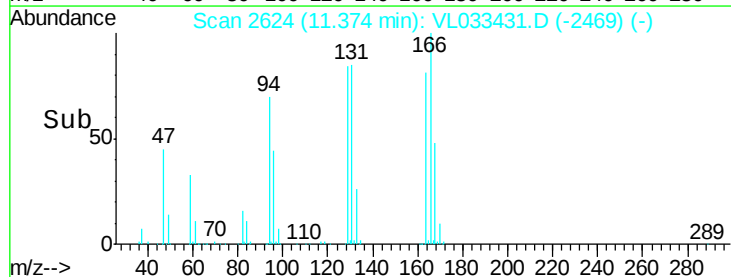
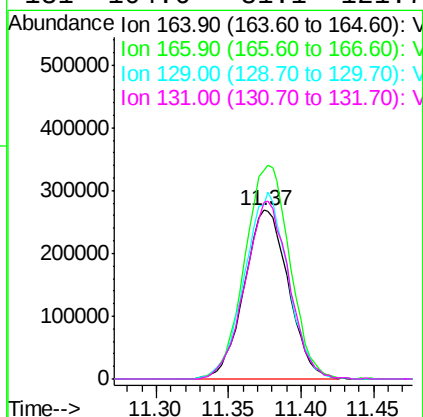
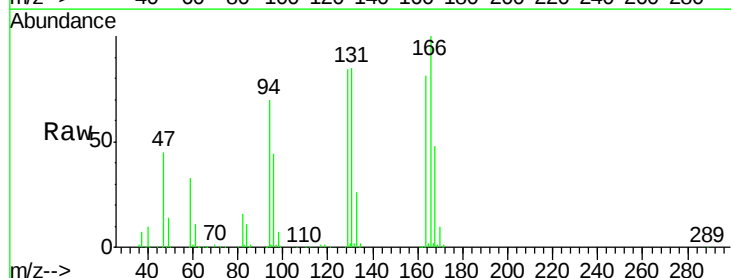
Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

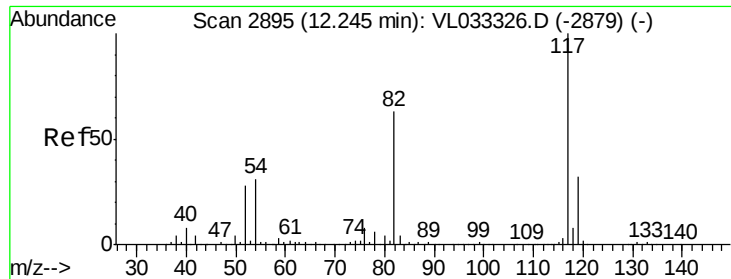
Tot Ion:114 Resp: 1679643
 Ion Ratio Lower Upper
 114 100
 63 27.1 21.4 32.2
 88 18.1 14.5 21.7



#52
 Tetrachloroethene
 Concen: 9.105 ppbv
 RT: 11.37 min Scan# 2624
 Delta R.T. -0.00 min
 Lab File: VL033431.D
 Acq: 22 Mar 2019 13:31

Tgt Ion:164 Resp: 570163
 Ion Ratio Lower Upper
 164 100
 166 123.3 101.5 152.3
 129 102.9 82.2 123.2
 131 104.6 81.1 121.7

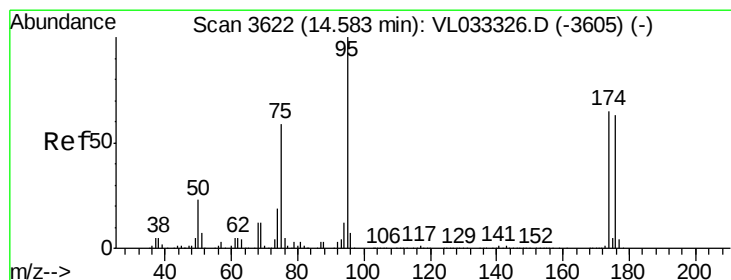
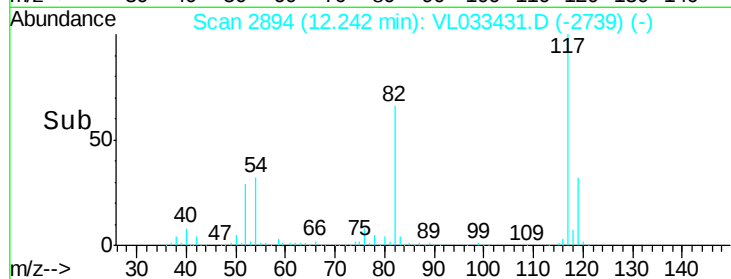
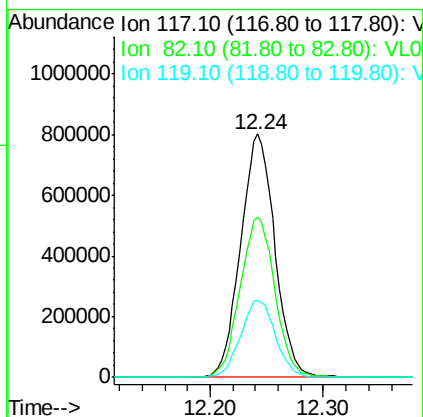
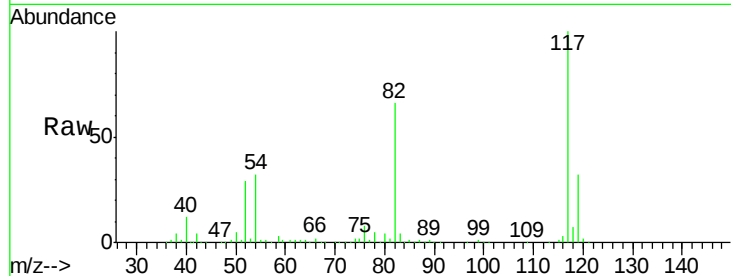




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL033431.D
Acq: 22 Mar 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tot Ion:117 Resp: 1686594
Ion Ratio Lower Upper
117 100
82 67.3 53.4 80.2
119 32.5 27.3 40.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.584 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. 0.00 min
Lab File: VL033431.D
Acq: 22 Mar 2019 13:31

Tgt Ion: 95 Resp: 1322707
Ion Ratio Lower Upper
95 100
174 65.2 51.5 77.3
175 4.8 3.8 5.6

