

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031519\
 Data File : VL033356.D
 Acq On : 16 Mar 2019 7:42
 Operator : SY/AP
 Sample : K1805-01DL2 800X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-SS-2DL2

Manual Integrations
 APPROVED

MMDadoda
 3/19/2019 10:01:55 AM

Quant Time: Mar 18 07:58:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 18 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	713228	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1555449	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1739715	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1345215	10.44	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.40%
Target Compounds						
38) Trichloroethene	7.96	130	23373m	0.444	ppbv	Ovalue
52) Tetrachloroethene	11.38	164	280011	4.828	ppbv	98

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

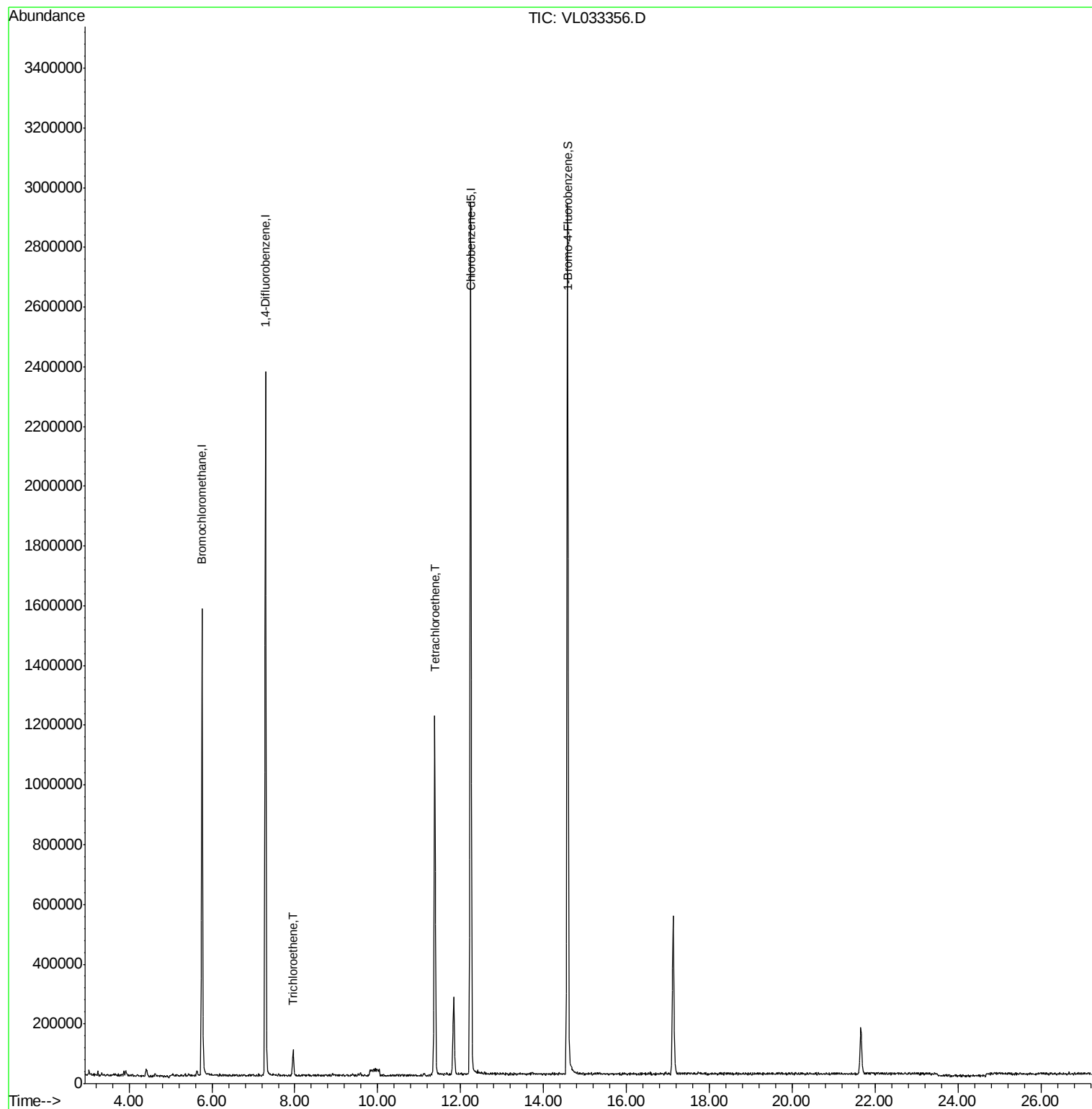
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031519\
Data File : VL033356.D
Acq On : 16 Mar 2019 7:42
Operator : SY/AP
Sample : K1805-01DL2 800X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

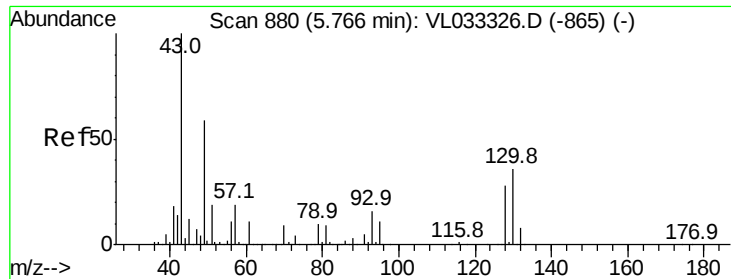
Instrument :
MSVOA_L
ClientSampleId :
ST-SS-2DL2

Manual Integrations
APPROVED

MMDadoda
3/19/2019 10:01:55 AM

Quant Time: Mar 18 07:58:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.01 min

Lab File: VL033356.D

Acq: 16 Mar 2019 7:42

Instrument :

MSVOA_L

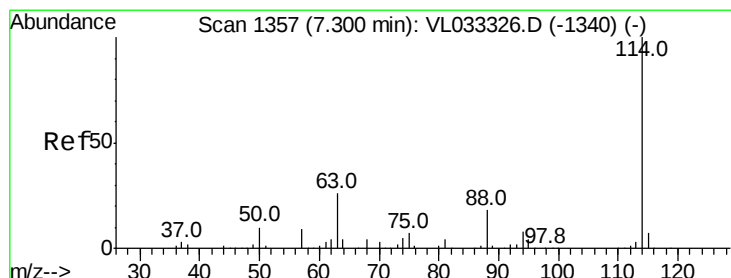
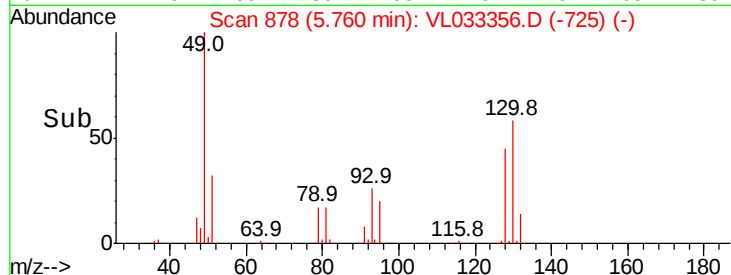
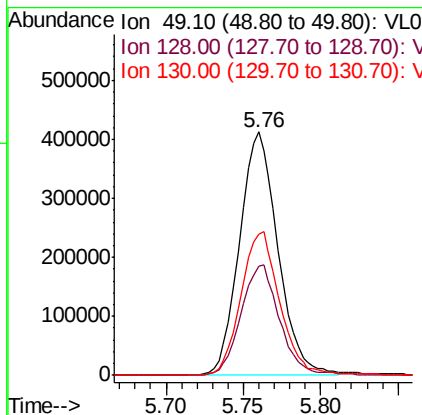
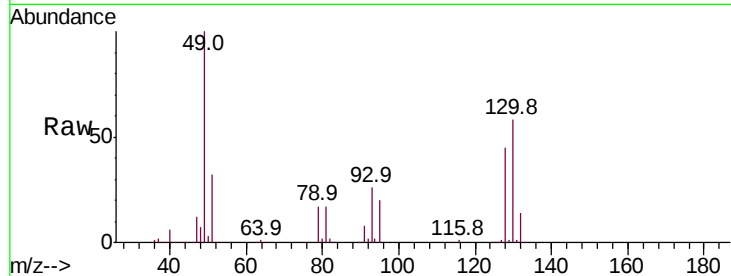
ClientSampled :

ST-SS-2DL2

Tot Ion:	49	Resp:	713228
Ion Ratio	Lower	Upper	
49	100		
128	46.1	23.5	70.6
130	60.2	30.1	90.3

Manual Integrations
APPROVED

MMDadoda
3/19/2019 10:01:55 AM



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

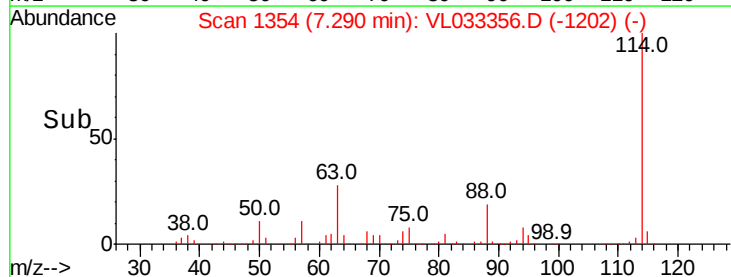
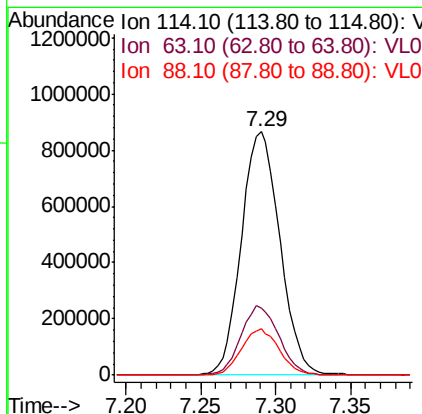
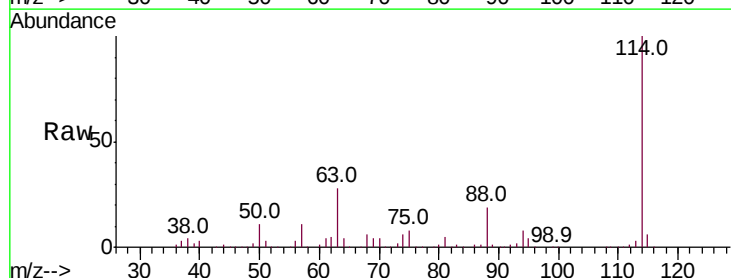
RT: 7.29 min Scan# 1354

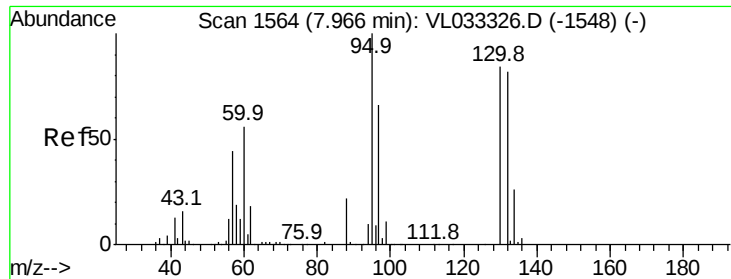
Delta R.T. -0.01 min

Lab File: VL033356.D

Acq: 16 Mar 2019 7:42

Tgt Ion:	114	Resp:	1555449
Ion Ratio	Lower	Upper	
114	100		
63	28.2	21.4	32.2
88	18.6	14.5	21.7





#38

Trichloroethene

Concen: 0.444 ppbv m

RT: 7.96 min Scan# 1561

Delta R.T. -0.01 min

Lab File: VL033356.D

Acq: 16 Mar 2019 7:42

Instrument :

MSVOA_L

ClientSampleId :

ST-SS-2DL2

Tot Ion:130 Resp: 23373

Ion Ratio Lower Upper

130 100

95 96.9 95.2 142.8

132 85.2 77.7 116.5

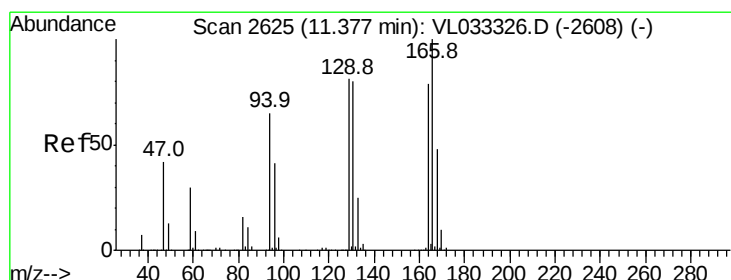
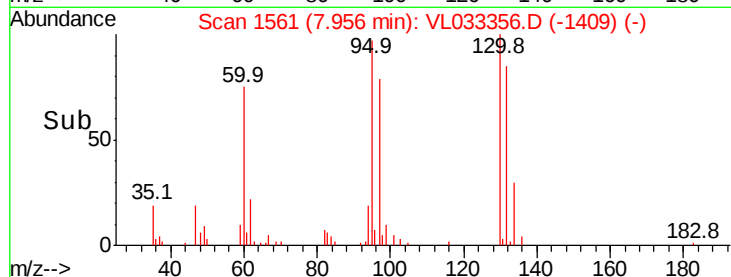
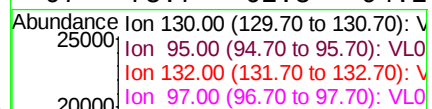
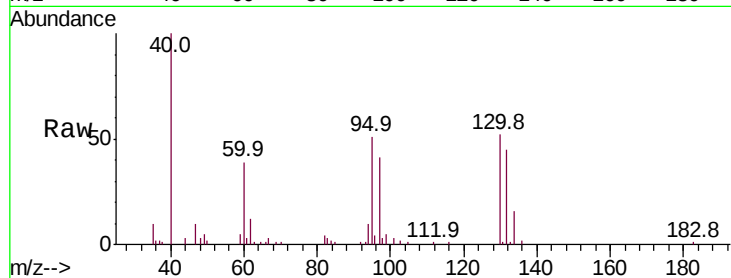
97 78.7 62.8 94.2

Manual Integrations

APPROVED

MMDadoda

3/19/2019 10:01:55 AM



#52

Tetrachloroethene

Concen: 4.828 ppbv

RT: 11.38 min Scan# 2625

Delta R.T. -0.00 min

Lab File: VL033356.D

Acq: 16 Mar 2019 7:42

Tgt Ion:164 Resp: 280011

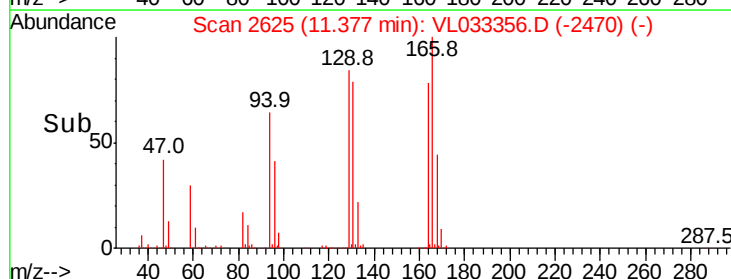
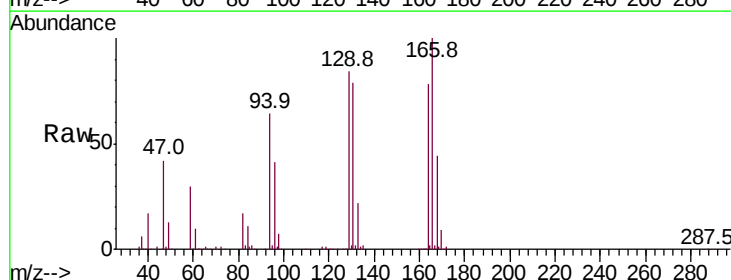
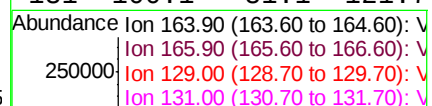
Ion Ratio Lower Upper

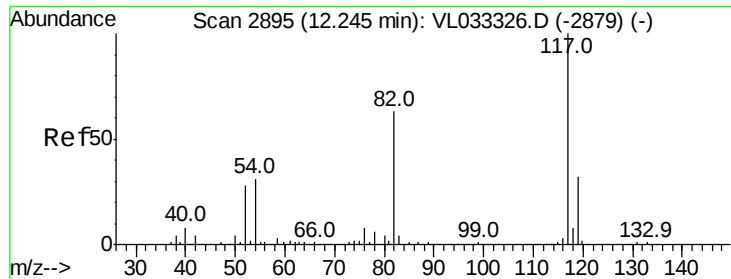
164 100

166 127.2 101.5 152.3

129 107.5 82.2 123.2

131 100.1 81.1 121.7





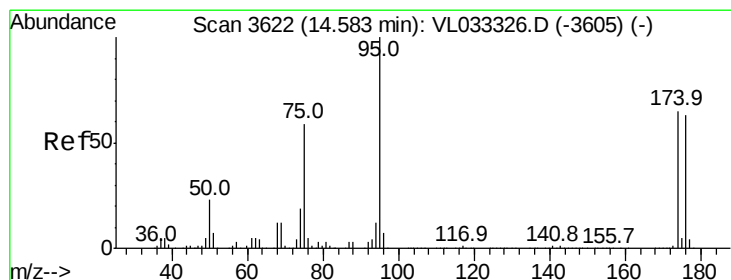
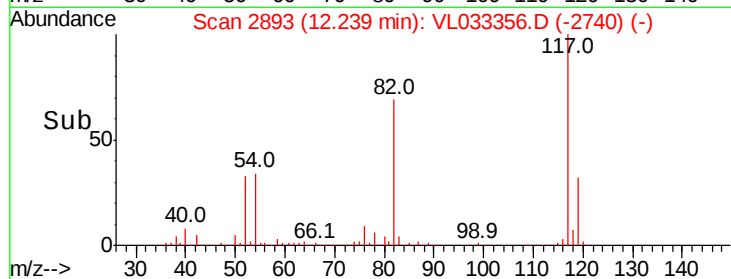
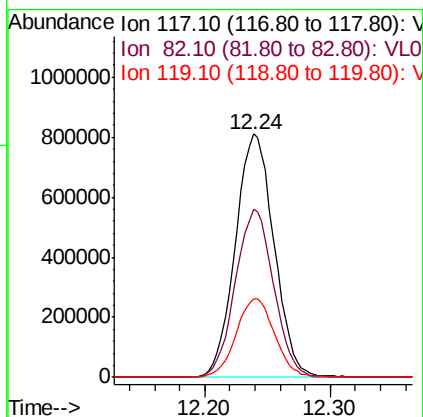
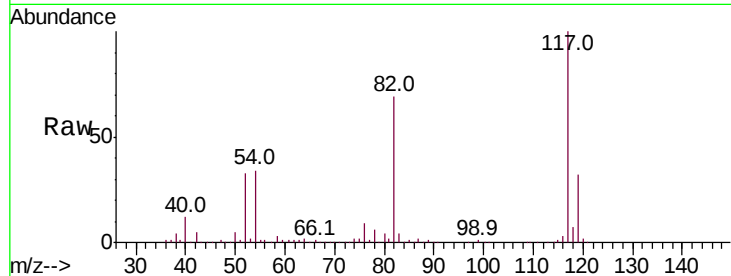
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033356.D
Acq: 16 Mar 2019 7:42

Instrument :
MSVOA_L
ClientSampled :
ST-SS-2DL2

Tot Ion:117 Resp: 1739715
Ion Ratio Lower Upper
117 100
82 68.8 53.4 80.2
119 32.4 27.3 40.9

Manual Integrations
APPROVED

MMDadoda
3/19/2019 10:01:55 AM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.435 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033356.D
Acq: 16 Mar 2019 7:42

Tgt Ion: 95 Resp: 1345215
Ion Ratio Lower Upper
95 100
174 63.7 51.5 77.3
175 4.4 3.8 5.6

