

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL050318\
Data File : VL031985.D
Acq On : 4 May 2018 6:03
Operator : SY/AP
Sample : J2629-03DL2 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG3DL2

Manual Integrations
APPROVED

MMDadoda
5/4/2018 5:01:21 PM

Quant Time: May 04 07:02:18 2018
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 03 15:52:13 2018
QLast Update : Thu May 03 15:52:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.88	49	1187188	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2386119	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2377078	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.72	95	1890734	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

Target Compounds					Ovalue
13) Ethanol	3.75	45	7350m	0.48	ppbv
15) Acetone	4.01	43	36306m	0.22	ppbv

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

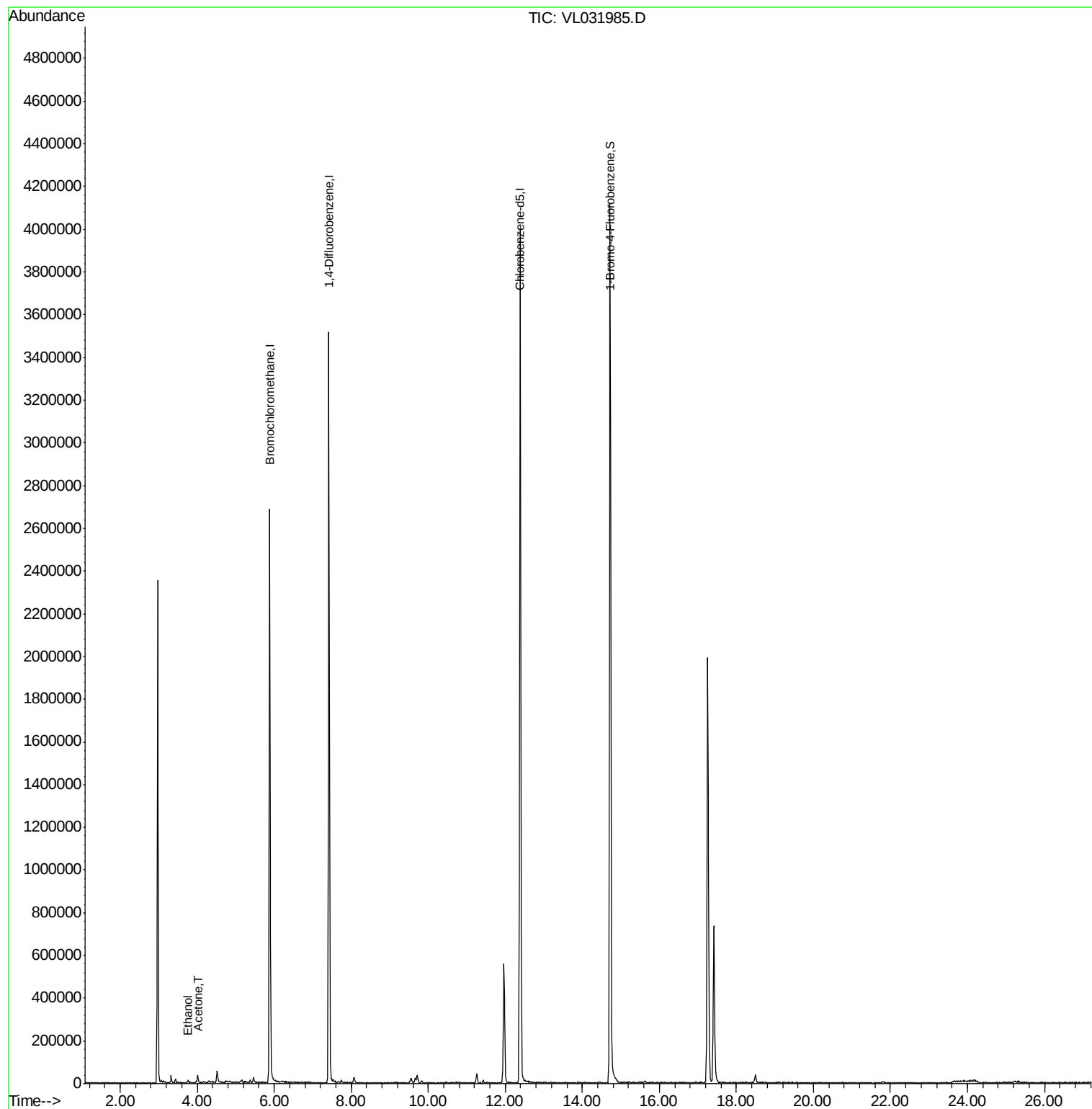
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL050318\
Data File : VL031985.D
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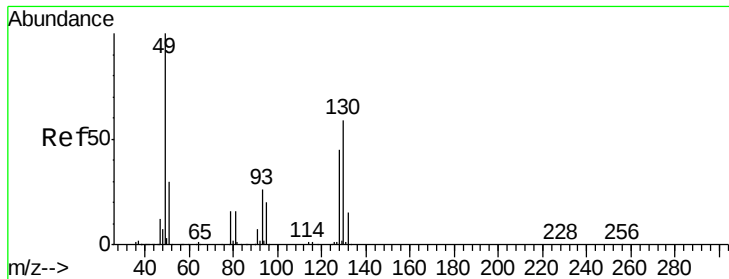
Instrument :
MSVOA_L
ClientSampleId :
SG3DL2

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QLast Update : Thu May 03 15:52:13 2018
Response via : Initial Calibration





#1

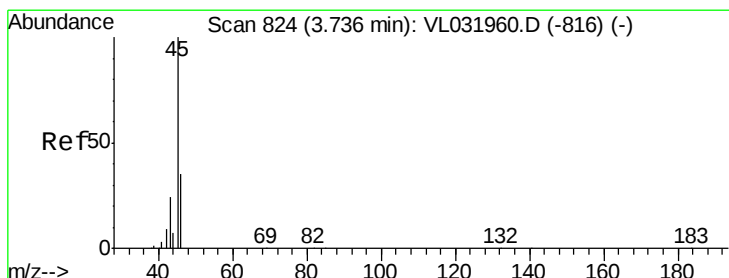
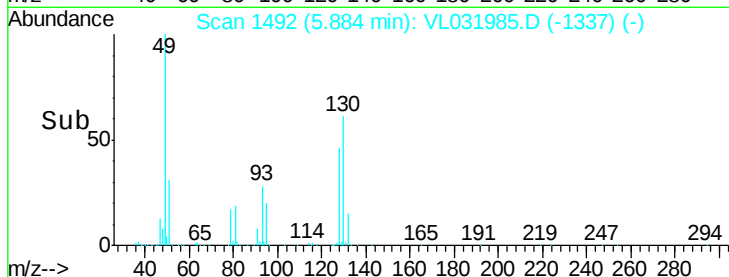
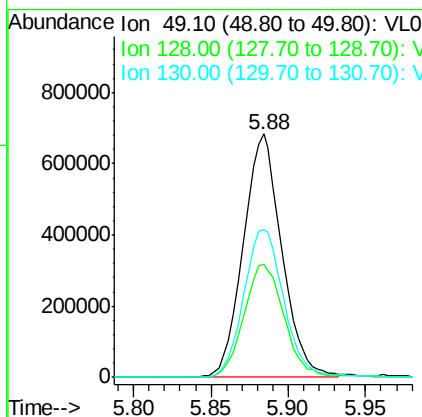
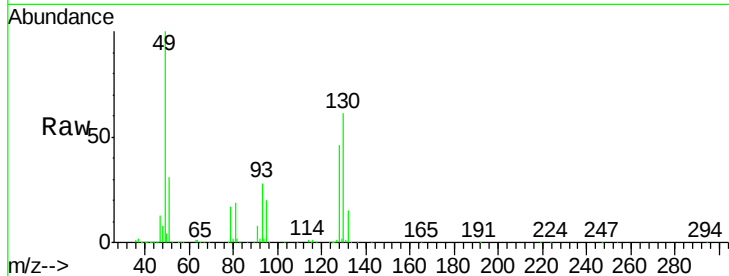
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.88 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VL031985.D
 Acq: 4 May 2018 6:03

Instrument :
 MSVOA_L
 ClientSampled :
 SG3DL2

Tot Ion	Ratio	Lower	Upper
49	100		
128	48.7	24.1	72.3
130	63.8	30.7	92.1

Manual Integrations
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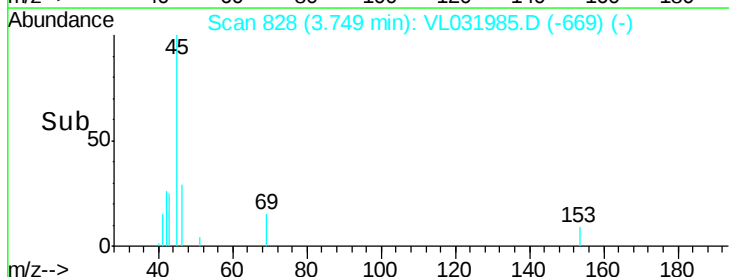
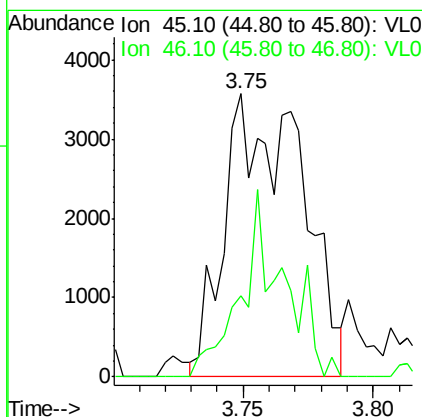
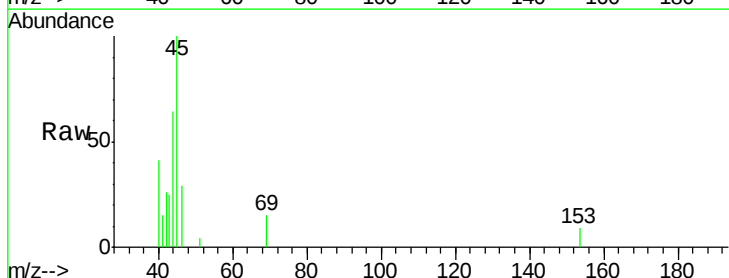
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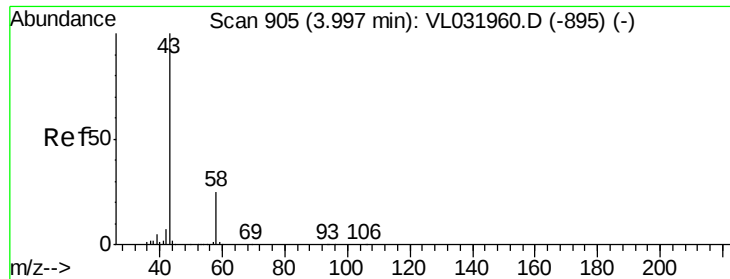


#13

Ethanol
 Concen: 0.48 ppbv m
 RT: 3.75 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: VL031985.D
 Acq: 4 May 2018 6:03

Tgt Ion	Ratio	Lower	Upper
45	100		
46	0.0	0.0	0.0





#15

Acetone

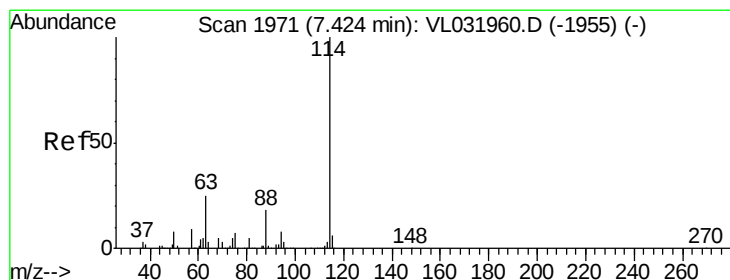
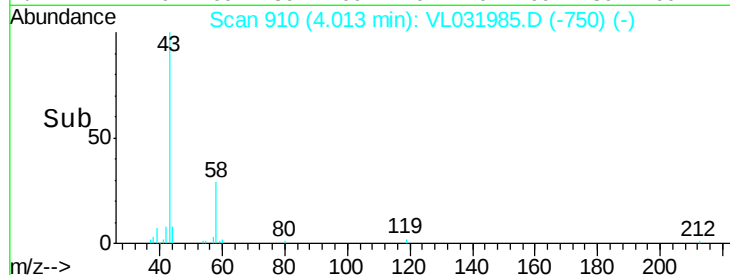
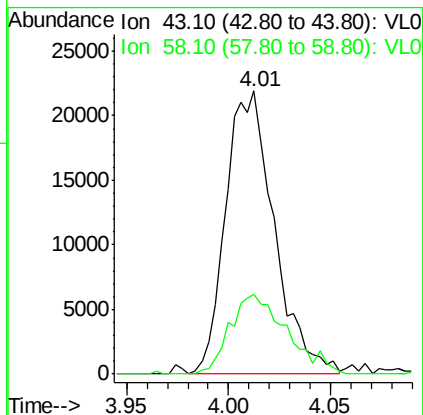
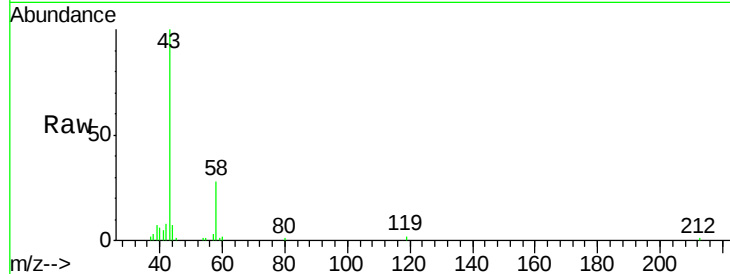
Concen: 0.22 ppbv m
RT: 4.01 min Scan# 910
Delta R.T. 0.02 min
Lab File: VL031985.D
Acq: 4 May 2018 6:03

Instrument :
MSVOA_L
ClientSampleId :
SG3DL2

Tot Ion: 43 Resp: 36306
Ion Ratio Lower Upper
43 100
58 0.0 21.1 31.7#

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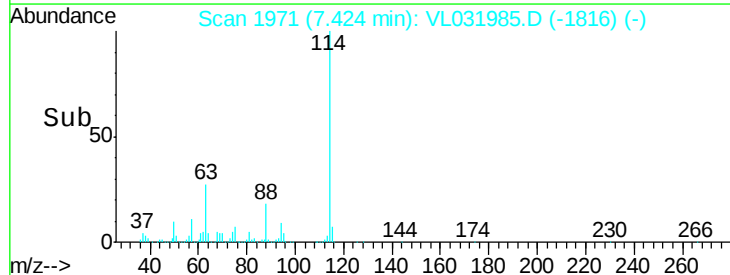
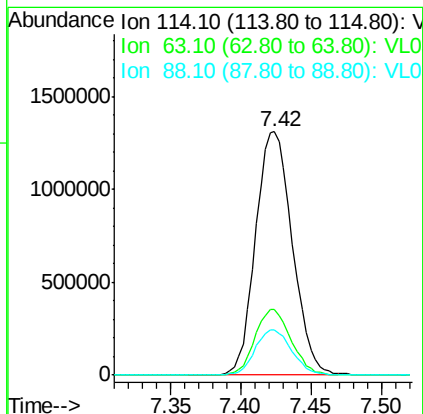
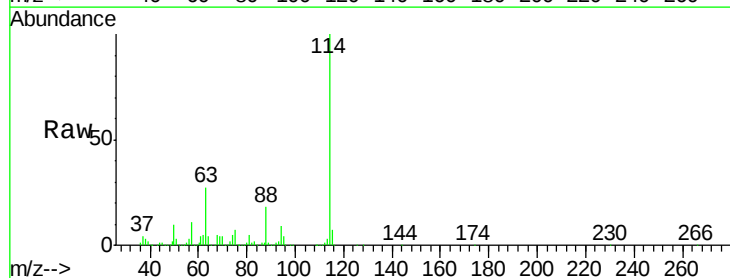


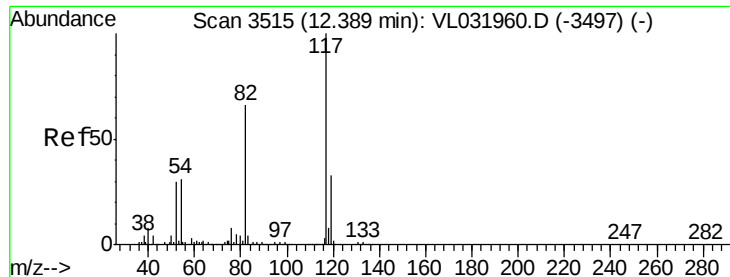
#33

1,4-Difluorobenzene

Concen: 10.00 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VL031985.D
Acq: 4 May 2018 6:03

Tgt Ion: 114 Resp: 2386119
Ion Ratio Lower Upper
114 100
63 26.7 20.8 31.2
88 18.6 14.6 21.8





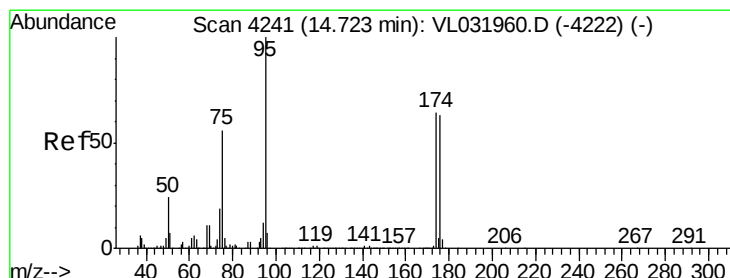
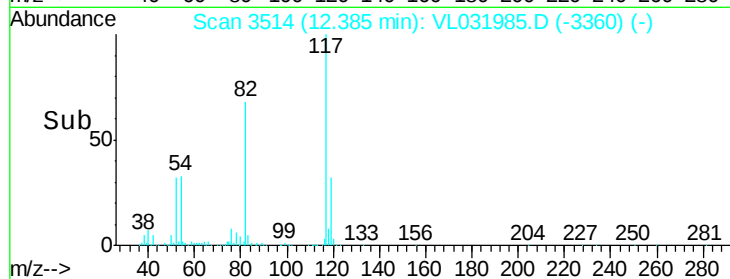
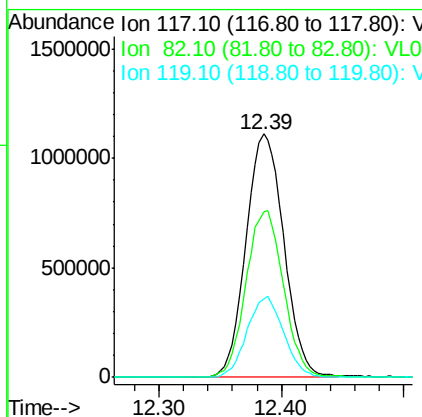
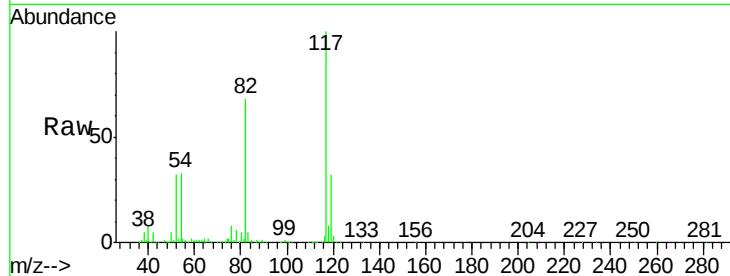
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VL031985.D
Acq: 4 May 2018 6:03

Instrument :
MSVOA_L
ClientSampled :
SG3DL2

Tot Ion:117 Resp: 2377078
Ion Ratio Lower Upper
117 100
82 68.0 51.6 77.4
119 32.4 44.2 66.4#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.26 ppbv
RT: 14.72 min Scan# 4241
Delta R.T. -0.00 min
Lab File: VL031985.D
Acq: 4 May 2018 6:03

Tgt Ion: 95 Resp: 1890734
Ion Ratio Lower Upper
95 100
174 65.6 53.0 79.6
175 4.8 3.9 5.9

