

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071818\
 Data File : VL032269.D
 Acq On : 18 Jul 2018 20:28
 Operator : SY/AP
 Sample : OC070918 CAN 10656
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC070918 CAN 10656

Quant Time: Jul 19 02:13:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 18 14:38:53 2018
 QLast Update : Wed Jul 18 14:38:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1702918	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3606300	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	4243865	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3415011	9.92	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

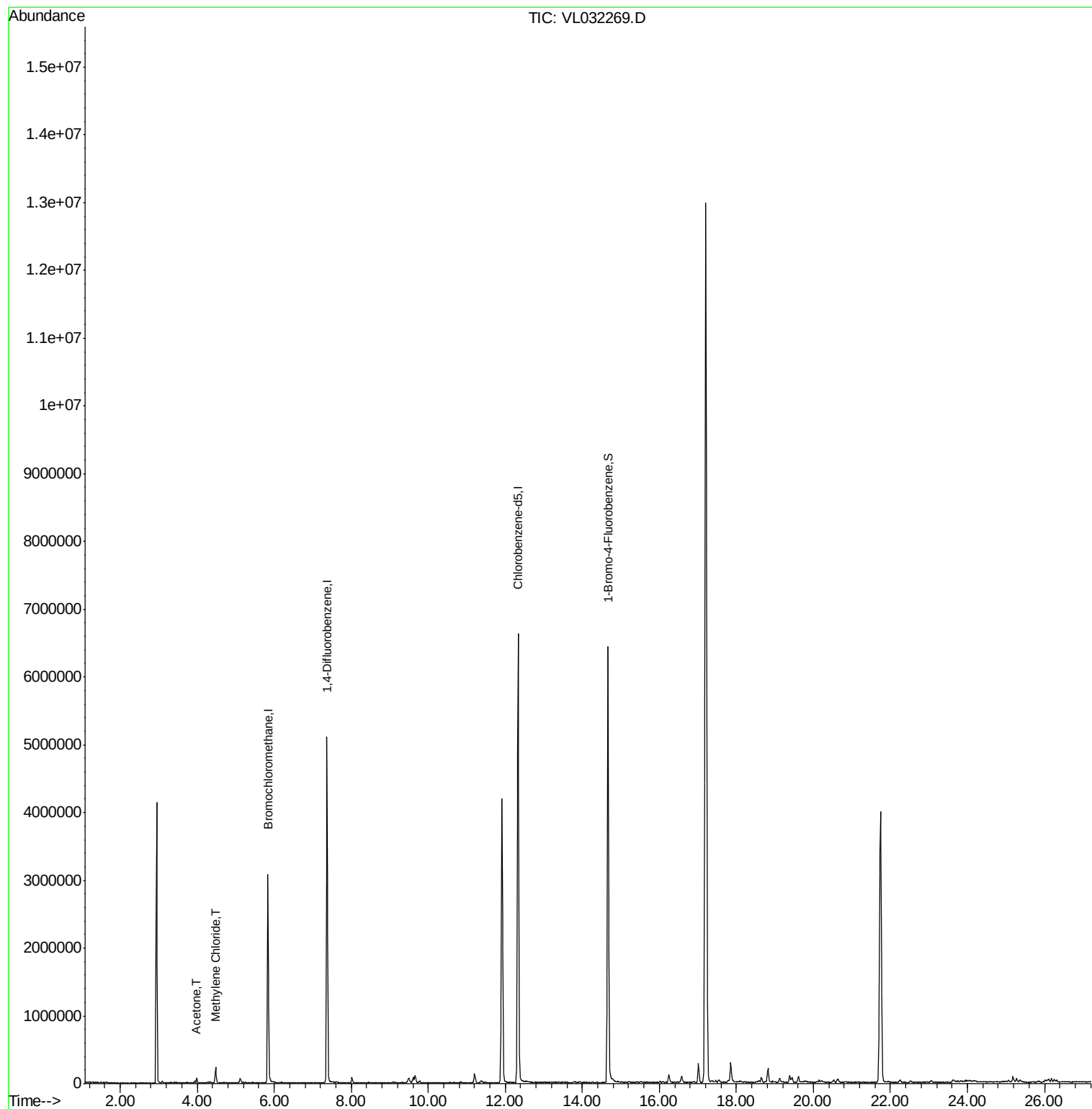
Target Compounds					Ovalue
15) Acetone	3.99	43	64846	0.36	ppbv 90
20) Methylene Chloride	4.48	84	82201	1.20	ppbv 97

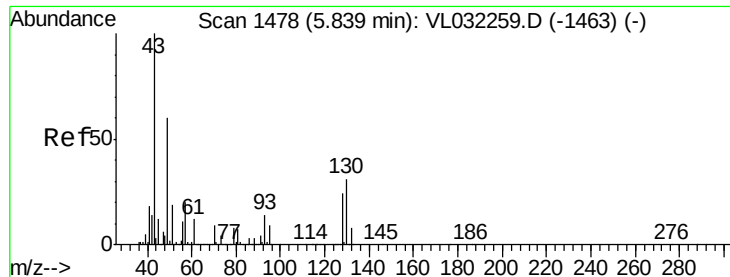
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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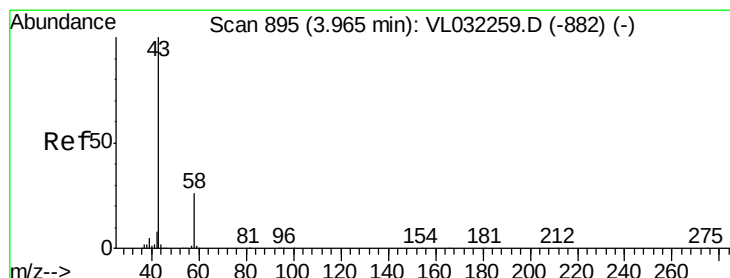
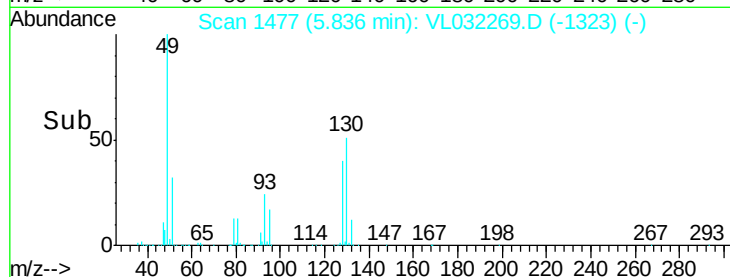
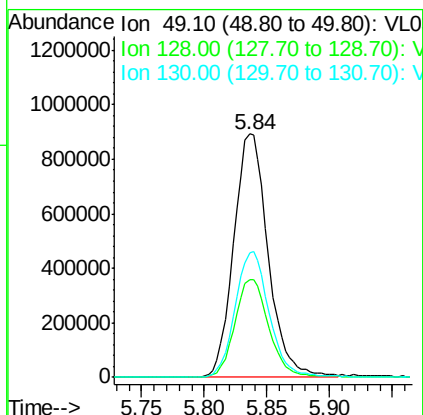
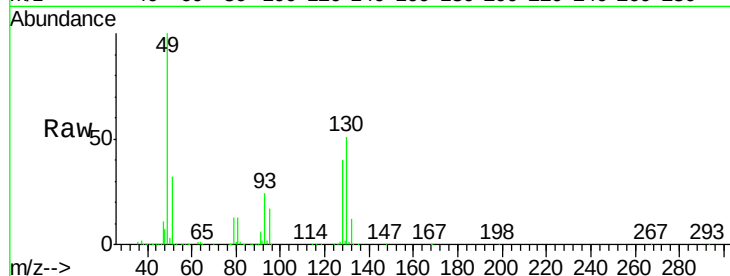




#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.84 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: VL032269.D
 Acq: 18 Jul 2018 20:28

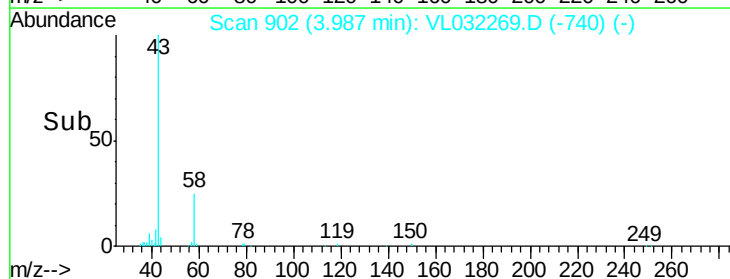
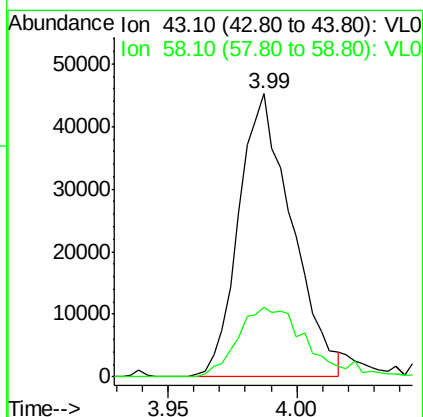
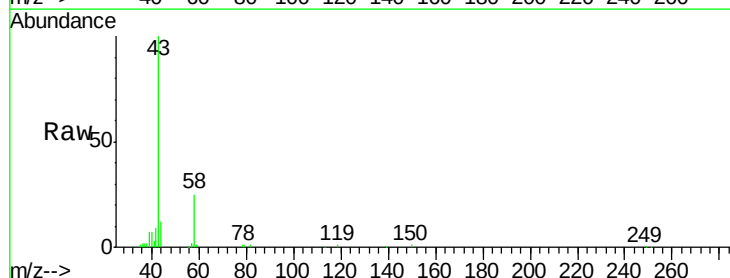
Instrument :
 MSVOA_L
 ClientSampleId :
 QC070918 CAN 10656

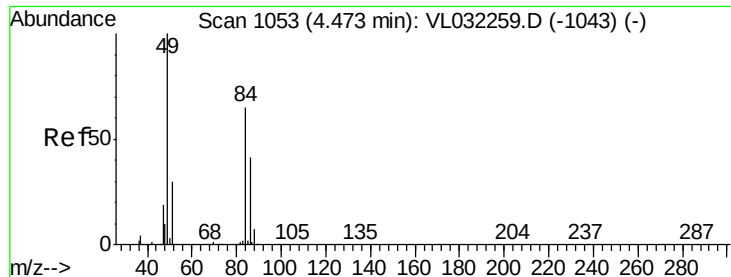
Tot Ion: 49 Resp: 1702918
 Ion Ratio Lower Upper
 49 100
 128 40.2 20.1 60.2
 130 51.5 25.9 77.6



#15
 Acetone
 Concen: 0.36 ppbv
 RT: 3.99 min Scan# 902
 Delta R.T. 0.02 min
 Lab File: VL032269.D
 Acq: 18 Jul 2018 20:28

Tgt Ion: 43 Resp: 64846
 Ion Ratio Lower Upper
 43 100
 58 32.6 21.8 32.6

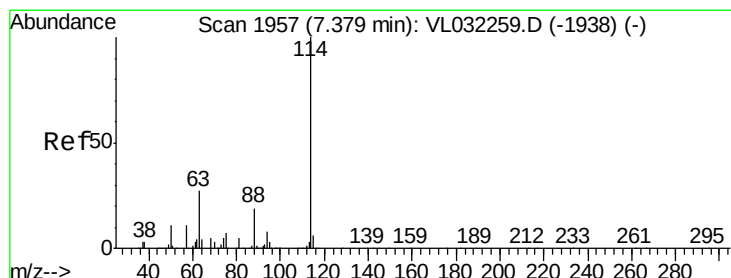
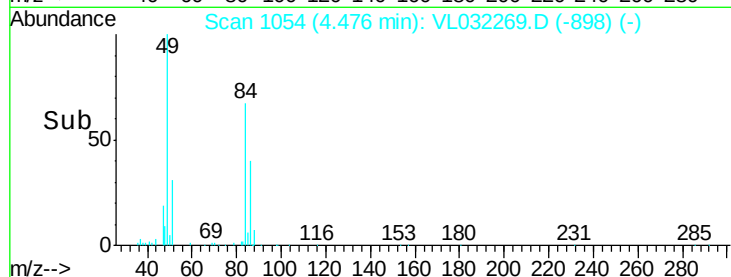
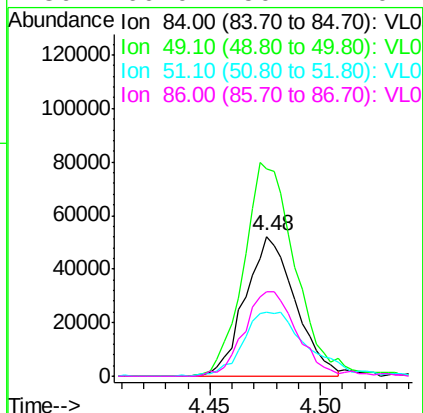
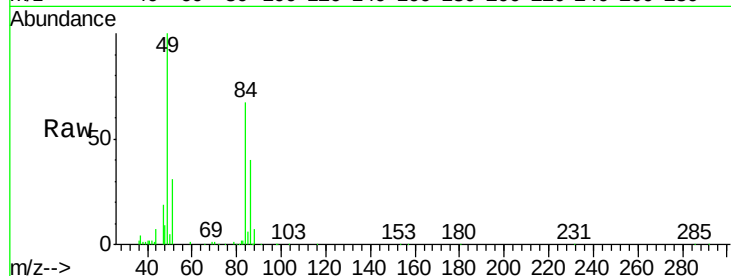




#20
Methylene Chloride
Concen: 1.20 ppbv
RT: 4.48 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

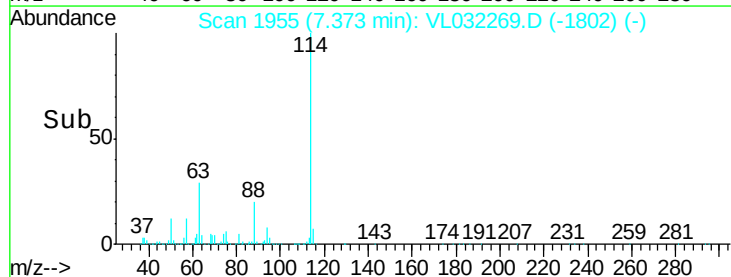
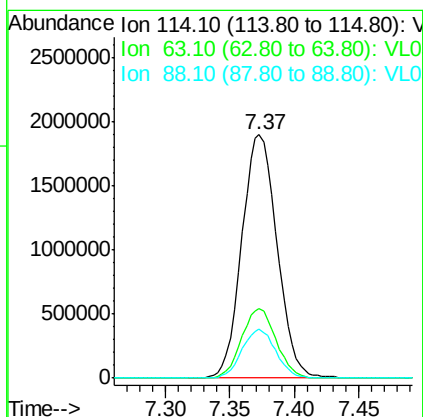
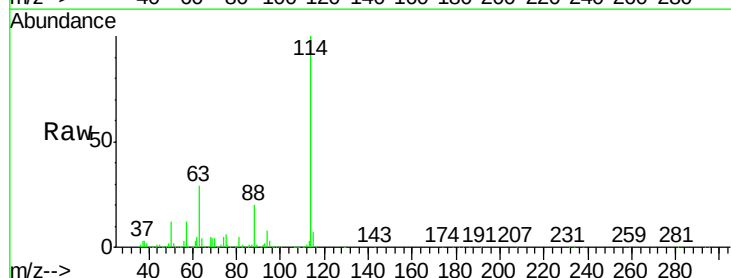
Instrument :
MSVOA_L
ClientSampleId :
QC070918 CAN 10656

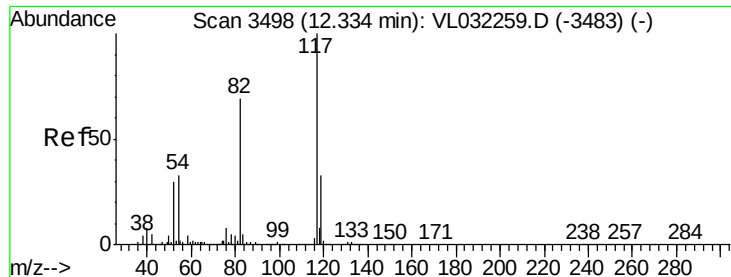
Tot Ion: 84 Resp: 82201
Ion Ratio Lower Upper
84 100
49 148.7 122.4 183.6
51 46.1 36.8 55.2
86 60.0 50.7 76.1



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.37 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Tgt Ion: 114 Resp: 3606300
Ion Ratio Lower Upper
114 100
63 28.2 22.6 33.8
88 19.4 15.2 22.8

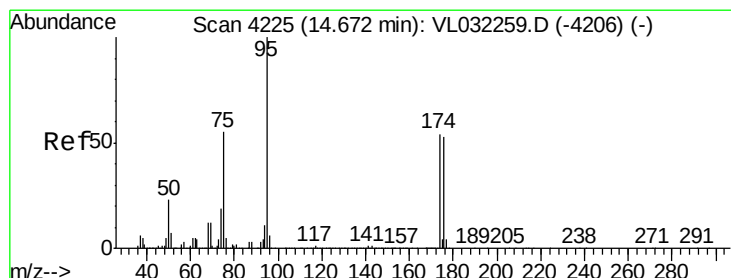
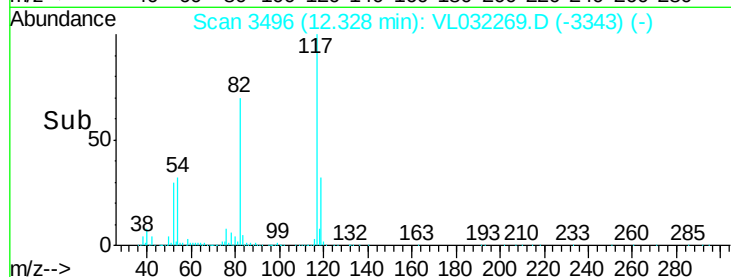
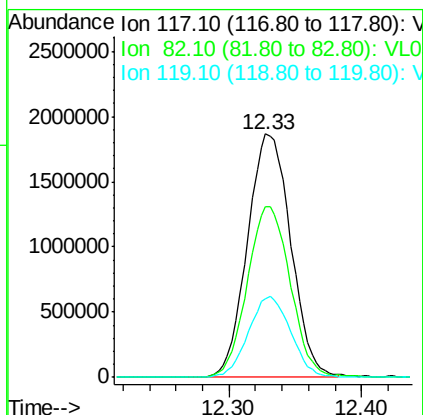
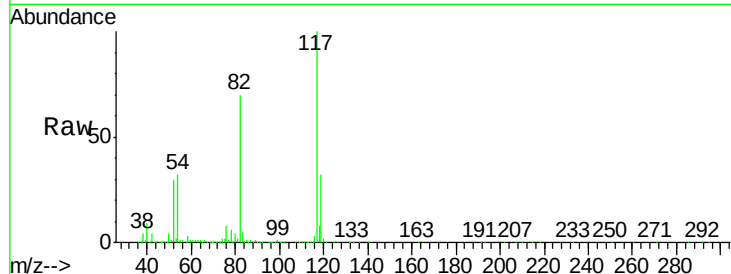




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.33 min Scan# 3496
Delta R.T. -0.01 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Instrument :
MSVOA_L
ClientSampleId :
QC070918 CAN 10656

Tot Ion:117 Resp: 4243865
Ion Ratio Lower Upper
117 100
82 70.0 53.9 80.9
119 32.7 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.92 ppbv
RT: 14.67 min Scan# 4224
Delta R.T. -0.00 min
Lab File: VL032269.D
Acq: 18 Jul 2018 20:28

Tgt Ion: 95 Resp: 3415011
Ion Ratio Lower Upper
95 100
174 55.7 44.3 66.5
175 4.0 3.3 4.9

