

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL100915\
 Data File : VL026180.D
 Acq On : 9 Oct 2015 17:33
 Operator : SY/MD
 Sample : VL1009ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1009ABL01

Quant Time: Oct 10 00:20:02 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL100915AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Oct 09 16:23:14 2015
 QLast Update : Fri Oct 09 16:23:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.67	49	905265	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	8.35	114	2387384	10.00	ppbv	0.01
55) Chlorobenzene-d5	13.77	117	2807421	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.32	95	2180321	10.12	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

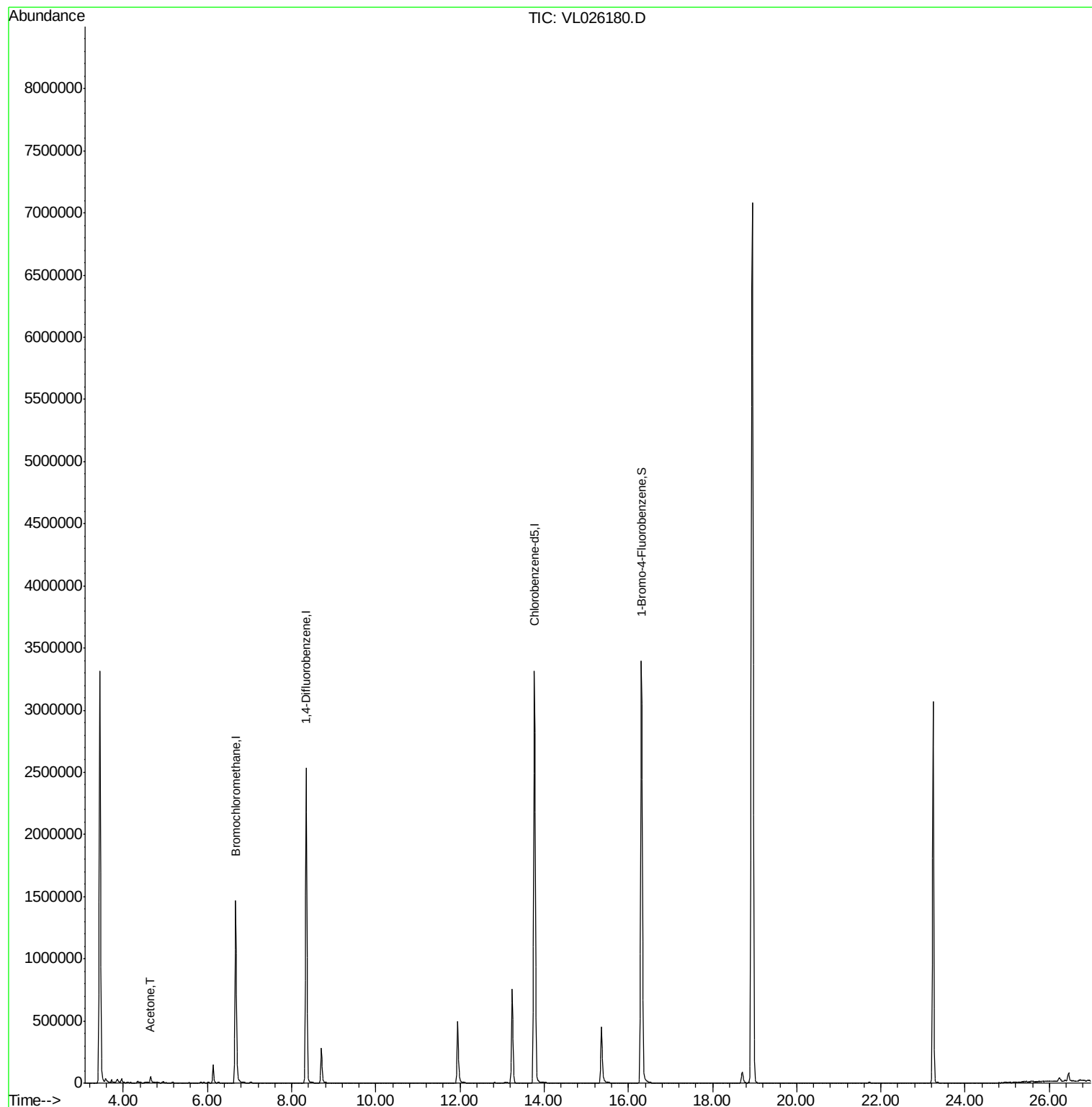
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	4.65	43	50019	0.43	ppbv	# 17

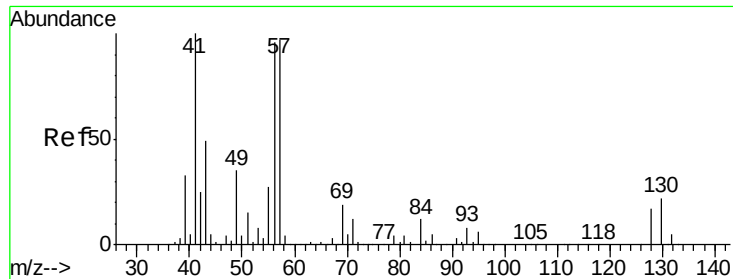
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.67 min Scan# 588

Delta R.T. 0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

VL1009ABL01

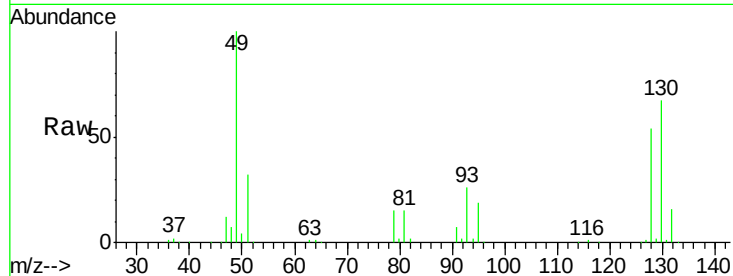
Tot Ion: 49 Resp: 905265

Ion Ratio Lower Upper

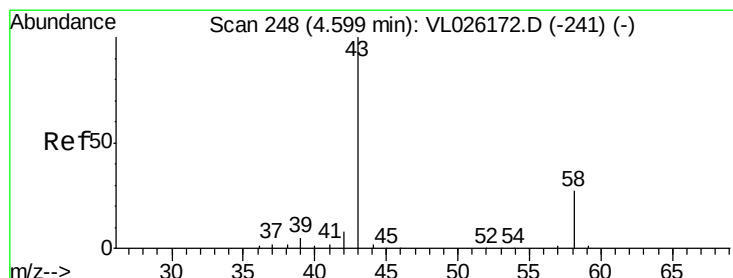
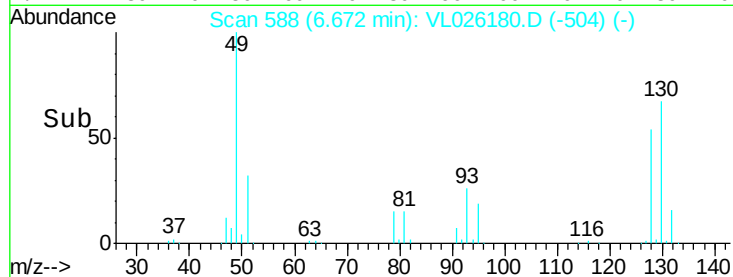
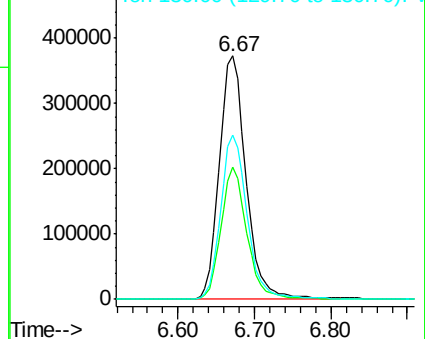
49 100

128 53.2 26.3 78.8

130 67.5 34.2 102.5



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: 0.43 ppbv

RT: 4.65 min Scan# 257

Delta R.T. 0.05 min

Lab File: VL026180.D

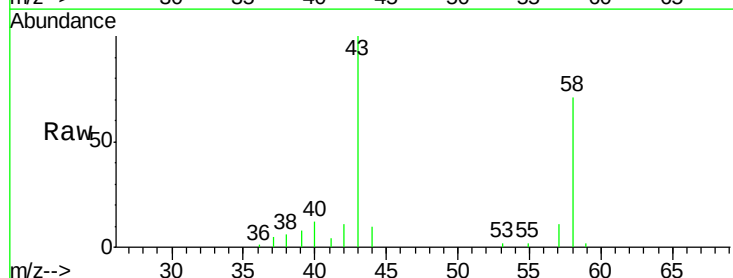
Acq: 9 Oct 2015 17:33

Tgt Ion: 43 Resp: 50019

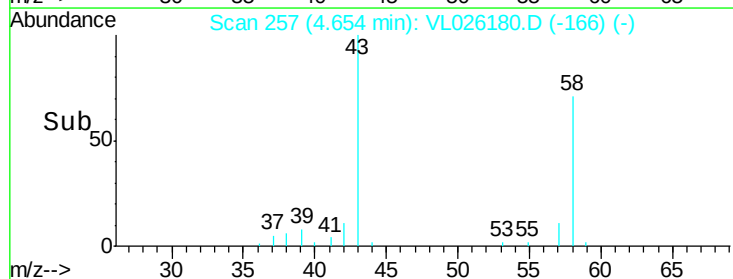
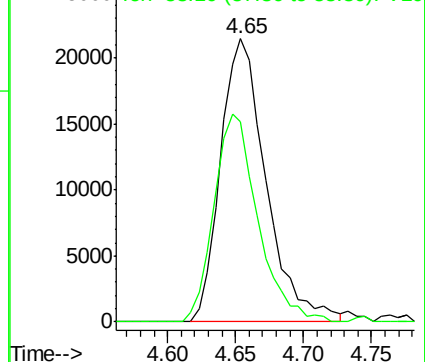
Ion Ratio Lower Upper

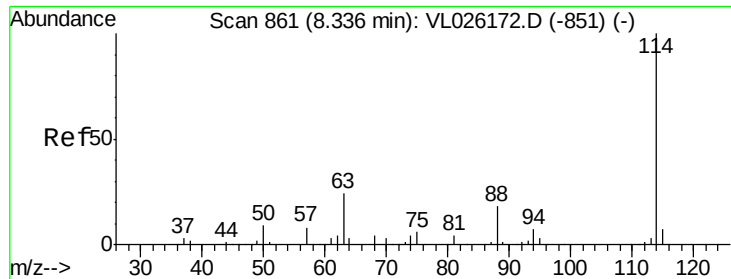
43 100

58 71.0 22.0 33.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0

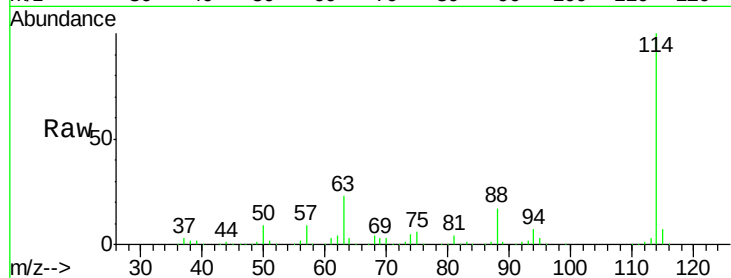




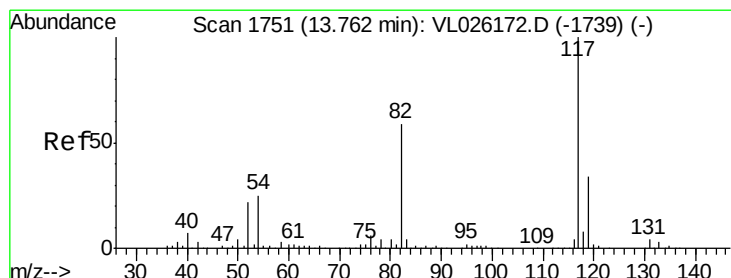
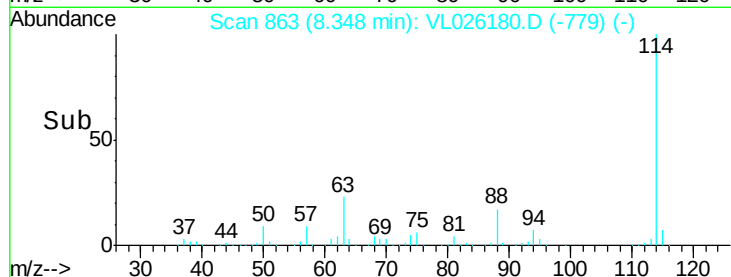
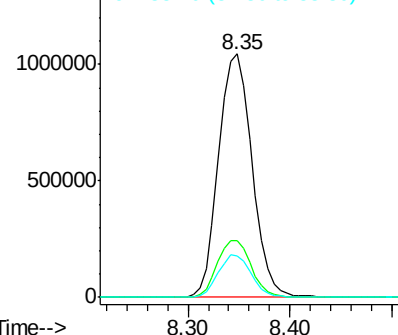
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.35 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VL026180.D
 Acq: 9 Oct 2015 17:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1009ABL01

Tot Ion:114 Resp: 2387384
 Ion Ratio Lower Upper
 114 100
 63 23.6 19.0 28.6
 88 17.2 13.8 20.8

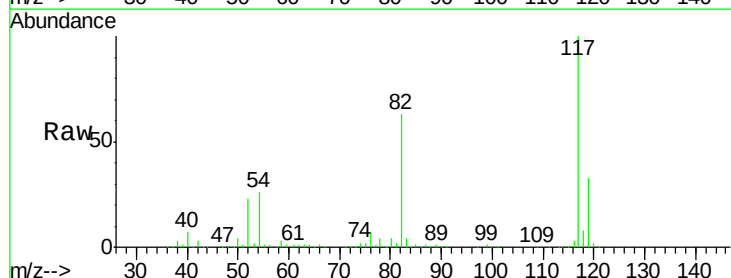


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

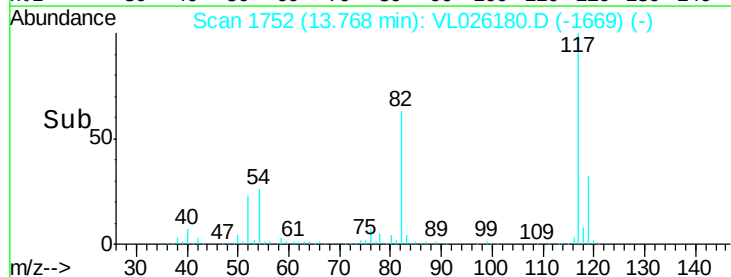
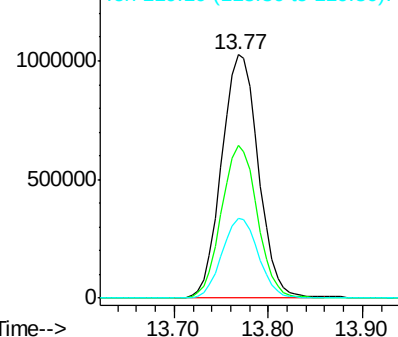


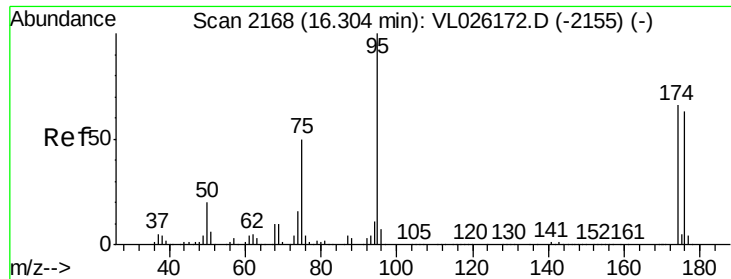
#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 13.77 min Scan# 1752
 Delta R.T. 0.01 min
 Lab File: VL026180.D
 Acq: 9 Oct 2015 17:33

Tgt Ion:117 Resp: 2807421
 Ion Ratio Lower Upper
 117 100
 82 62.1 47.7 71.5
 119 32.7 43.7 65.5#



Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.12 ppbv

RT: 16.32 min Scan# 2170

Delta R.T. 0.01 min

Lab File: VL026180.D

Acq: 9 Oct 2015 17:33

Instrument :

MSVOA_L

ClientSampleId :

VL1009ABL01

Tot Ion: 95 Resp: 2180321

Ion Ratio Lower Upper

95 100

174 65.0 52.2 78.4

175 4.8 3.9 5.9

