

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL102015\
 Data File : VL026213.D
 Acq On : 20 Oct 2015 15:21
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Oct 21 02:24:53 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102015AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Oct 20 20:24:48 2015
 QLast Update : Tue Oct 20 20:24:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.63	49	568907	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.31	114	1656488	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.72	117	1945475	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.26	95	1585608	10.57	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.70%

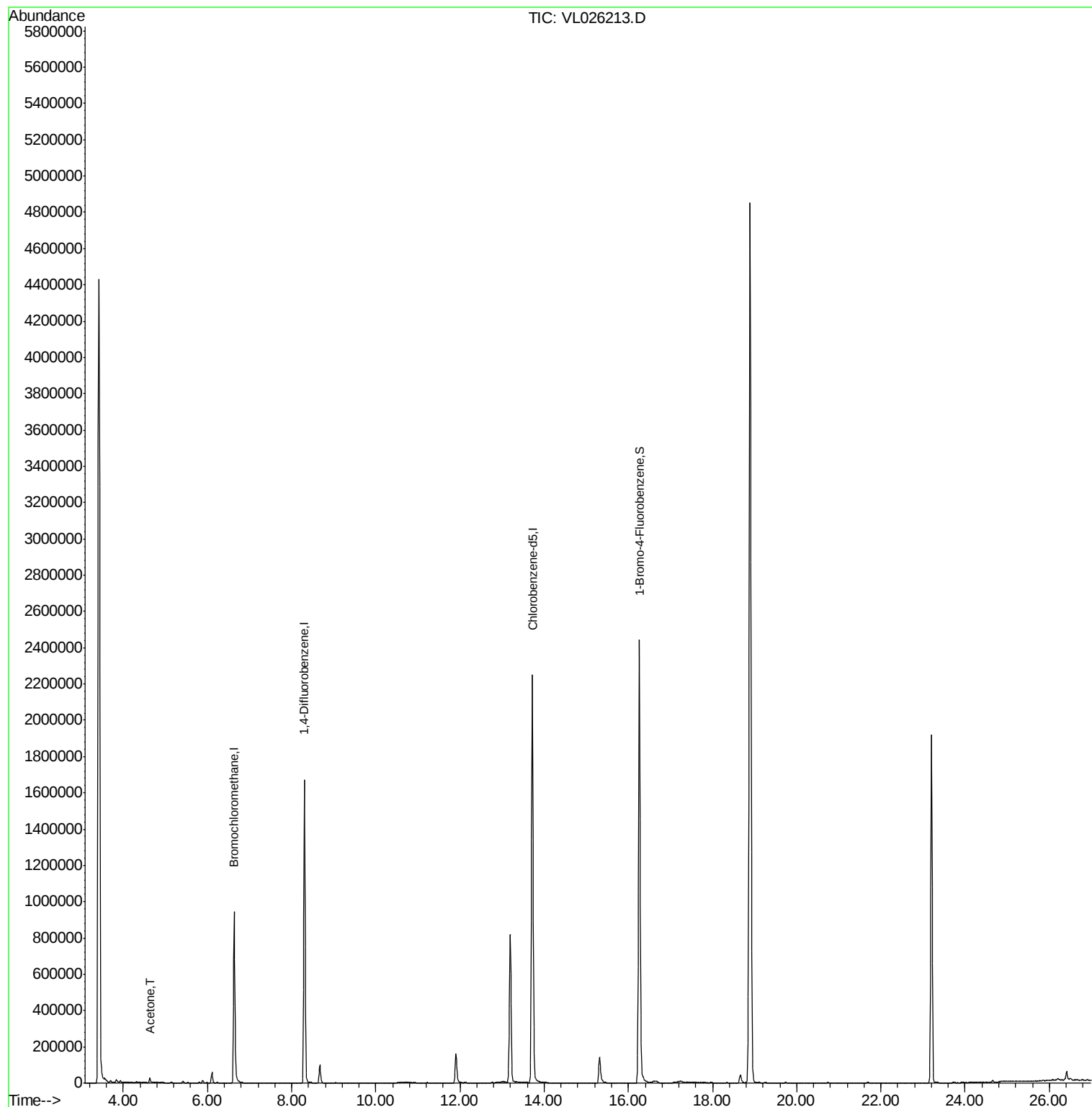
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	4.63	43	28397	0.34	ppbv	# 37

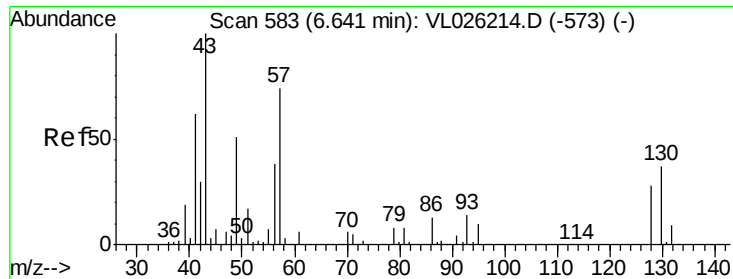
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 20 20:24:48 2015
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.63 min Scan# 582

Delta R.T. -0.01 min

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MSVOA_L

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VIBLK

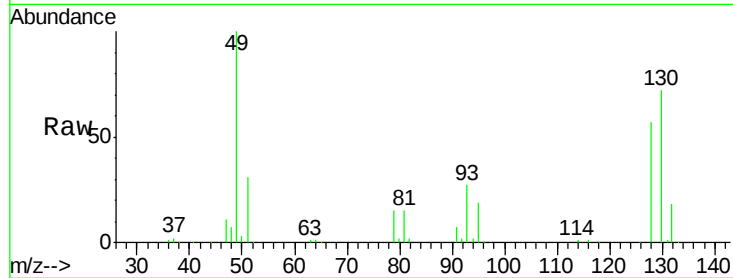
Tot Ion: 49 Resp: 568907

Ion Ratio Lower Upper

49 100

128 57.3 28.2 84.7

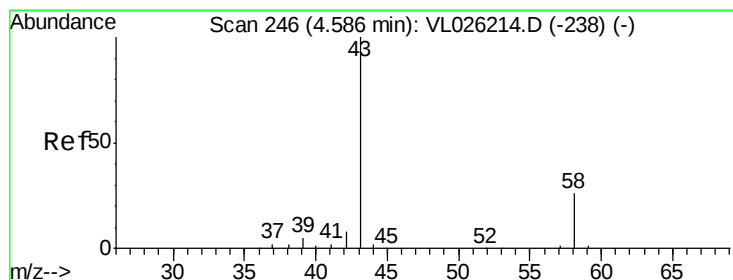
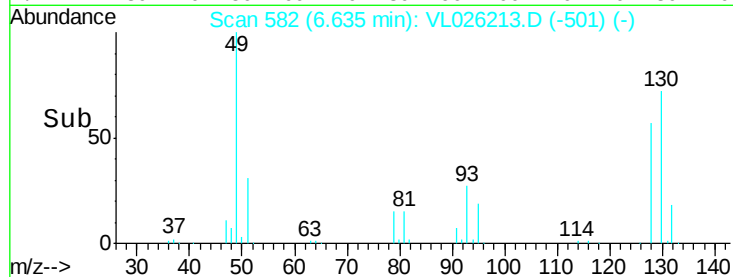
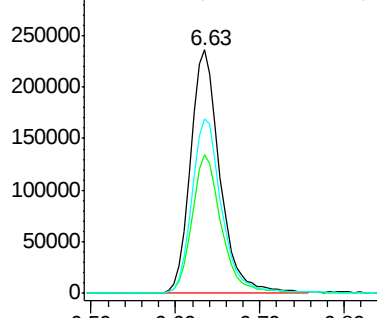
130 73.8 36.0 108.1



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: 0.34 ppbv

RT: 4.63 min Scan# 253

Delta R.T. 0.04 min

Lab File: VL026213.D

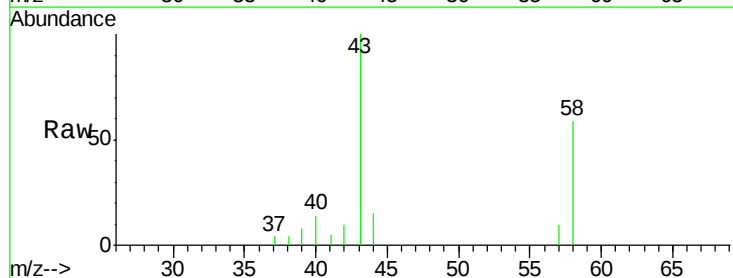
Acq: 20 Oct 2015 15:21

Tgt Ion: 43 Resp: 28397

Ion Ratio Lower Upper

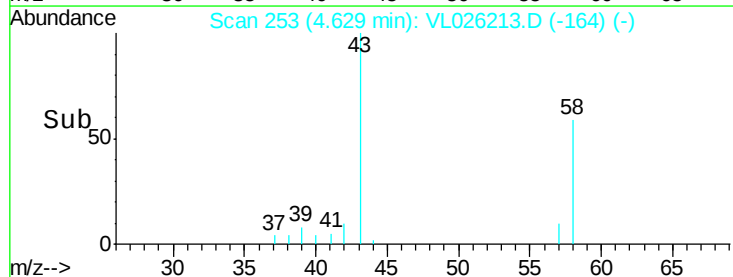
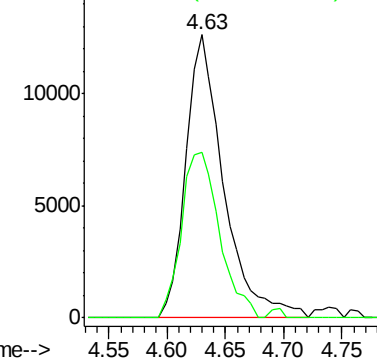
43 100

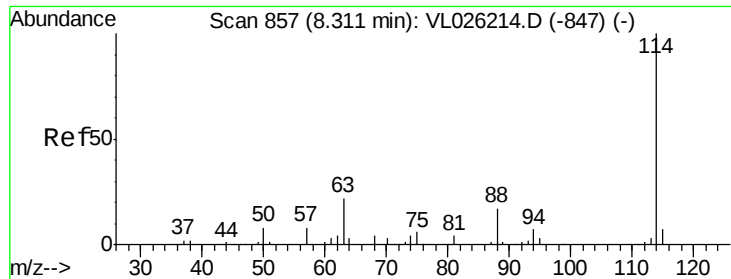
58 59.8 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

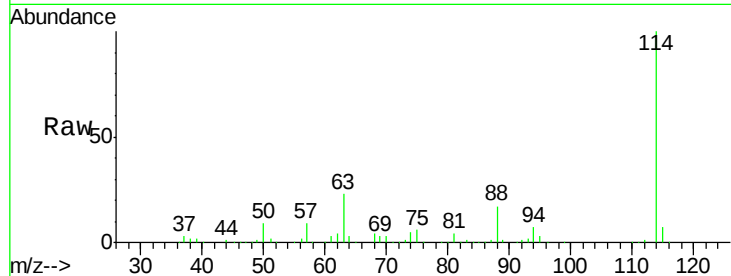




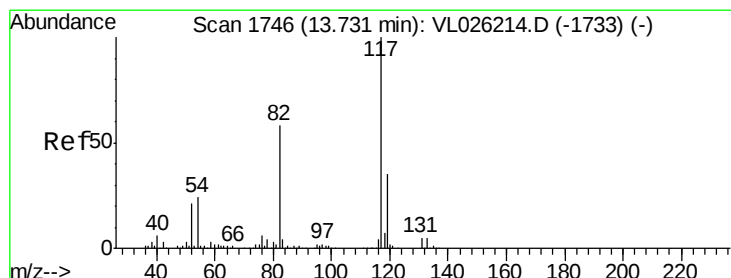
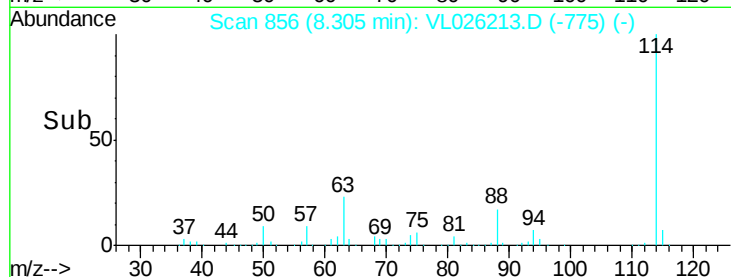
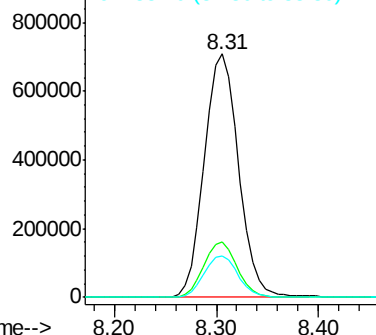
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.31 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VL026213.D
 Acq: 20 Oct 2015 15:21

Instrument :
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 VIBLK

Tot Ion:114 Resp: 1656488
 Ion Ratio Lower Upper
 114 100
 63 22.4 18.2 27.4
 88 17.0 13.5 20.3

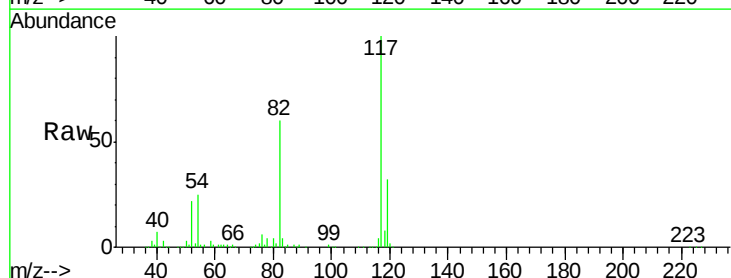


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

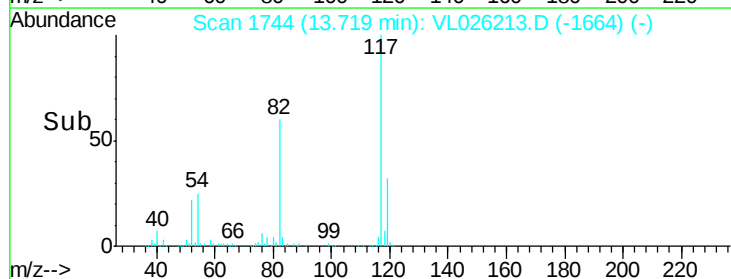
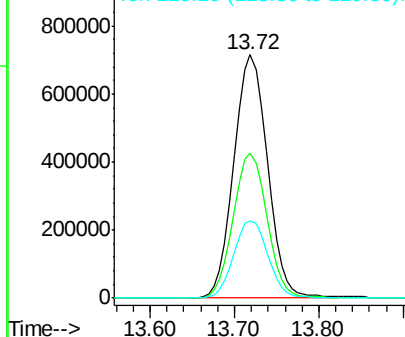


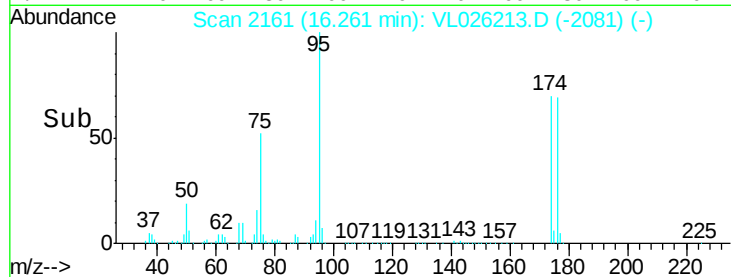
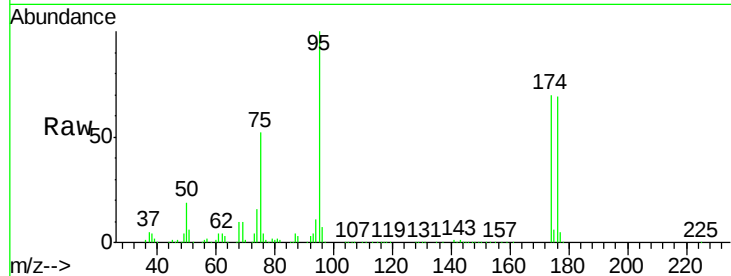
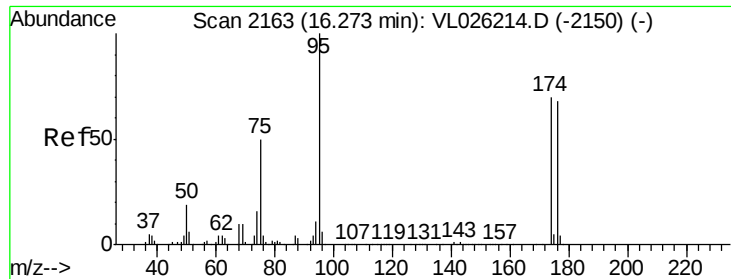
#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 13.72 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: VL026213.D
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Tgt Ion:117 Resp: 1945475
 Ion Ratio Lower Upper
 117 100
 82 60.6 45.8 68.8
 119 32.9 45.0 67.4#



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: 10.57 ppbv

RT: 16.26 min Scan# 2161

Delta R.T. -0.01 min

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Acq: 20 Oct 2015 15:21

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 95 Resp: 1585608

Ion Ratio Lower Upper

95 100

174 69.5 55.8 83.8

175 5.3 4.3 6.5

