

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL073115\
Data File : VL025807.D
Acq On : 31 Jul 2015 10:41
Operator : SY/MD
Sample : VL0731ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABL01

Quant Time: Jul 31 12:17:55 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 02:22:55 2015
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.66	49	502044	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.34	114	1361584	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.76	117	1684315	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.30	95	1510112	10.63	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.30%

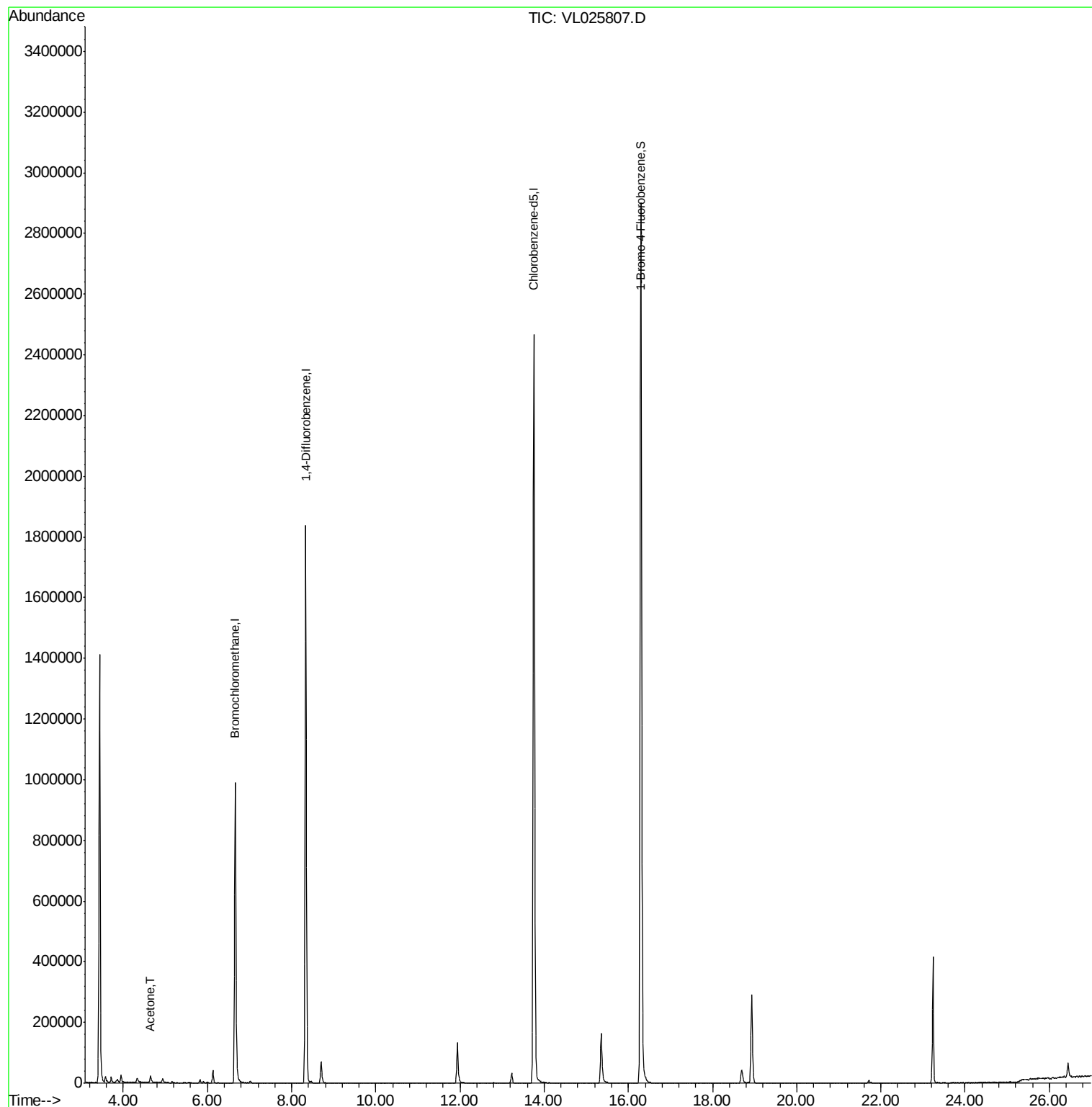
Target Compounds					Qvalue
15) Acetone	4.65	43	23200	0.26 ppbv	# 33

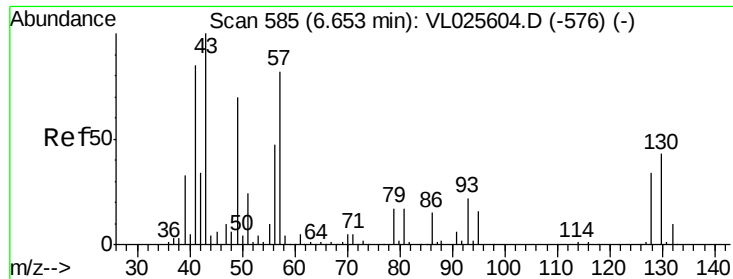
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.66 min Scan# 586

Delta R.T. 0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

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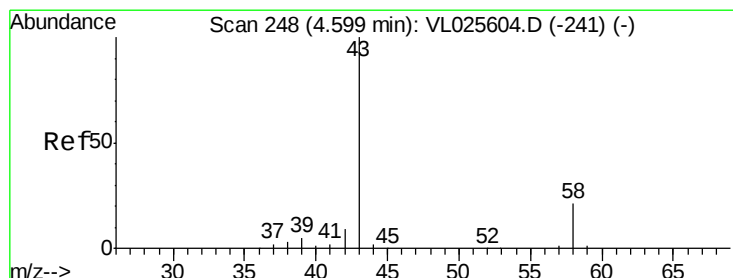
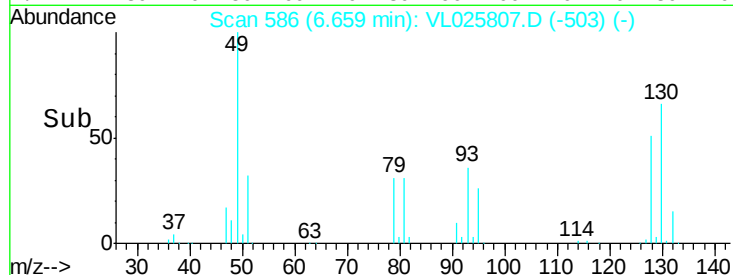
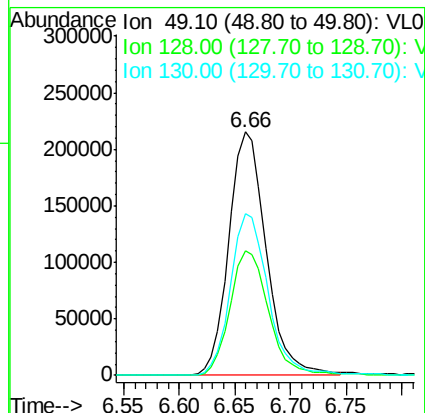
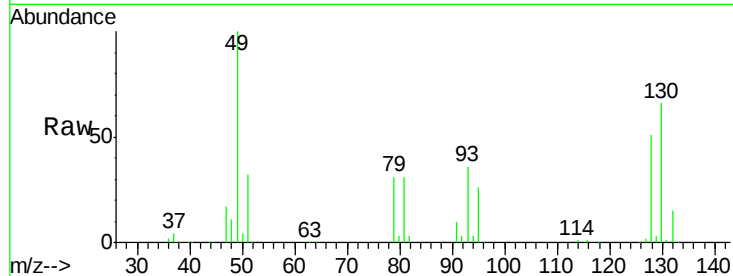
Tgt Ion: 49 Resp: 502044

Ion Ratio Lower Upper

49 100

128 53.6 25.4 76.0

130 68.0 31.9 95.9



#15

Acetone

Concen: 0.26 ppbv

RT: 4.65 min Scan# 256

Delta R.T. 0.05 min

Lab File: VL025807.D

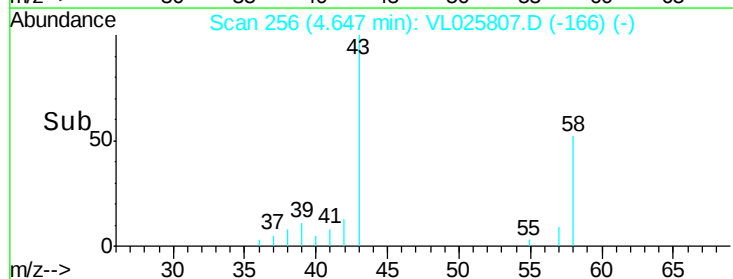
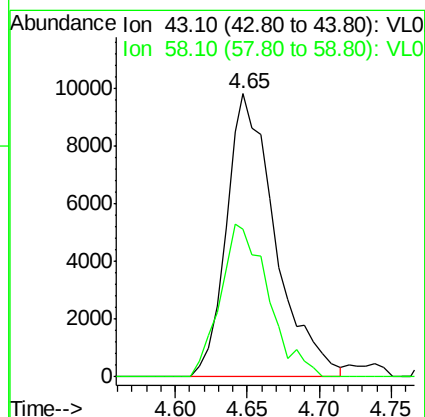
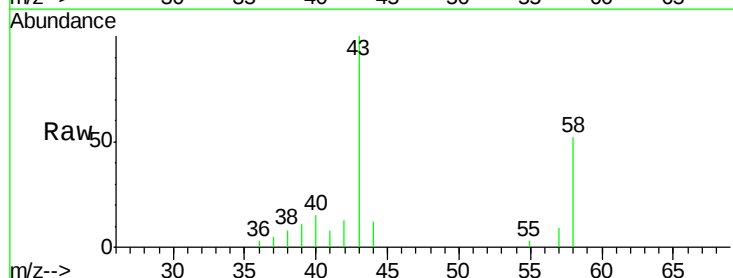
Acq: 31 Jul 2015 10:41

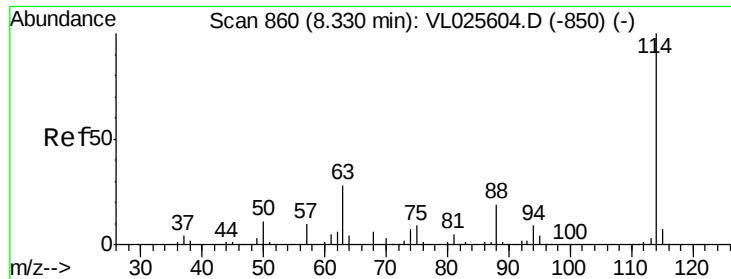
Tgt Ion: 43 Resp: 23200

Ion Ratio Lower Upper

43 100

58 53.0 17.2 25.8#

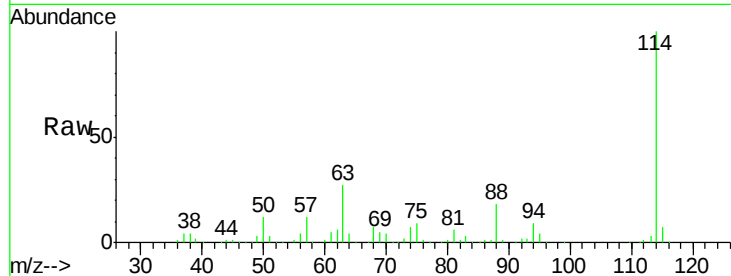




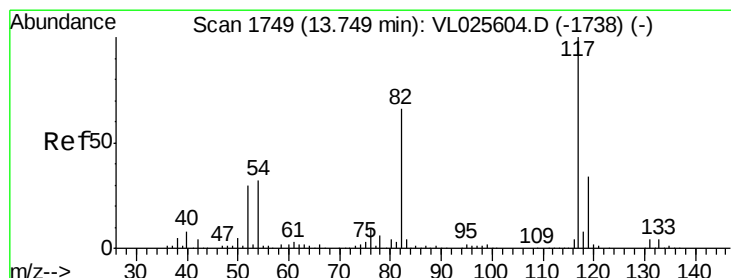
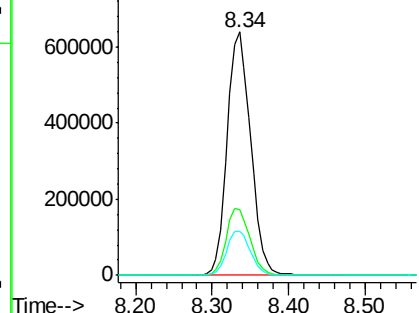
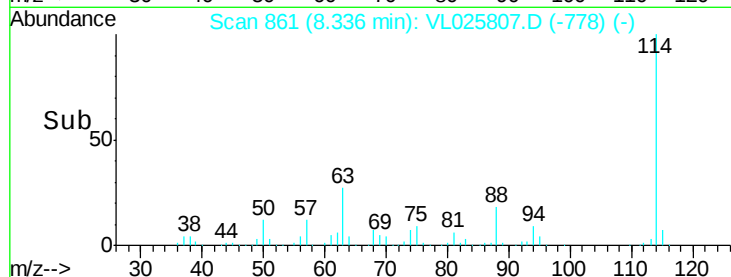
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.34 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: VL025807.D
 Acq: 31 Jul 2015 10:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0731ABL01

Tgt Ion:114 Resp: 1361584
 Ion Ratio Lower Upper
 114 100
 63 27.9 22.4 33.6
 88 18.5 15.0 22.4

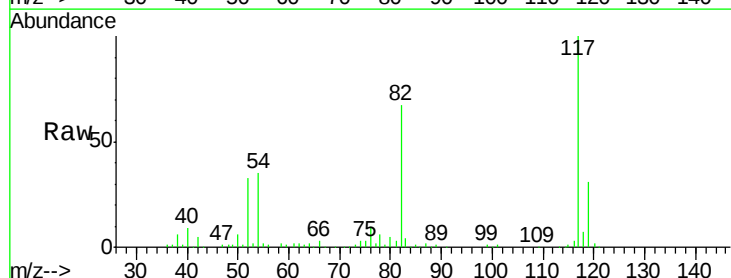


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

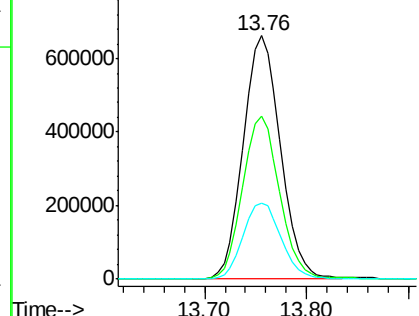
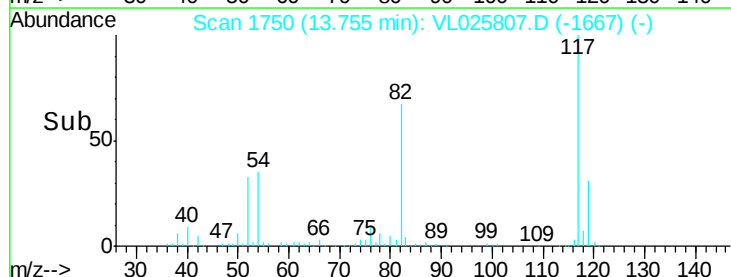


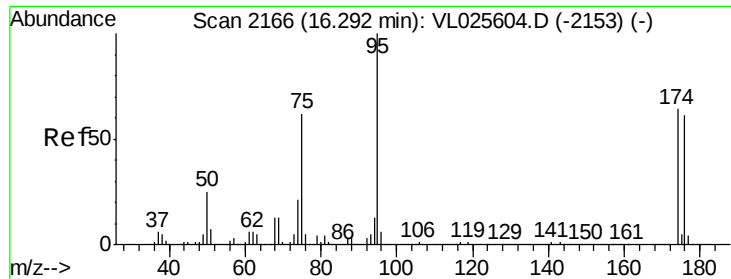
#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 13.76 min Scan# 1750
 Delta R.T. 0.01 min
 Lab File: VL025807.D
 Acq: 31 Jul 2015 10:41

Tgt Ion:117 Resp: 1684315
 Ion Ratio Lower Upper
 117 100
 82 67.2 50.5 75.7
 119 32.5 45.1 67.7#



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: 10.63 ppbv

RT: 16.30 min Scan# 2167

Delta R.T. 0.01 min

Lab File: VL025807.D

Acq: 31 Jul 2015 10:41

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABL01

Tgt Ion: 95 Resp: 1510112

Ion Ratio Lower Upper

95 100

174 63.9 52.0 78.0

175 4.8 3.9 5.9

