

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
 Data File : VL025612.D
 Acq On : 7 Jul 2015 17:16
 Operator : SY/MD
 Sample : VL0707ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABL01

Quant Time: Jul 08 10:46:29 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	542637	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.33	114	1448659	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.75	117	1975781	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.29	95	1678830	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

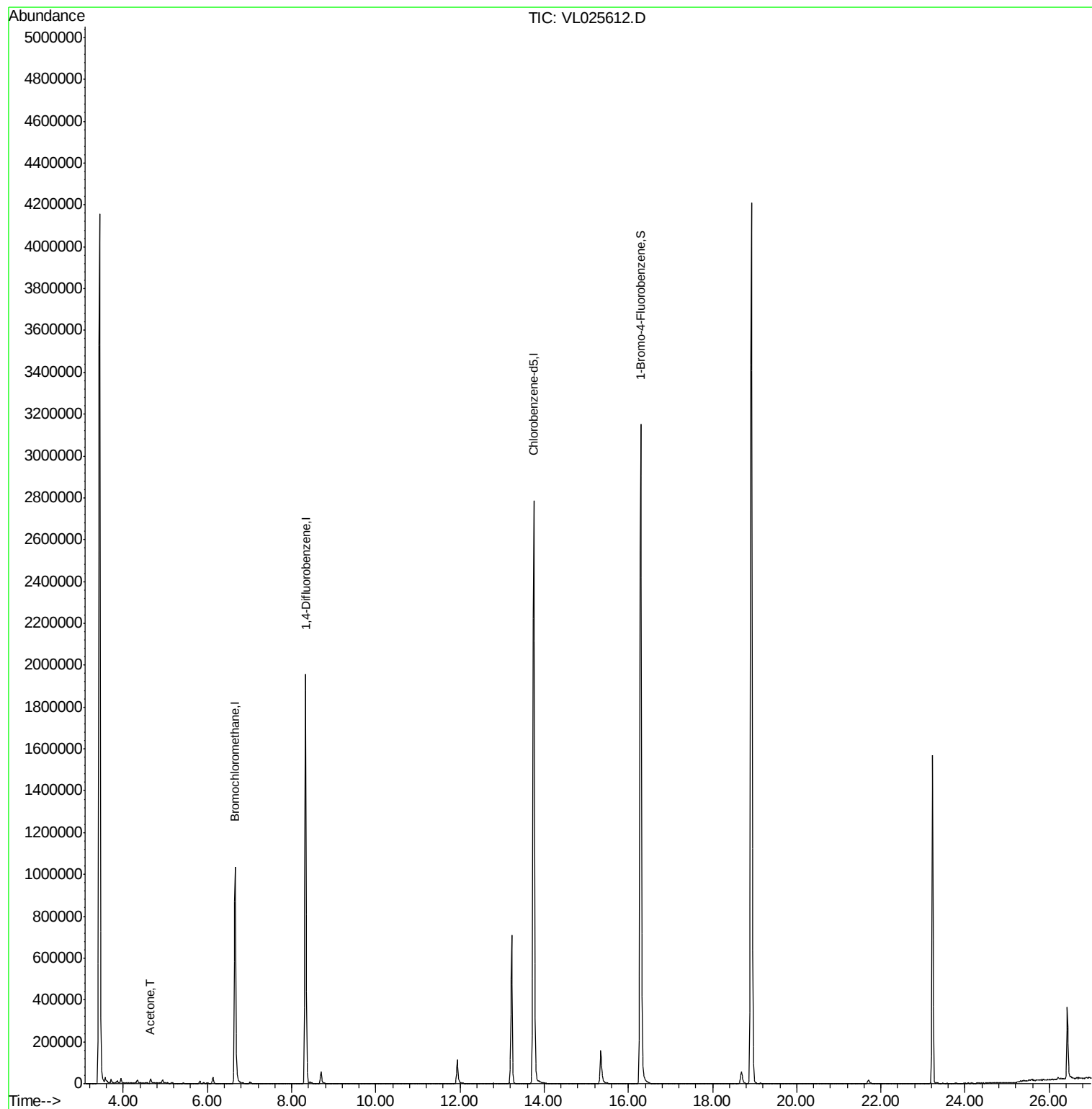
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	4.65	43	21073	0.22	ppbv	# 42

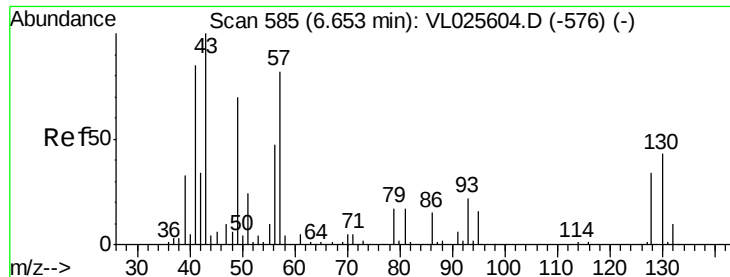
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
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QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.66 min Scan# 586

Delta R.T. 0.01 min

Lab File: VL025612.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0707ABL01

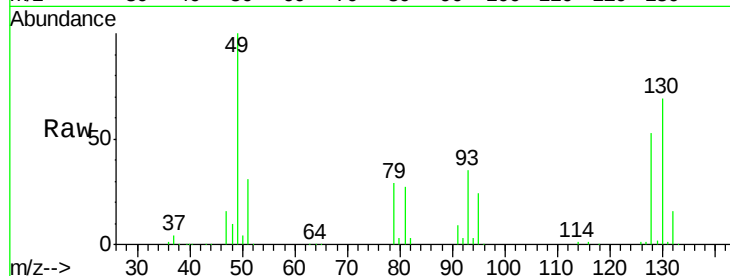
Tgt Ion: 49 Resp: 542637

Ion Ratio Lower Upper

49 100

128 53.5 25.4 76.0

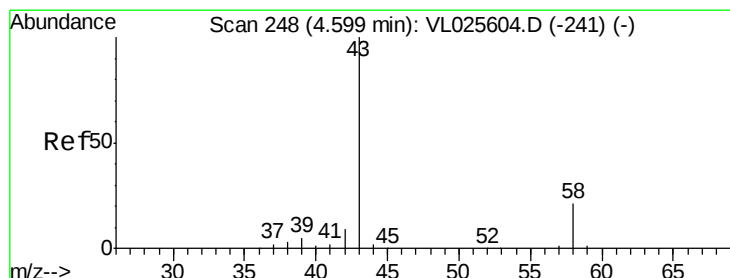
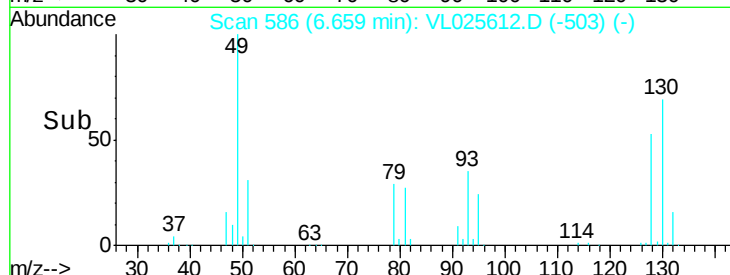
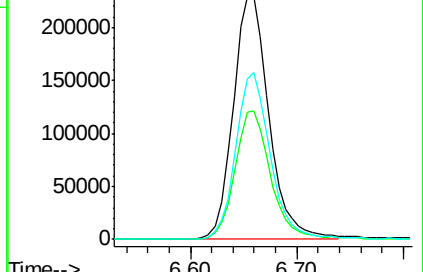
130 67.6 31.9 95.9



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.22 ppbv

RT: 4.65 min Scan# 257

Delta R.T. 0.05 min

Lab File: VL025612.D

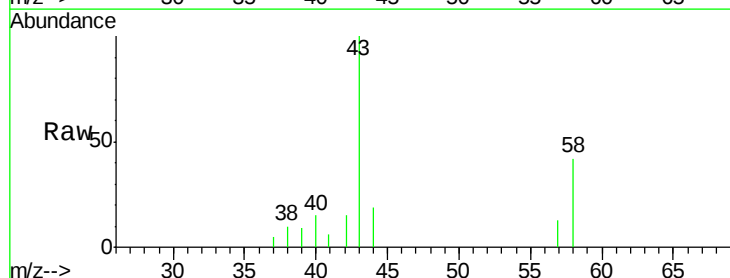
Acq: 7 Jul 2015 17:16

Tgt Ion: 43 Resp: 21073

Ion Ratio Lower Upper

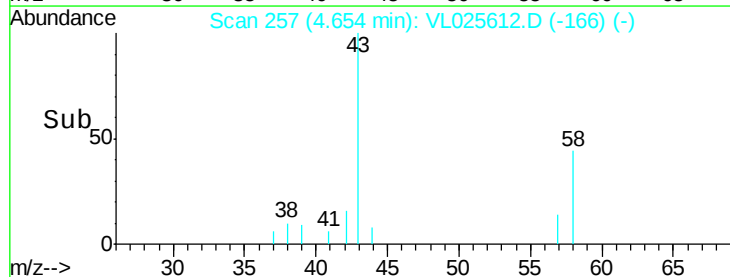
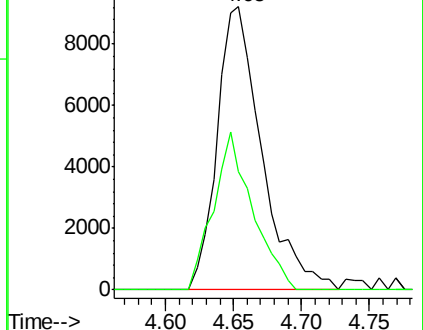
43 100

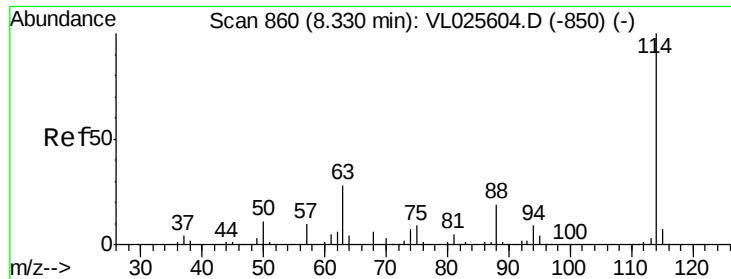
58 48.8 17.2 25.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

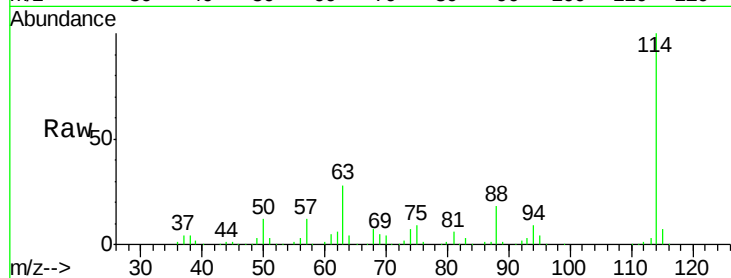




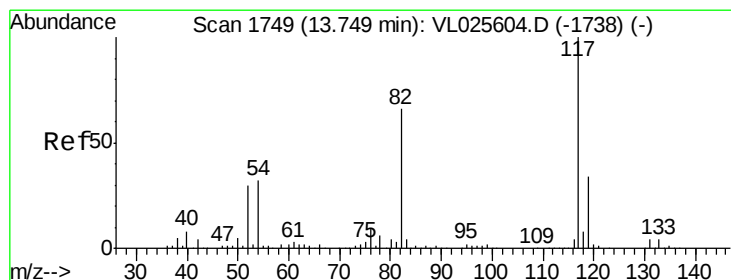
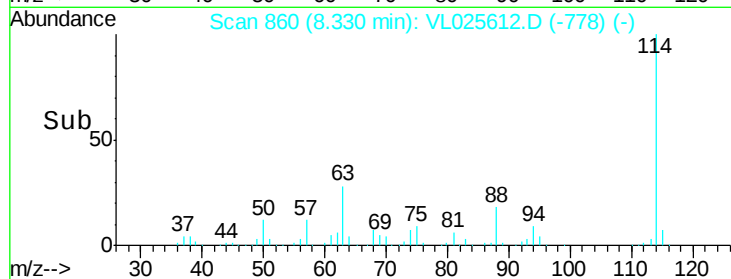
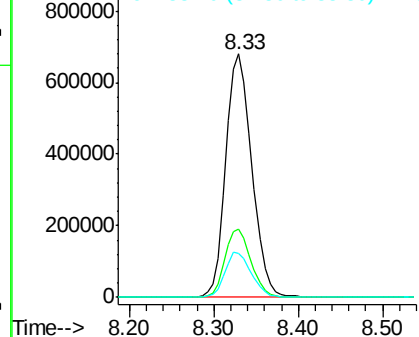
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.33 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VL025612.D
 Acq: 7 Jul 2015 17:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABL01

Tgt Ion:114 Resp: 1448659
 Ion Ratio Lower Upper
 114 100
 63 28.1 22.4 33.6
 88 18.7 15.0 22.4

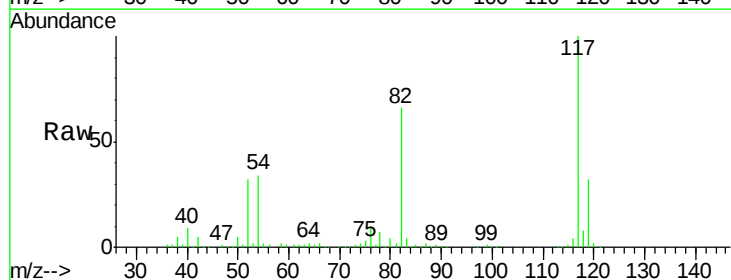


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

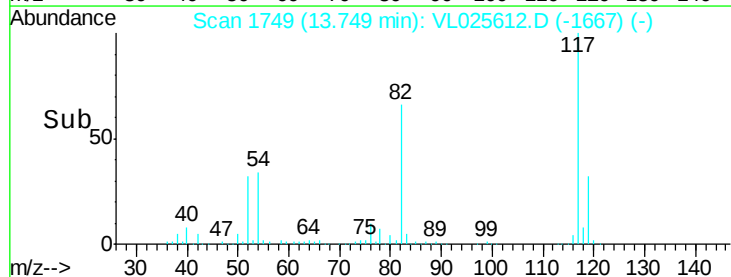
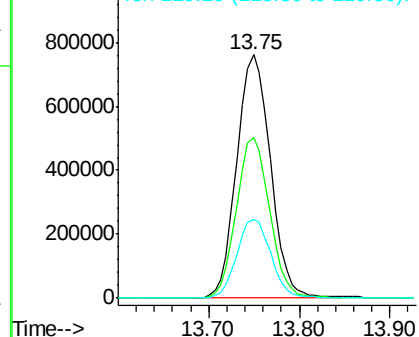


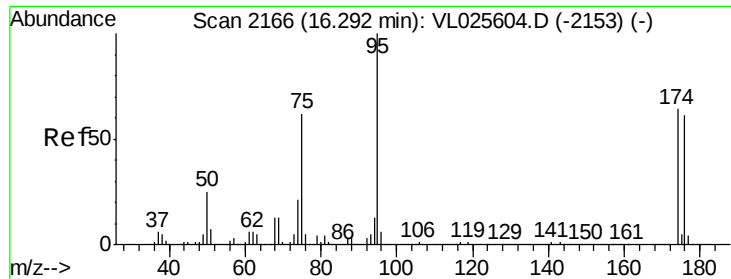
#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 13.75 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: VL025612.D
 Acq: 7 Jul 2015 17:16

Tgt Ion:117 Resp: 1975781
 Ion Ratio Lower Upper
 117 100
 82 65.9 50.5 75.7
 119 33.0 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: 10.07 ppbv

RT: 16.29 min Scan# 2166

Delta R.T. 0.00 min

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ClientSampleId :

VL0707ABL01

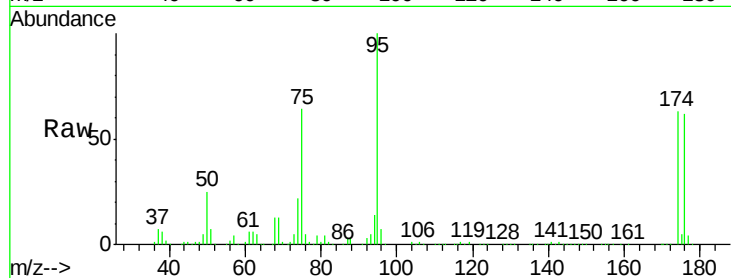
Tgt Ion: 95 Resp: 1678830

Ion Ratio Lower Upper

95 100

174 64.6 52.0 78.0

175 4.7 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

