

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL010816\
 Data File : VL026656.D
 Acq On : 9 Jan 2016 00:56
 Operator : SY/AP
 Sample : VL0108ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0108ABL01

Quant Time: Jan 12 03:45:39 2016
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL010816AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Jan 11 17:14:02 2016
 QLast Update : Mon Jan 11 17:14:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.63	49	771334	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.30	114	2361796	10.00	ppbv	-0.01
55) Chlorobenzene-d5	13.72	117	3166471	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.25	95	2665678	10.56	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.60%

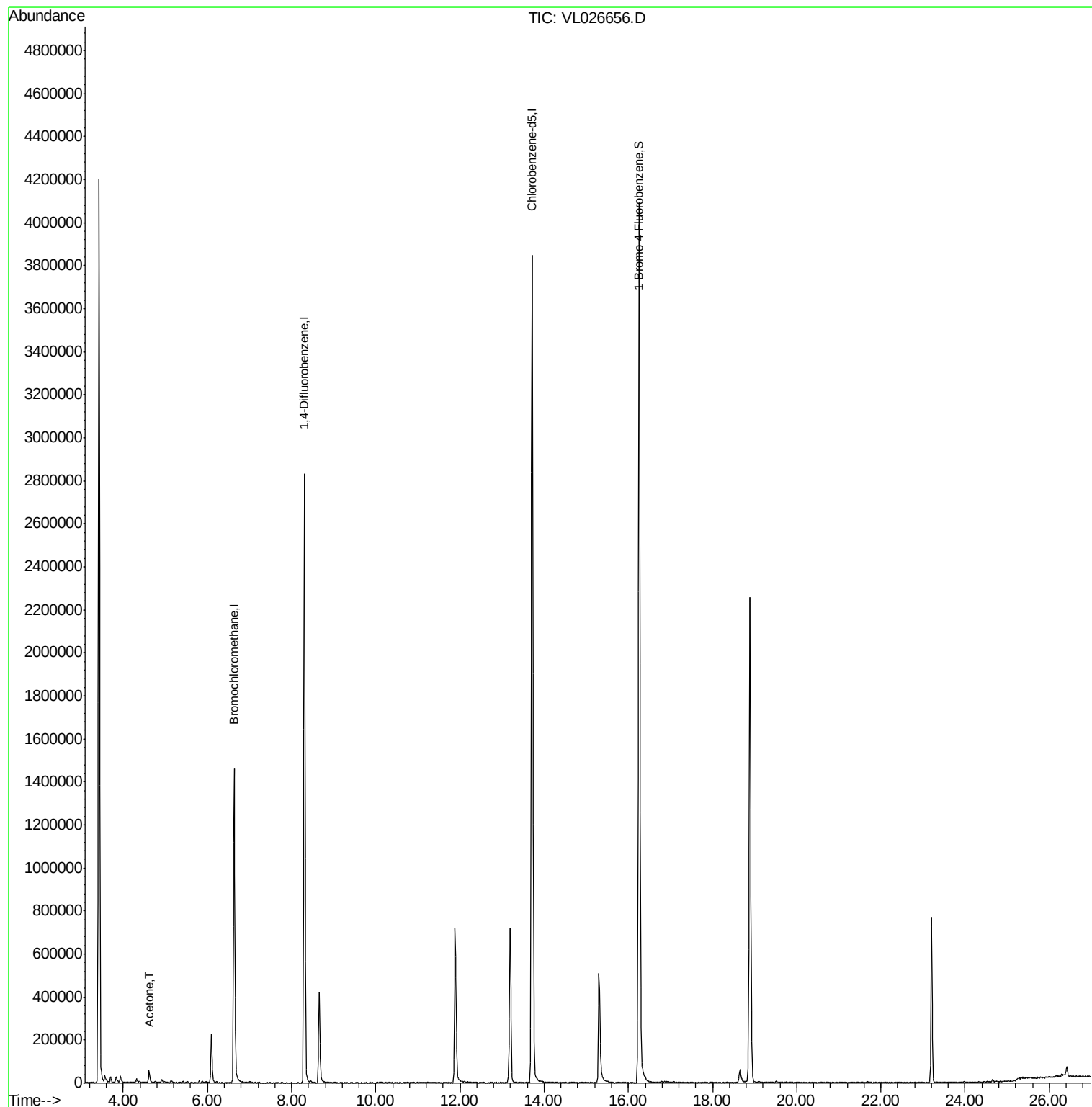
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	4.62	43	40606	0.32	ppbv	# 1

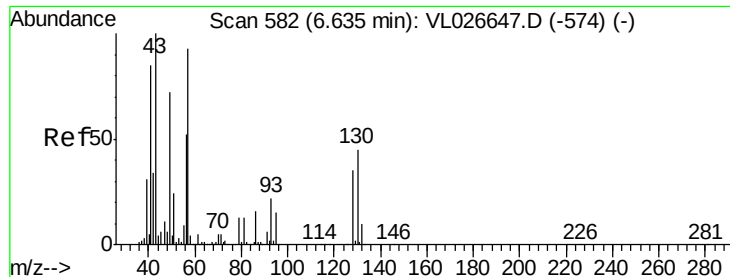
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.63 min Scan# 582

Delta R.T. -0.00 min

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MSVOA_L

ClientSampleId :

VL0108ABL01

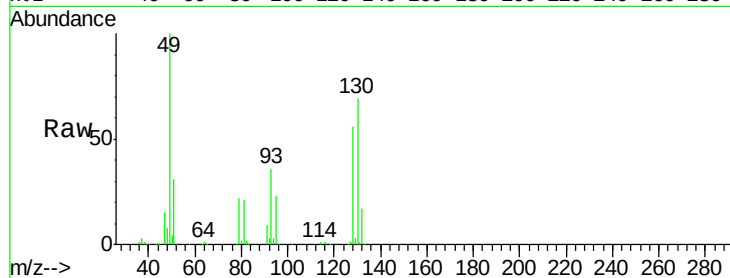
Tot Ion: 49 Resp: 771334

Ion Ratio Lower Upper

49 100

128 58.3 25.9 77.7

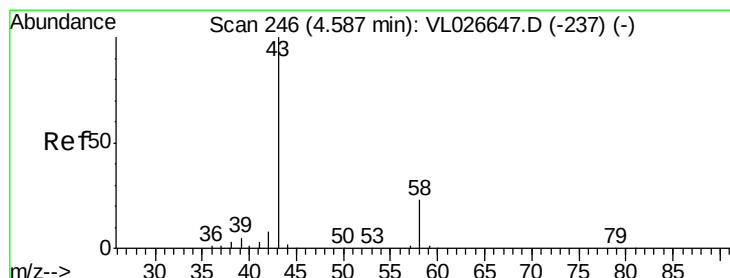
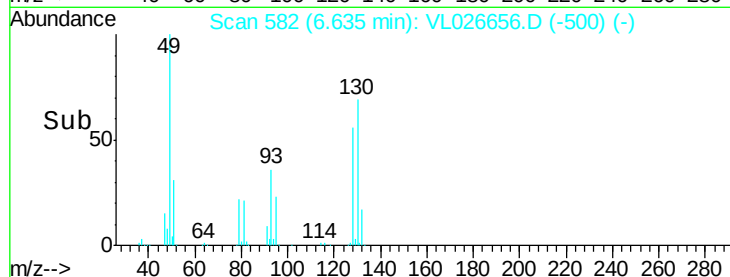
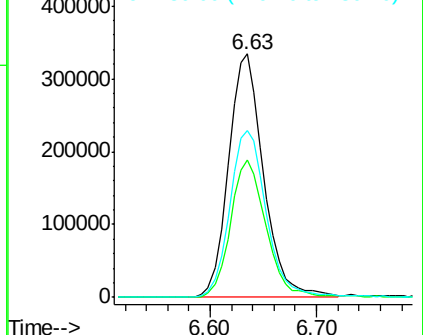
130 72.3 33.6 100.8



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: 0.32 ppbv

RT: 4.62 min Scan# 252

Delta R.T. 0.04 min

Lab File: VL026656.D

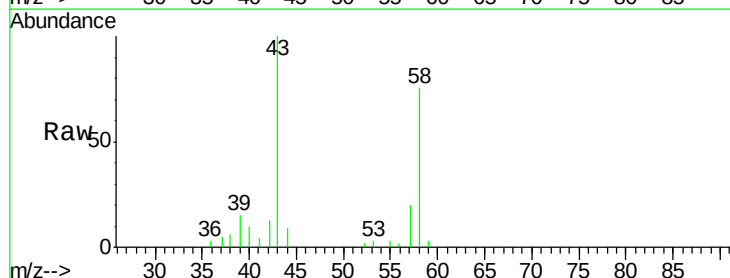
Acq: 9 Jan 2016 00:56

Tgt Ion: 43 Resp: 40606

Ion Ratio Lower Upper

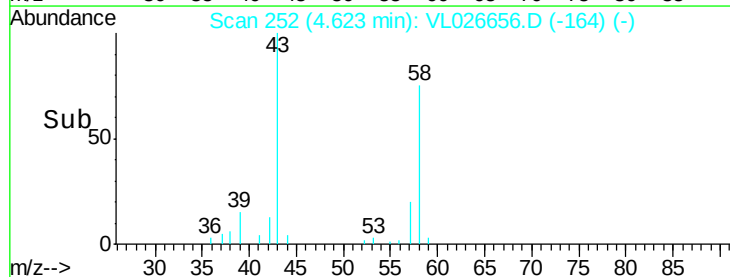
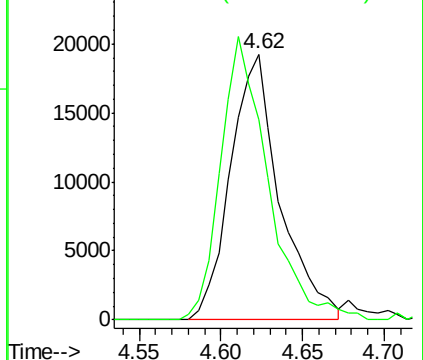
43 100

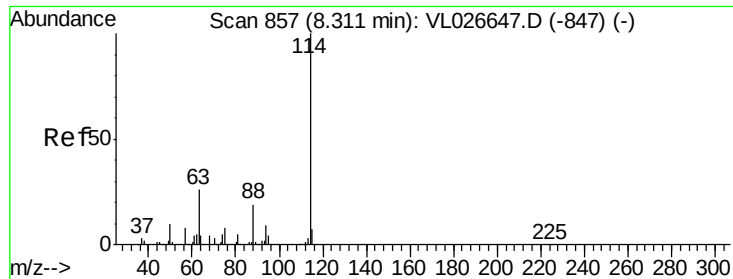
58 102.8 19.2 28.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

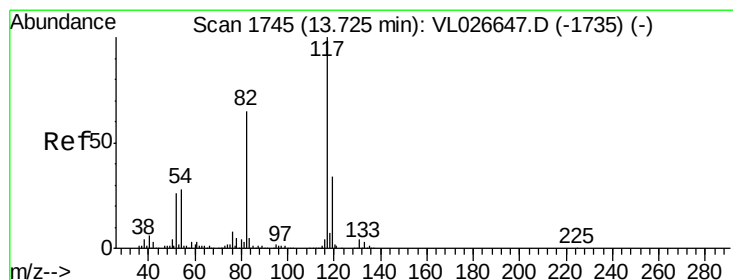
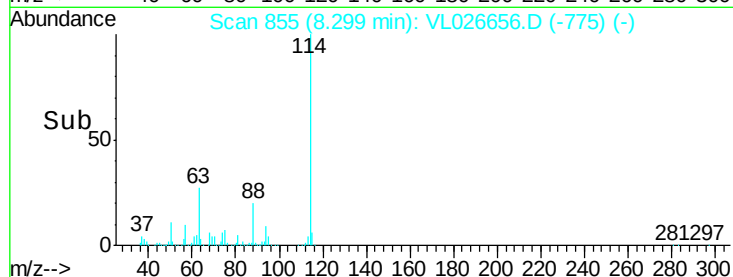
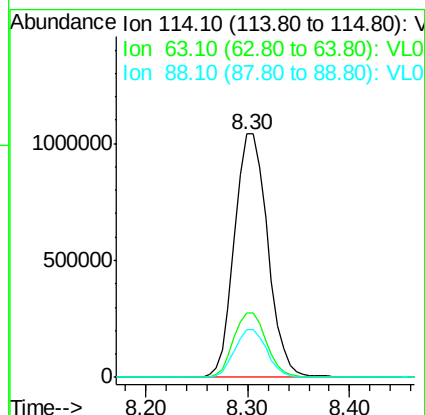
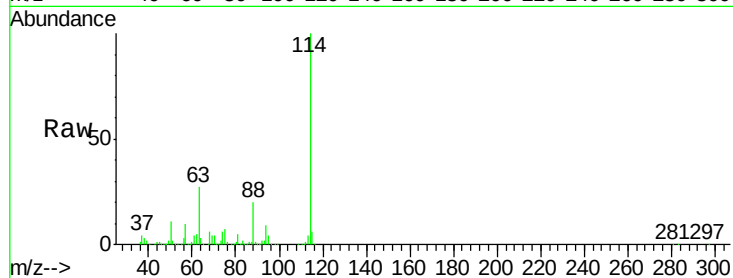




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.30 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VL026656.D
 Acq: 9 Jan 2016 00:56

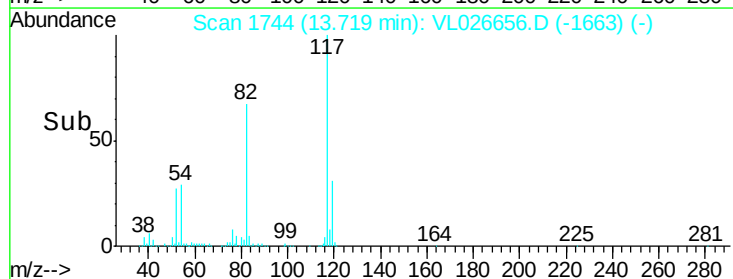
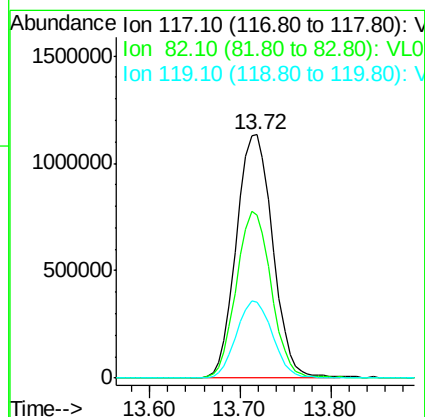
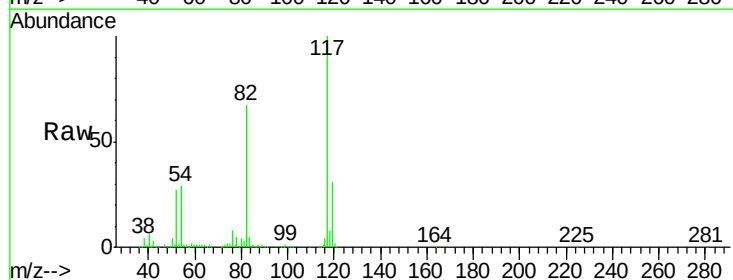
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 MSVOA_L
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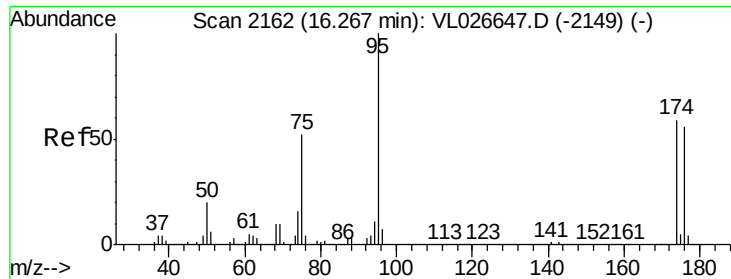
Tot Ion:114 Resp: 2361796
 Ion Ratio Lower Upper
 114 100
 63 26.3 21.7 32.5
 88 19.4 15.2 22.8



#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 13.72 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: VL026656.D
 Acq: 9 Jan 2016 00:56

Tgt Ion:117 Resp: 3166471
 Ion Ratio Lower Upper
 117 100
 82 66.3 49.7 74.5
 119 31.8 43.8 65.8#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.56 ppbv

RT: 16.25 min Scan# 2160

Delta R.T. -0.01 min

Lab File: VL026656.D

Acq: 9 Jan 2016 00:56

Instrument :

MSVOA_L

ClientSampleId :

VL0108ABL01

Tot Ion: 95 Resp: 2665678

Ion Ratio Lower Upper

95 100

174 60.5 47.8 71.8

175 4.3 3.6 5.4

