

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL010816\
Data File : VL026654.D
Acq On : 8 Jan 2016 23:36
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Jan 12 03:41:26 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	6.62	49	743582	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	8.29	114	2344981	10.00	ppbv	-0.02
55) Chlorobenzene-d5	13.71	117	3117158	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.25	95	2539702	10.22	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

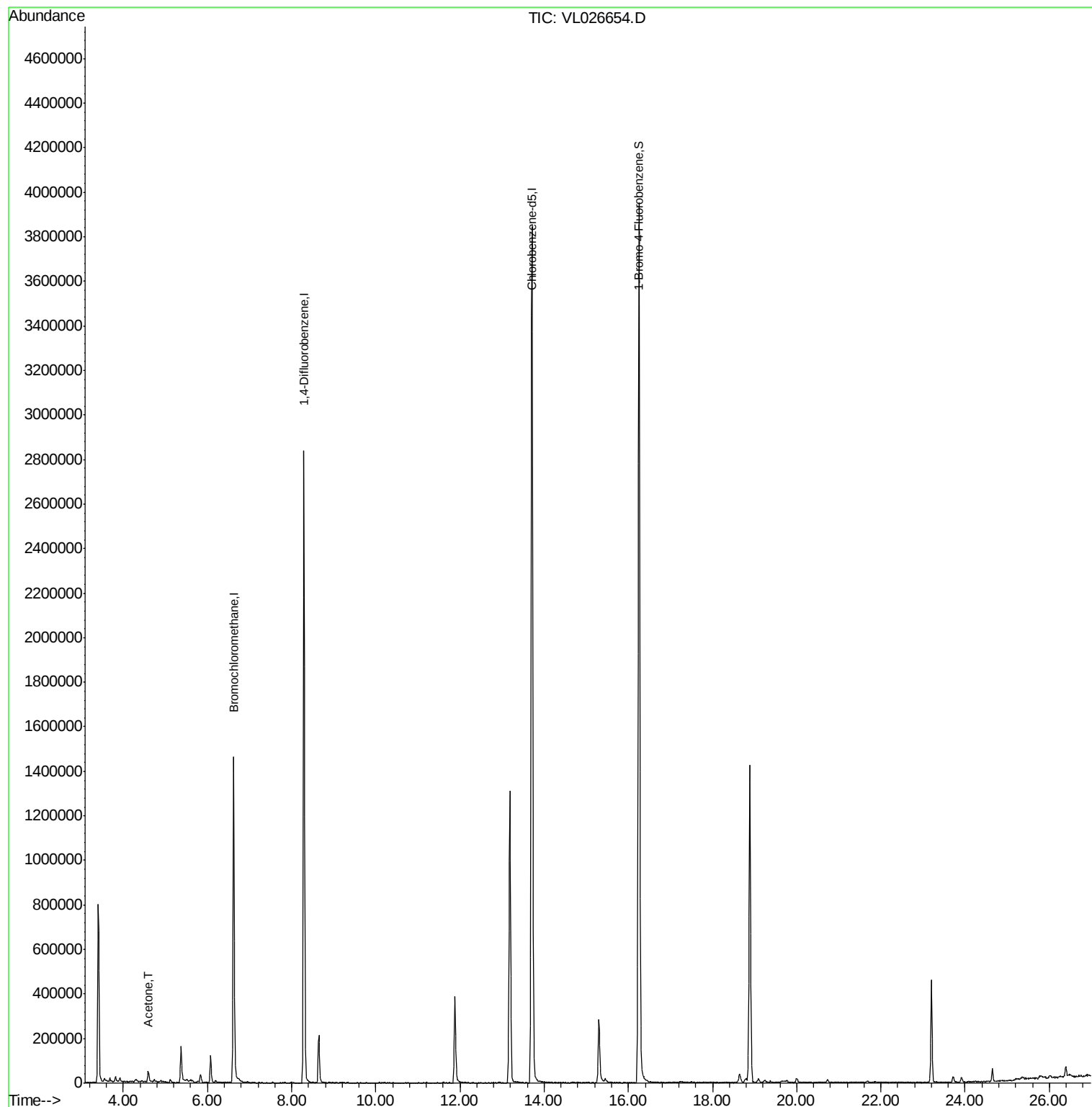
Target Compounds					Ovalue
15) Acetone	4.59	43	42623	0.35	ppbv # 17

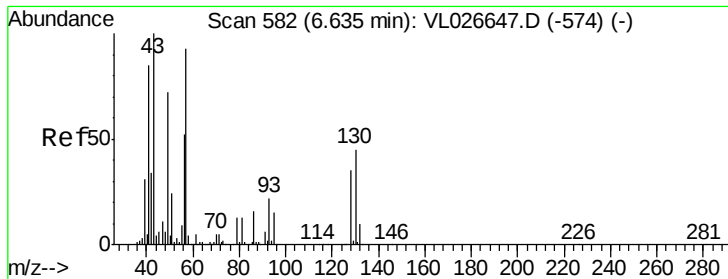
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 11 17:14:02 2016
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.62 min Scan# 580

Delta R.T. -0.01 min

Lab File: VL026654.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

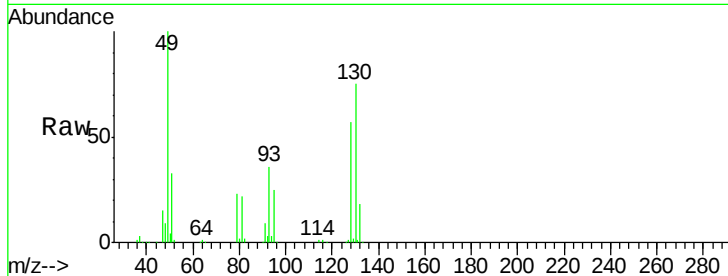
Tot Ion: 49 Resp: 743582

Ion Ratio Lower Upper

49 100

128 56.7 25.9 77.7

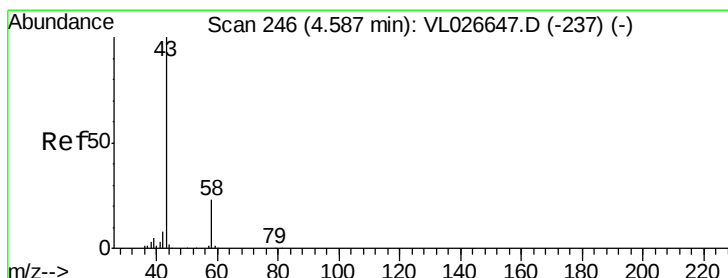
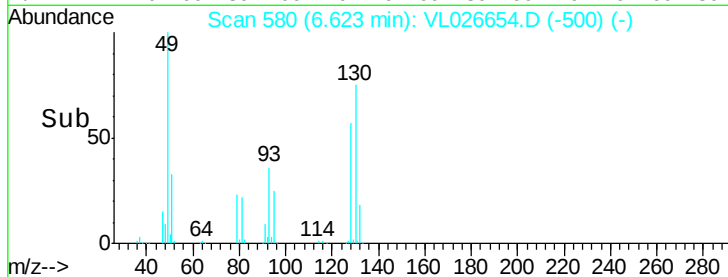
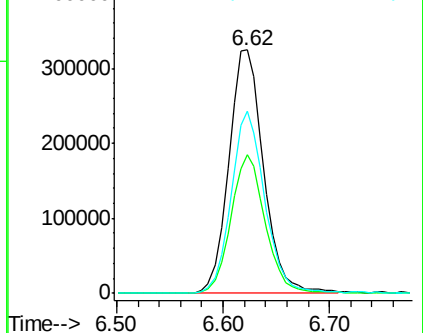
130 73.9 33.6 100.8



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: 0.35 ppbv

RT: 4.59 min Scan# 247

Delta R.T. 0.01 min

Lab File: VL026654.D

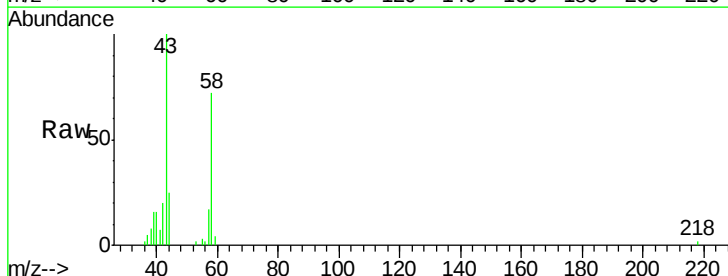
Acq: 8 Jan 2016 23:36

Tgt Ion: 43 Resp: 42623

Ion Ratio Lower Upper

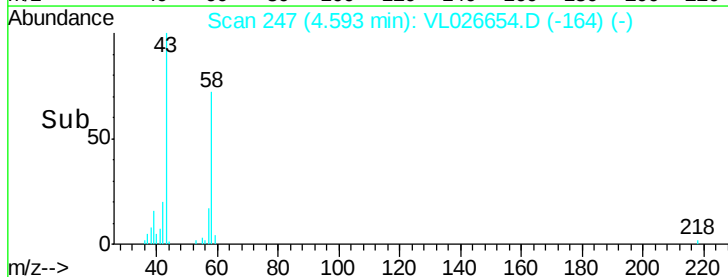
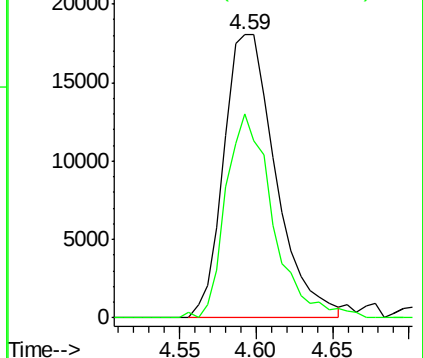
43 100

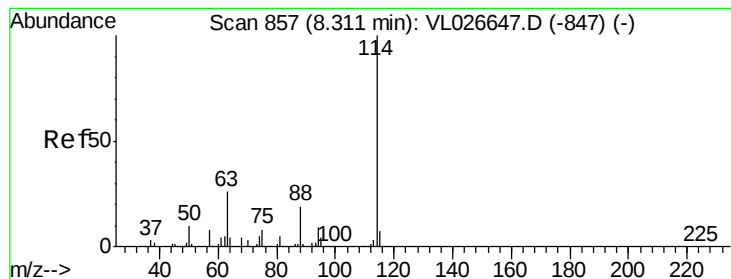
58 65.1 19.2 28.8#



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: 8.29 min Scan# 854

Delta R.T. -0.02 min

Lab File: VL026654.D

Acq: 8 Jan 2016 23:36

Instrument :

MSVOA_L

ClientSampled :

VIBLK

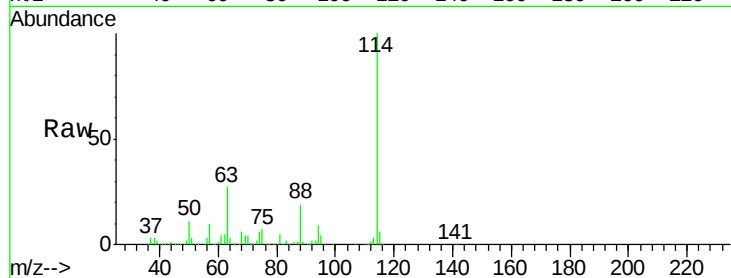
Tot Ion:114 Resp: 2344981

Ion Ratio Lower Upper

114 100

63 26.6 21.7 32.5

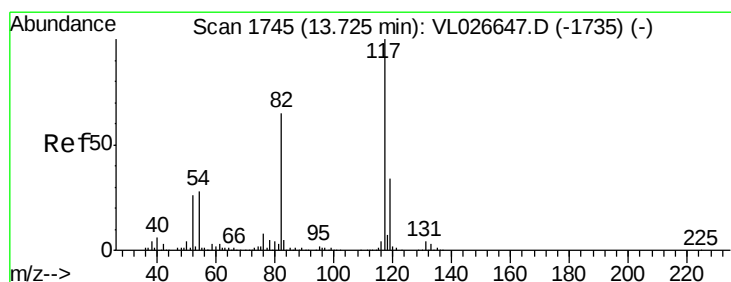
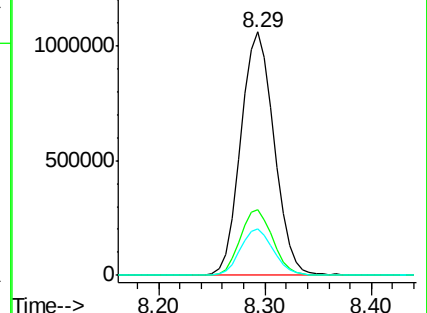
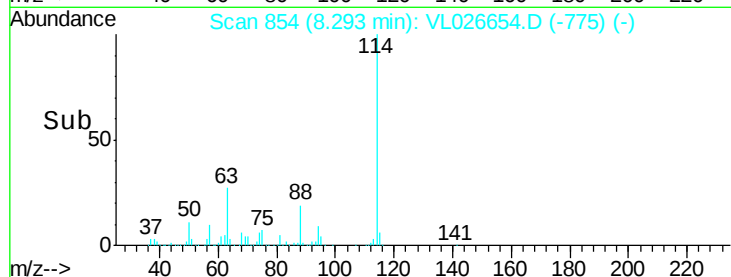
88 18.9 15.2 22.8



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: 13.71 min Scan# 1743

Delta R.T. -0.01 min

Lab File: VL026654.D

Acq: 8 Jan 2016 23:36

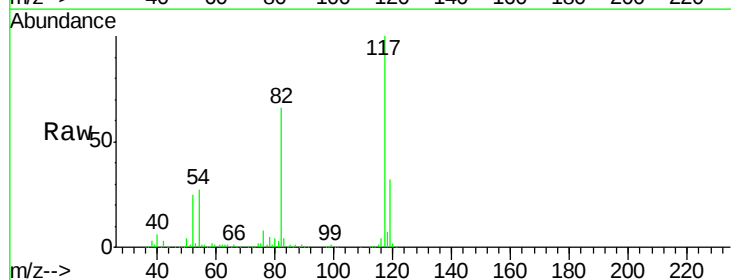
Tgt Ion:117 Resp: 3117158

Ion Ratio Lower Upper

117 100

82 66.2 49.7 74.5

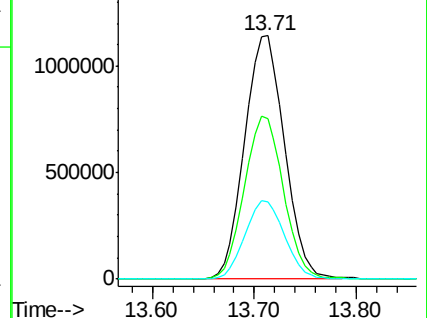
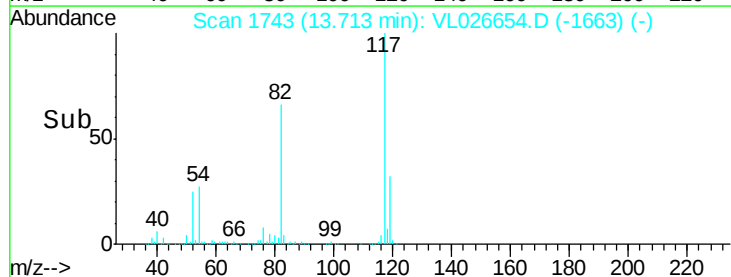
119 32.3 43.8 65.8#

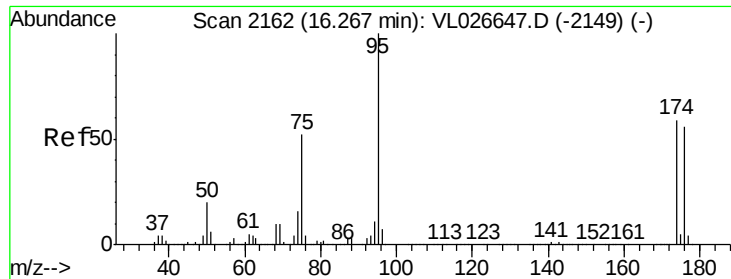


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.22 ppbv

RT: 16.25 min Scan# 2159

Delta R.T. -0.02 min

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 95 Resp: 2539702

Ion Ratio Lower Upper

95 100

174 61.9 47.8 71.8

175 4.4 3.6 5.4

