

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL111115\
Data File : VL026371.D
Acq On : 11 Nov 2015 19:12
Operator : SY/AP
Sample : G4352-03DL2 1200X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG110915-3DL2

Quant Time: Nov 12 18:48:35 2015
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102915AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Oct 29 14:29:54 2015
QLast Update : Thu Oct 29 14:29:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.65	49	594031	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	8.32	114	1636999	10.00	ppbv	-0.05
55) Chlorobenzene-d5	13.74	117	1952857	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.29	95	1476953	9.97	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

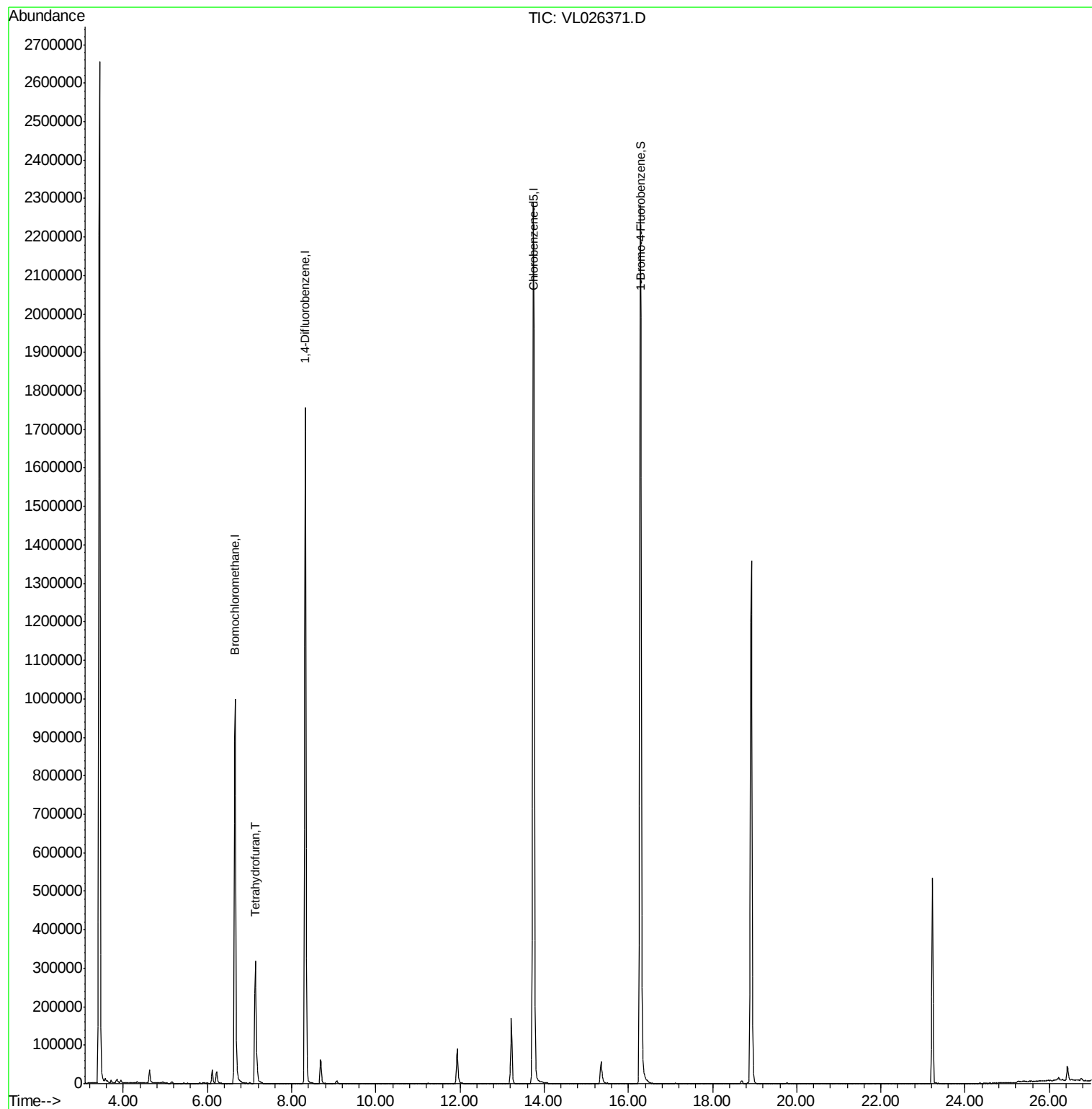
Target Compounds					Ovalue
41) Tetrahydrofuran	7.13	42	264177	4.63	ppbv 98

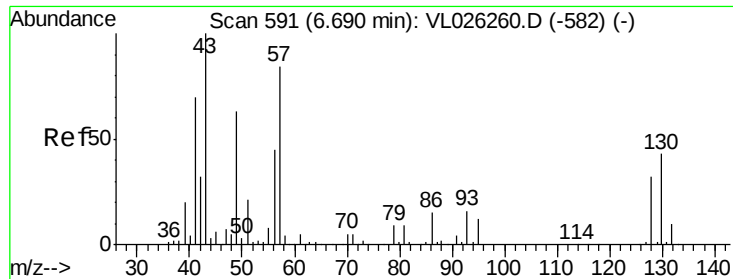
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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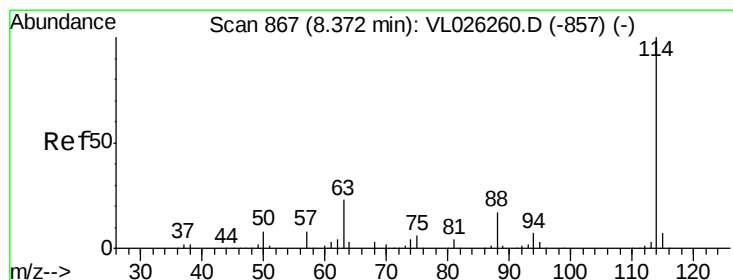
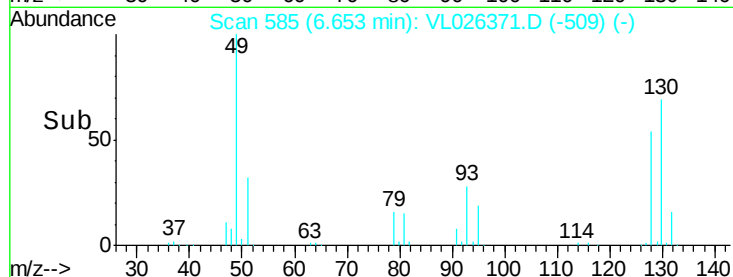
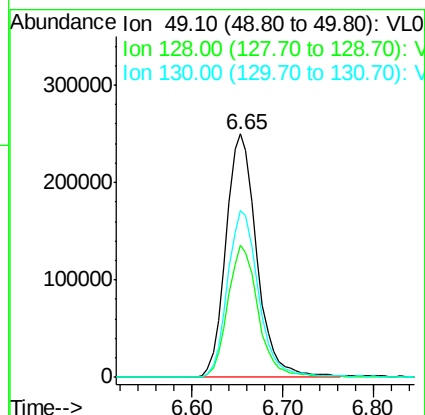
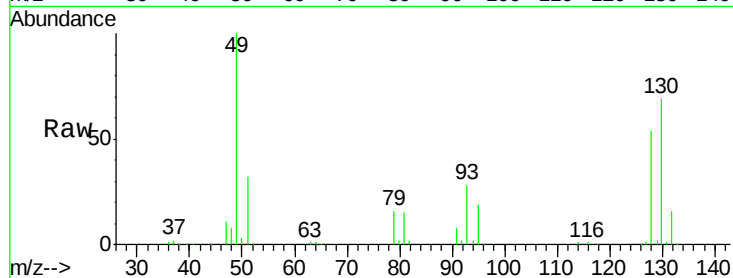




#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 6.65 min Scan# 585
 Delta R.T. -0.04 min
 Lab File: VL026371.D
 Acq: 11 Nov 2015 19:12

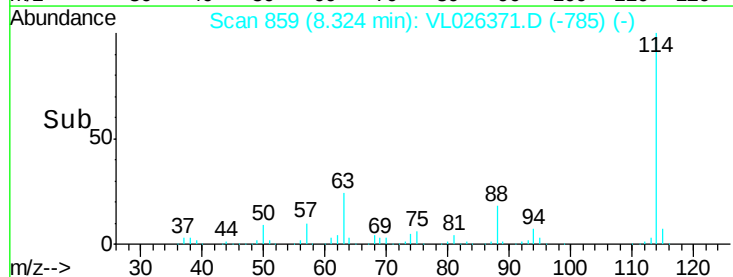
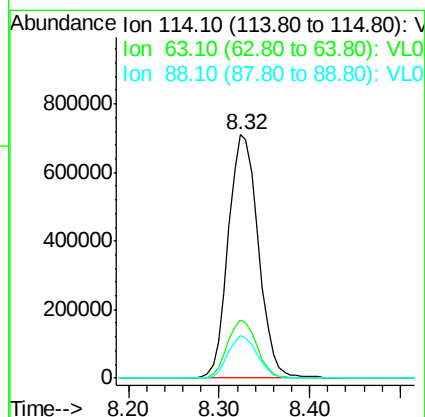
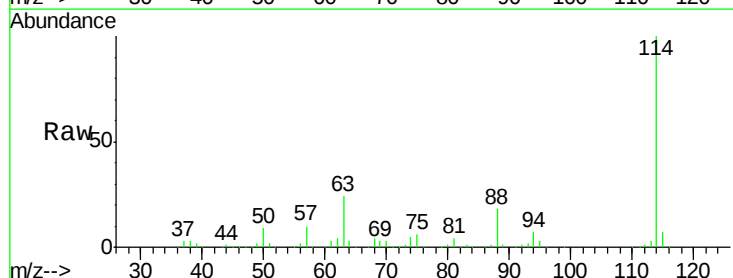
Instrument :
 MSVOA_L
 ClientSampleId :
 SG110915-3DL2

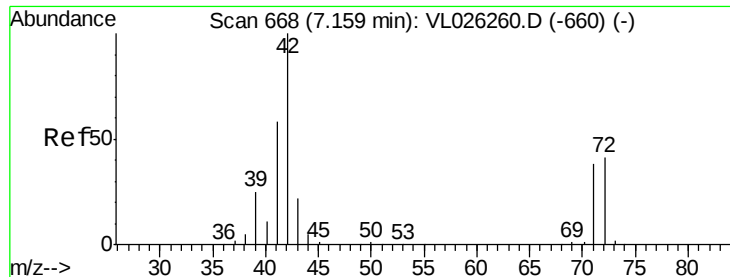
Tot Ion: 49 Resp: 594031
 Ion Ratio Lower Upper
 49 100
 128 54.0 26.7 80.1
 130 70.0 34.4 103.2



#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.32 min Scan# 859
 Delta R.T. -0.05 min
 Lab File: VL026371.D
 Acq: 11 Nov 2015 19:12

Tgt Ion: 114 Resp: 1636999
 Ion Ratio Lower Upper
 114 100
 63 23.6 18.6 28.0
 88 17.1 13.4 20.2





#41

Tetrahydrofuran

Concen: 4.63 ppbv

RT: 7.13 min Scan# 664

Delta R.T. -0.02 min

Lab File: VL026371.D

Acq: 11 Nov 2015 19:12

Instrument :

MSVOA_L

ClientSampleId :

SG110915-3DL2

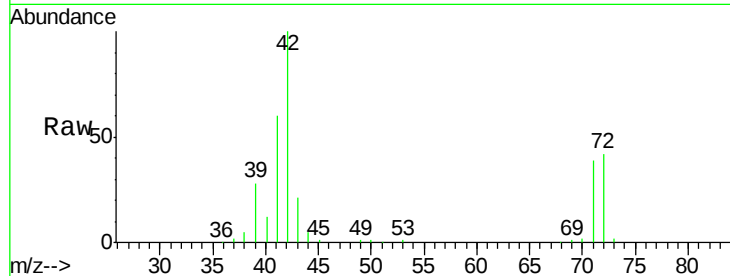
Tot Ion: 42 Resp: 264177

Ion Ratio Lower Upper

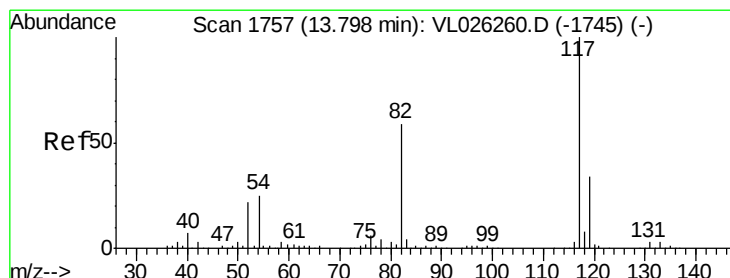
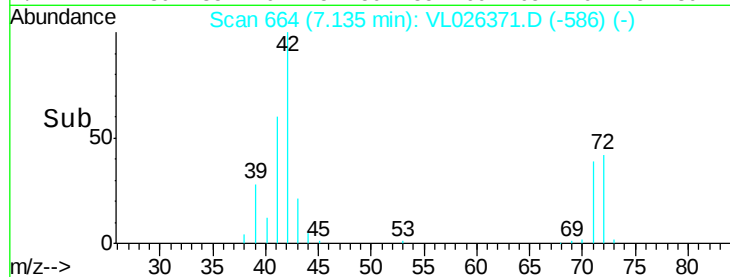
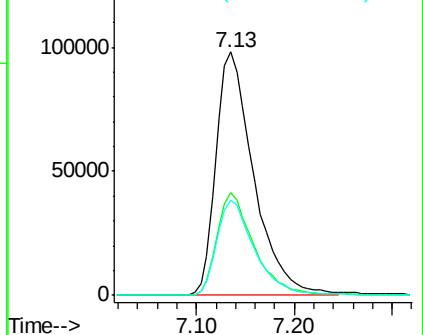
42 100

72 41.5 32.2 48.4

71 39.1 30.4 45.6



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 13.74 min Scan# 1748

Delta R.T. -0.05 min

Lab File: VL026371.D

Acq: 11 Nov 2015 19:12

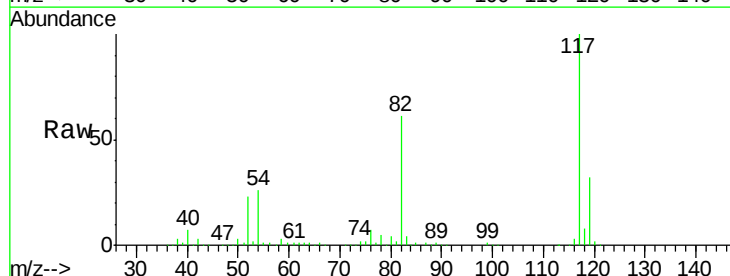
Tgt Ion: 117 Resp: 1952857

Ion Ratio Lower Upper

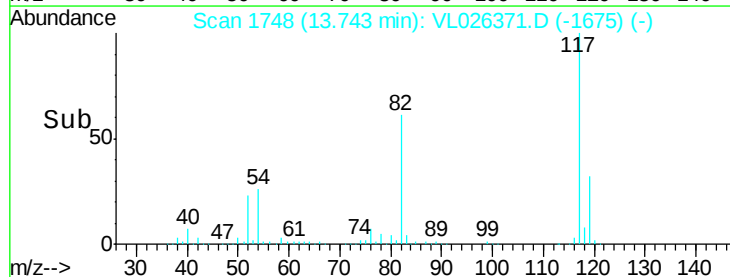
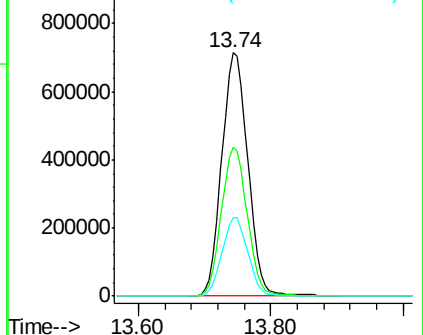
117 100

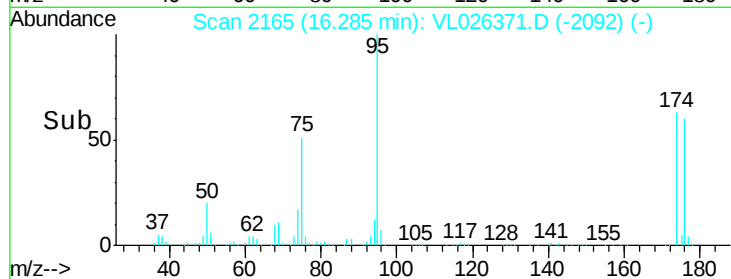
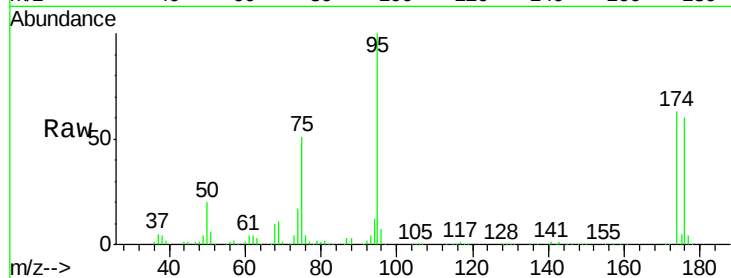
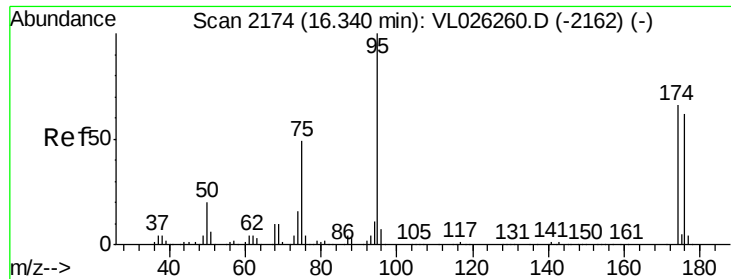
82 61.2 48.2 72.4

119 32.3 46.2 69.2#



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: 9.97 ppbv

RT: 16.29 min Scan# 2165

Delta R.T. -0.05 min

Lab File: VL026371.D

Acq: 11 Nov 2015 19:12

Instrument :

MSVOA_L

ClientSampleId :

SG110915-3DL2

Tot Ion: 95 Resp: 1476953

Ion Ratio Lower Upper

95 100

174 64.6 52.9 79.3

175 4.6 3.8 5.8

