

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL100915\
 Data File : VL026203.D
 Acq On : 10 Oct 2015 8:52
 Operator : SY/MD
 Sample : G3925-03DL2 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL2

Quant Time: Oct 12 04:33:46 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL100915AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Oct 09 16:23:14 2015
 QLast Update : Fri Oct 09 16:23:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.63	49	547309	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	8.31	114	1665935	10.00	ppbv	-0.03
55) Chlorobenzene-d5	13.72	117	1901605	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.26	95	1496860	10.25	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

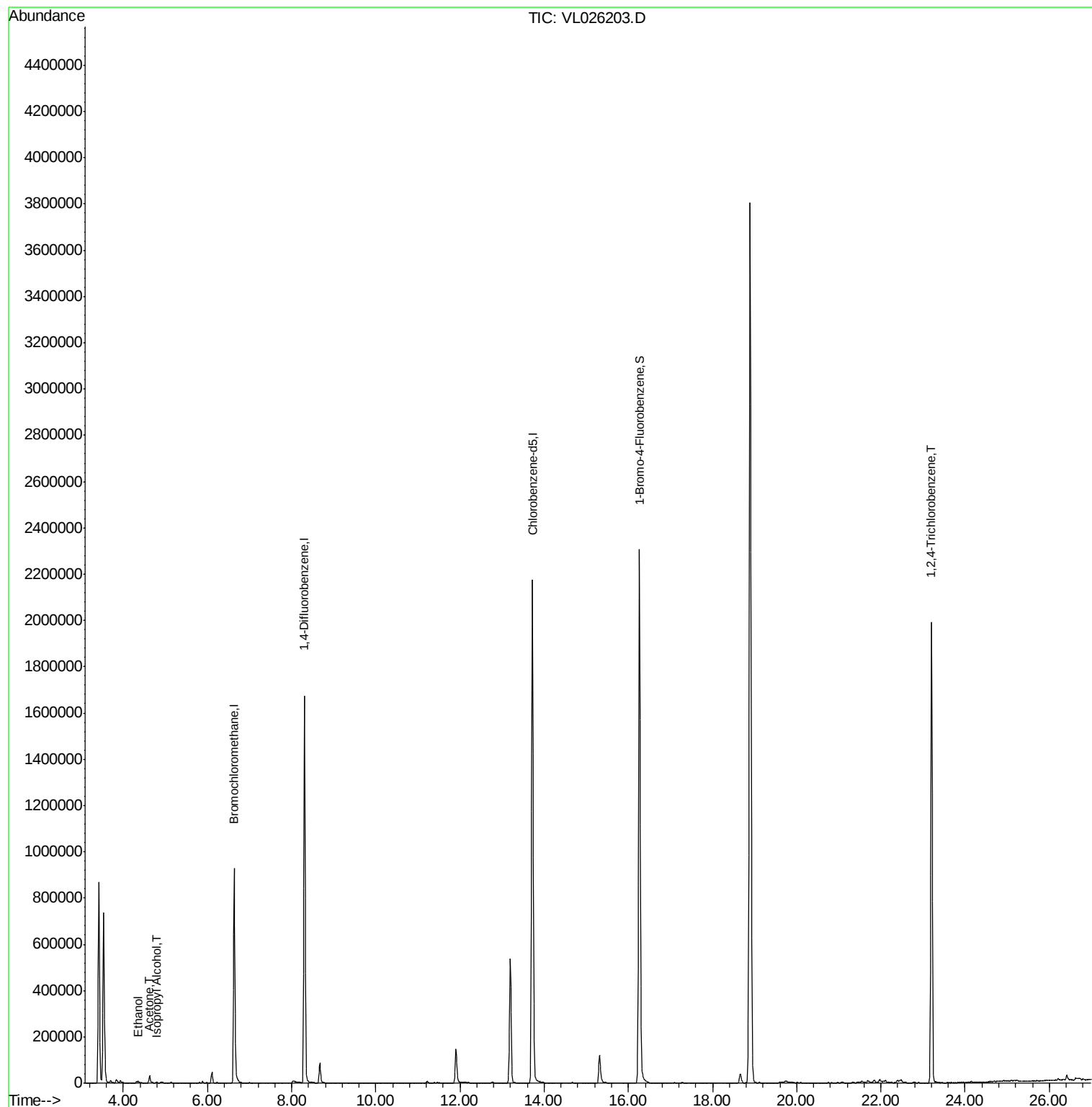
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	4.35	45	9013	2.09	ppbv	78
15) Acetone	4.62	43	37846	0.53	ppbv #	67
19) Isopropyl Alcohol	4.80	45	2804	0.10	ppbv #	1
81) 1,2,4-Trichlorobenzene	23.20	180	6527	0.09	ppbv #	12

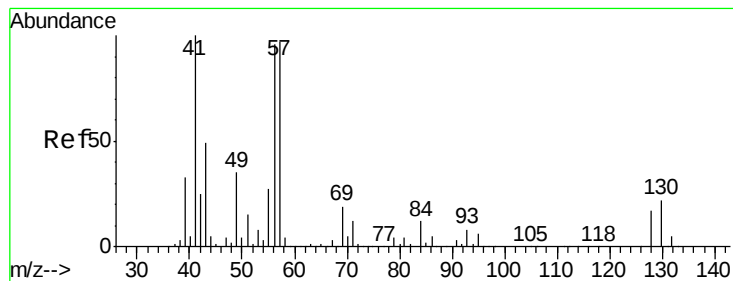
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.63 min Scan# 582

Delta R.T. -0.02 min

Lab File: VL026203.D

Acq: 10 Oct 2015 8:52

Instrument :

MSVOA_L

ClientSampleId :

SG-3DL2

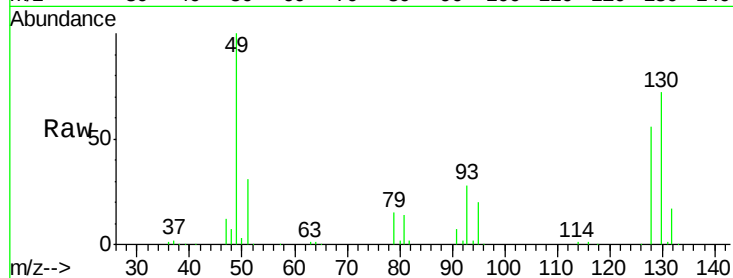
Tot Ion: 49 Resp: 547309

Ion Ratio Lower Upper

49 100

128 57.7 26.3 78.8

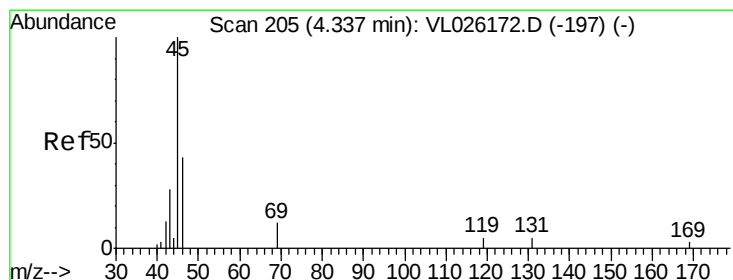
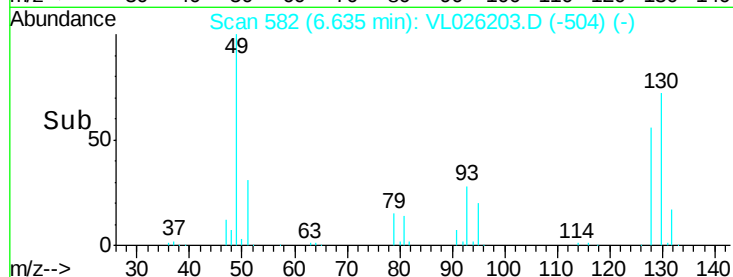
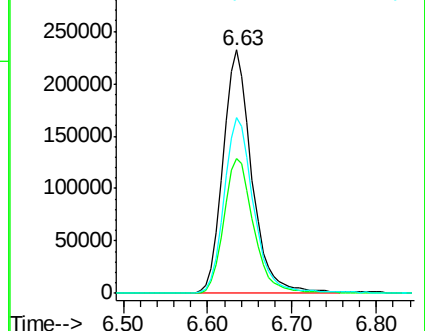
130 74.8 34.2 102.5



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



#13

Ethanol

Concen: 2.09 ppbv

RT: 4.35 min Scan# 207

Delta R.T. 0.01 min

Lab File: VL026203.D

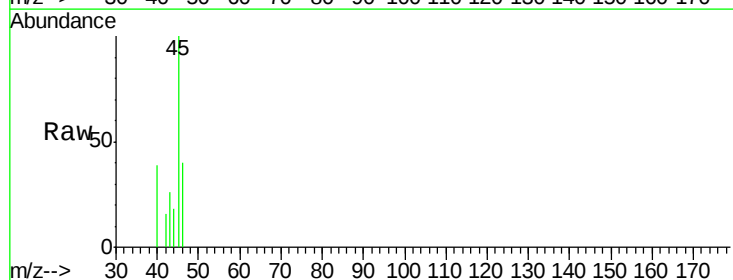
Acq: 10 Oct 2015 8:52

Tgt Ion: 45 Resp: 9013

Ion Ratio Lower Upper

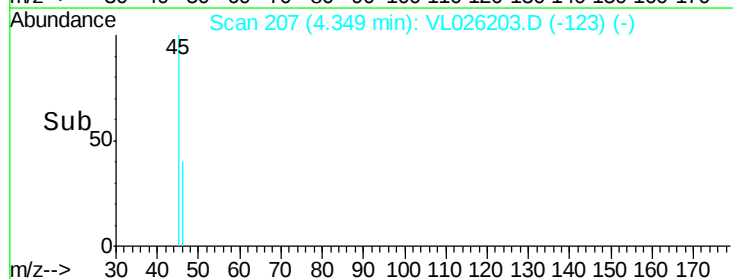
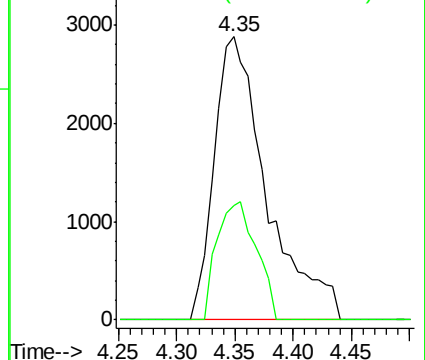
45 100

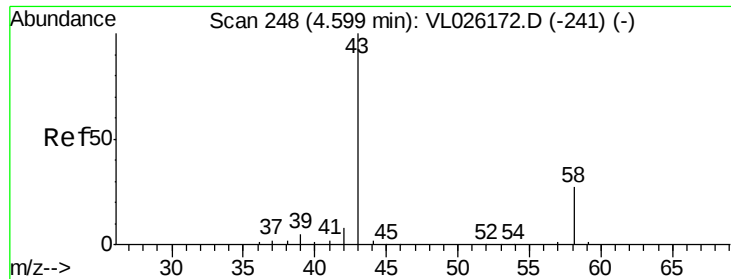
46 31.2 18.1 72.5



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.53 ppbv

RT: 4.62 min Scan# 252

Delta R.T. 0.02 min

Lab File: VL026203.D

Acq: 10 Oct 2015 8:52

Instrument :

MSVOA_L

ClientSampleId :

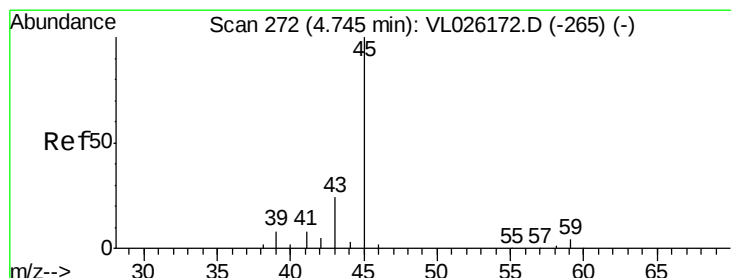
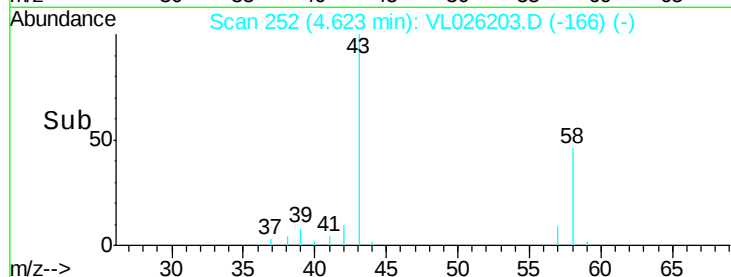
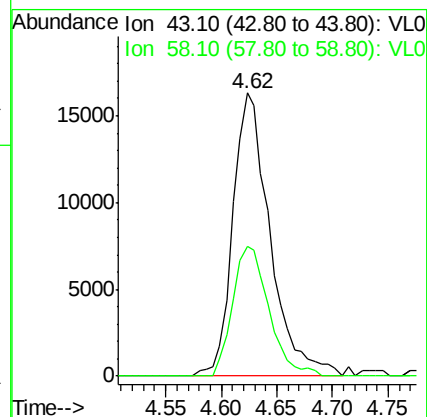
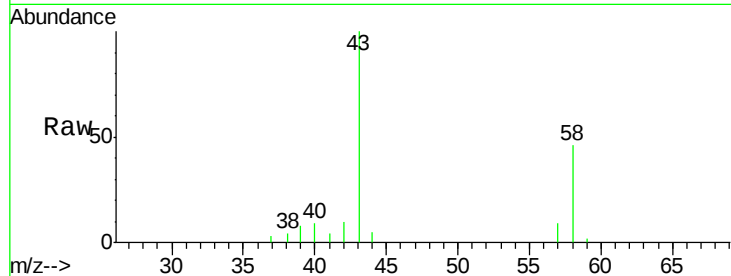
SG-3DL2

Tot Ion: 43 Resp: 37846

Ion Ratio Lower Upper

43 100

58 44.5 22.0 33.0#



#19

Isopropyl Alcohol

Concen: 0.10 ppbv

RT: 4.80 min Scan# 281

Delta R.T. 0.05 min

Lab File: VL026203.D

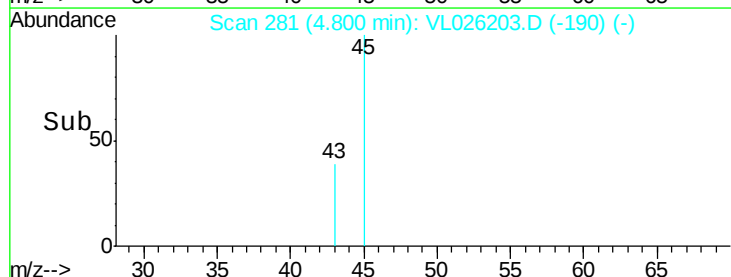
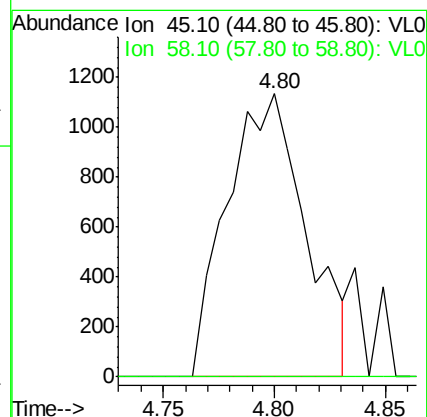
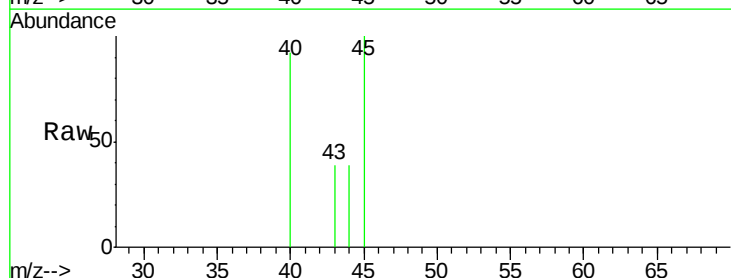
Acq: 10 Oct 2015 8:52

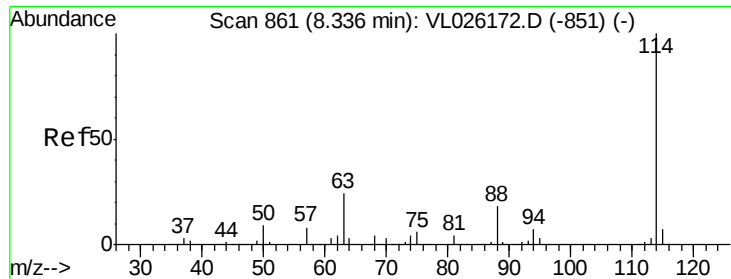
Tgt Ion: 45 Resp: 2804

Ion Ratio Lower Upper

45 100

58 600.2 1.7 2.5#

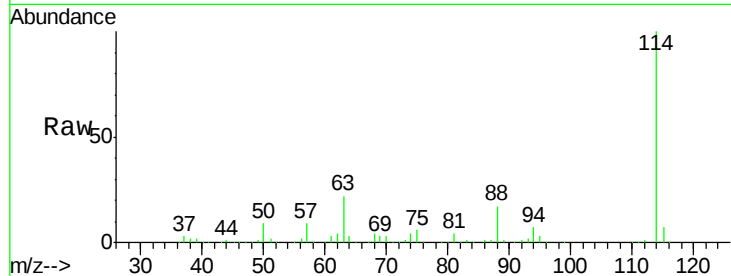




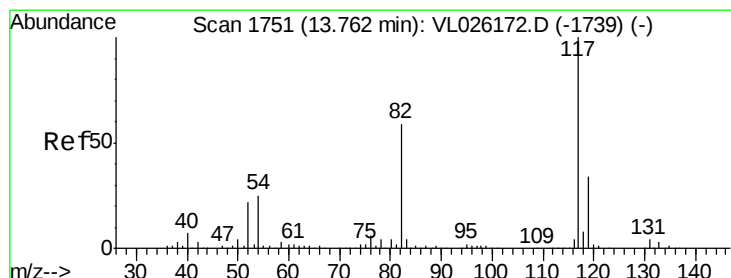
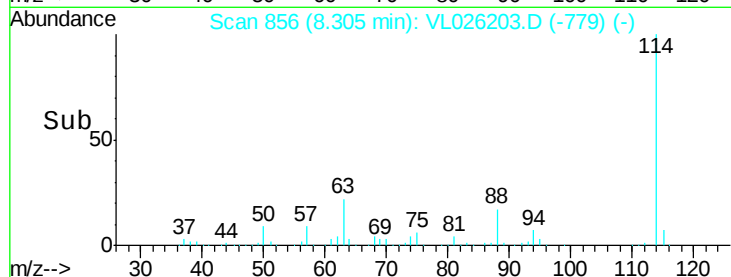
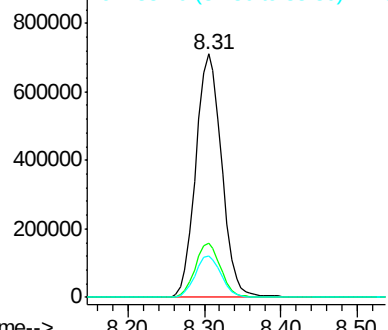
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.31 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: VL026203.D
 Acq: 10 Oct 2015 8:52

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL2

Tot Ion:114 Resp: 1665935
 Ion Ratio Lower Upper
 114 100
 63 22.0 19.0 28.6
 88 17.0 13.8 20.8

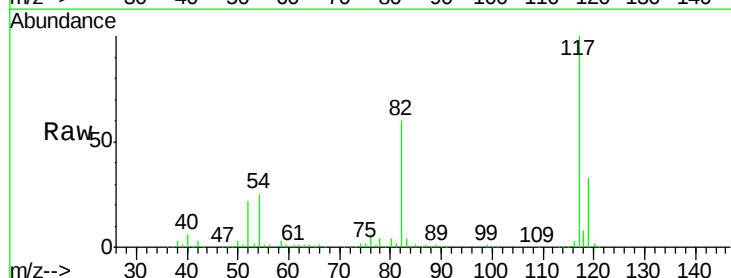


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

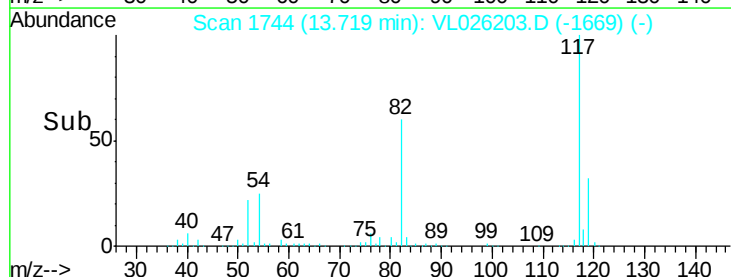
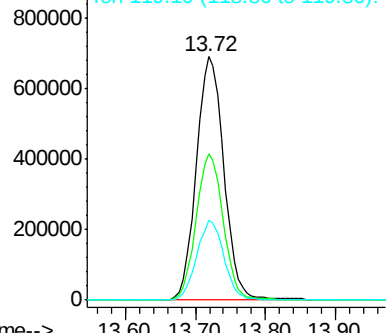


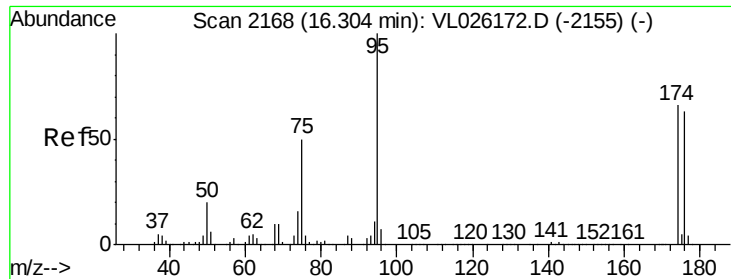
#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 13.72 min Scan# 1744
 Delta R.T. -0.04 min
 Lab File: VL026203.D
 Acq: 10 Oct 2015 8:52

Tgt Ion:117 Resp: 1901605
 Ion Ratio Lower Upper
 117 100
 82 59.6 47.7 71.5
 119 32.7 43.7 65.5#



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

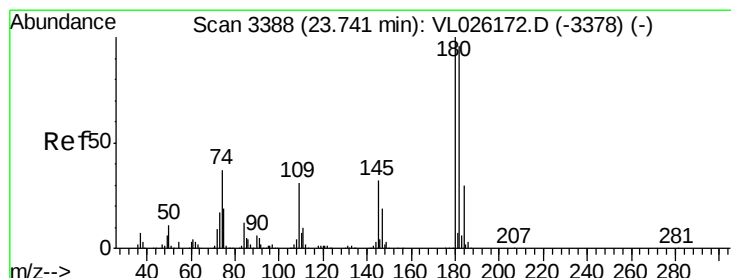
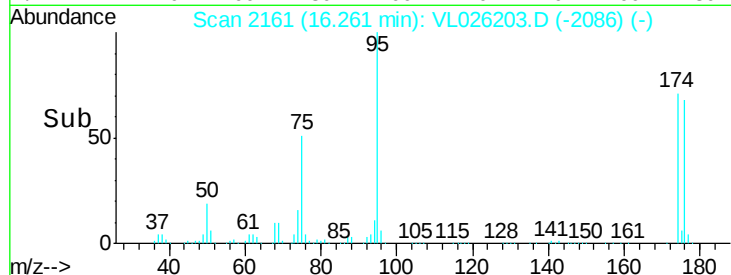
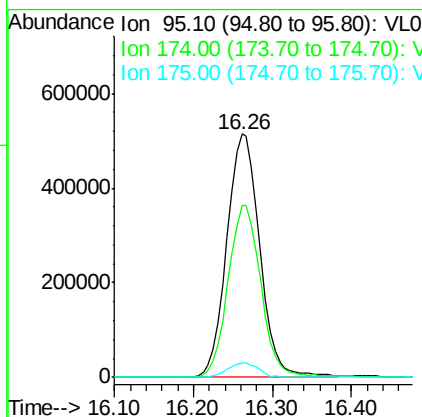
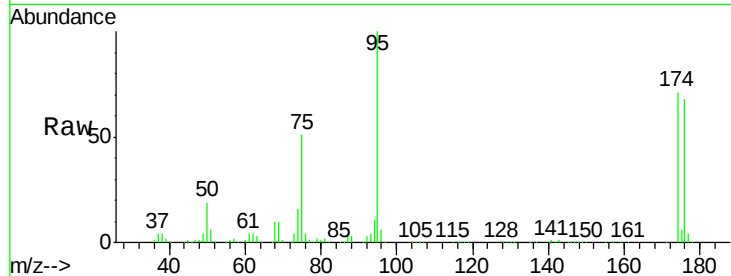




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.25 ppbv
 RT: 16.26 min Scan# 2161
 Delta R.T. -0.04 min
 Lab File: VL026203.D
 Acq: 10 Oct 2015 8:52

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL2

Tot Ion: 95 Resp: 1496860
 Ion Ratio Lower Upper
 95 100
 174 70.9 52.2 78.4
 175 5.6 3.9 5.9



#81
 1,2,4-Trichlorobenzene
 Concen: 0.09 ppbv
 RT: 23.20 min Scan# 3299
 Delta R.T. -0.54 min
 Lab File: VL026203.D
 Acq: 10 Oct 2015 8:52

Tgt Ion: 180 Resp: 6527
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.4 114.6#
 184 0.0 24.0 36.0#

