

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL102115\
 Data File : VL026248.D
 Acq On : 21 Oct 2015 21:44
 Operator : SY/MD
 Sample : G4128-01DL2 120X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INFDL2

Quant Time: Oct 22 14:51:40 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102015AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 21 01:20:55 2015
 QLast Update : Wed Oct 21 01:20:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.62	49	441981	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	8.29	114	1268048	10.00	ppbv	-0.02
55) Chlorobenzene-d5	13.71	117	1543687	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.25	95	1238675	10.40	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

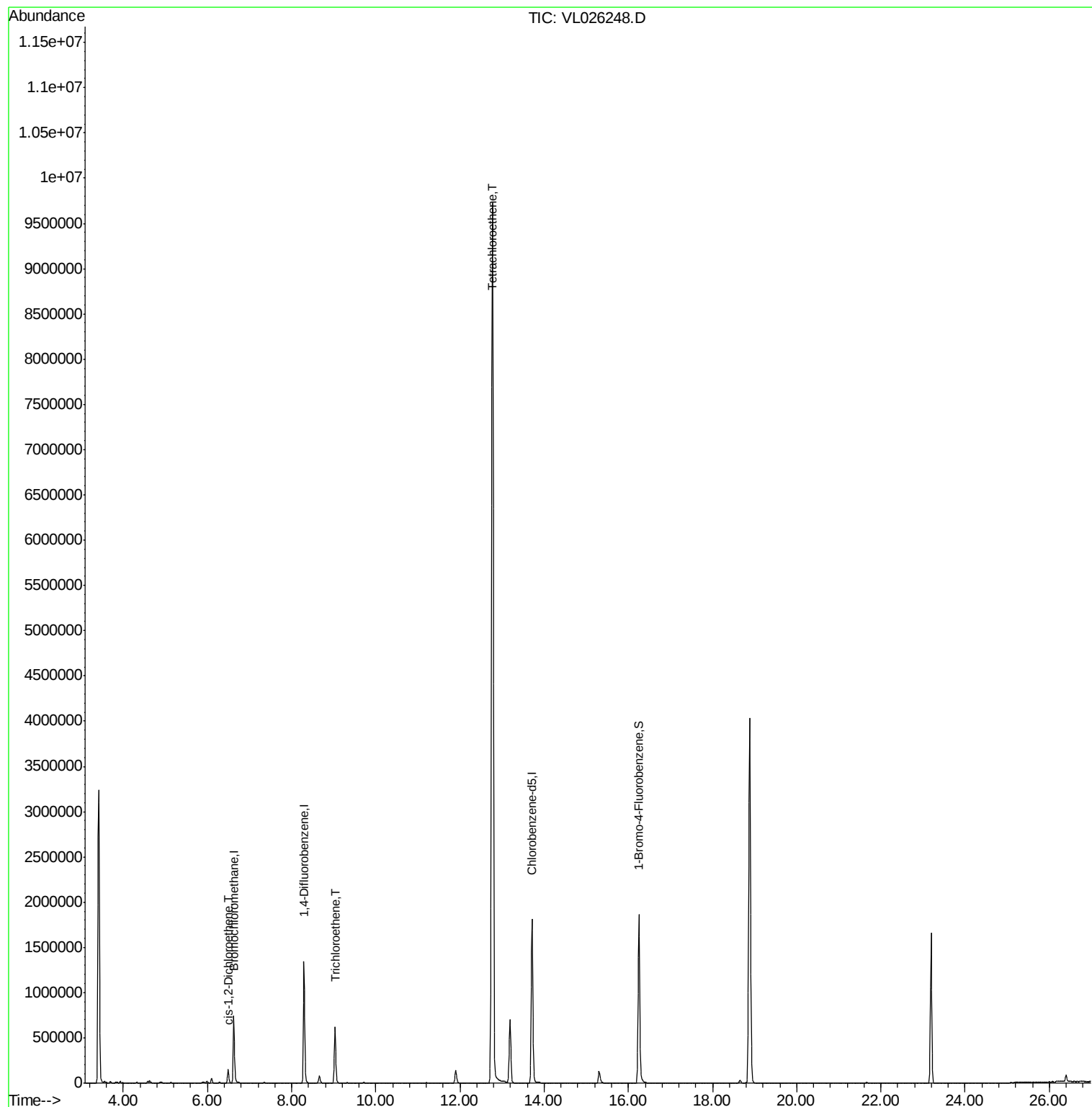
Target Compounds						Ovalue
31) cis-1,2-Dichloroethene	6.49	61	107800	1.95	ppbv	98
38) Trichloroethene	9.03	130	261562	4.17	ppbv	98
52) Tetrachloroethene	12.77	164	3902136	52.69	ppbv	98

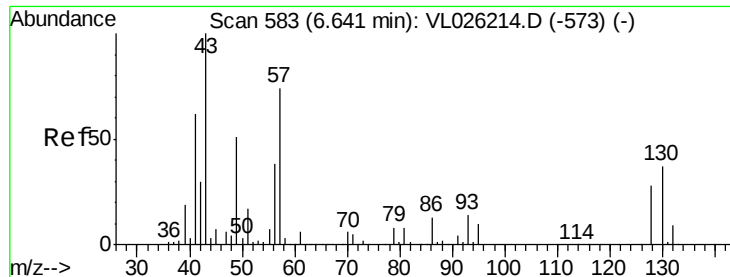
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 21 01:20:55 2015
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.62 min Scan# 580

Delta R.T. -0.02 min

Lab File: VL026248.D

Acq: 21 Oct 2015 21:44

Instrument :

MSVOA_L

ClientSampleId :

INFDL2

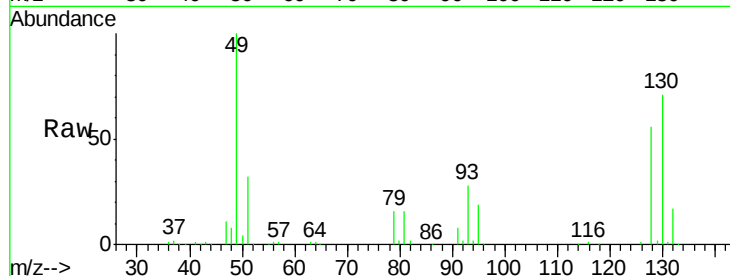
Tot Ion: 49 Resp: 441981

Ion Ratio Lower Upper

49 100

128 56.1 28.2 84.7

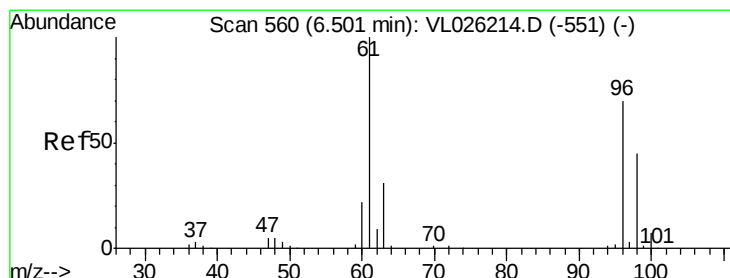
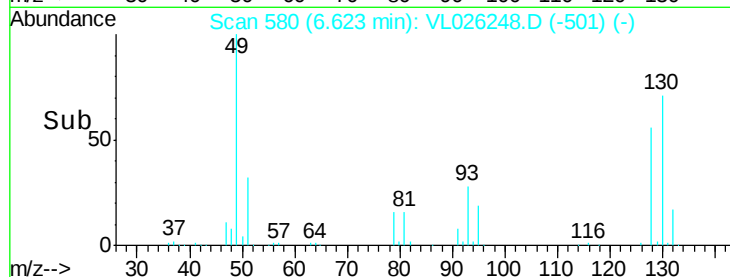
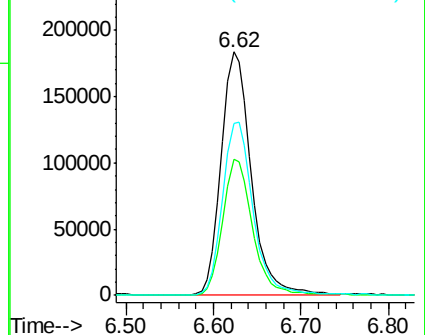
130 73.1 36.0 108.1



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



#31

cis-1,2-Dichloroethene

Concen: 1.95 ppbv

RT: 6.49 min Scan# 558

Delta R.T. -0.01 min

Lab File: VL026248.D

Acq: 21 Oct 2015 21:44

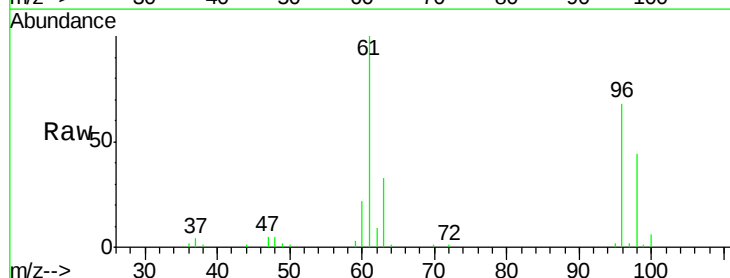
Tgt Ion: 61 Resp: 107800

Ion Ratio Lower Upper

61 100

96 68.4 56.0 84.0

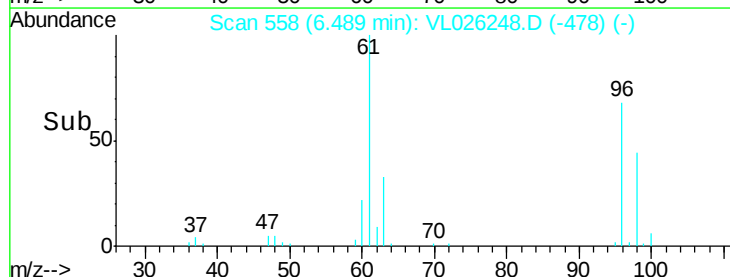
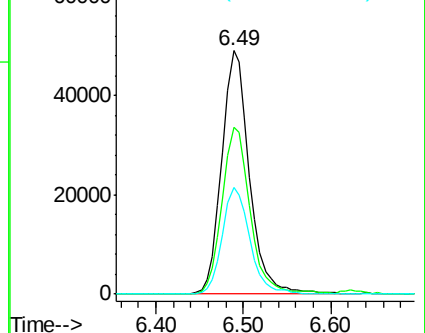
98 43.6 36.1 54.1

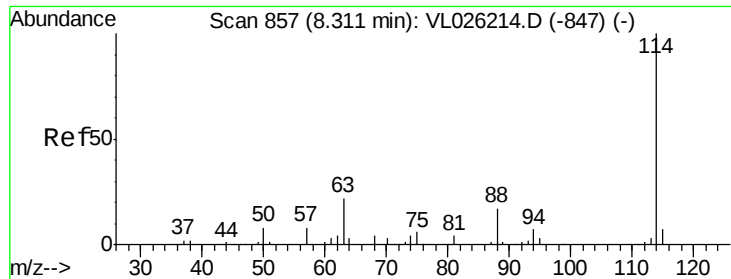


Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0

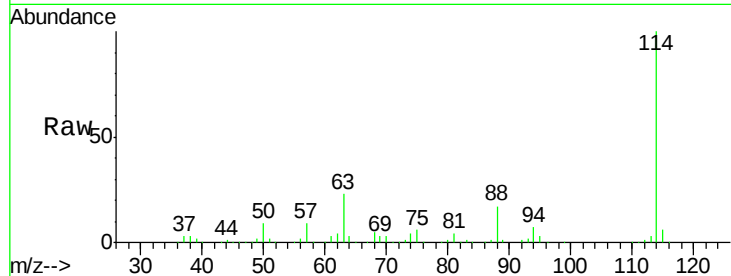




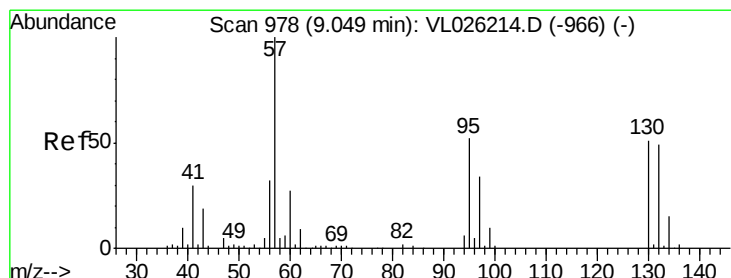
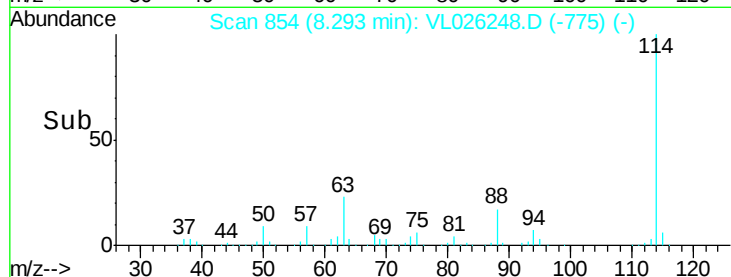
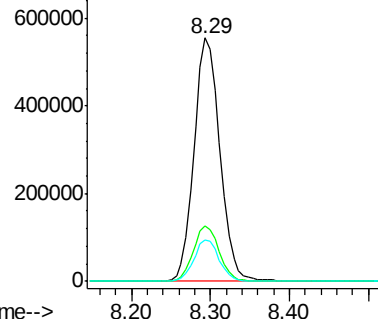
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.29 min Scan# 854
 Delta R.T. -0.02 min
 Lab File: VL026248.D
 Acq: 21 Oct 2015 21:44

Instrument :
 MSVOA_L
 ClientSampled :
 INFDL2

Tot Ion:114 Resp: 1268048
 Ion Ratio Lower Upper
 114 100
 63 22.8 18.2 27.4
 88 16.9 13.5 20.3

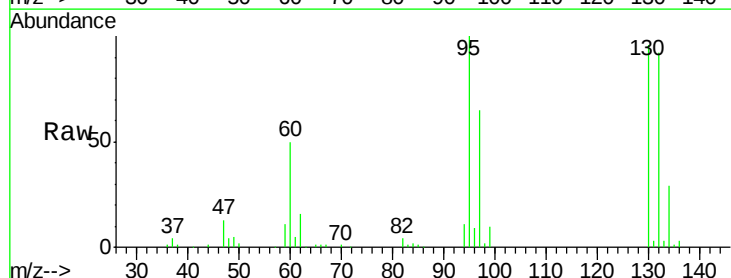


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

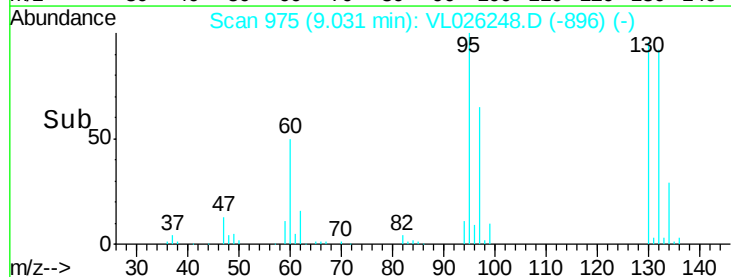
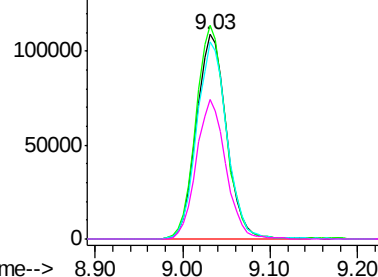


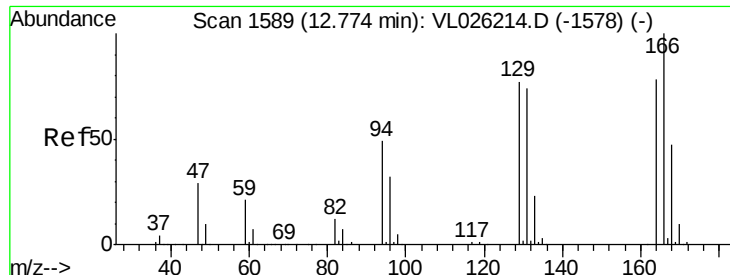
#38
 Trichloroethene
 Concen: 4.17 ppbv
 RT: 9.03 min Scan# 975
 Delta R.T. -0.02 min
 Lab File: VL026248.D
 Acq: 21 Oct 2015 21:44

Tgt Ion:130 Resp: 261562
 Ion Ratio Lower Upper
 130 100
 95 104.4 81.0 121.4
 132 96.1 76.5 114.7
 97 68.1 52.5 78.7



Abundance Ion 130.00 (129.70 to 130.70): V
 Ion 95.00 (94.70 to 95.70): VL0
 Ion 132.00 (131.70 to 132.70): V
 Ion 97.00 (96.70 to 97.70): VL0





#52

Tetrachloroethene

Concen: 52.69 ppbv

RT: 12.77 min Scan# 1589

Delta R.T. 0.00 min

Lab File: VL026248.D

Acq: 21 Oct 2015 21:44

Instrument :

MSVOA_L

ClientSampleId :

INFDL2

Tot Ion:164 Resp: 3902136

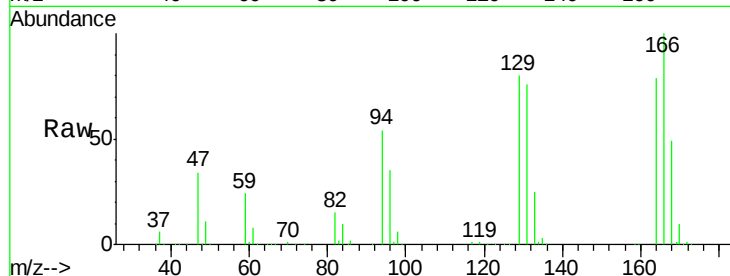
Ion Ratio Lower Upper

164 100

166 126.0 102.3 153.5

129 100.4 78.2 117.4

131 95.9 75.7 113.5

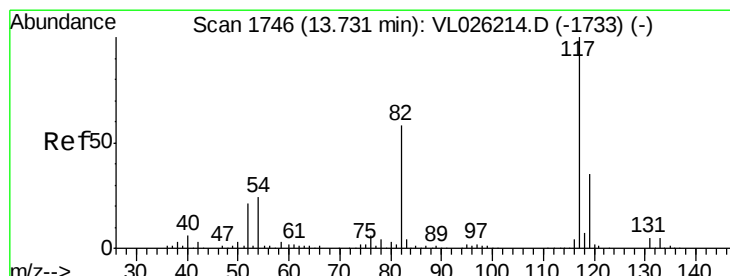
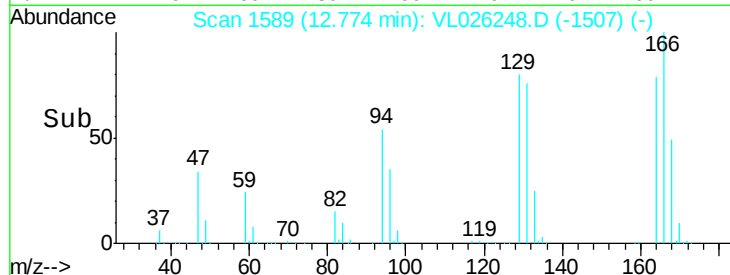
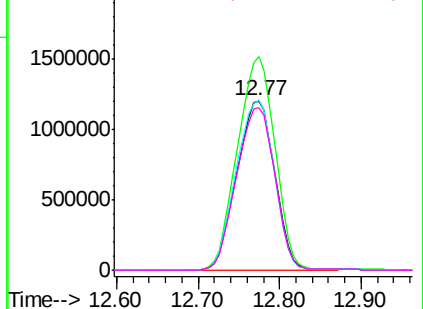


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 13.71 min Scan# 1743

Delta R.T. -0.02 min

Lab File: VL026248.D

Acq: 21 Oct 2015 21:44

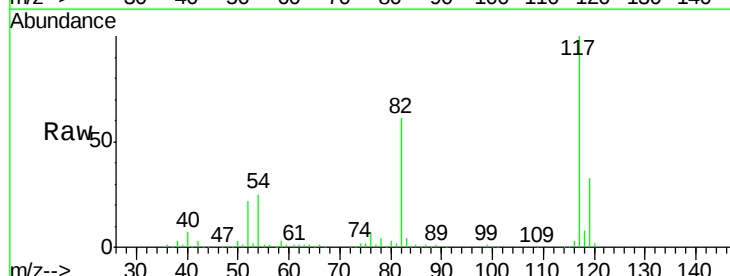
Tgt Ion:117 Resp: 1543687

Ion Ratio Lower Upper

117 100

82 61.1 45.8 68.8

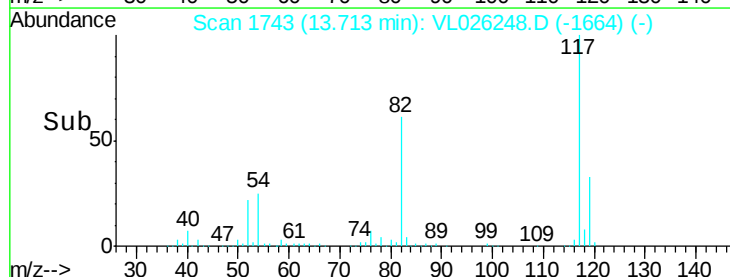
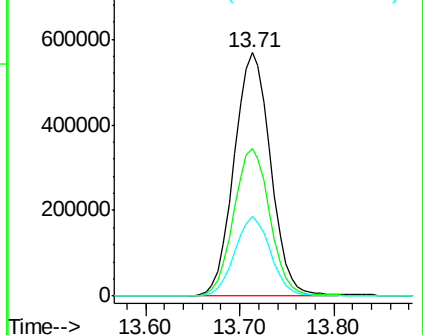
119 32.7 45.0 67.4#

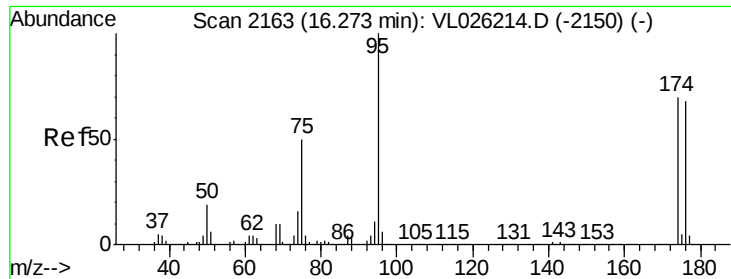


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.40 ppbv

RT: 16.25 min Scan# 2159

Delta R.T. -0.02 min

Lab File: VL026248.D

Acq: 21 Oct 2015 21:44

Instrument :

MSVOA_L

ClientSampleId :

INFDL2

Tot Ion: 95 Resp: 1238675

Ion Ratio Lower Upper

95 100

174 66.5 55.8 83.8

175 5.0 4.3 6.5

