Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025614.D
Acq On : 7 Jul 2015 19:18
Operator : SY/MD
Sample : G2653-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AIR-LOD

Manual Integrations APPROVED
sam
7/8/2015 11:06:14 AM

Quant Time: Jul 08 11:26:55 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 0
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.65	49	567018	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.33	114	1541589	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.75	117	1972132	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.29	95	1776052m	10.68	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.80%			
Target Compounds						Qvalue
13) Ethanol	4.37	45	1559m	0.38	ppbv	
40) 1,4-Dioxane	9.21	88	1204	0.14	ppbv	# 1

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

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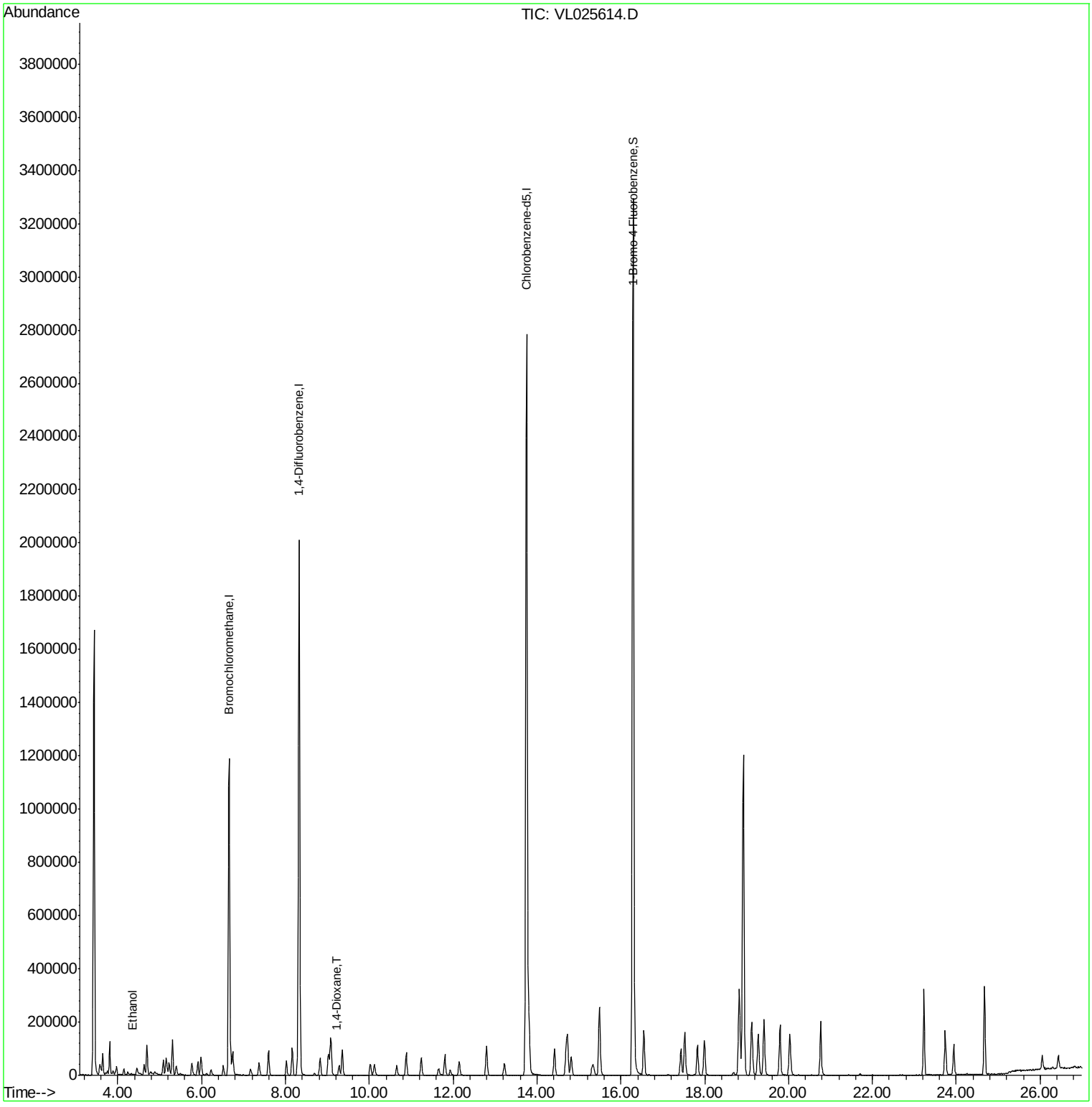
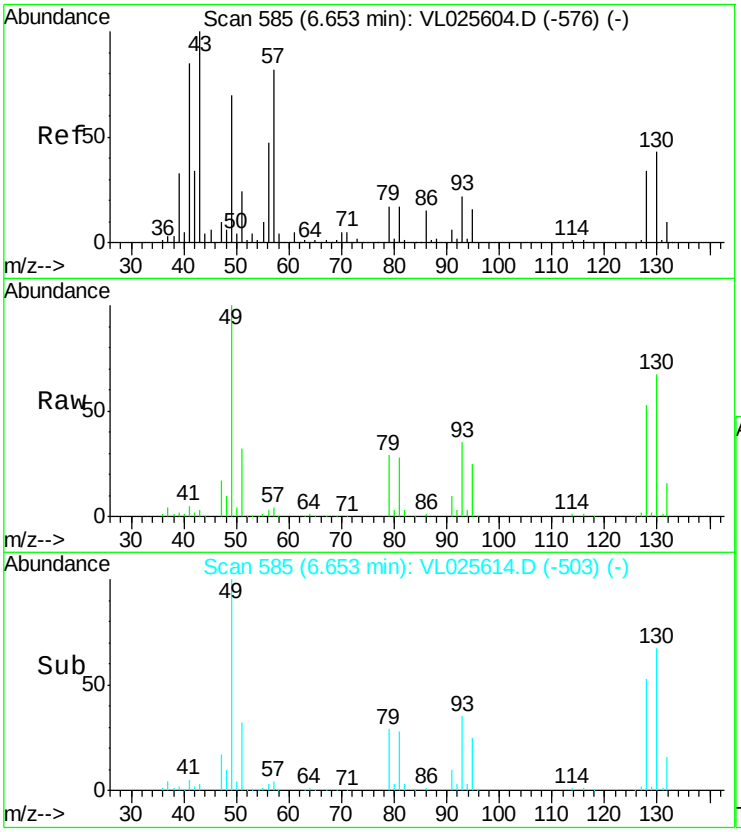
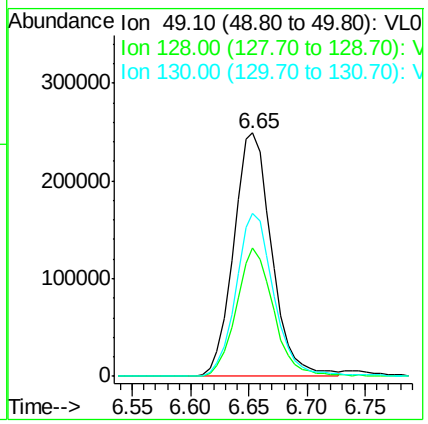




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.65 min Scan# 585
Delta R.T. -0.00 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

Tgt Ion: 49 Resp: 567018

Ion	Ratio	Lower	Upper
49	100		
128	52.2	25.4	76.0
130	67.6	31.9	95.9



Instrument :
MSVOA_L
ClientSampleId :
AIR-LOD

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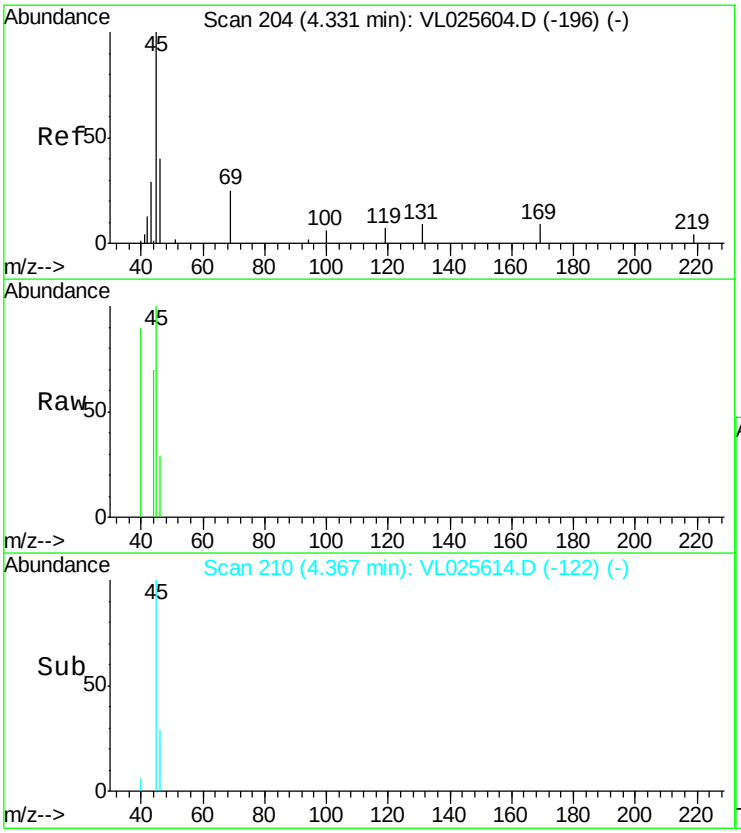
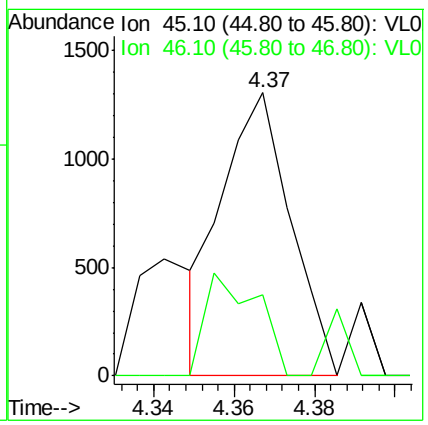
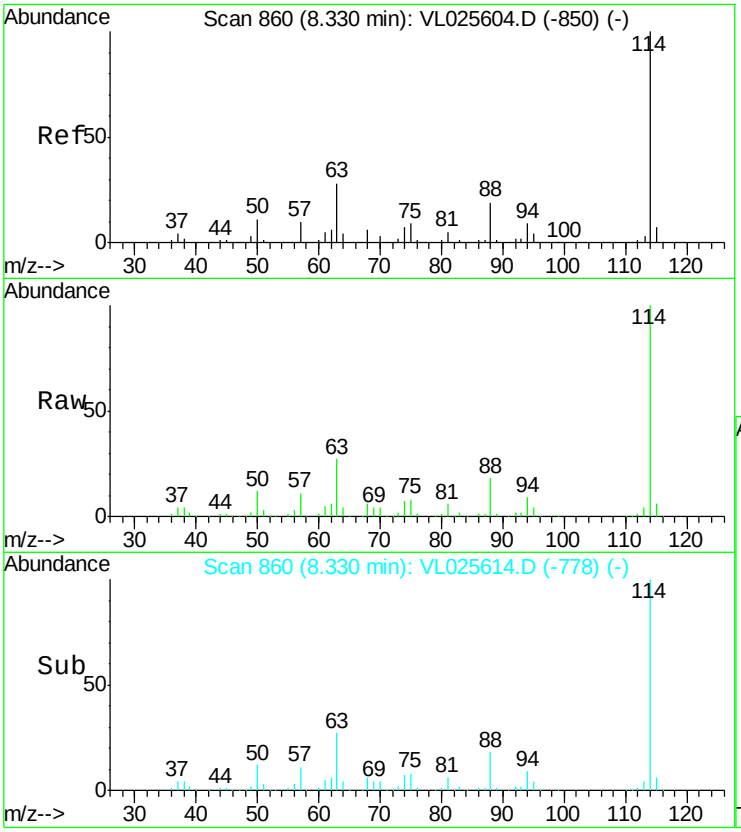


#13
Ethanol
Concen: 0.38 ppbv m
RT: 4.37 min Scan# 210
Delta R.T. 0.04 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

Tgt Ion: 45 Resp: 1559

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.0	64.0#

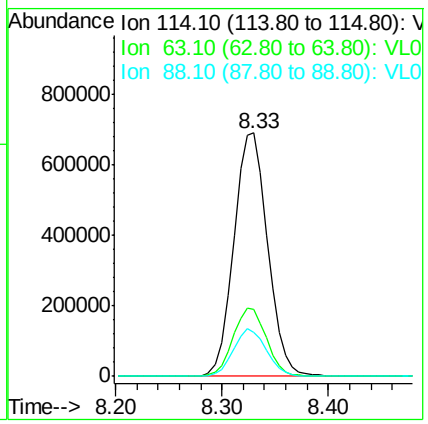




#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.33 min Scan# 860
Delta R.T. -0.00 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

Tgt Ion:114 Resp: 1541589

Ion	Ratio	Lower	Upper
114	100		
63	28.1	22.4	33.6
88	19.1	15.0	22.4



Instrument :
MSVOA_L
ClientSampleId :
AIR-LOD

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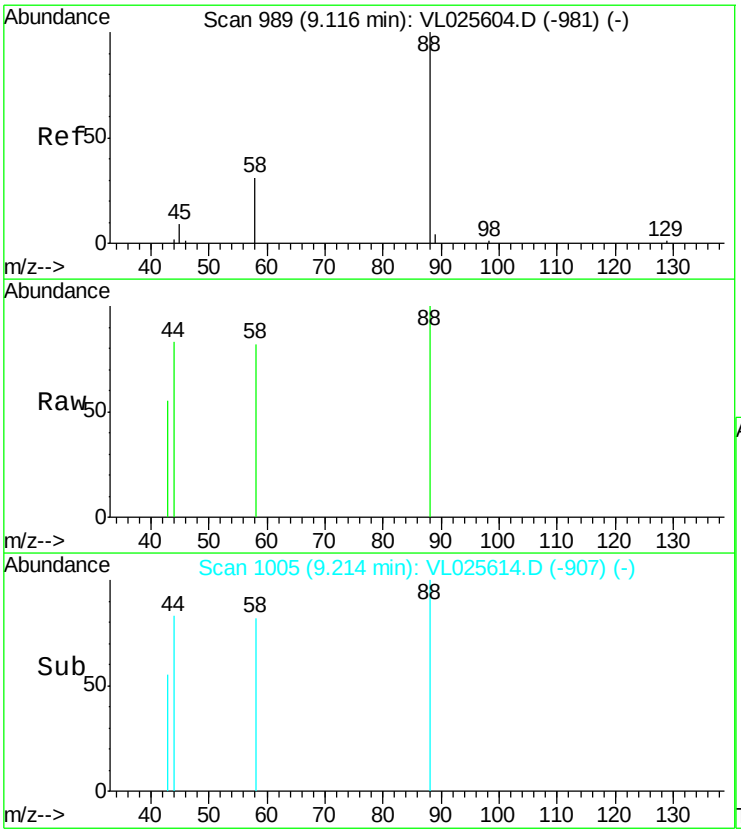
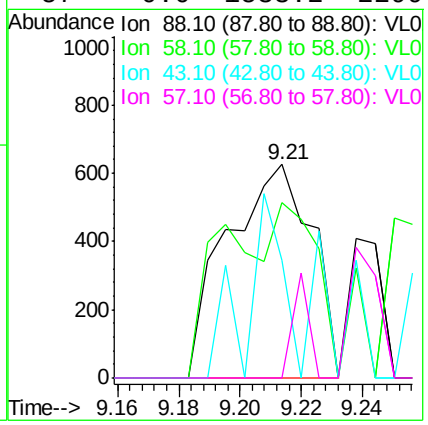
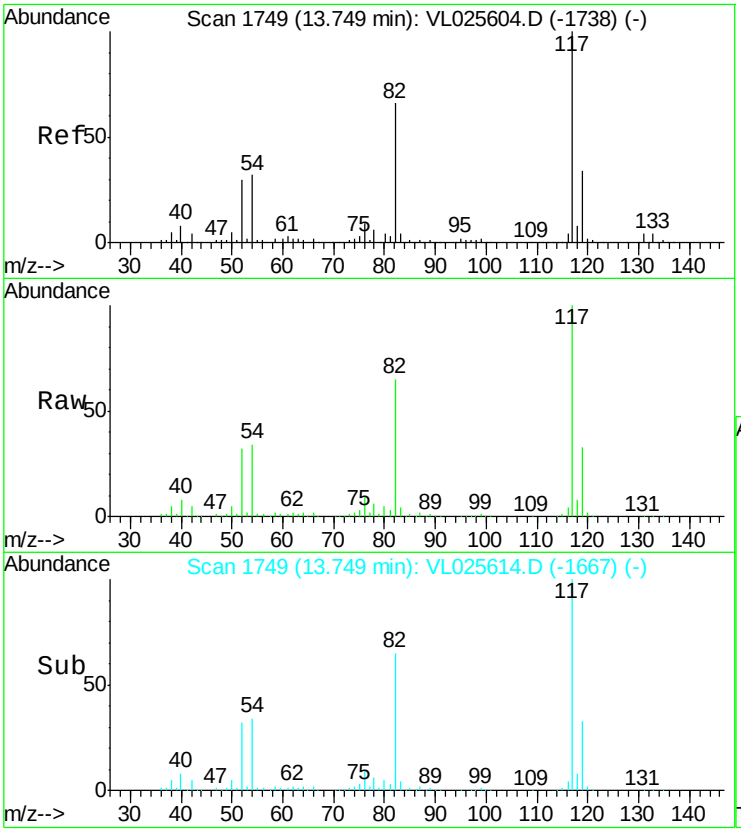


#40
1,4-Dioxane
Concen: 0.14 ppbv
RT: 9.21 min Scan# 1005
Delta R.T. 0.10 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

Tgt Ion: 88 Resp: 1204

Ion	Ratio	Lower	Upper
88	100		
58	137.2	127.1	190.7
43	0.0	337.7	506.5#
57	0.0	1533.2	2299.8#

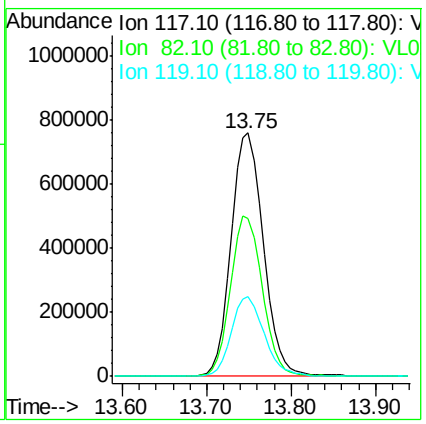




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.75 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

Tgt Ion:117 Resp: 1972132

Ion	Ratio	Lower	Upper
117	100		
82	65.4	50.5	75.7
119	33.5	45.1	67.7#



Instrument :
MSVOA_L
ClientSampleId :
AIR-LOD

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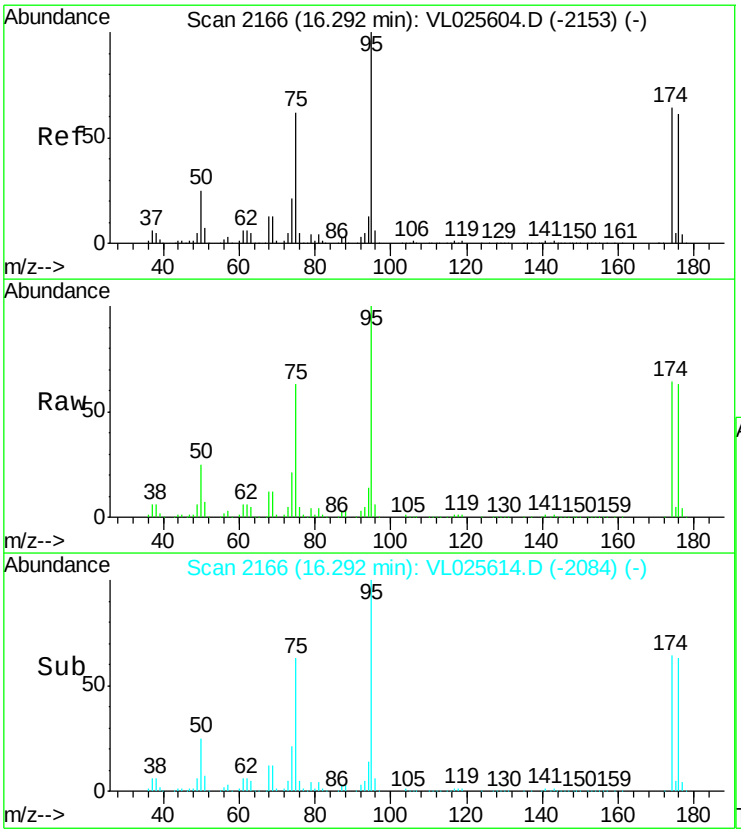

#68
1-Bromo-4-Fluorobenzene
Concen: 10.68 ppbv m
RT: 16.29 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

Tgt Ion: 95 Resp: 1776052

Ion	Ratio	Lower	Upper
95	100		
174	0.0	52.0	78.0#
175	0.0	3.9	5.9#