Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112018\
Data File : VL032803.D
Acq On : 21 Nov 2018 7:10
Operator : SY/AP
Sample : J6015-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

Manual Integrations
APPROVED
MMDadoda
11/26/2018 9:19:07 AM

Quant Time: Nov 21 08:00:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 1
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1265491	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3201170	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2857365	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2283956	10.69	ppbv	0.00

Spiked Amount 10.000 Range 65 - 135 Recovery = 106.90%

Target Compounds						Qvalue
13) Ethanol	3.68	45	29269m	2.226	ppbv	
15) Acetone	3.93	43	34457	0.298	ppbv	100

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

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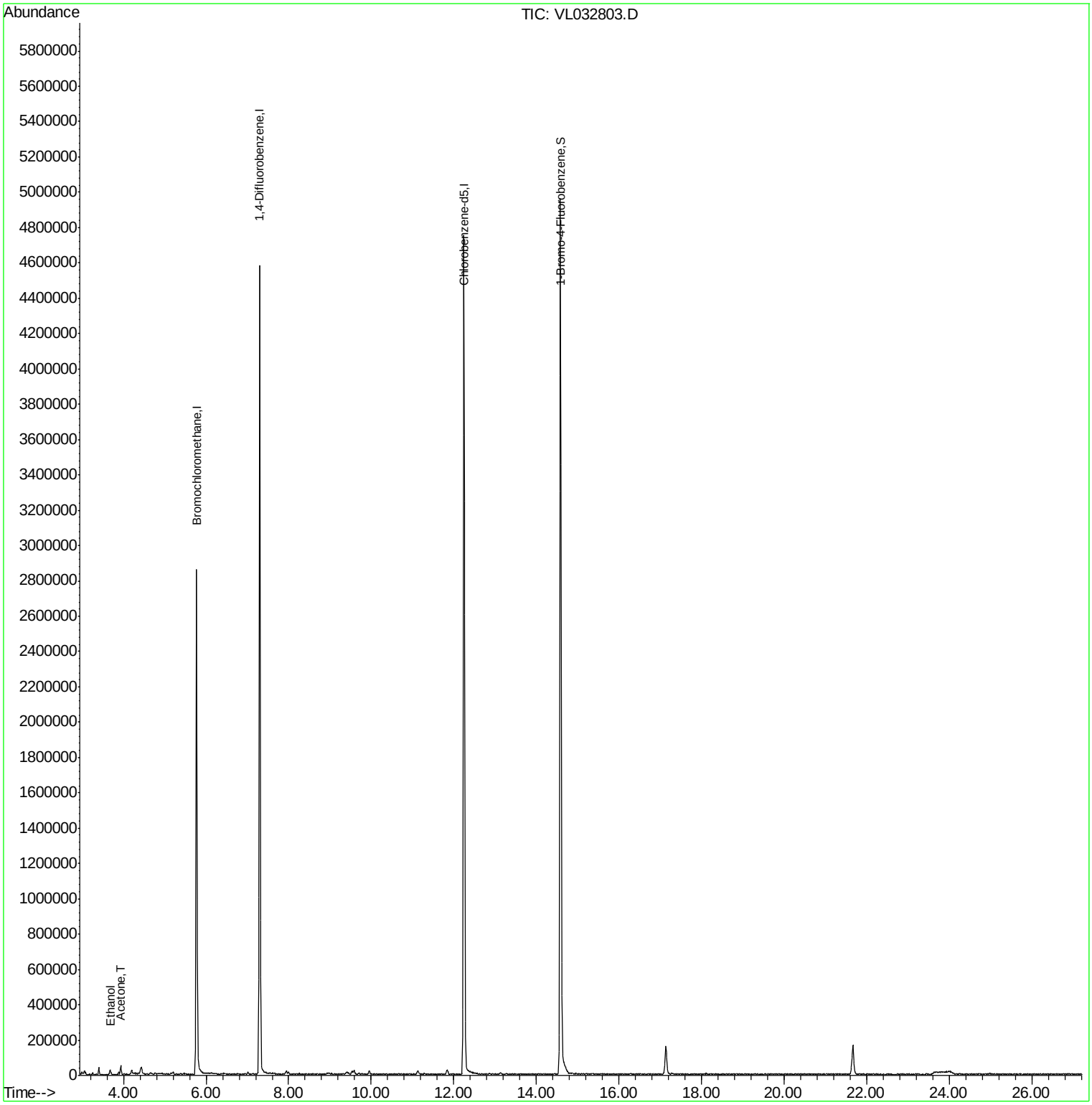

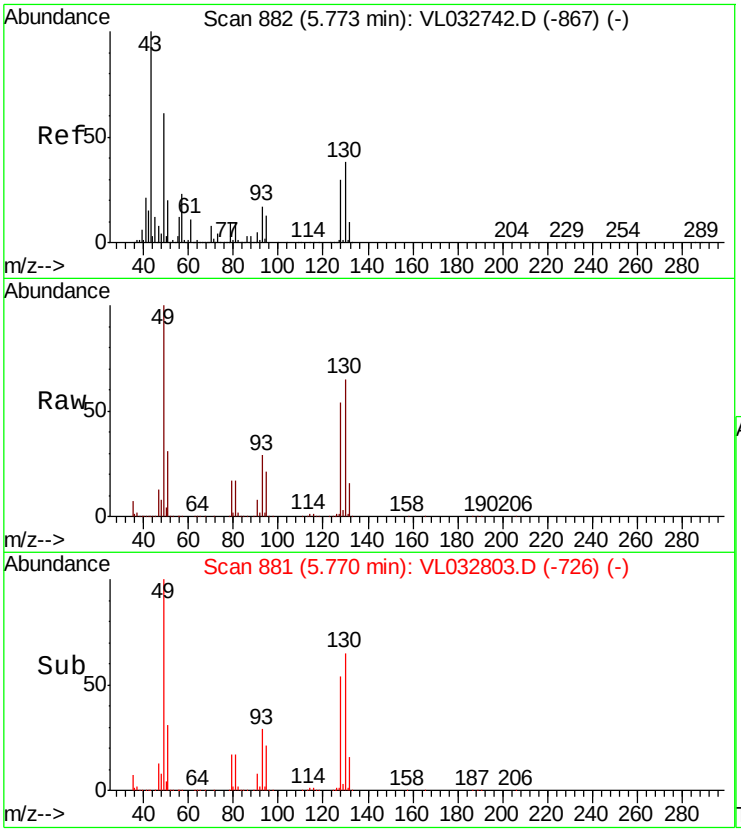

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 881
Delta R.T. -0.00 min
Lab File: VL032803.D
Acq: 21 Nov 2018 7:10

Tgt Ion: 49 Resp: 1265491

Ion	Ratio	Lower	Upper
49	100		
128	52.8	24.9	74.6
130	67.3	31.4	94.2

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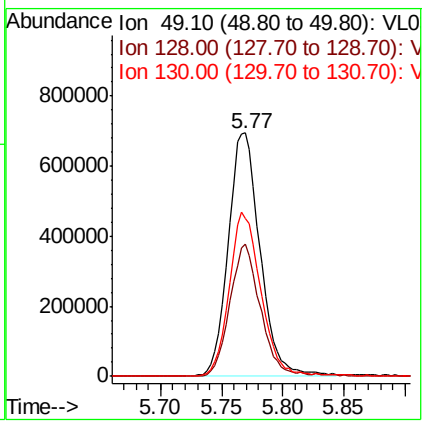
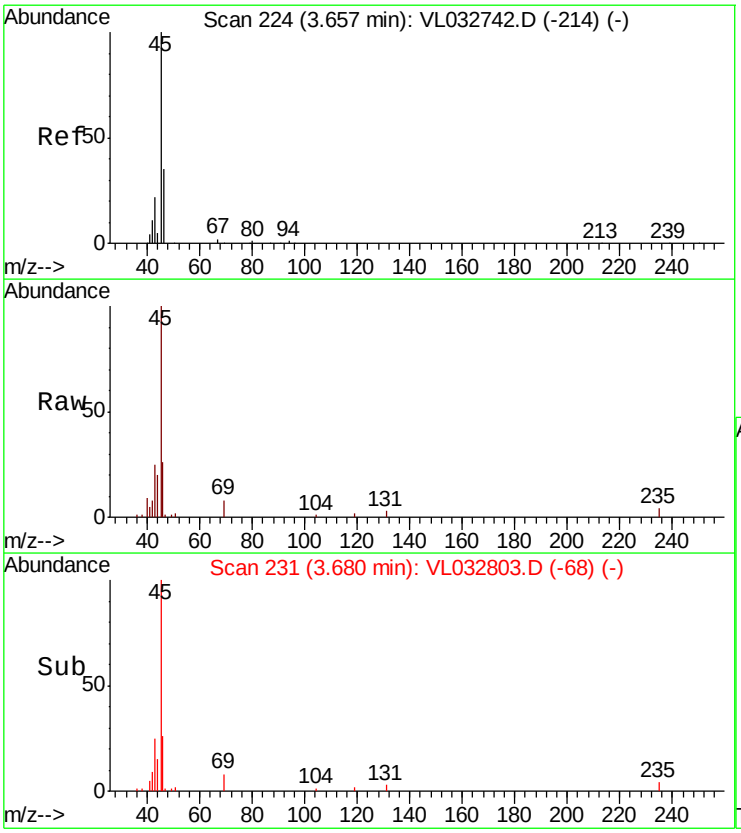
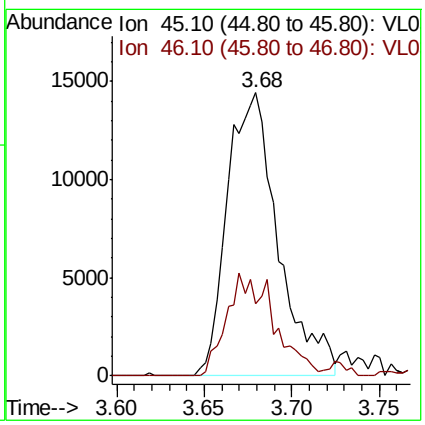


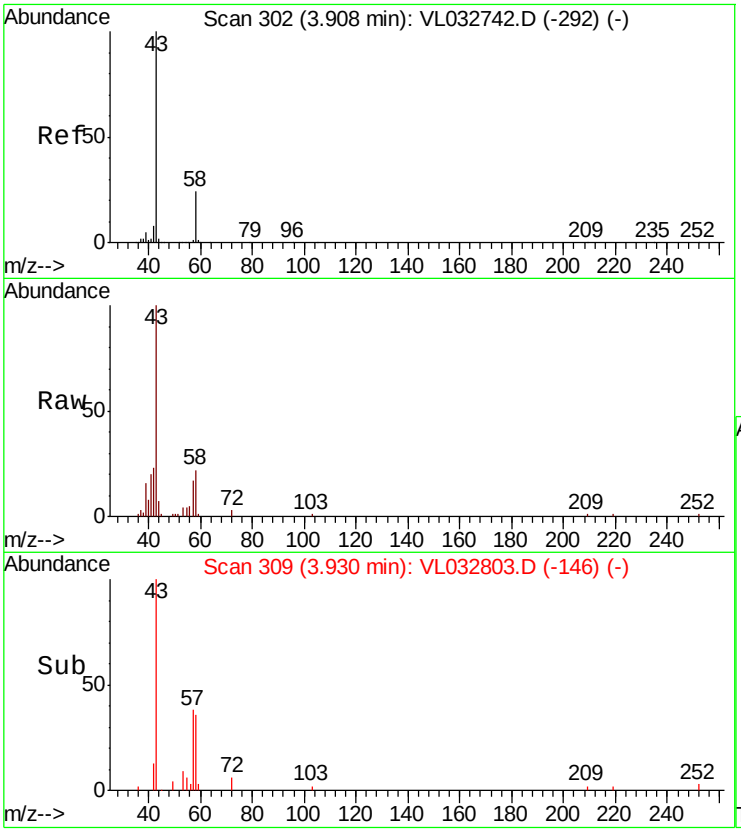


#13
Ethanol
Concen: 2.226 ppbv m
RT: 3.68 min Scan# 231
Delta R.T. 0.02 min
Lab File: VL032803.D
Acq: 21 Nov 2018 7:10

Tgt Ion: 45 Resp: 29269

Ion	Ratio	Lower	Upper
45	100		
46	35.2	14.5	57.9





#15
Acetone
Concen: 0.298 ppbv
RT: 3.93 min Scan# 309
Delta R.T. 0.02 min
Lab File: VL032803.D
Acq: 21 Nov 2018 7:10

Tgt Ion: 43 Resp: 34457

Ion	Ratio	Lower	Upper
43	100		
58	26.6	21.1	31.7

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

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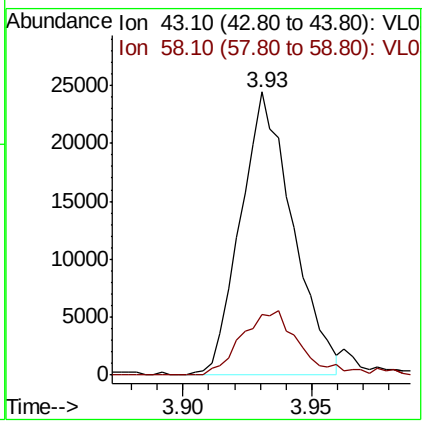
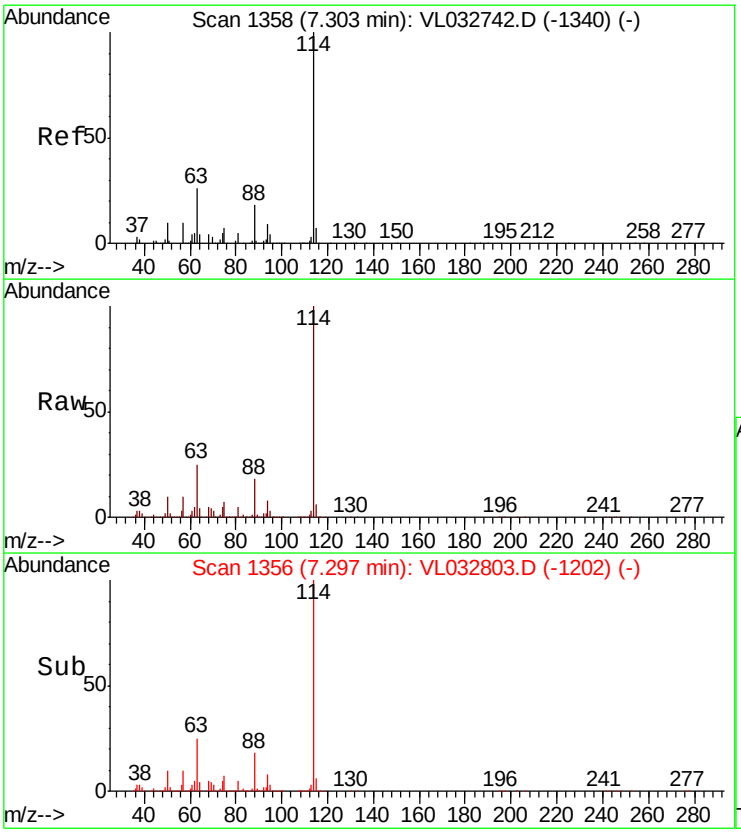
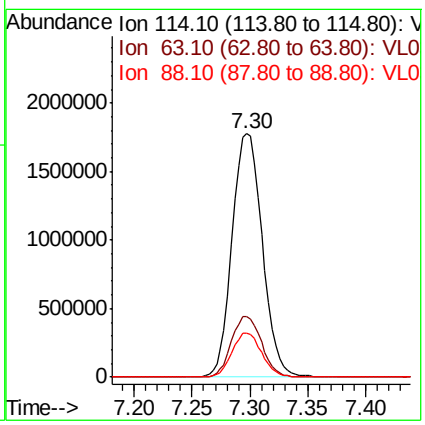


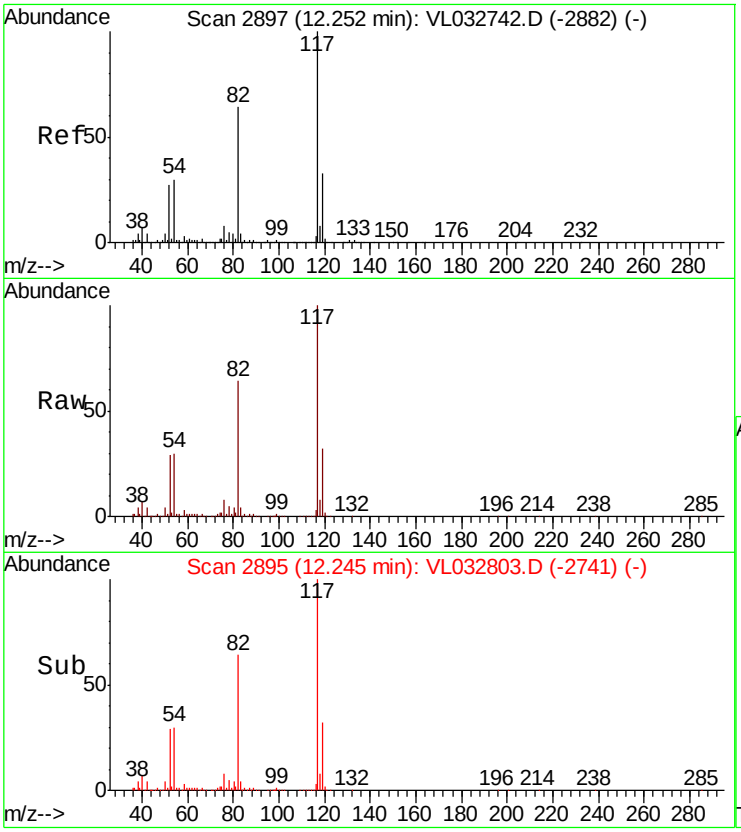


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL032803.D
Acq: 21 Nov 2018 7:10

Tgt Ion:114 Resp: 3201170

Ion	Ratio	Lower	Upper
114	100		
63	25.0	20.9	31.3
88	17.8	14.4	21.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032803.D
Acq: 21 Nov 2018 7:10

Tgt Ion:117 Resp: 2857365

Ion	Ratio	Lower	Upper
117	100		
82	64.7	51.0	76.6
119	32.1	28.0	42.0

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

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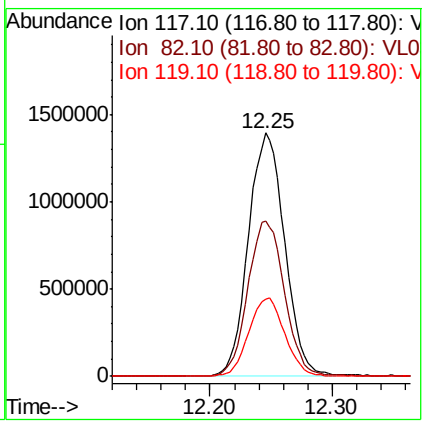
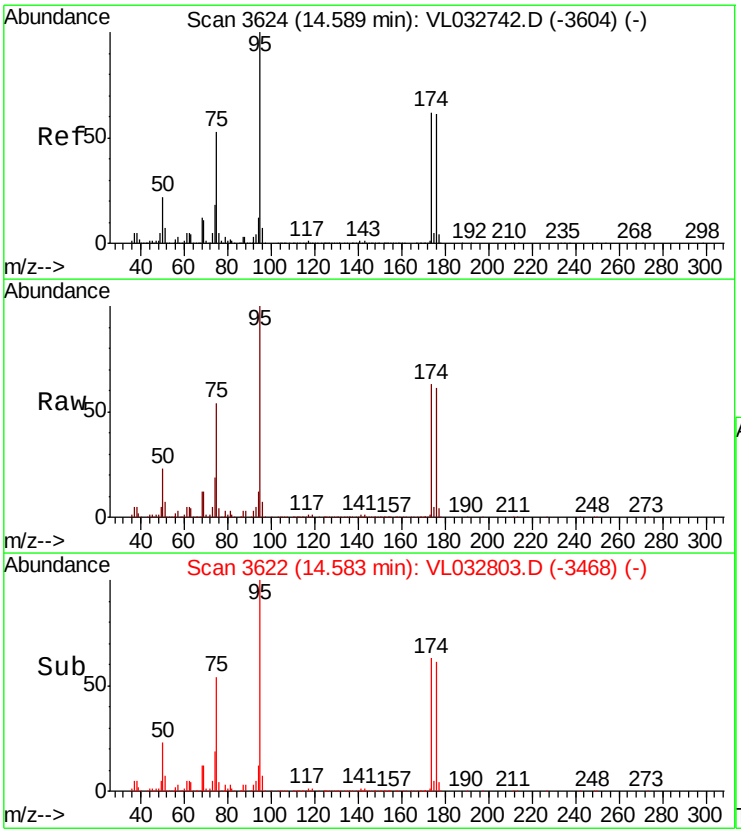
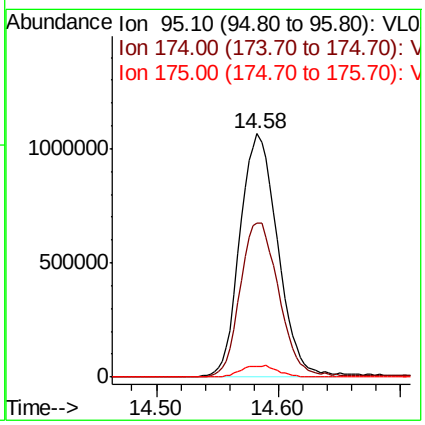




#68
1-Bromo-4-Fluorobenzene
Concen: 10.687 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032803.D
Acq: 21 Nov 2018 7:10

Tgt Ion: 95 Resp: 2283956

Ion	Ratio	Lower	Upper
95	100		
174	66.4	50.7	76.1
175	4.8	3.8	5.6