Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101718\
Data File : VL032635.D
Acq On : 17 Oct 2018 9:56
Operator : SY/AP
Sample : VL1017ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1017ABL01

Manual Integrations APPROVED
MMDadoda
10/19/2018 4:36:32 PM

Quant Time: Oct 19 02:07:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 1
QLast Update : Wed Oct 17 08:55:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1081758	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	2506059	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.26	117	2520376	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.60	95	1864217	9.82	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.20%			
Target Compounds						Qvalue
15) Acetone	3.94	43	17937m	0.19	ppbv	
20) Methylene Chloride	4.42	84	5775m	0.13	ppbv	

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

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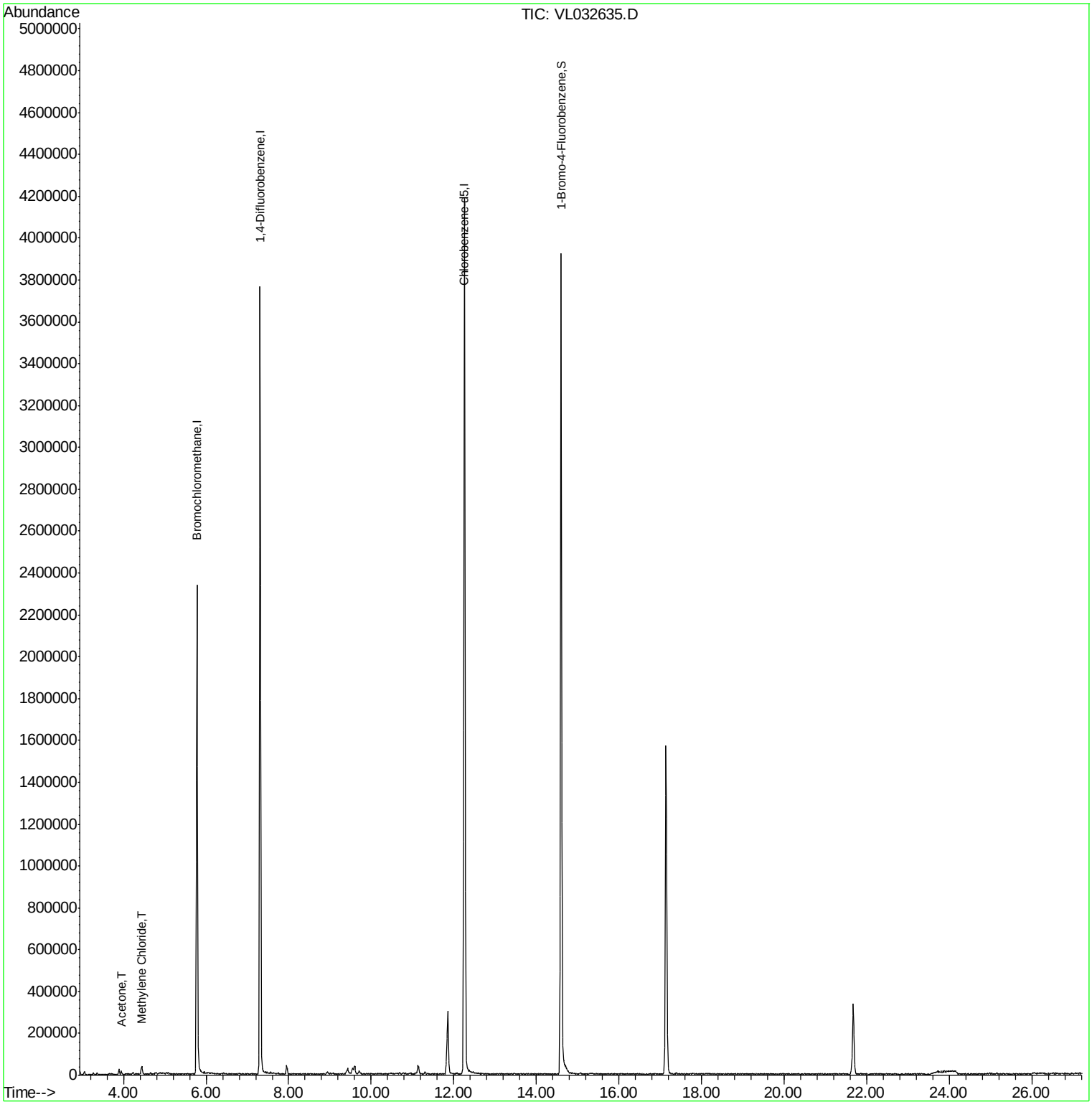
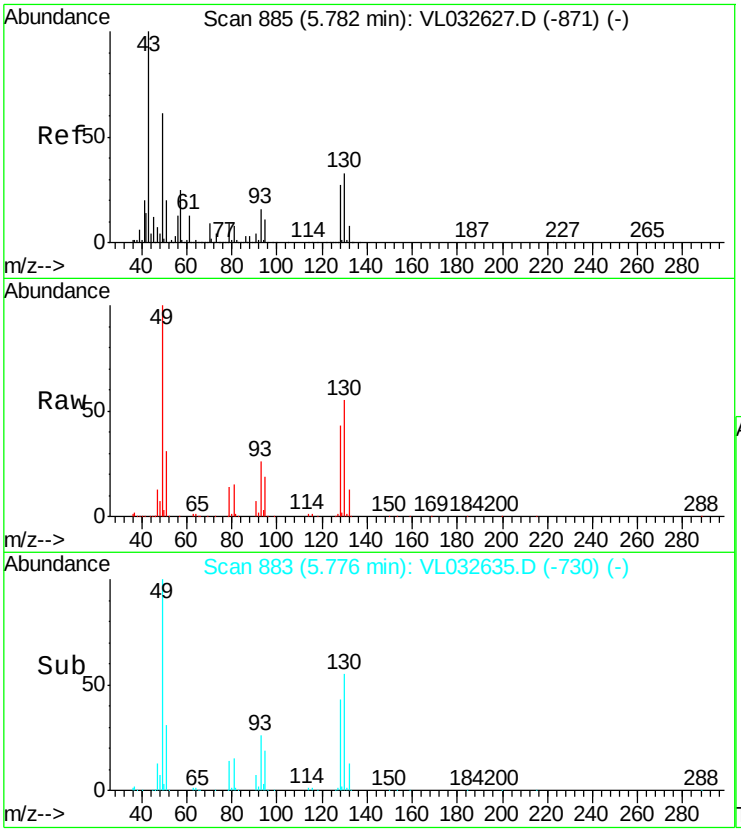
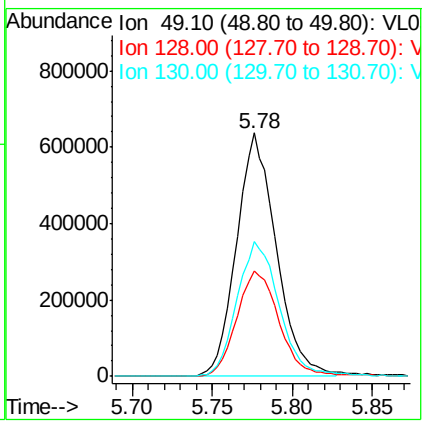




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.01 min
Lab File: VL032635.D
Acq: 17 Oct 2018 9:56

Tgt Ion: 49 Resp: 1081758

Ion	Ratio	Lower	Upper
49	100		
128	46.7	22.3	66.8
130	59.8	28.4	85.3



Instrument :
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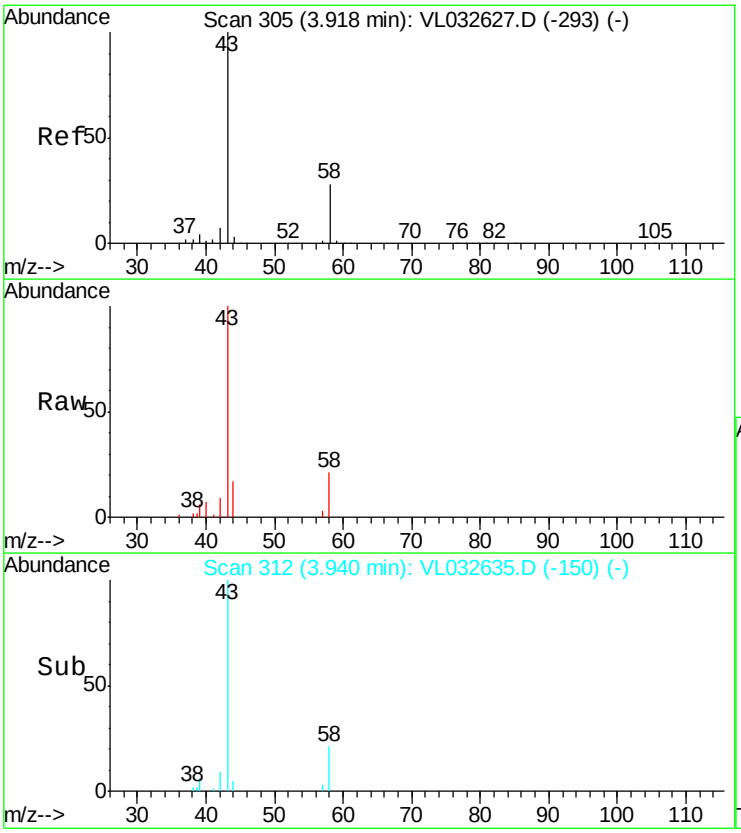
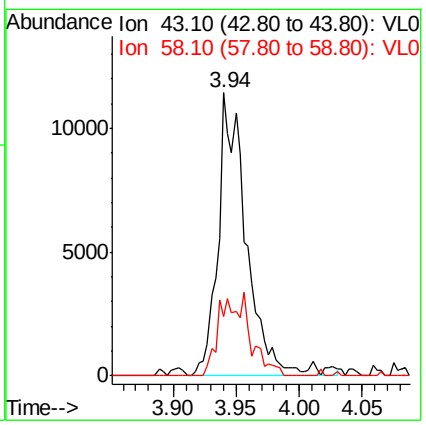
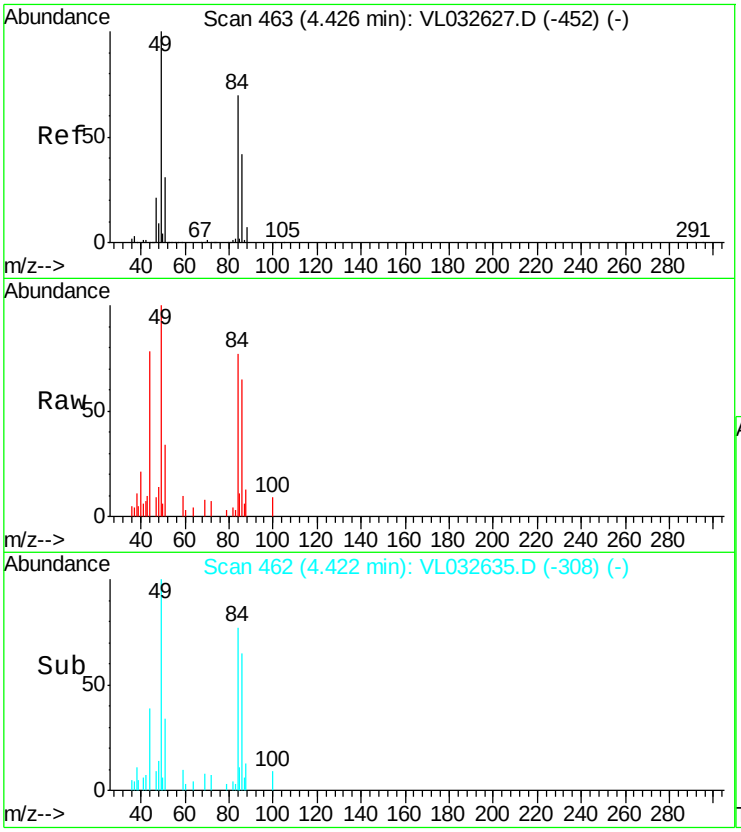


#15
Acetone
Concen: 0.19 ppbv m
RT: 3.94 min Scan# 312
Delta R.T. 0.02 min
Lab File: VL032635.D
Acq: 17 Oct 2018 9:56

Tgt Ion: 43 Resp: 17937

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.1	33.1#

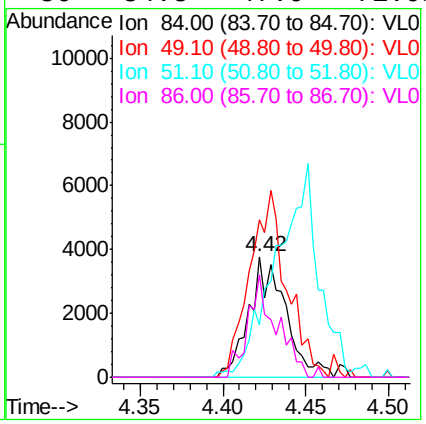




#20
Methylene Chloride
Concen: 0.13 ppbv m
RT: 4.42 min Scan# 462
Delta R.T. -0.00 min
Lab File: VL032635.D
Acq: 17 Oct 2018 9:56

Tgt Ion: 84 Resp: 5775

Ion	Ratio	Lower	Upper
84	100		
49	130.4	113.5	170.3
51	43.8	34.8	52.2
86	84.3	47.9	71.9#



Instrument :
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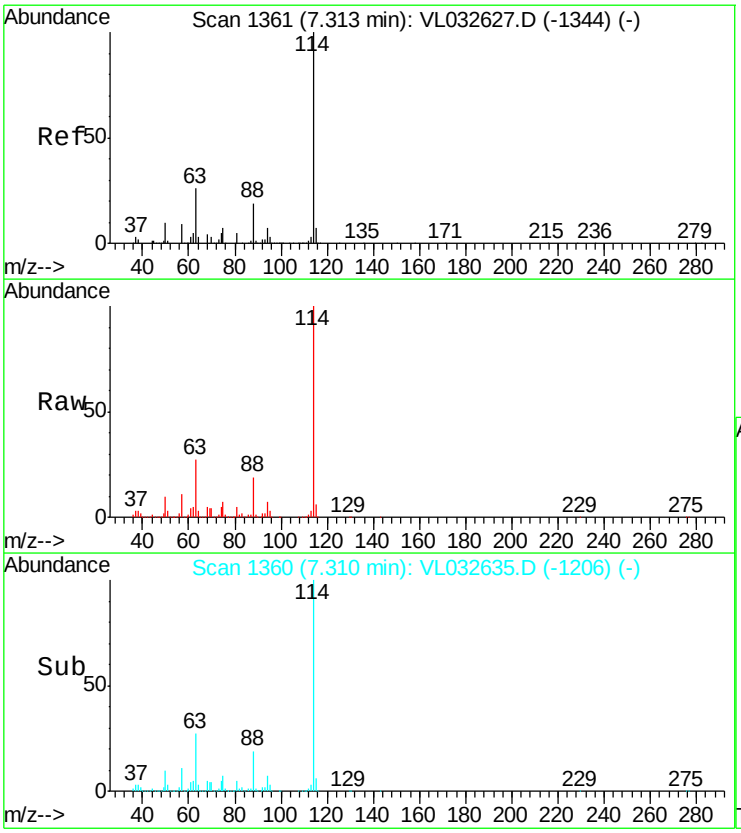
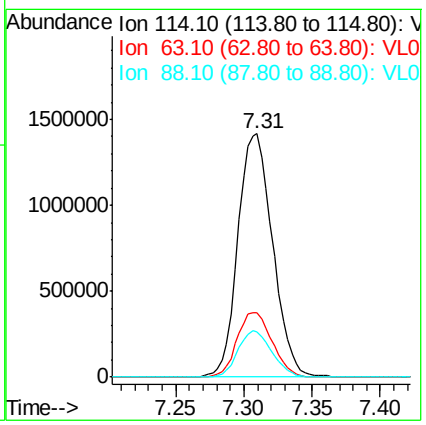
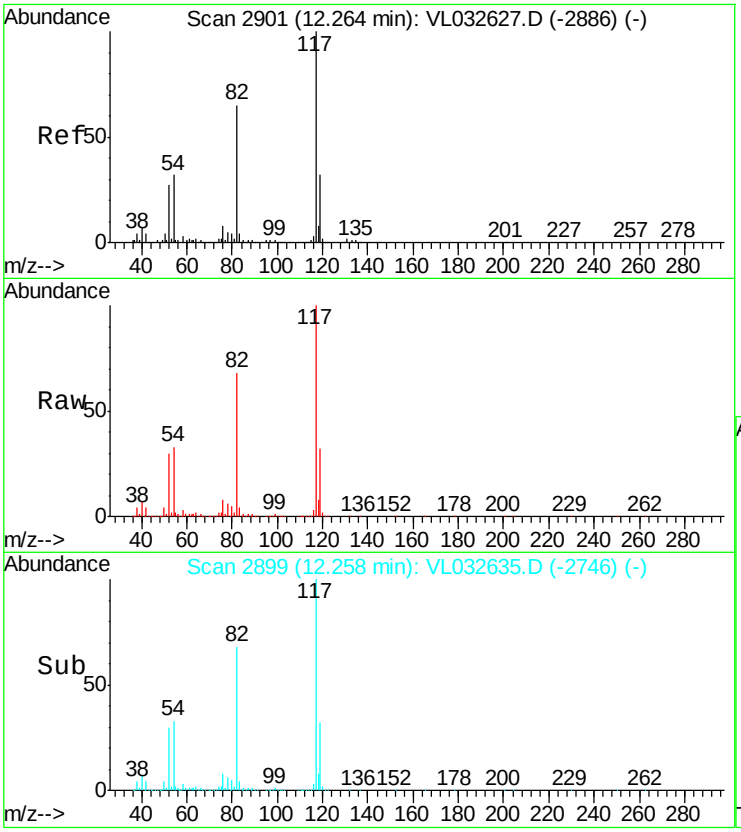


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.31 min Scan# 1360
Delta R.T. -0.00 min
Lab File: VL032635.D
Acq: 17 Oct 2018 9:56

Tgt Ion:114 Resp: 2506059

Ion	Ratio	Lower	Upper
114	100		
63	27.0	21.7	32.5
88	18.7	14.9	22.3

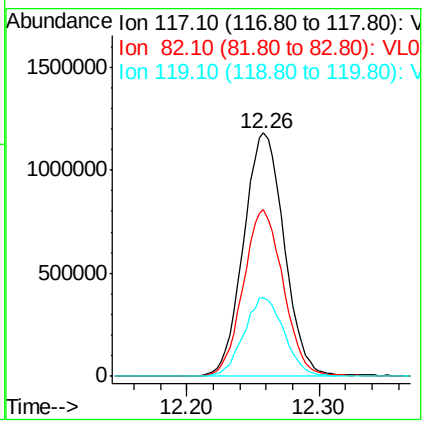




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.26 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL032635.D
Acq: 17 Oct 2018 9:56

Tgt Ion:117 Resp: 2520376

Ion	Ratio	Lower	Upper
117	100		
82	67.9	52.7	79.1
119	32.1	26.7	40.1



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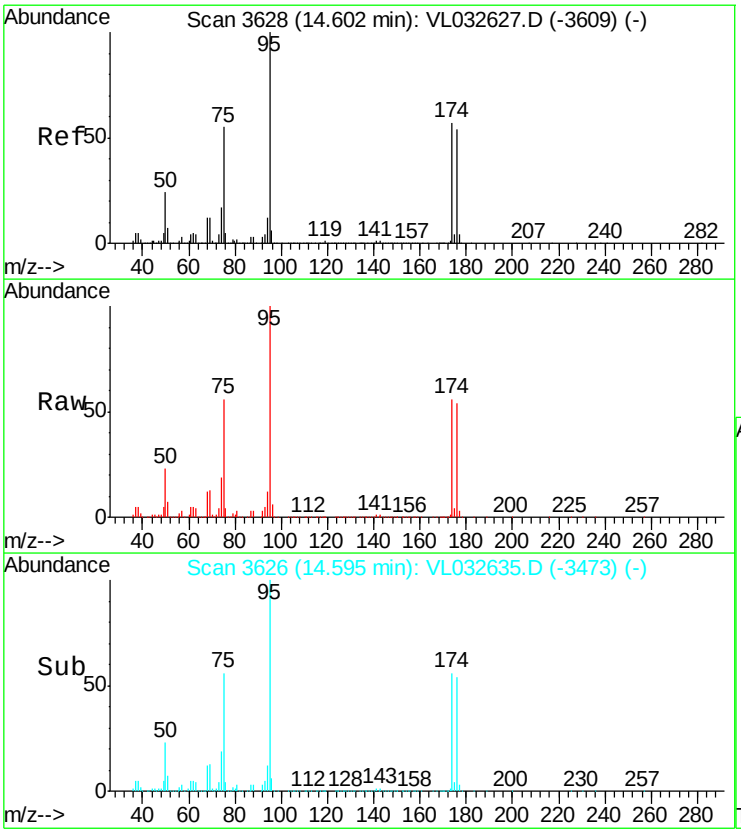

#68
1-Bromo-4-Fluorobenzene
Concen: 9.82 ppbv
RT: 14.60 min Scan# 3626
Delta R.T. -0.01 min
Lab File: VL032635.D
Acq: 17 Oct 2018 9:56

Tgt Ion: 95 Resp: 1864217

Ion	Ratio	Lower	Upper
95	100		
174	59.1	46.0	69.0
175	4.3	3.4	5.0