Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050721\
Data File : VL036914.D
Acq On : 7 May 2021 11:48
Operator : SY/AP
Sample : VL0507ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0507ABL01

Manual Integrations APPROVED
MMDadoda
5/10/2021 3:34:25 PM

Quant Time: May 08 18:53:23 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 2
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1306057	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	3078497	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	2608595	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2046056	9.77	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.70%			
Target Compounds						Qvalue
15) Acetone	3.89	43	36348m	0.295	ppbv	
20) Methylene Chloride	4.35	84	10437m	0.177	ppbv	

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

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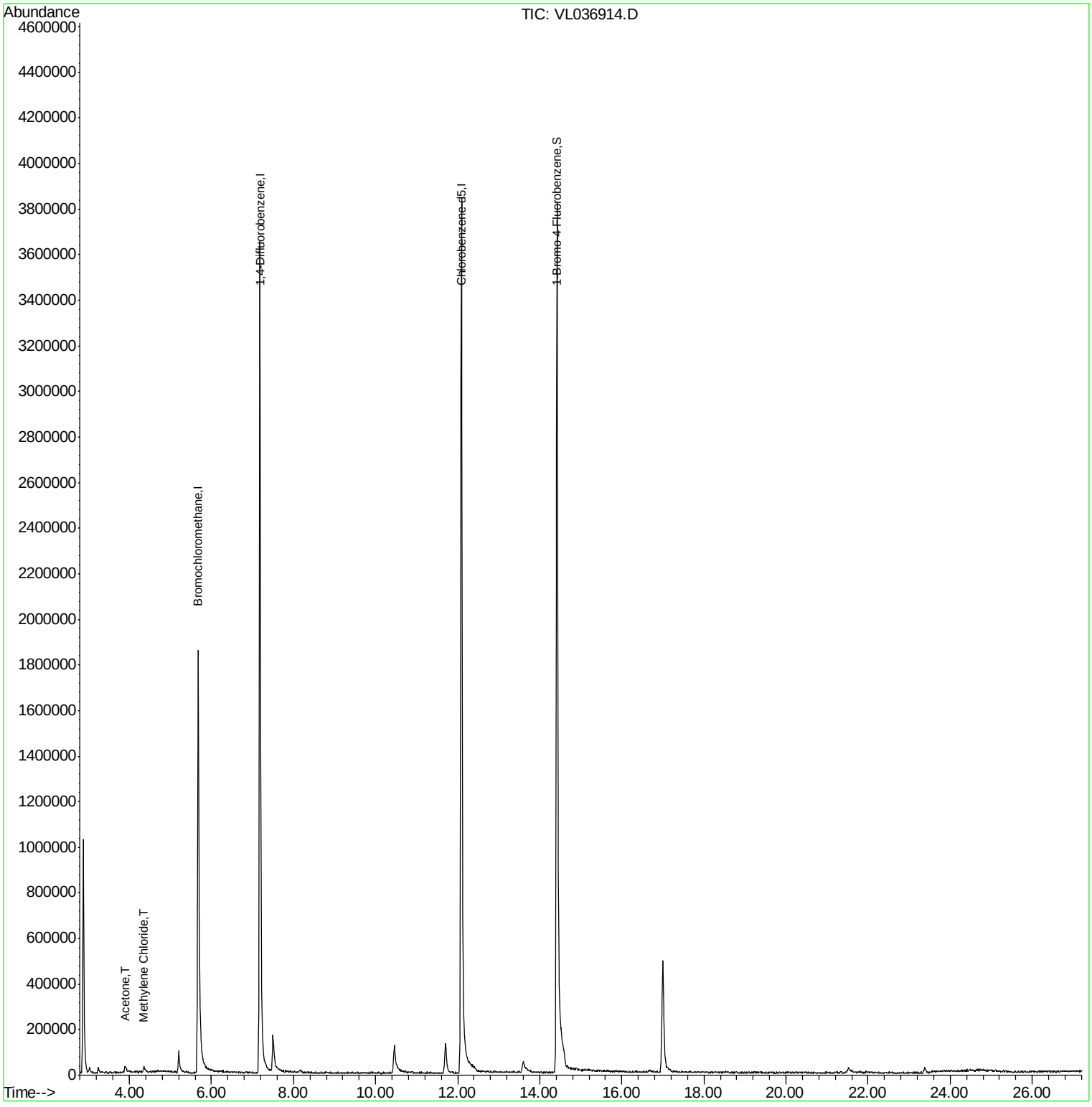
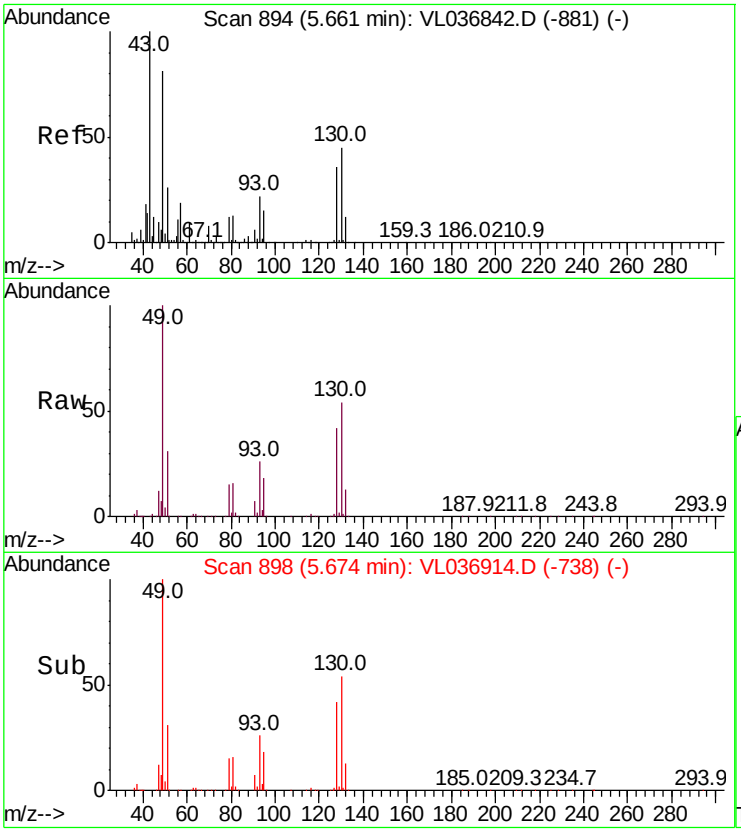
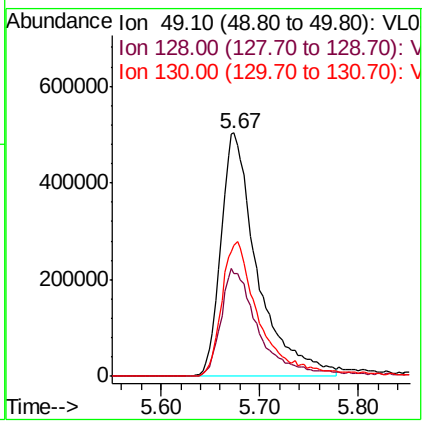




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL036914.D
Acq: 7 May 2021 11:48

Tgt Ion: 49 Resp: 1306057

Ion	Ratio	Lower	Upper
49	100		
128	47.5	24.4	73.2
130	58.2	30.3	90.8



Instrument :
MSVOA_L
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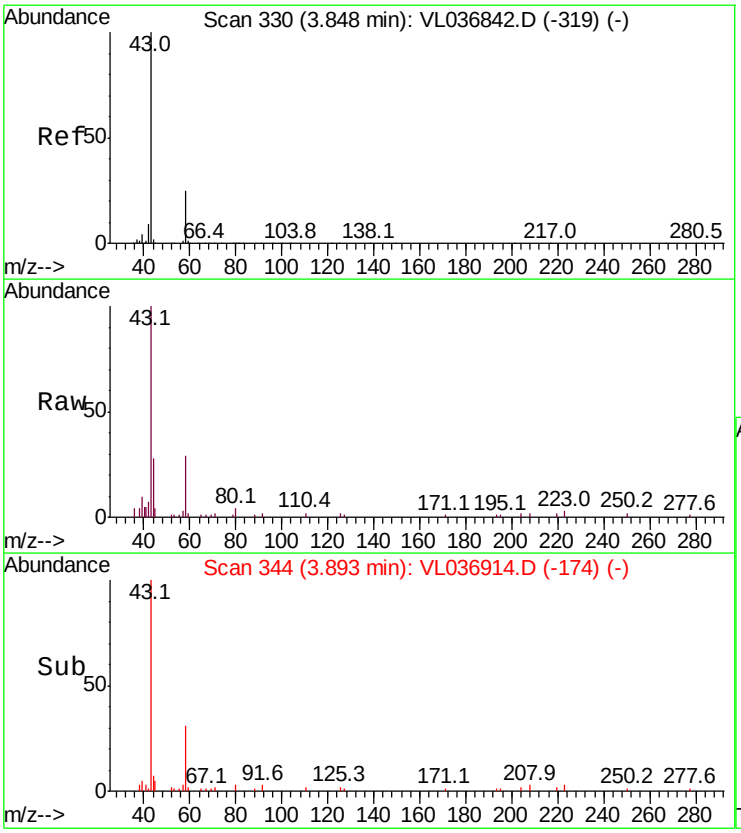
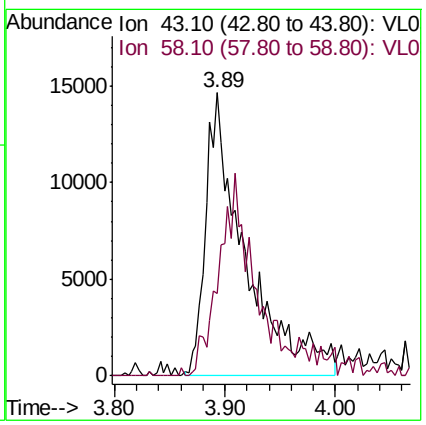
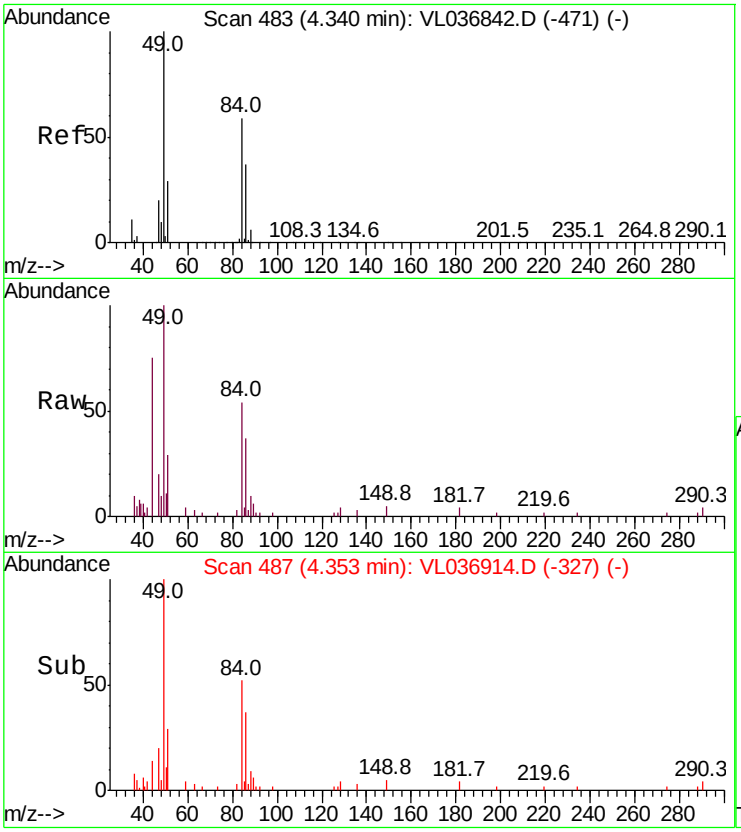


#15
Acetone
Concen: 0.295 ppbv m
RT: 3.89 min Scan# 344
Delta R.T. 0.05 min
Lab File: VL036914.D
Acq: 7 May 2021 11:48

Tgt Ion: 43 Resp: 36348

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.7	32.5#

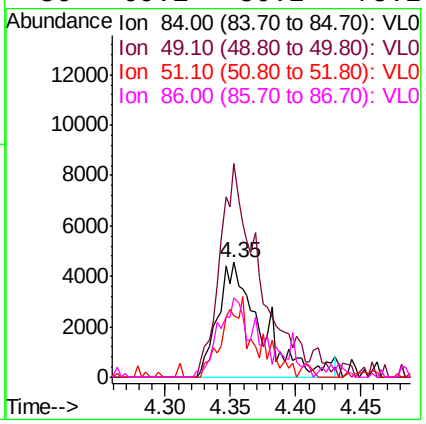




#20
Methylene Chloride
Concen: 0.177 ppbv m
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL036914.D
Acq: 7 May 2021 11:48

Tgt Ion: 84 Resp: 10437

Ion	Ratio	Lower	Upper
84	100		
49	185.5	135.4	203.0
51	53.3	39.3	58.9
86	69.1	50.2	75.2



Instrument :
MSVOA_L
ClientSampleId :
VL0507ABL01

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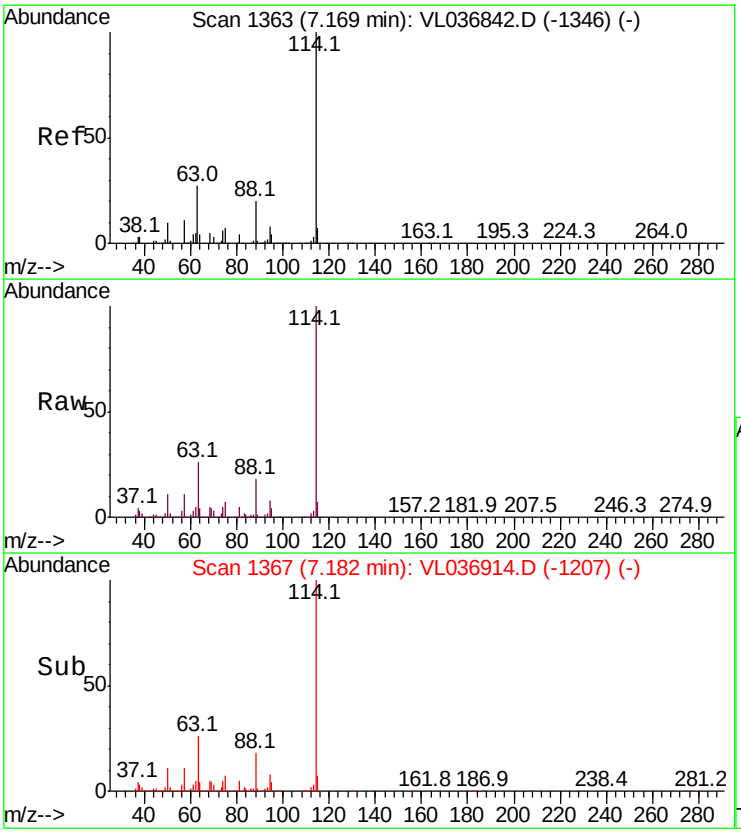
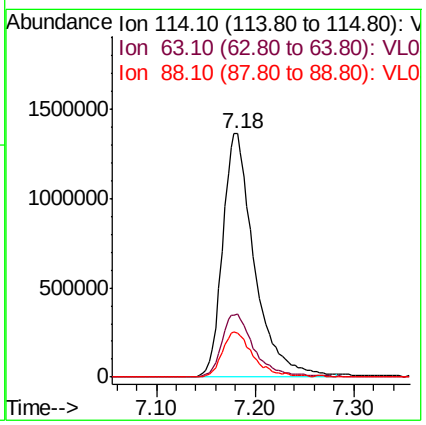
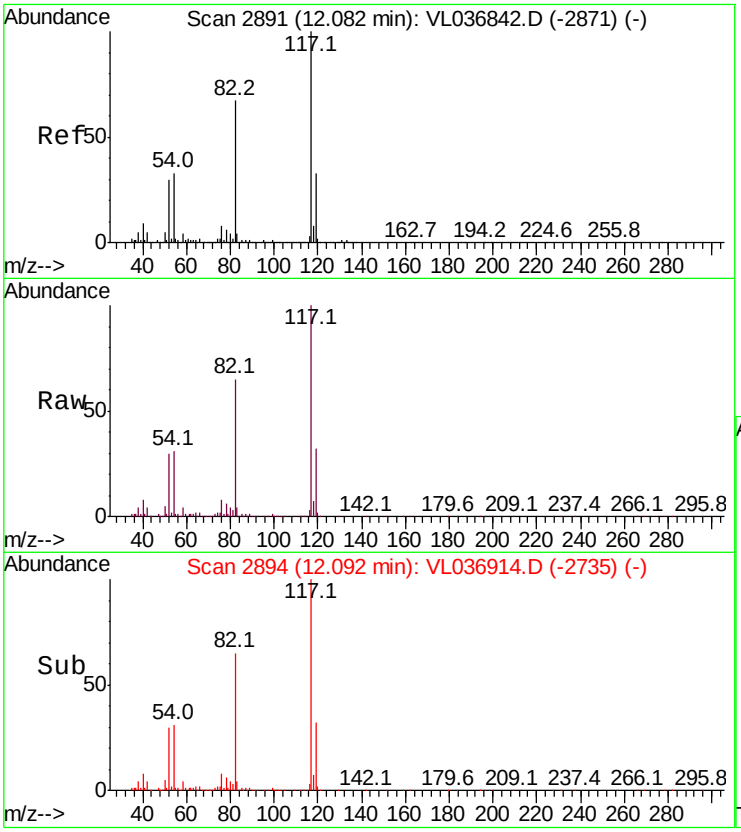


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VL036914.D
Acq: 7 May 2021 11:48

Tgt Ion:114 Resp: 3078497

Ion	Ratio	Lower	Upper
114	100		
63	26.9	21.9	32.9
88	18.6	15.1	22.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. 0.01 min
Lab File: VL036914.D
Acq: 7 May 2021 11:48

Tgt Ion:117 Resp: 2608595

Ion	Ratio	Lower	Upper
117	100		
82	71.5	53.5	80.3
119	34.1	25.6	38.4

Instrument :
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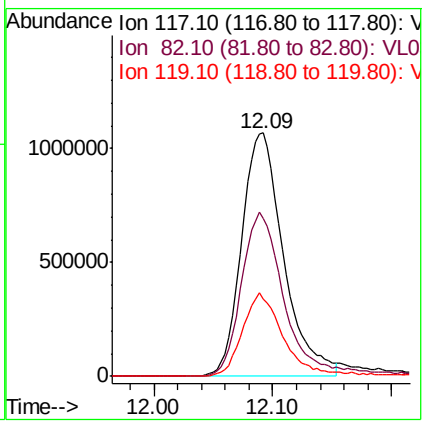

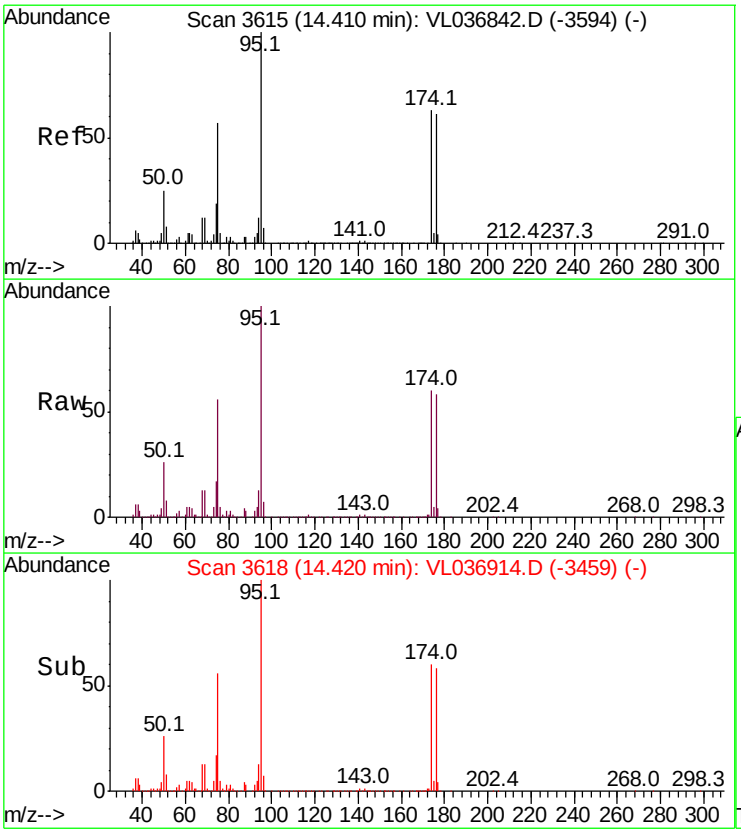

#68
1-Bromo-4-Fluorobenzene
Concen: 9.771 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. 0.01 min
Lab File: VL036914.D
Acq: 7 May 2021 11:48

Tgt Ion: 95 Resp: 2046056

Ion	Ratio	Lower	Upper
95	100		
174	67.9	52.2	78.2
175	4.6	4.0	6.0