Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101619\
Data File : VL034306.D
Acq On : 16 Oct 2019 20:07
Operator : SY/AP
Sample : VL1016ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1016ABL01

Manual Integrations APPROVED
MMDadoda
10/18/2019 3:04:26 PM

Quant Time: Oct 17 05:51:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 1
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1107541	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.23	114	2106306	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	2117768	10.00	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.51	95	1811127	10.10	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.00%			
Target Compounds						Qvalue
15) Acetone	3.88	43	31089m	0.196	ppbv	
20) Methylene Chloride	4.36	84	6815m	0.119	ppbv	

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

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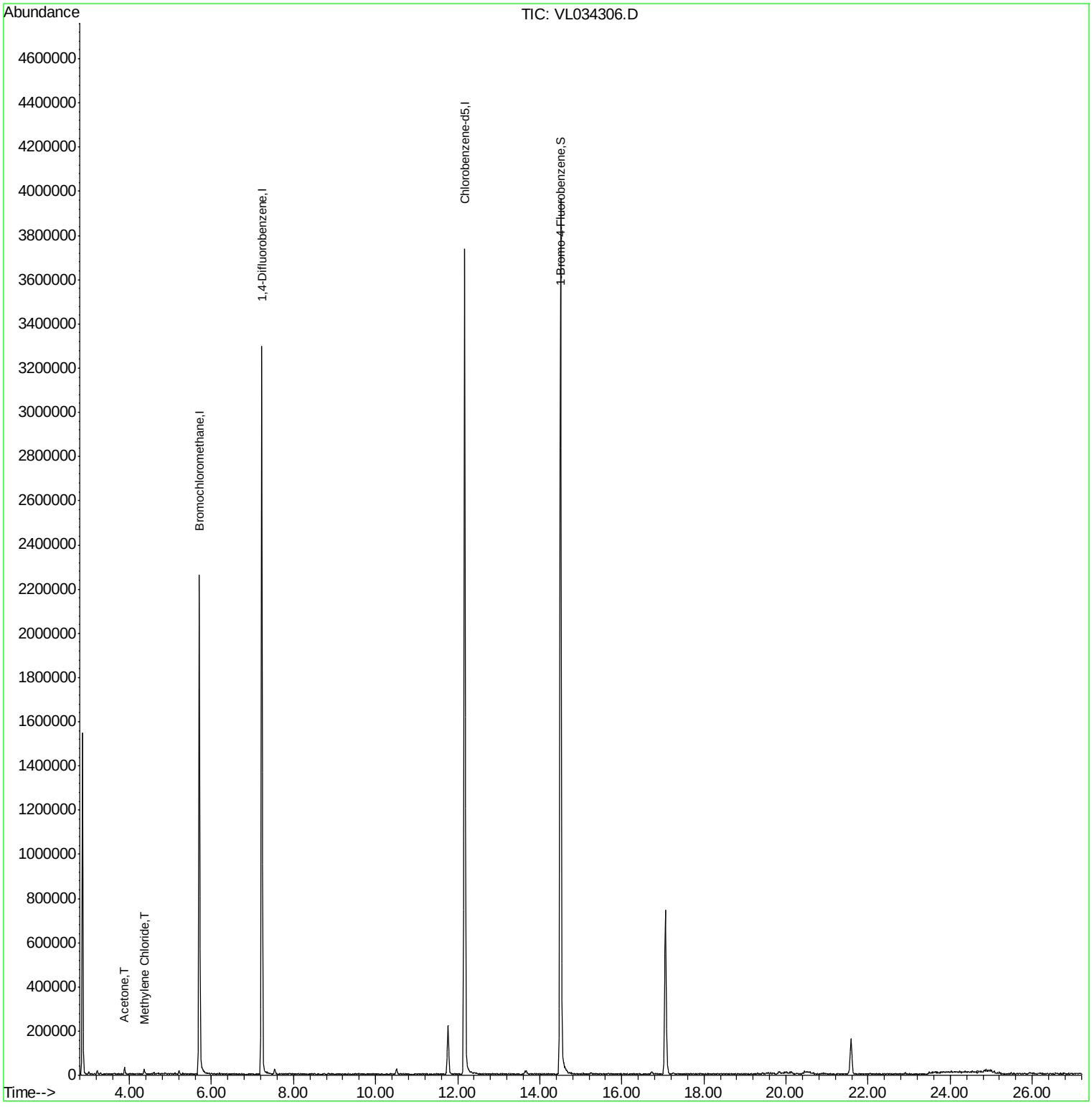
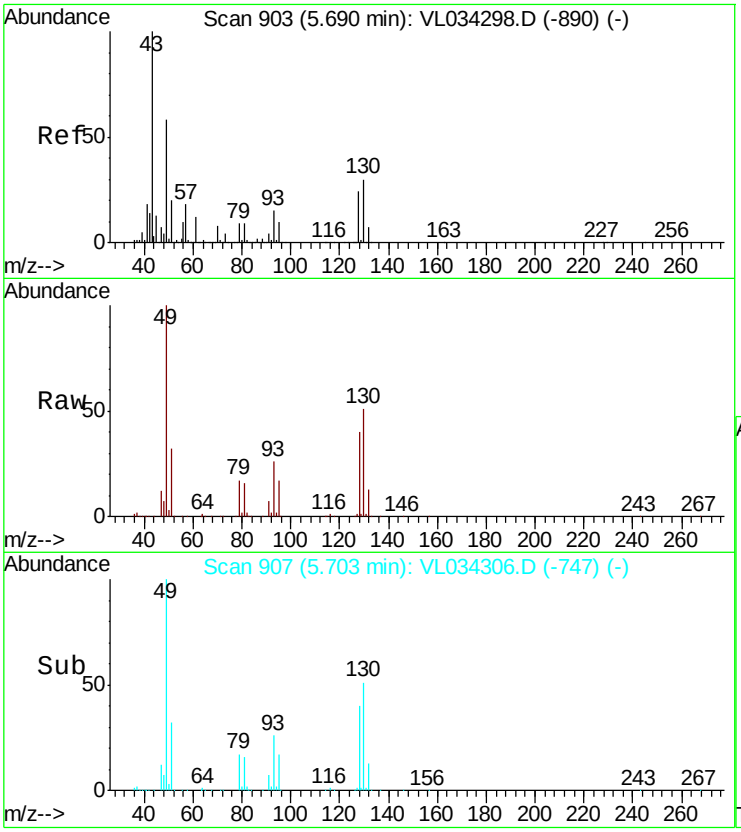
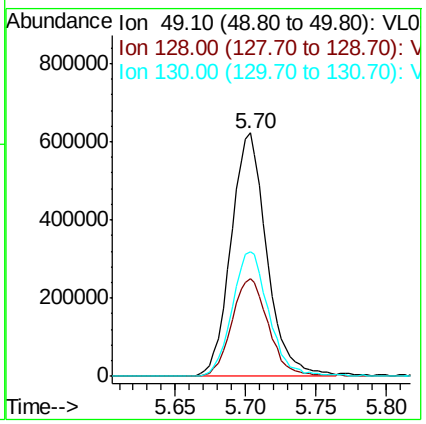




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.01 min
Lab File: VL034306.D
Acq: 16 Oct 2019 20:07

Tgt Ion: 49 Resp: 1107541

Ion	Ratio	Lower	Upper
49	100		
128	41.7	20.6	61.8
130	52.9	26.2	78.5



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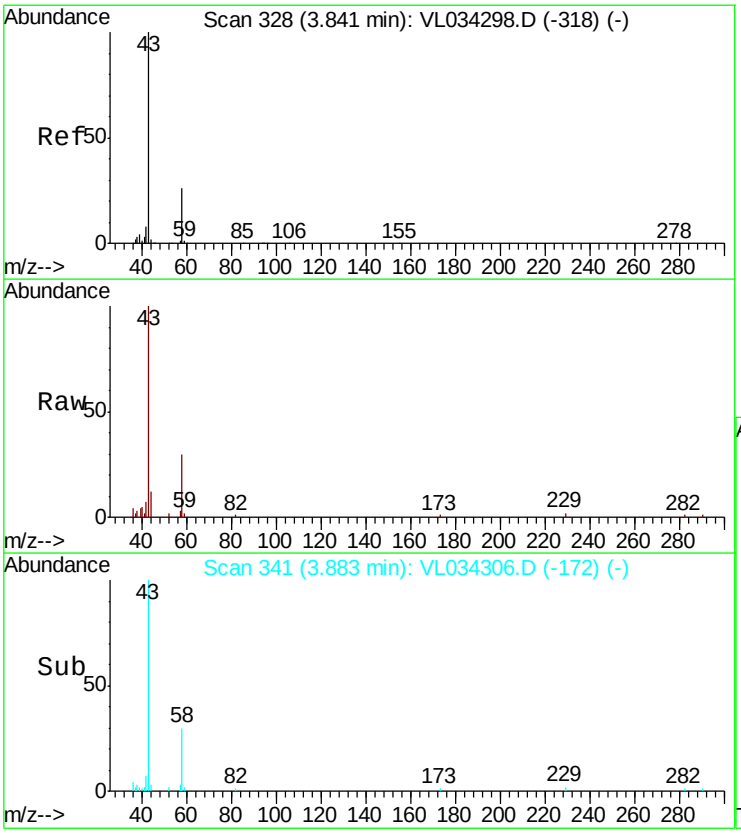
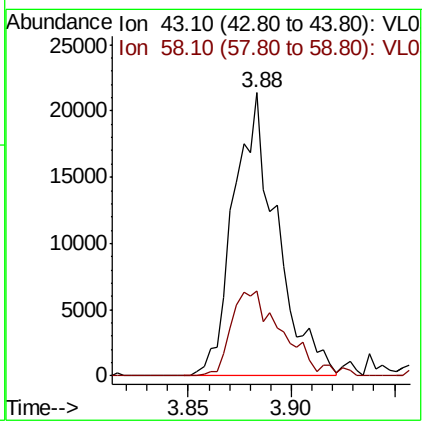
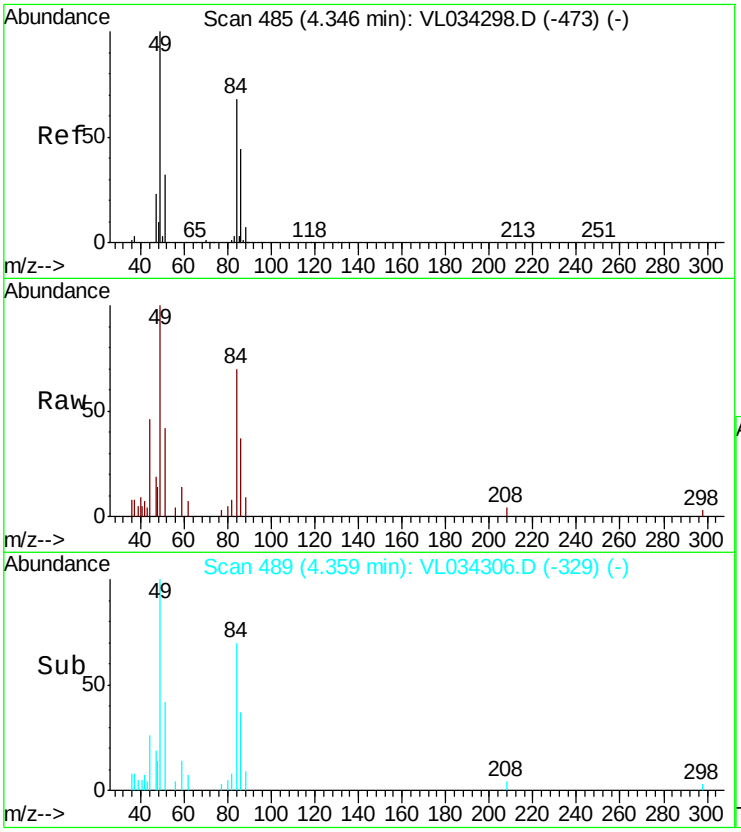


#15
Acetone
Concen: 0.196 ppbv m
RT: 3.88 min Scan# 341
Delta R.T. 0.04 min
Lab File: VL034306.D
Acq: 16 Oct 2019 20:07

Tgt Ion: 43 Resp: 31089

Ion	Ratio	Lower	Upper
43	100		
58	35.8	20.4	30.6#

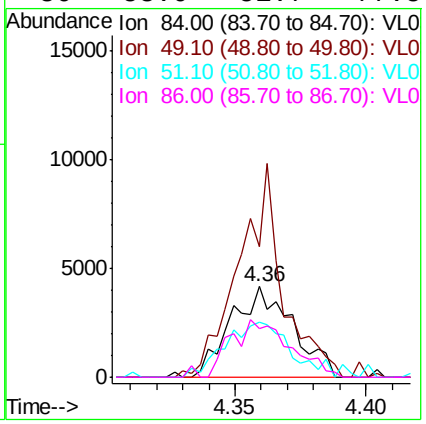




#20
Methylene Chloride
Concen: 0.119 ppbv m
RT: 4.36 min Scan# 489
Delta R.T. 0.01 min
Lab File: VL034306.D
Acq: 16 Oct 2019 20:07

Tgt Ion: 84 Resp: 6815

Ion	Ratio	Lower	Upper
84	100		
49	143.9	118.5	177.7
51	60.1	38.8	58.2#
86	53.0	51.7	77.5



Instrument :
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ClientSampleId :
VL1016ABL01

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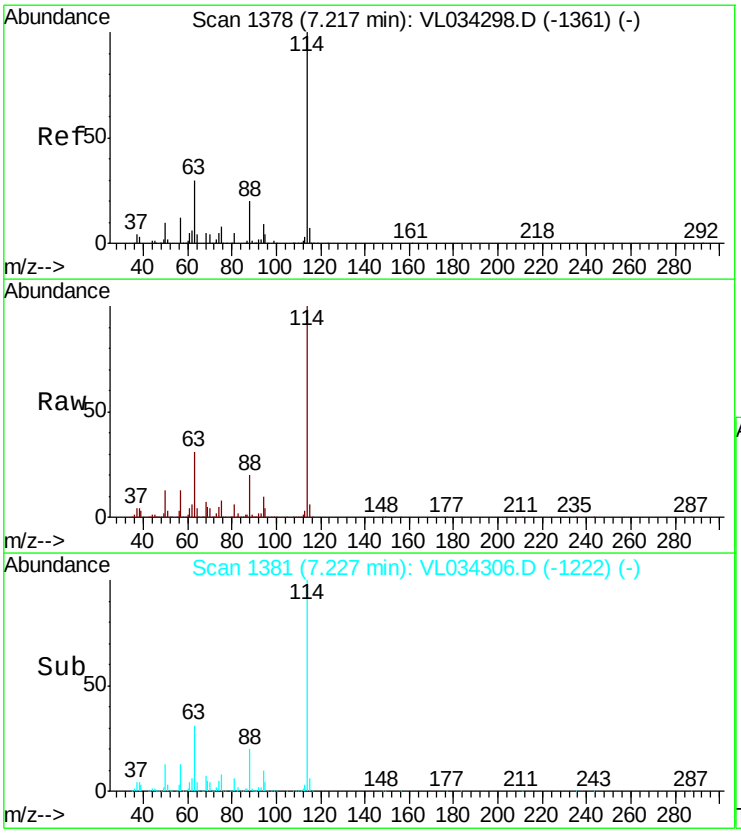
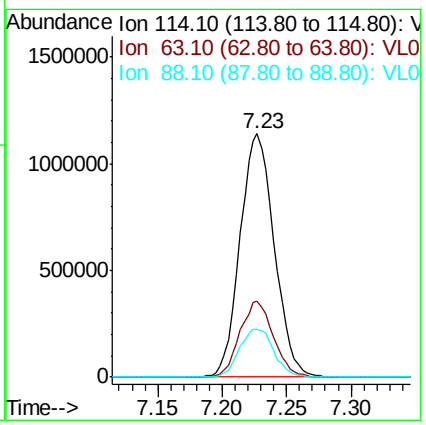
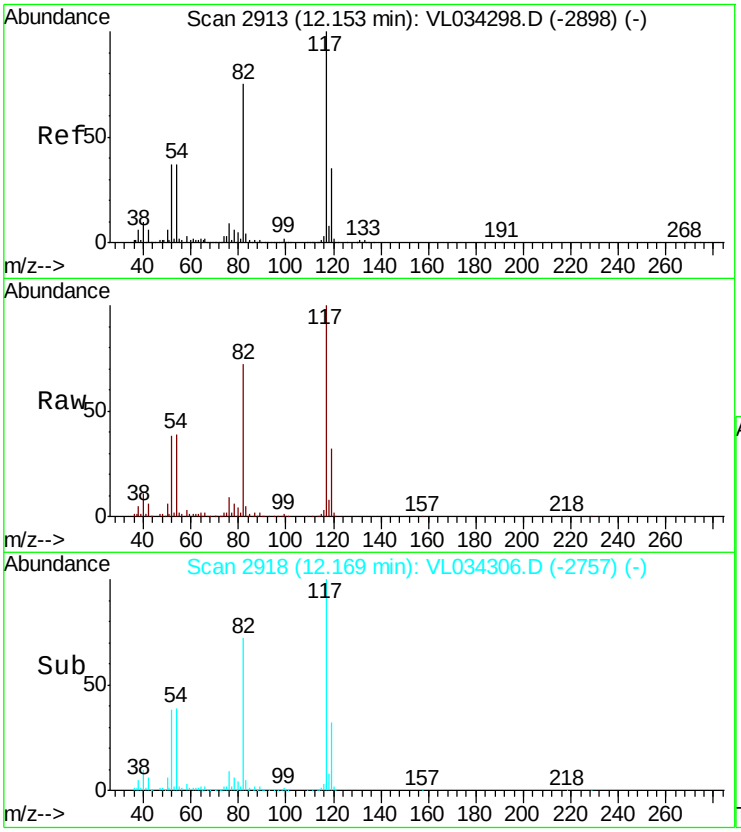


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.23 min Scan# 1381
Delta R.T. 0.01 min
Lab File: VL034306.D
Acq: 16 Oct 2019 20:07

Tgt Ion:114 Resp: 2106306

Ion	Ratio	Lower	Upper
114	100		
63	30.8	25.2	37.8
88	20.0	16.0	24.0

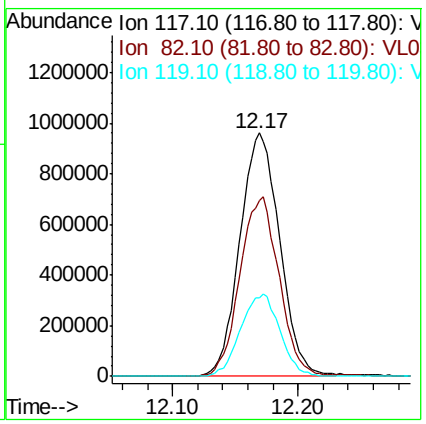




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. 0.02 min
Lab File: VL034306.D
Acq: 16 Oct 2019 20:07

Tgt Ion:117 Resp: 2117768

Ion	Ratio	Lower	Upper
117	100		
82	73.5	55.5	83.3
119	33.7	26.5	39.7



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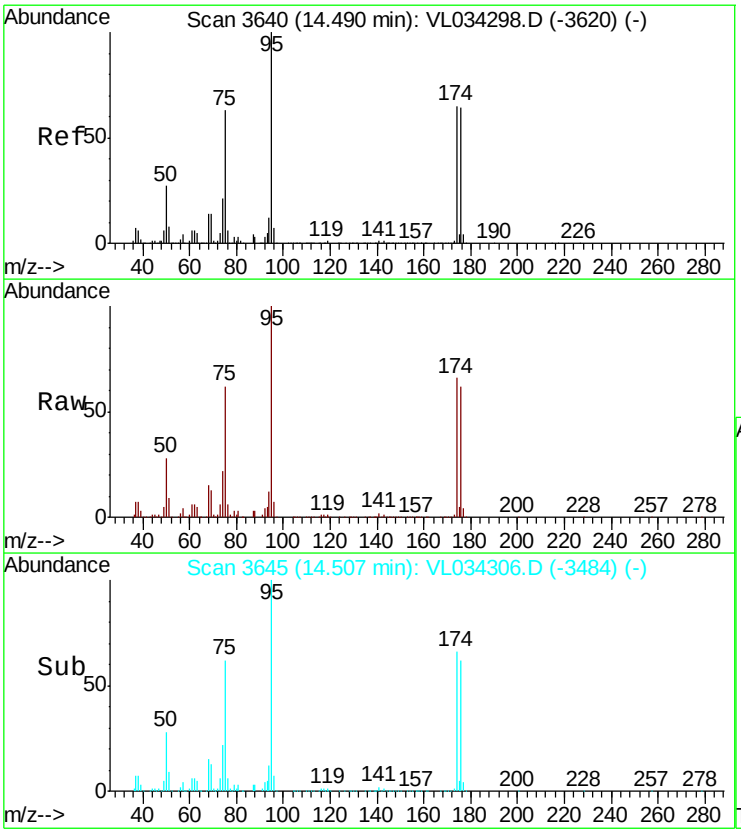

#68
1-Bromo-4-Fluorobenzene
Concen: 10.098 ppbv
RT: 14.51 min Scan# 3645
Delta R.T. 0.02 min
Lab File: VL034306.D
Acq: 16 Oct 2019 20:07

Tgt Ion: 95 Resp: 1811127

Ion	Ratio	Lower	Upper
95	100		
174	64.3	52.6	78.8
175	4.7	3.8	5.6