Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021820\
Data File : VL034645.D
Acq On : 19 Feb 2020 8:43
Operator : SY/AP
Sample : QC021820 CAN 10054
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 20 15:04:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 3
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
QC021820 CAN 10054

Manual Integrations APPROVED
MMDadoda
2/21/2020 3:26:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	953789	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	1995269	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	1997776	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	1659378	9.83	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.30%			
Target Compounds						Qvalue
15) Acetone	3.83	43	78260	0.558	ppbv #	87
20) Methylene Chloride	4.31	84	28479m	0.534	ppbv	

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

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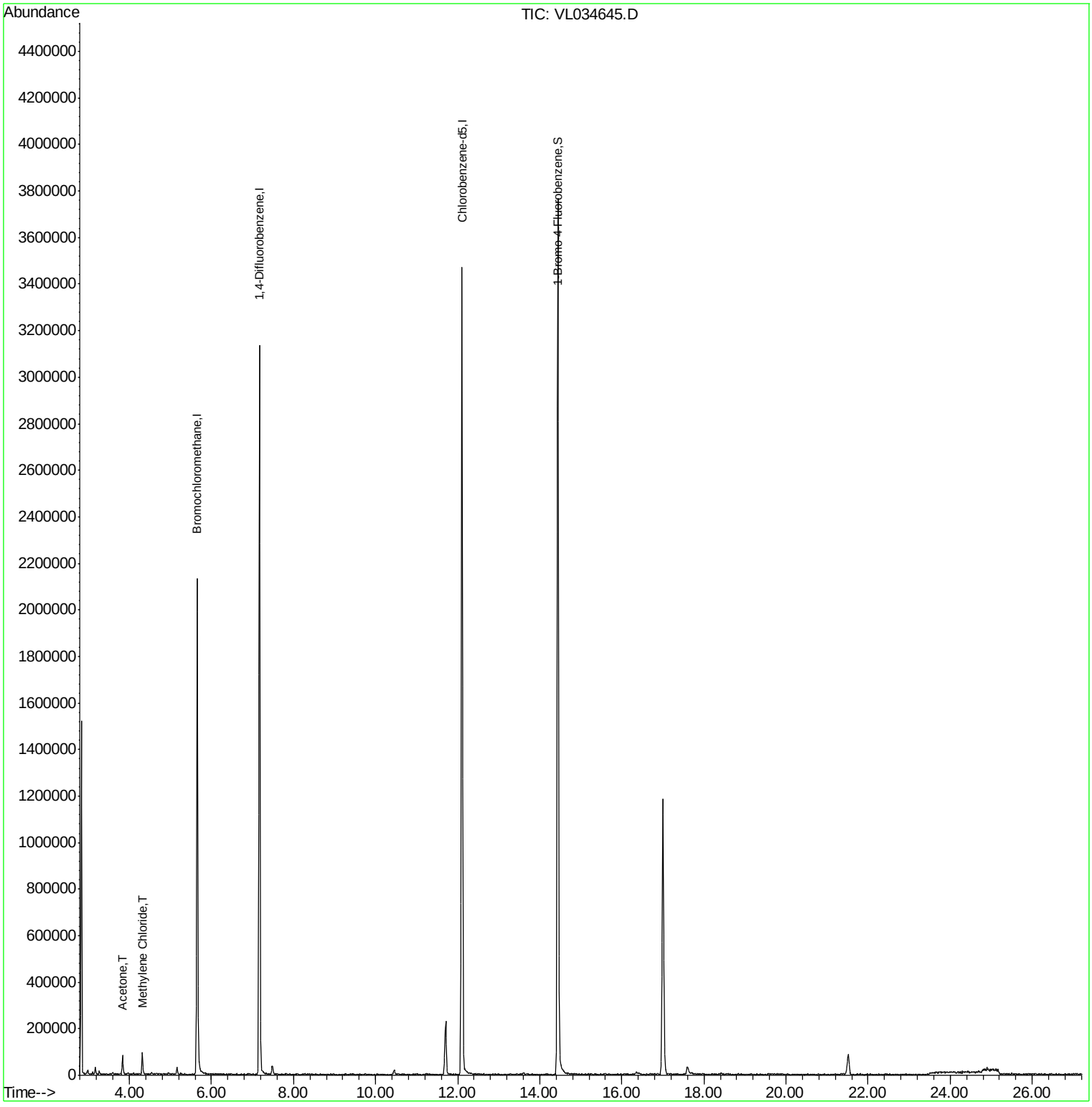
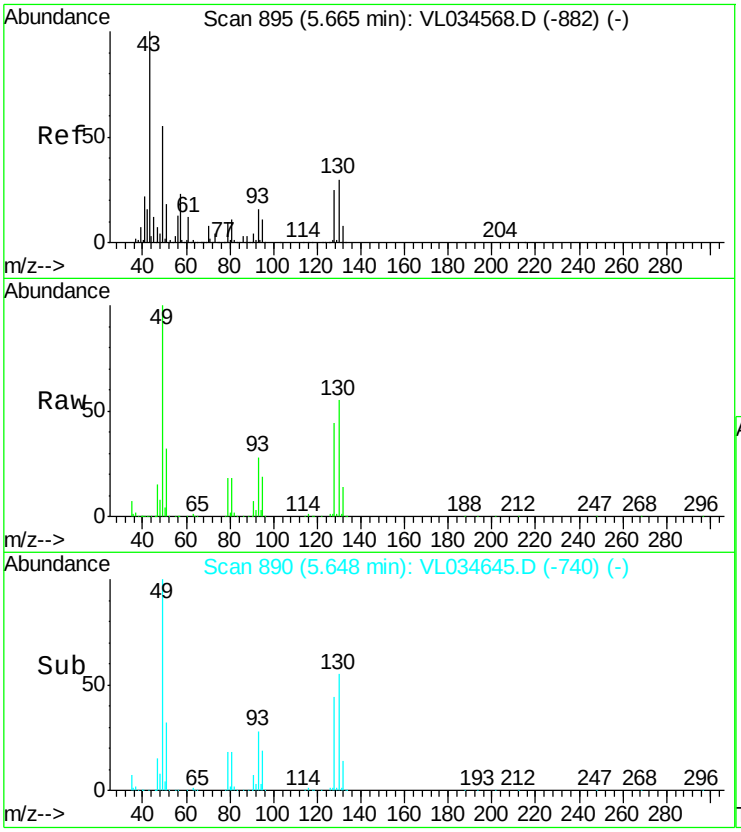
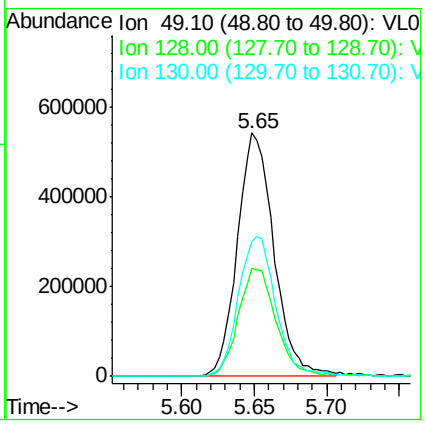




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.02 min
Lab File: VL034645.D
Acq: 19 Feb 2020 8:43

Tgt Ion: 49 Resp: 953789

Ion	Ratio	Lower	Upper
49	100		
128	46.2	22.7	68.1
130	59.3	28.6	85.8



Instrument :
MSVOA_L
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QC021820 CAN 10054

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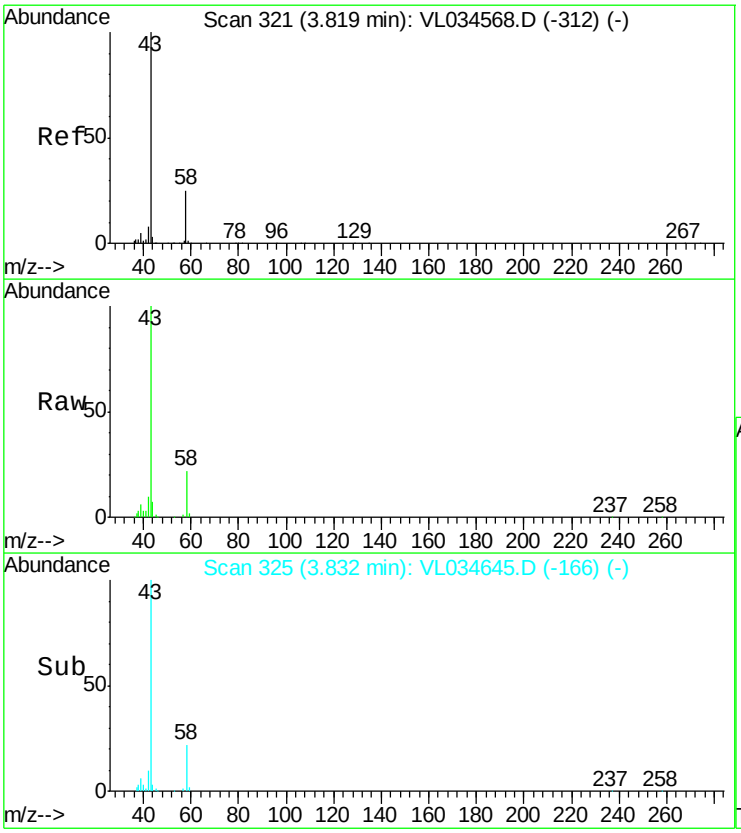
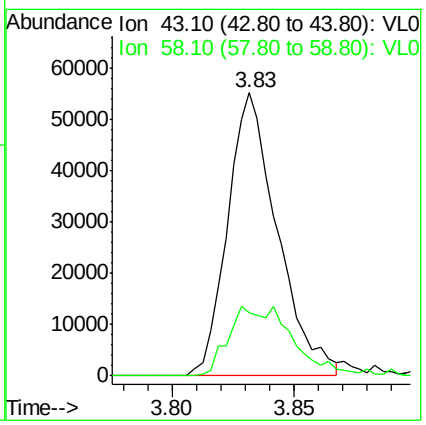
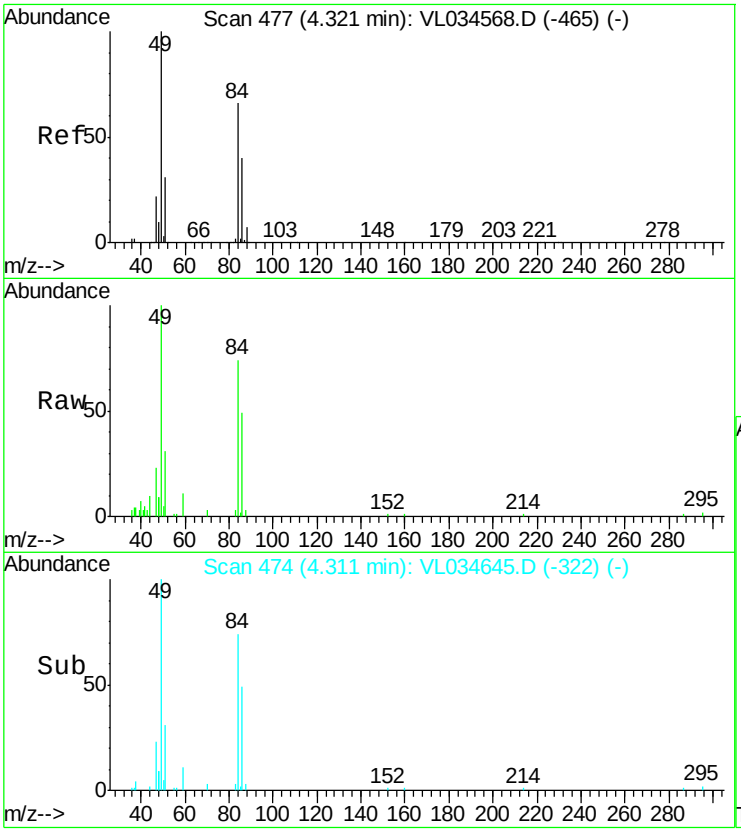


#15
Acetone
Concen: 0.558 ppbv
RT: 3.83 min Scan# 325
Delta R.T. 0.01 min
Lab File: VL034645.D
Acq: 19 Feb 2020 8:43

Tgt Ion: 43 Resp: 78260

Ion	Ratio	Lower	Upper
43	100		
58	32.1	20.3	30.5#

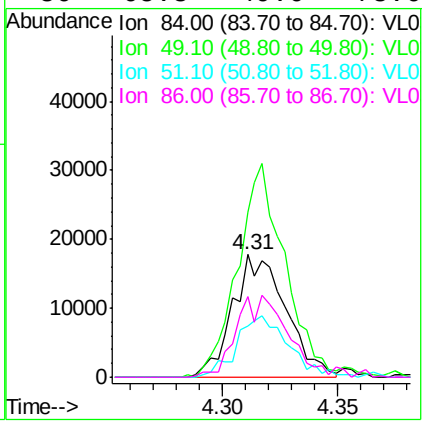




#20
Methylene Chloride
Concen: 0.534 ppbv m
RT: 4.31 min Scan# 474
Delta R.T. -0.01 min
Lab File: VL034645.D
Acq: 19 Feb 2020 8:43

Tgt Ion: 84 Resp: 28479

Ion	Ratio	Lower	Upper
84	100		
49	134.4	122.4	183.6
51	41.7	38.6	57.8
86	65.3	49.0	73.6



Instrument :
MSVOA_L
ClientSampleId :
QC021820 CAN 10054

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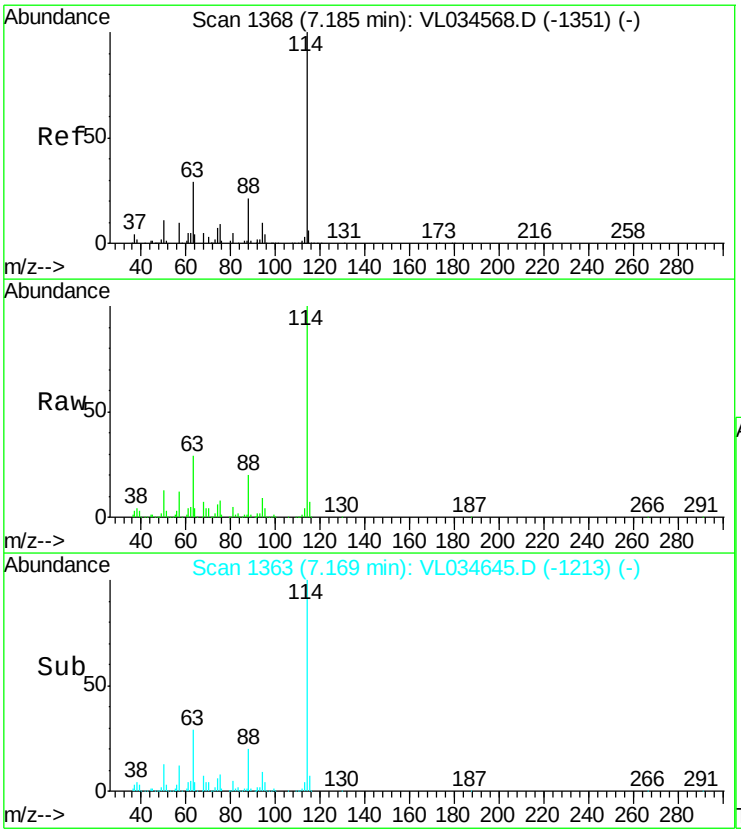
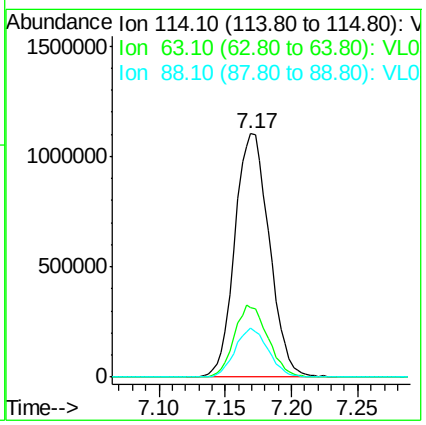
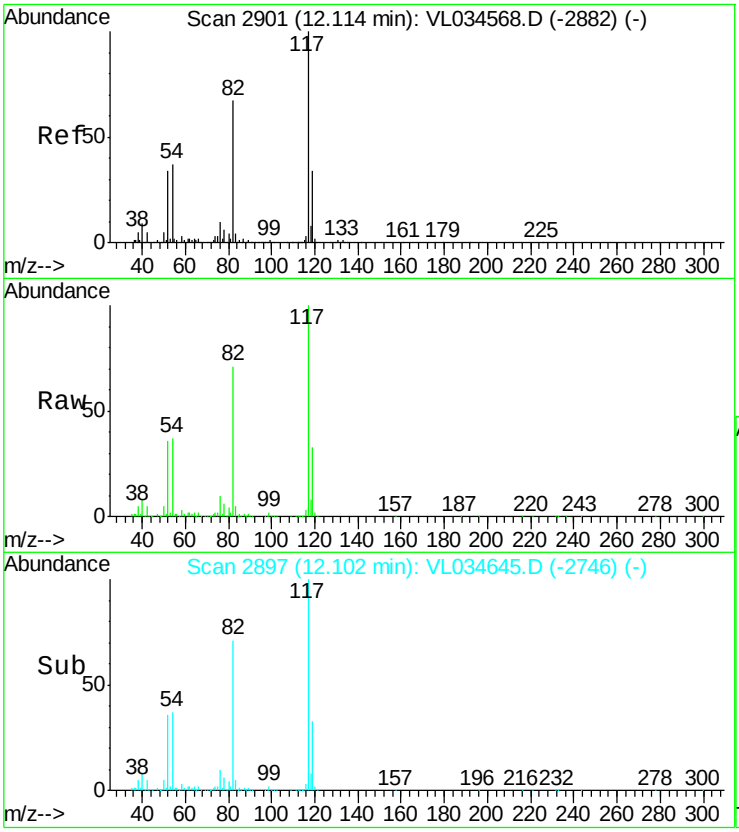


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.02 min
Lab File: VL034645.D
Acq: 19 Feb 2020 8:43

Tgt Ion:114 Resp: 1995269

Ion	Ratio	Lower	Upper
114	100		
63	28.8	24.1	36.1
88	19.2	15.9	23.9

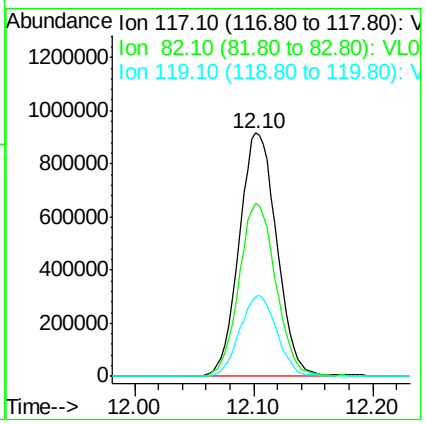




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL034645.D
Acq: 19 Feb 2020 8:43

Tgt Ion:117 Resp: 1997776

Ion	Ratio	Lower	Upper
117	100		
82	70.2	54.2	81.4
119	33.0	26.1	39.1



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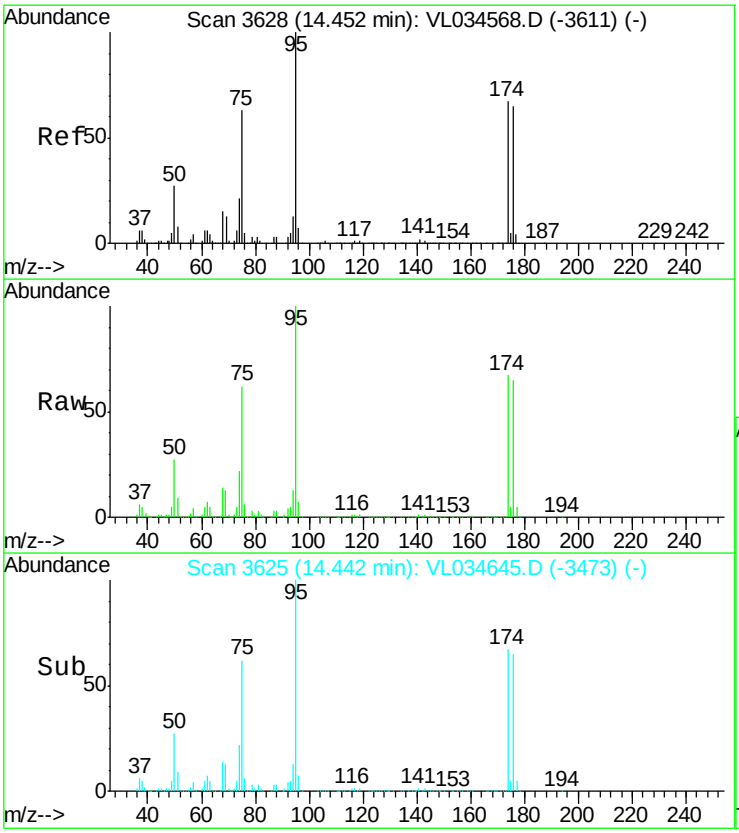

#68
1-Bromo-4-Fluorobenzene
Concen: 9.828 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.01 min
Lab File: VL034645.D
Acq: 19 Feb 2020 8:43

Tgt Ion: 95 Resp: 1659378

Ion	Ratio	Lower	Upper
95	100		
174	67.2	52.3	78.5
175	4.9	3.8	5.6