Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051920\
Data File : VL035072.D
Acq On : 20 May 2020 9:12
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Manual Integrations APPROVED
MMDadoda
5/20/2020 4:28:39 PM

Quant Time: May 20 14:08:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1187629	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2704628	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	2572288	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2136965	10.26	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.60%			
Target Compounds						Qvalue
15) Acetone	3.83	43	29228	0.186	ppbv	# 64
20) Methylene Chloride	4.31	84	7466m	0.144	ppbv	

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

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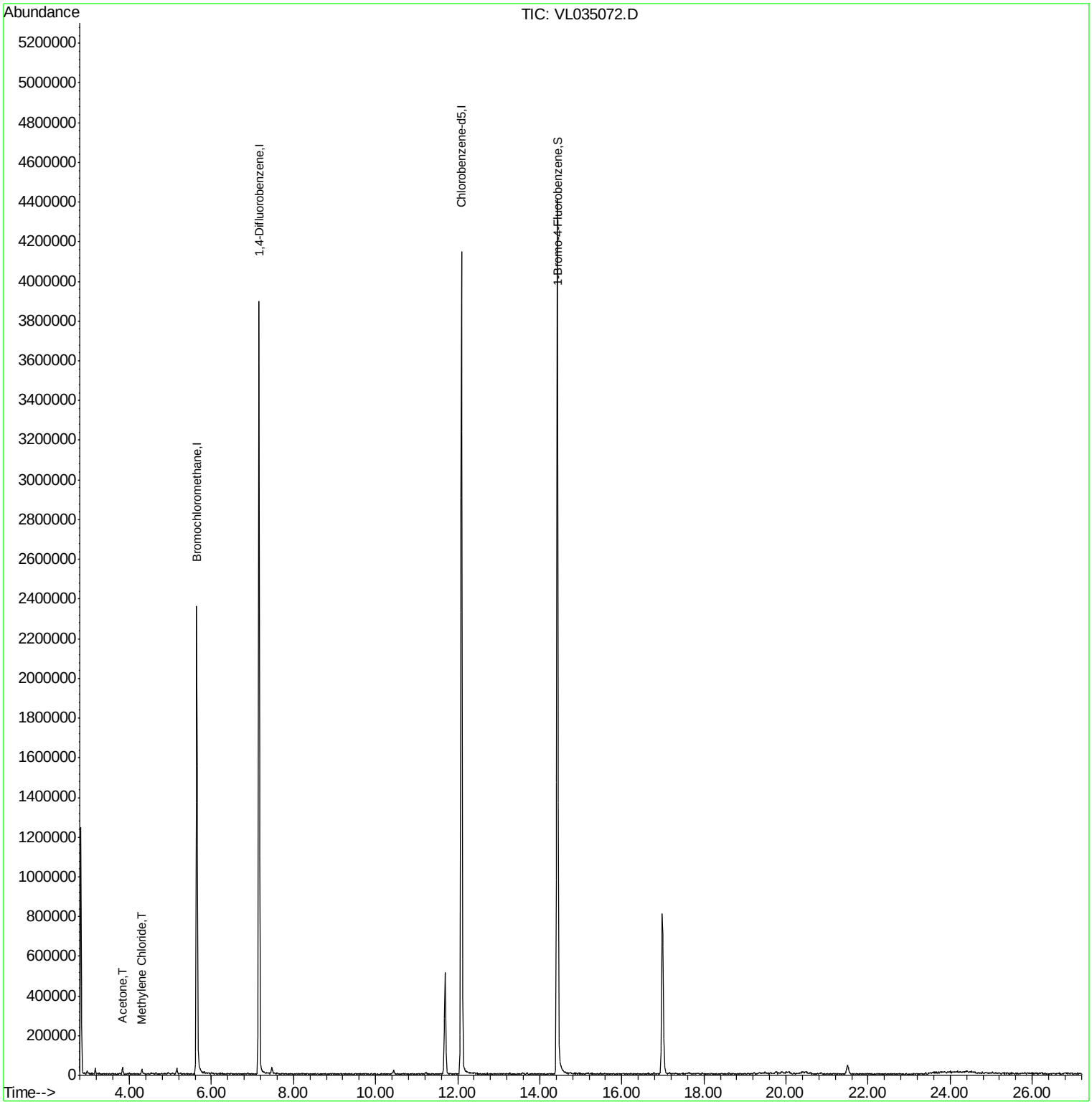
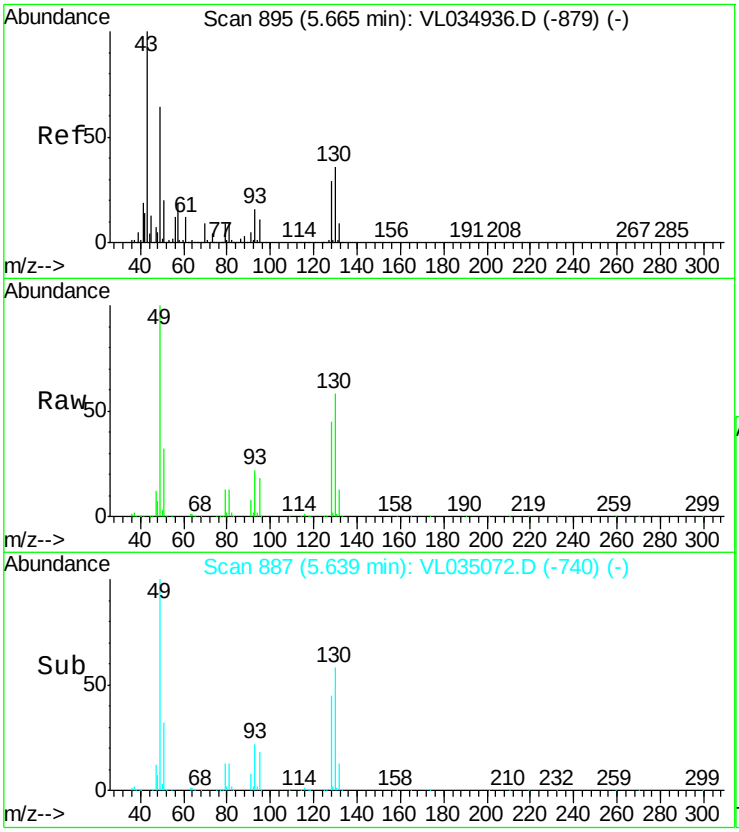
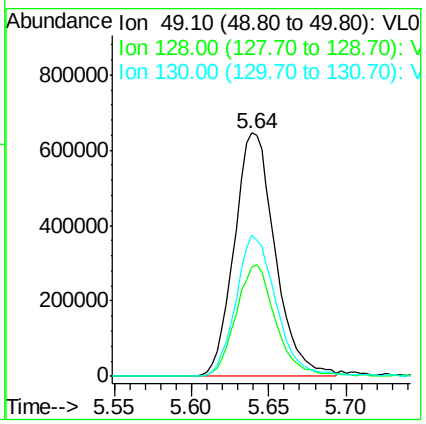




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 887
Delta R.T. -0.03 min
Lab File: VL035072.D
Acq: 20 May 2020 9:12

Tgt Ion: 49 Resp: 1187629

Ion	Ratio	Lower	Upper
49	100		
128	44.7	22.1	66.5
130	57.7	29.1	87.3



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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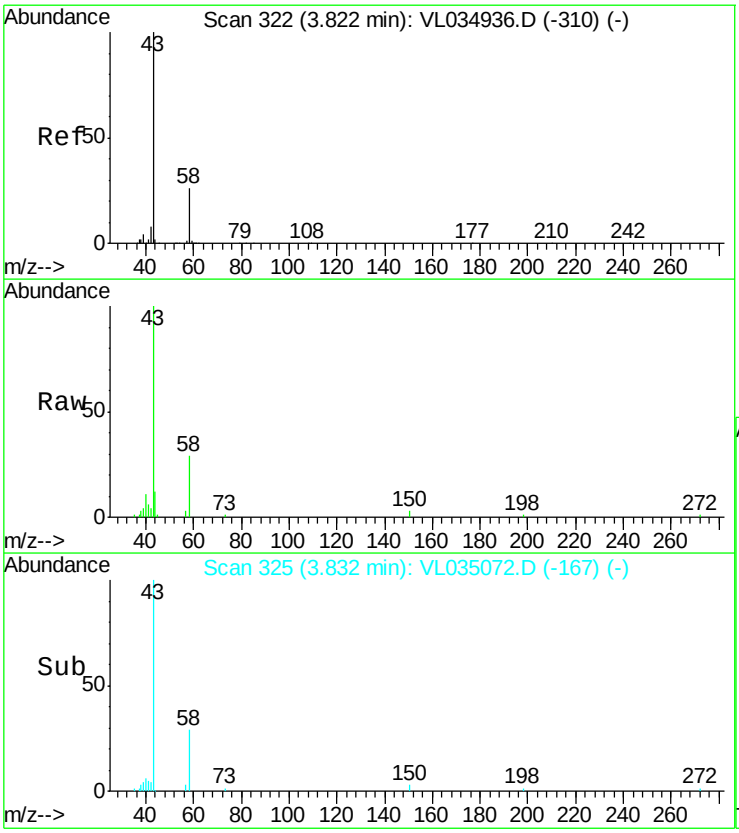
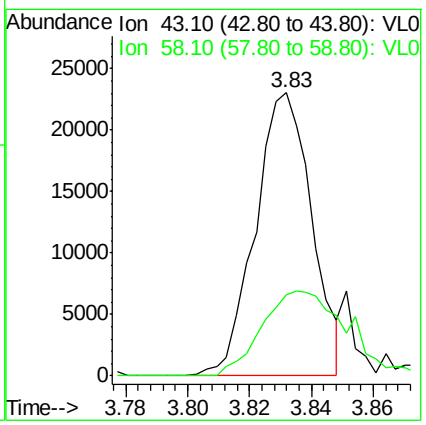
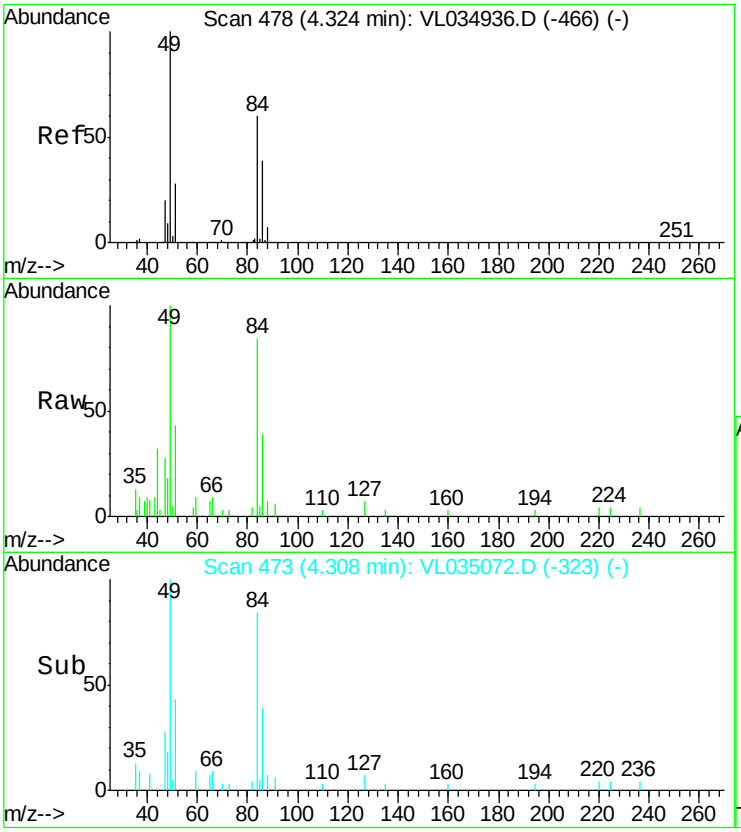


#15
Acetone
Concen: 0.186 ppbv
RT: 3.83 min Scan# 325
Delta R.T. 0.01 min
Lab File: VL035072.D
Acq: 20 May 2020 9:12

Tgt Ion: 43 Resp: 29228

Ion	Ratio	Lower	Upper
43	100		
58	45.7	21.7	32.5#

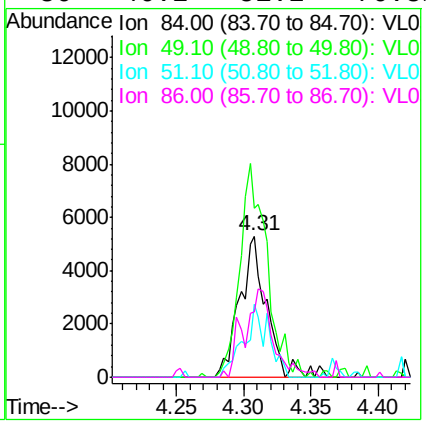




#20
Methylene Chloride
Concen: 0.144 ppbv m
RT: 4.31 min Scan# 473
Delta R.T. -0.02 min
Lab File: VL035072.D
Acq: 20 May 2020 9:12

Tgt Ion: 84 Resp: 7466

Ion	Ratio	Lower	Upper
84	100		
49	119.7	132.5	198.7#
51	51.5	38.4	57.6
86	46.2	51.2	76.8#



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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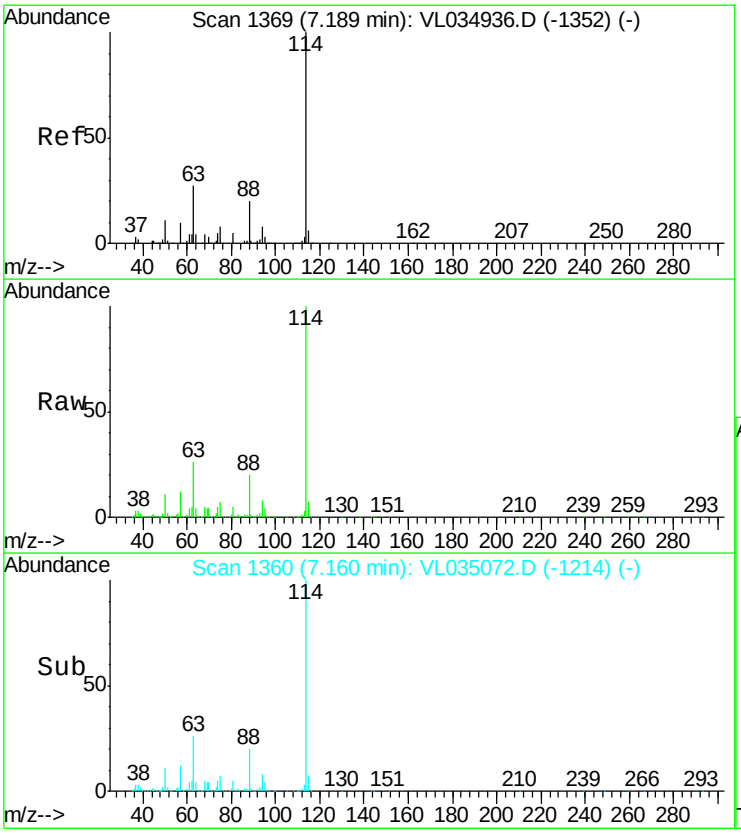
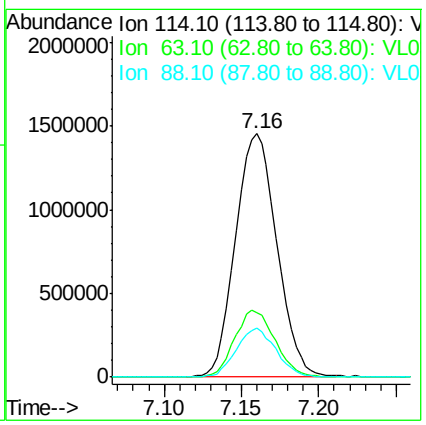
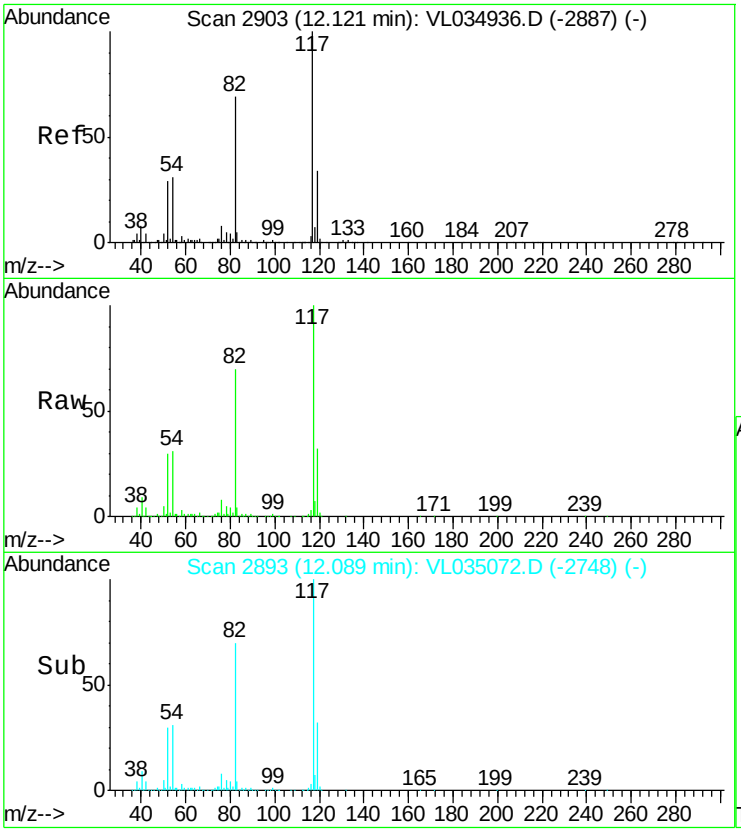


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.03 min
Lab File: VL035072.D
Acq: 20 May 2020 9:12

Tgt Ion:114 Resp: 2704628

Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.2	33.4
88	19.3	15.5	23.3

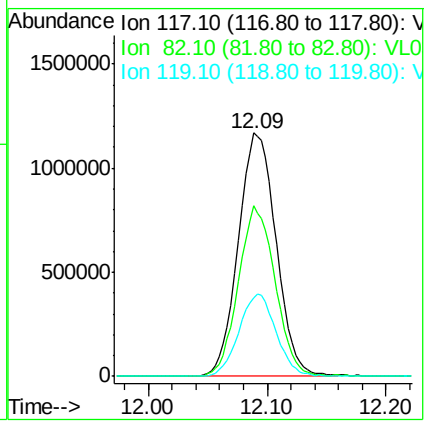




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.03 min
Lab File: VL035072.D
Acq: 20 May 2020 9:12

Tgt Ion:117 Resp: 2572288

Ion	Ratio	Lower	Upper
117	100		
82	68.5	53.1	79.7
119	33.4	26.7	40.1



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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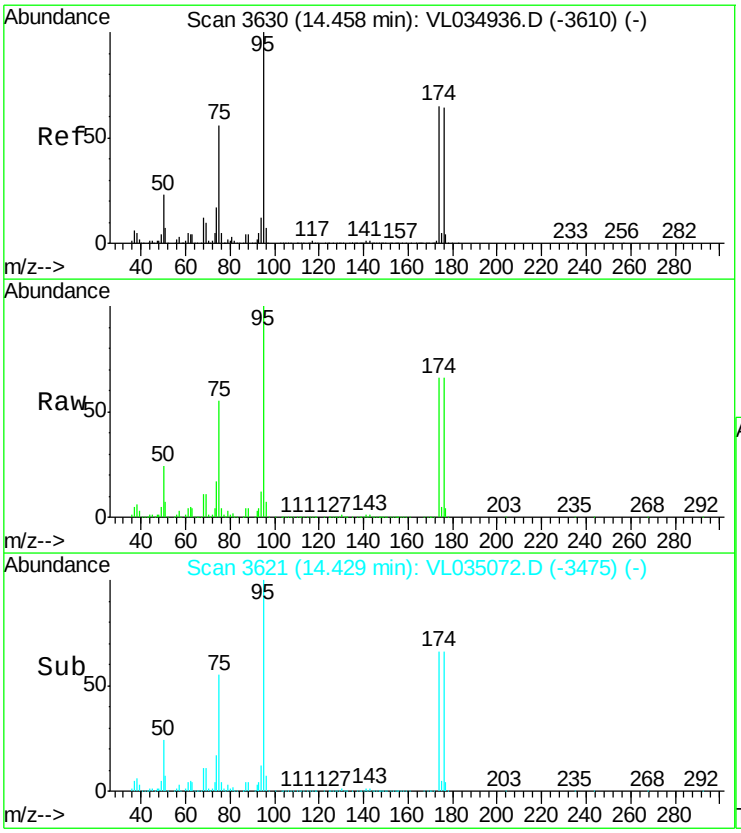

#68
1-Bromo-4-Fluorobenzene
Concen: 10.263 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. -0.03 min
Lab File: VL035072.D
Acq: 20 May 2020 9:12

Tgt Ion: 95 Resp: 2136965

Ion	Ratio	Lower	Upper
95	100		
174	66.8	51.5	77.3
175	4.9	3.8	5.8