Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033121\
Data File : VL036619.D
Acq On : 1 Apr 2021 2:46
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 01 08:15:42 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 2
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
4/2/2021 6:54:10 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1563266	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	3633141	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	3113301	10.00	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2488330	10.03	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.30%			
Target Compounds						Qvalue
15) Acetone	3.89	43	41555m	0.270	ppbv	
20) Methylene Chloride	4.36	84	7222m	0.100	ppbv	

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

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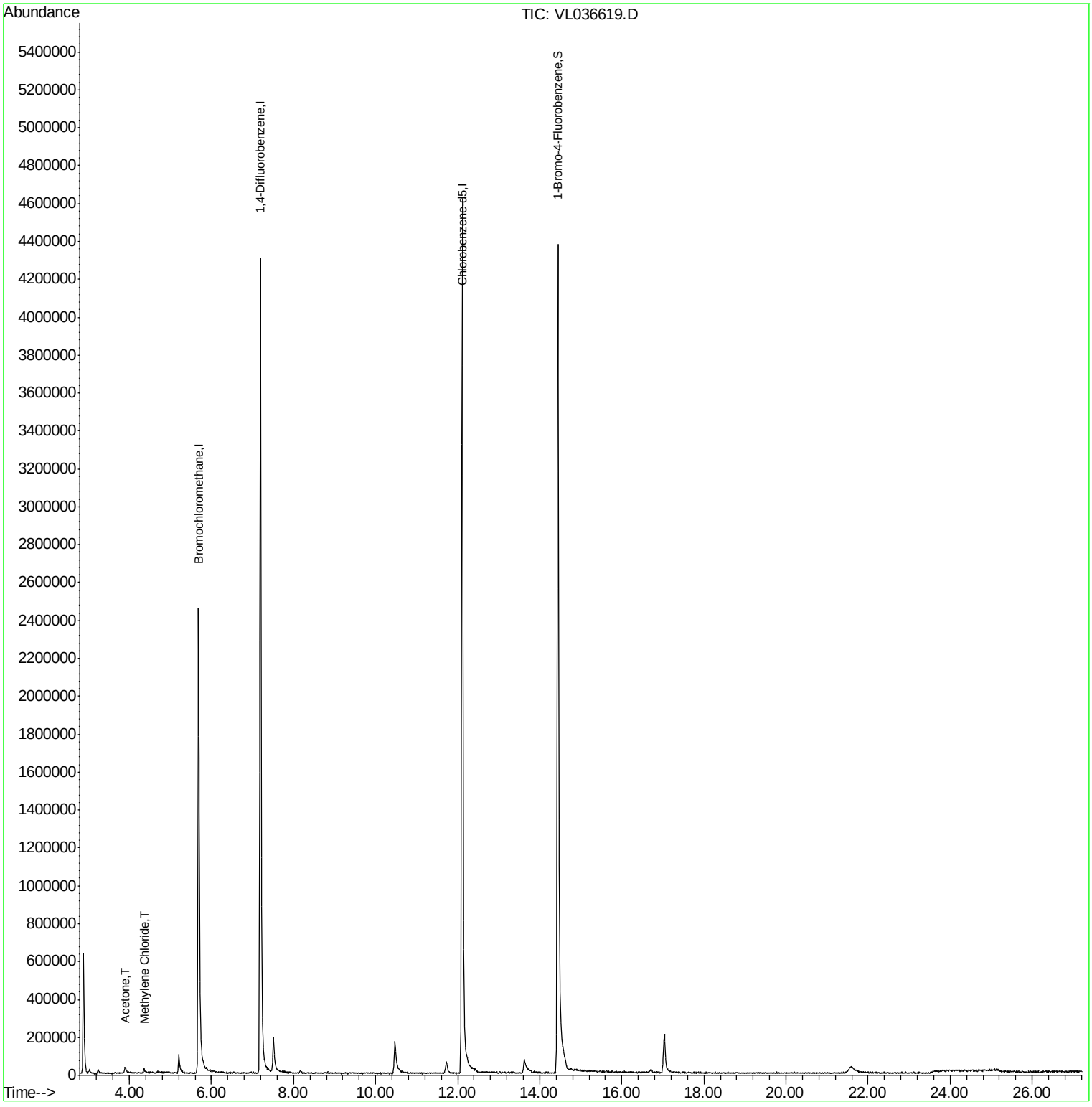
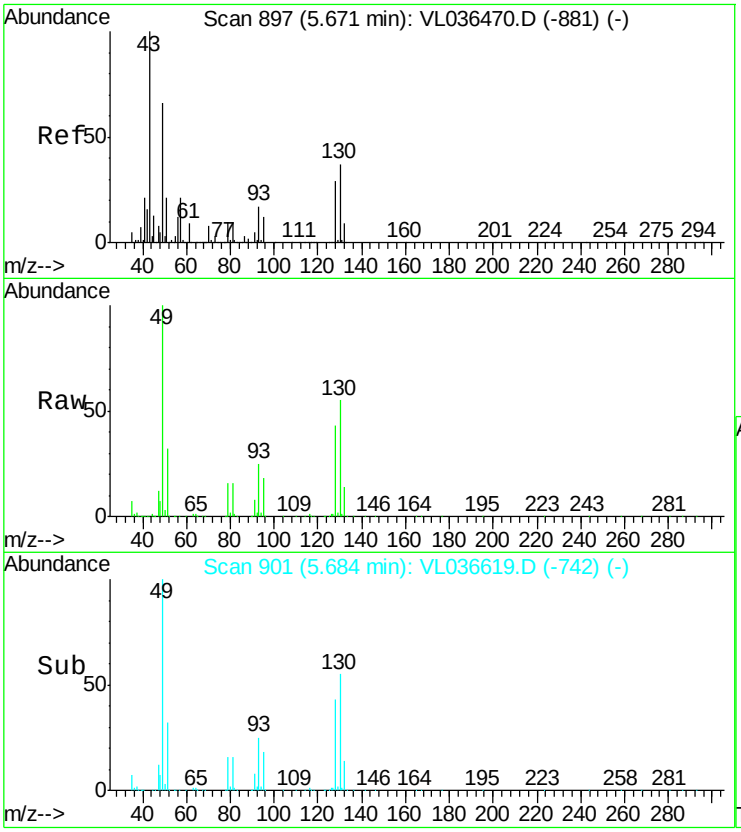
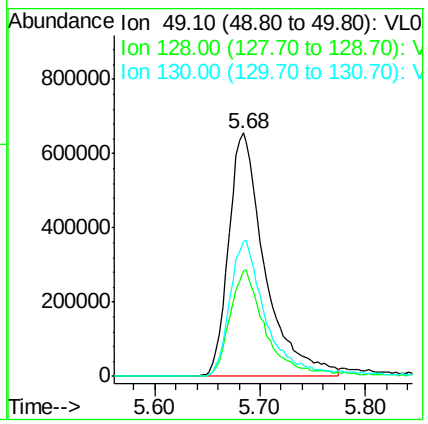




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL036619.D
Acq: 1 Apr 2021 2:46

Tgt Ion: 49 Resp: 1563266

Ion	Ratio	Lower	Upper
49	100		
128	44.0	23.5	70.6
130	56.2	29.1	87.4



Instrument :
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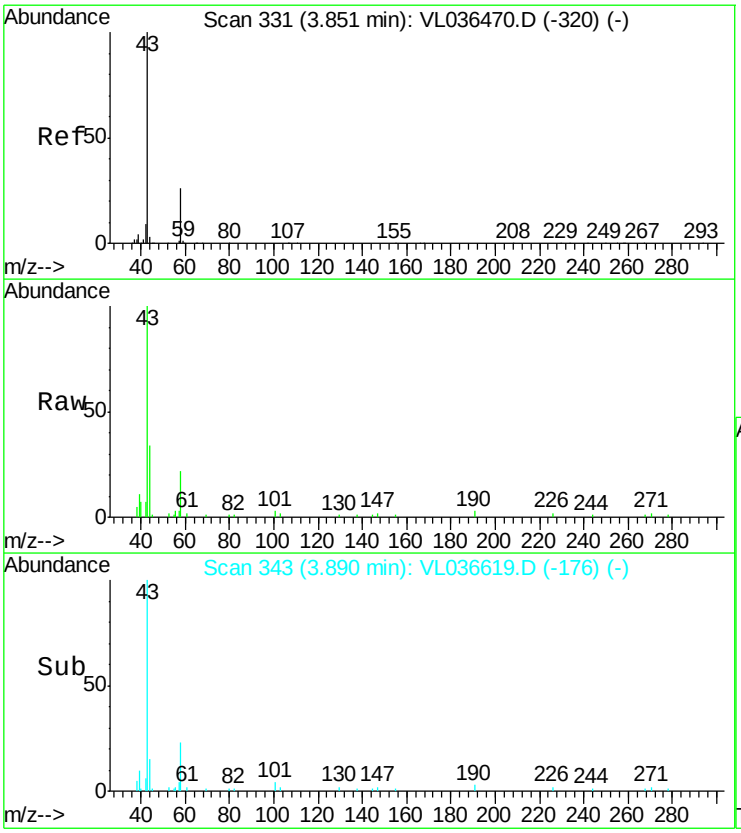
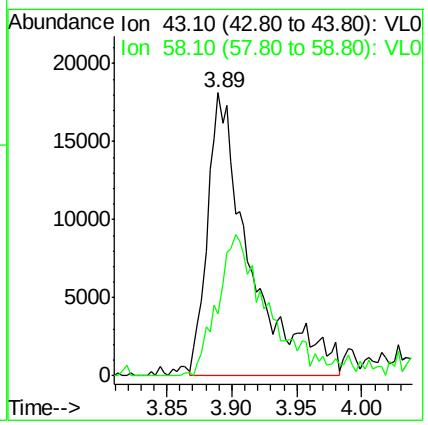
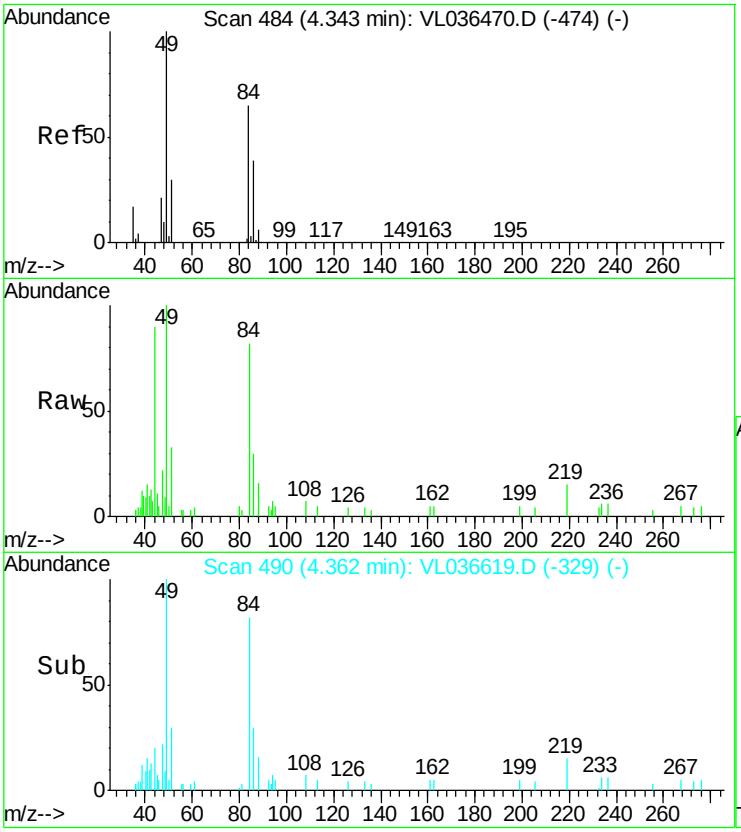


#15
Acetone
Concen: 0.270 ppbv m
RT: 3.89 min Scan# 343
Delta R.T. 0.04 min
Lab File: VL036619.D
Acq: 1 Apr 2021 2:46

Tgt Ion: 43 Resp: 41555

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.2	31.8#

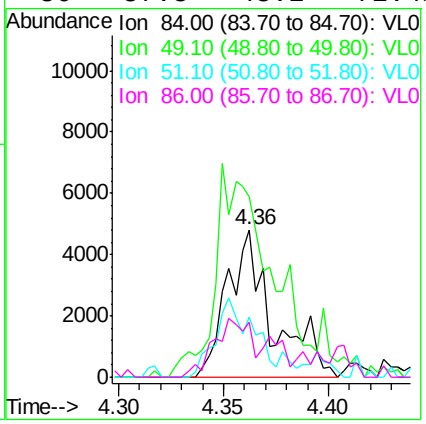




#20
Methylene Chloride
Concen: 0.100 ppbv m
RT: 4.36 min Scan# 490
Delta R.T. 0.02 min
Lab File: VL036619.D
Acq: 1 Apr 2021 2:46

Tgt Ion: 84 Resp: 7222

Ion	Ratio	Lower	Upper
84	100		
49	122.6	122.9	184.3#
51	40.8	36.9	55.3
86	37.3	48.2	72.4#



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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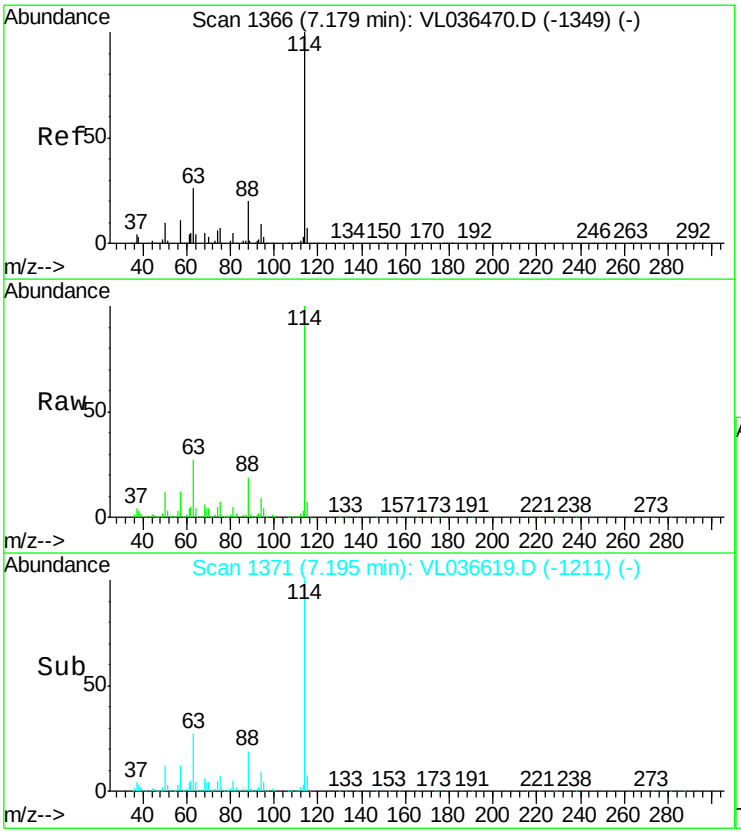
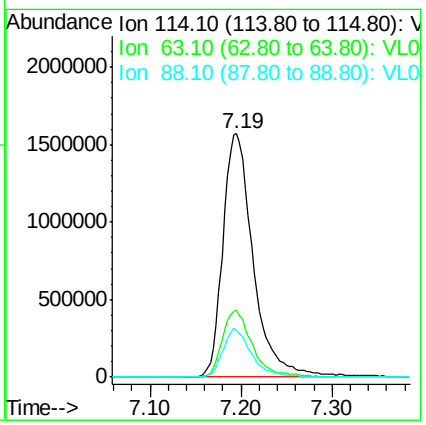
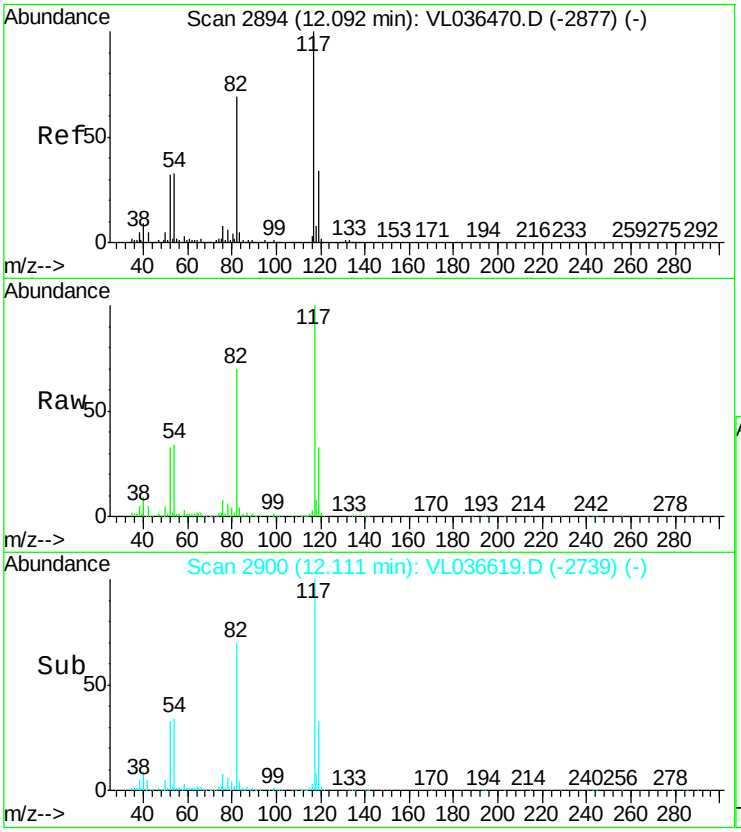


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1371
Delta R.T. 0.02 min
Lab File: VL036619.D
Acq: 1 Apr 2021 2:46

Tgt Ion:114 Resp: 3633141

Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.4	33.6
88	19.2	15.4	23.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.02 min
Lab File: VL036619.D
Acq: 1 Apr 2021 2:46

Tgt Ion:117 Resp: 3113301

Ion	Ratio	Lower	Upper
117	100		
82	71.0	57.4	86.0
119	33.7	47.4	71.0#

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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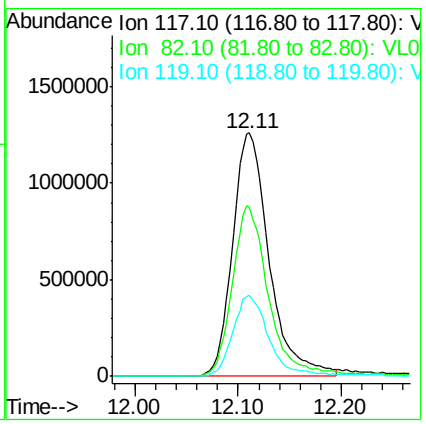

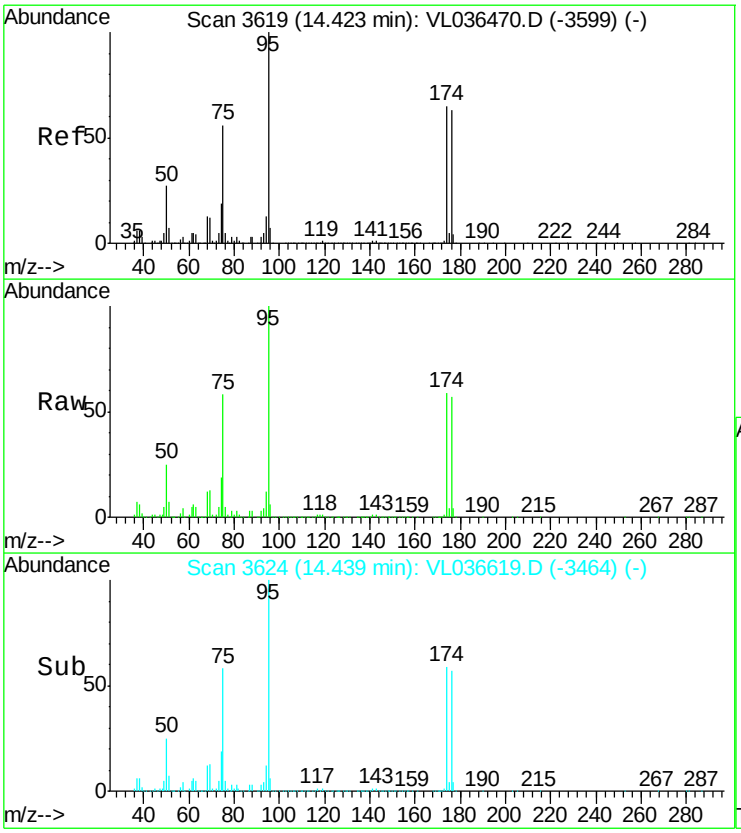

#68
1-Bromo-4-Fluorobenzene
Concen: 10.028 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. 0.02 min
Lab File: VL036619.D
Acq: 1 Apr 2021 2:46

Tgt Ion: 95 Resp: 2488330

Ion	Ratio	Lower	Upper
95	100		
174	64.1	51.0	76.6
175	4.7	3.9	5.9