Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012821\
Data File : VL036287.D
Acq On : 29 Jan 2021 1:11
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 29 03:31:19 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 1
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
2/1/2021 1:53:56 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1494281	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3359971	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3009567	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2498133	10.03	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.30%			
Target Compounds						Qvalue
9) Propene	3.02	41	9059m	0.104	ppbv	
15) Acetone	3.87	43	28905m	0.158	ppbv	

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

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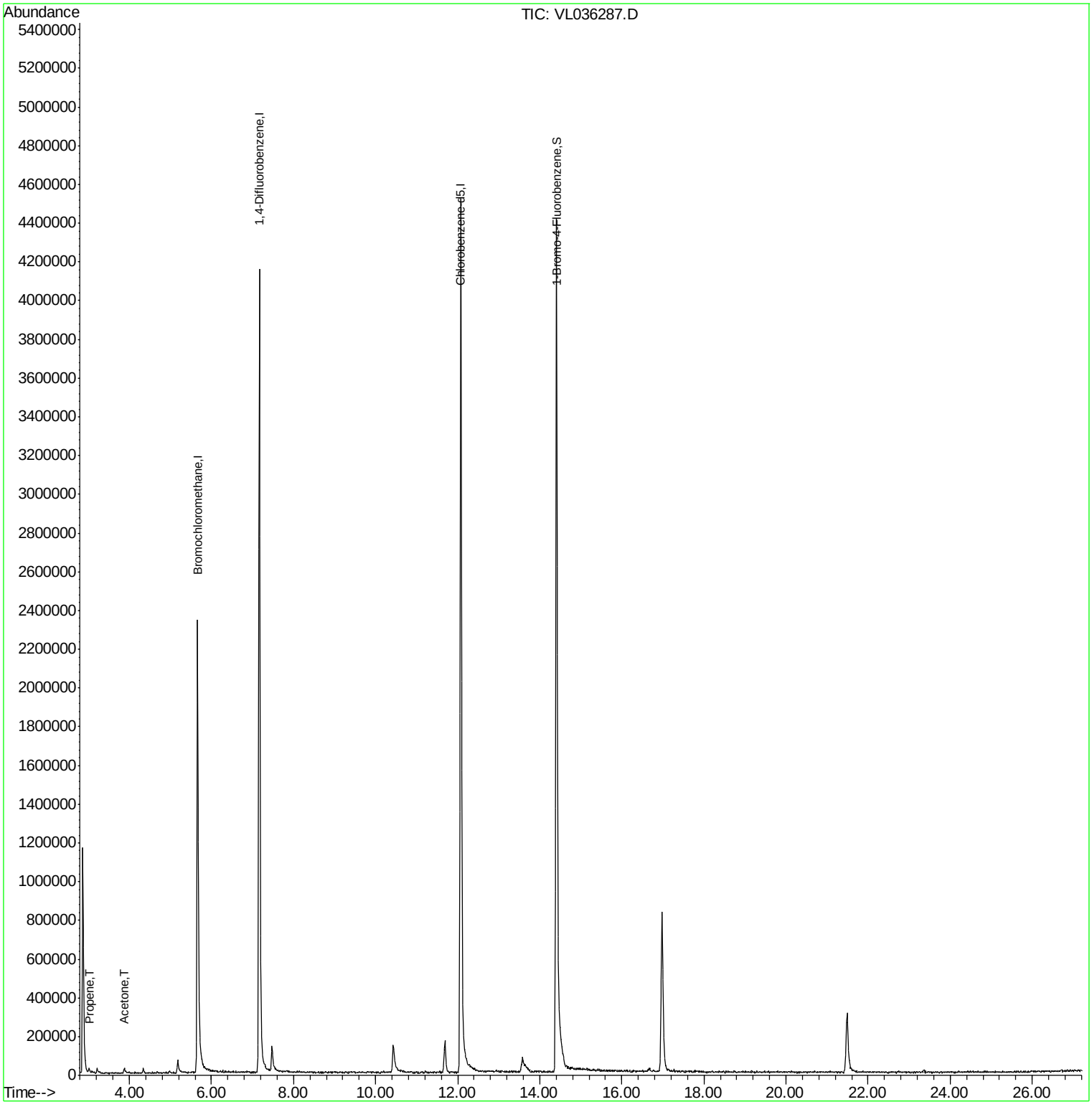
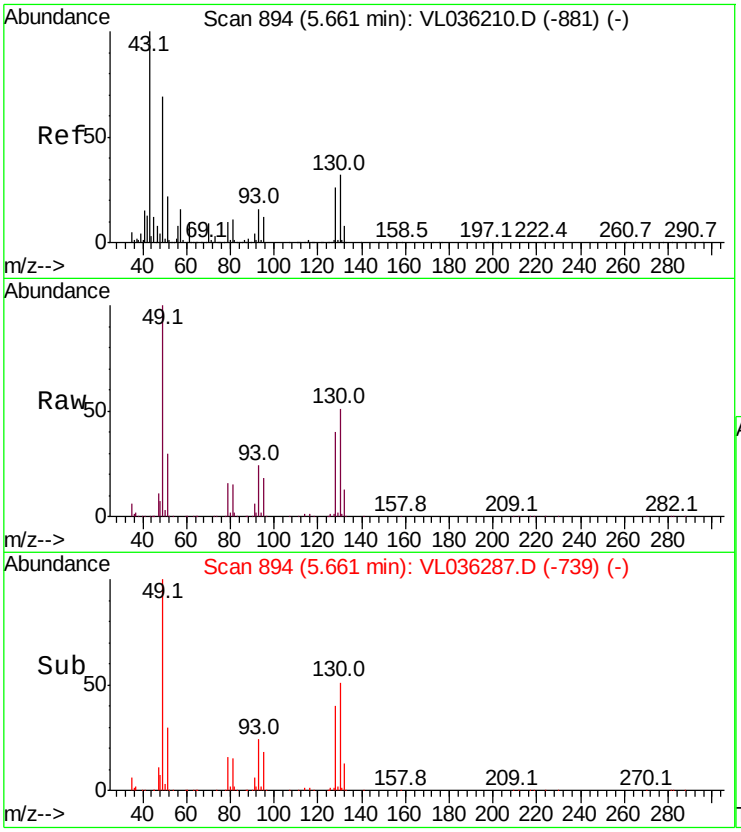
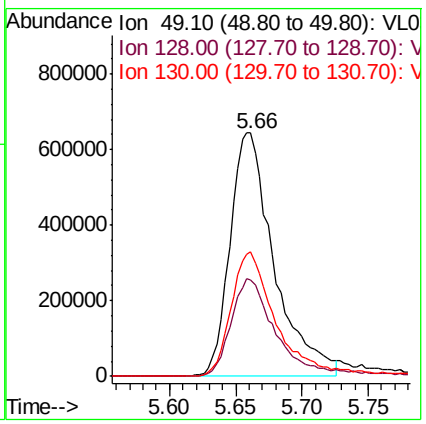




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.00 min
Lab File: VL036287.D
Acq: 29 Jan 2021 1:11

Tgt Ion: 49 Resp: 1494281

Ion	Ratio	Lower	Upper
49	100		
128	42.1	20.1	60.2
130	53.3	25.3	75.9



Instrument :
MSVOA_L
ClientSampleId :
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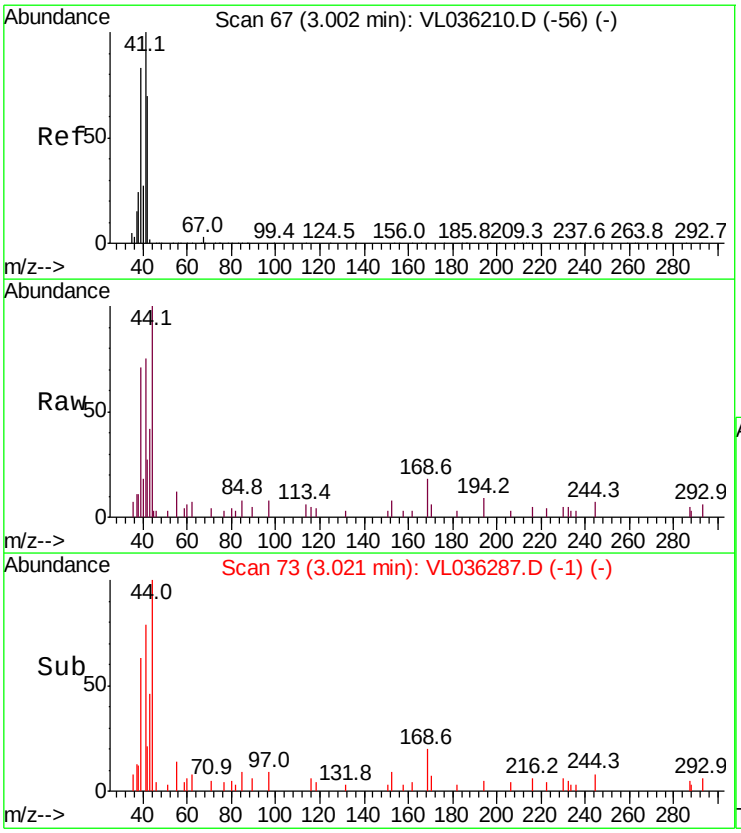
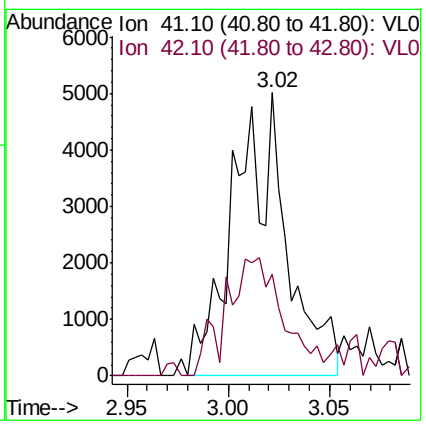
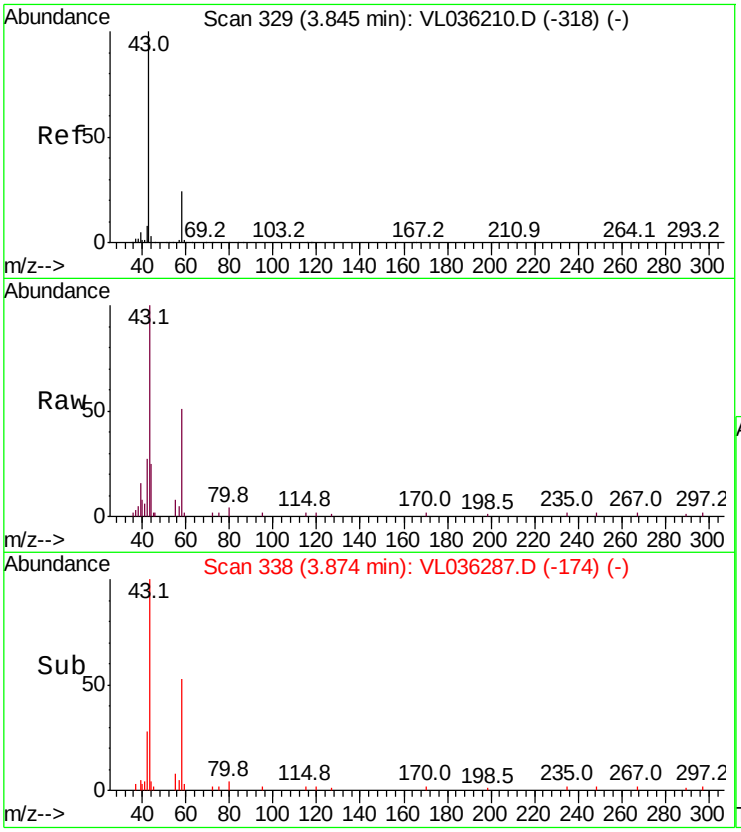


#9
Propene
Concen: 0.104 ppbv m
RT: 3.02 min Scan# 73
Delta R.T. 0.02 min
Lab File: VL036287.D
Acq: 29 Jan 2021 1:11

Tgt Ion: 41 Resp: 9059

Ion	Ratio	Lower	Upper
41	100		
42	0.0	57.1	85.7#

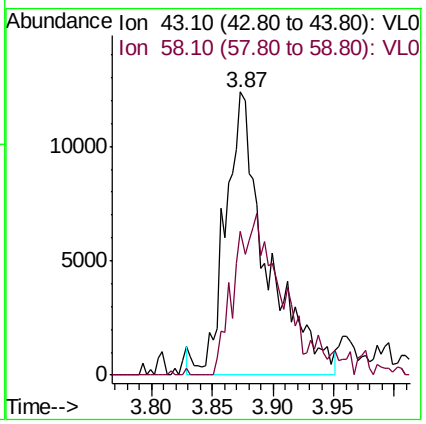




#15
Acetone
Concen: 0.158 ppbv m
RT: 3.87 min Scan# 338
Delta R.T. 0.03 min
Lab File: VL036287.D
Acq: 29 Jan 2021 1:11

Tgt Ion: 43 Resp: 28905

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.9	31.3#



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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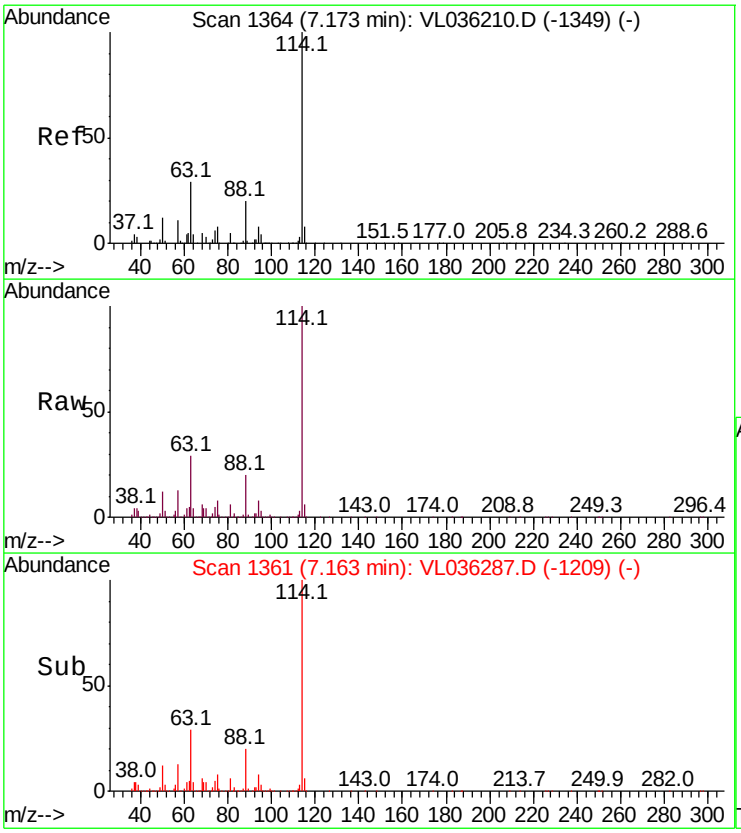
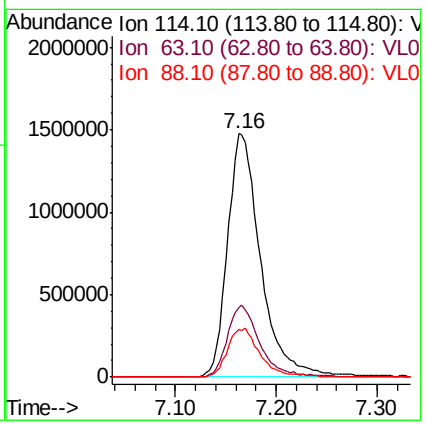
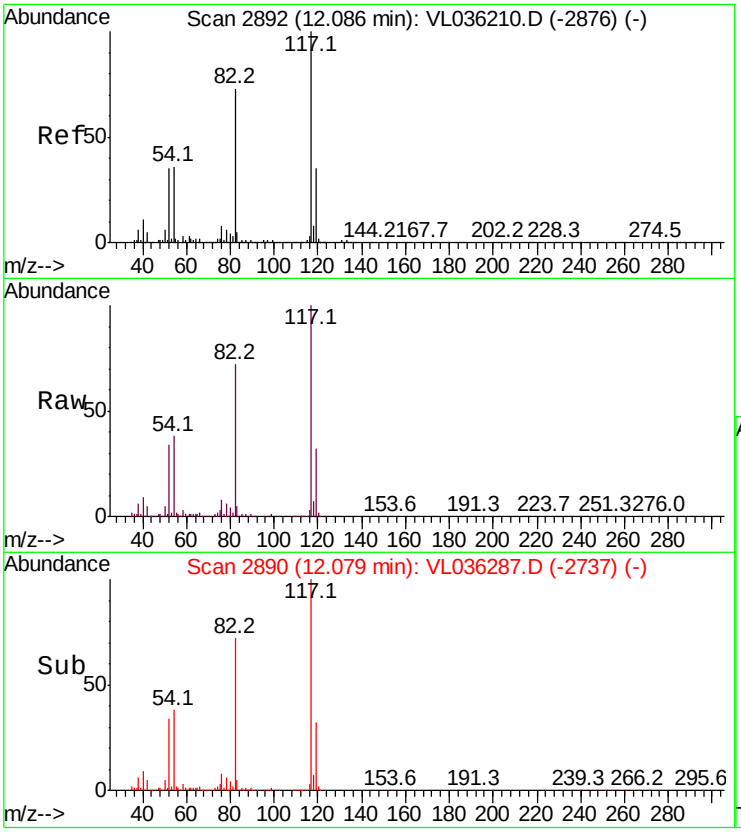


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.01 min
Lab File: VL036287.D
Acq: 29 Jan 2021 1:11

Tgt Ion:114 Resp: 3359971

Ion	Ratio	Lower	Upper
114	100		
63	29.5	24.7	37.1
88	20.0	16.6	24.8

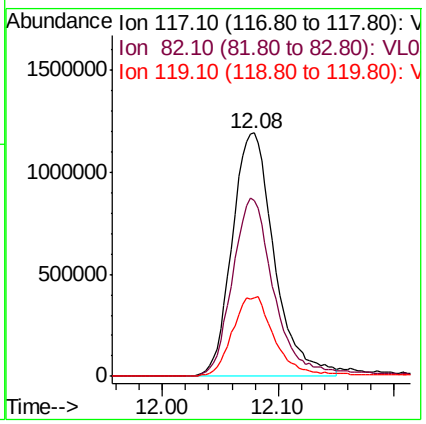




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL036287.D
Acq: 29 Jan 2021 1:11

Tgt Ion:117 Resp: 3009567

Ion	Ratio	Lower	Upper
117	100		
82	75.2	59.7	89.5
119	33.8	28.6	43.0



Instrument :
MSVOA_L
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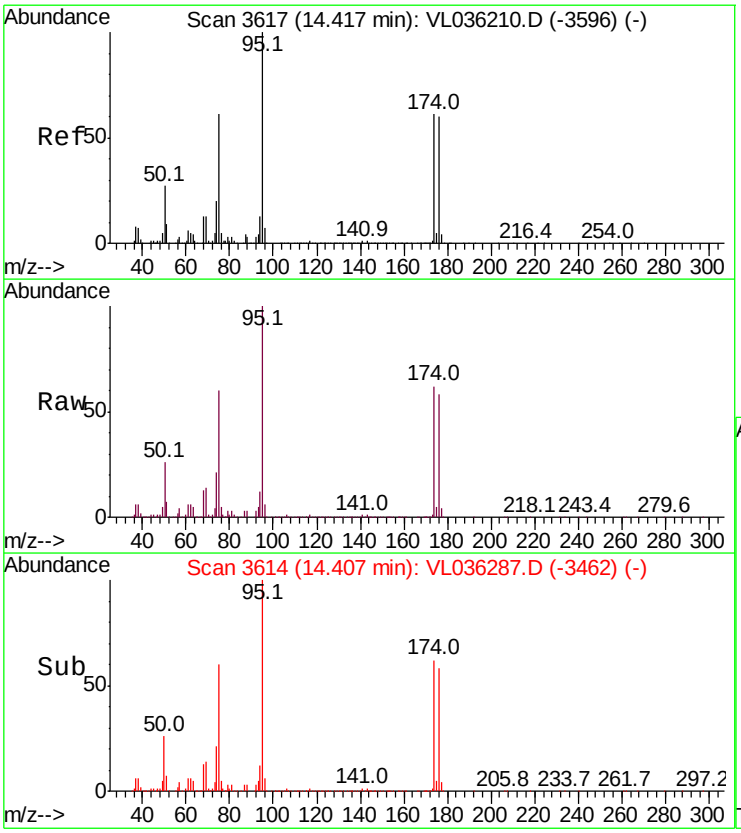

#68
1-Bromo-4-Fluorobenzene
Concen: 10.028 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL036287.D
Acq: 29 Jan 2021 1:11

Tgt Ion: 95 Resp: 2498133

Ion	Ratio	Lower	Upper
95	100		
174	63.9	49.4	74.0
175	4.6	3.8	5.8