Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091420\
Data File : VL035611.D
Acq On : 14 Sep 2020 22:55
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 07:45:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Sep 14
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VIBLK

Manual Integrations APPROVED
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9/17/2020 5:40:44 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1045667	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4497853	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	4494765	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	3294644	10.32	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.20%			
Target Compounds						Qvalue
20) Methylene Chloride	4.33	84	14871	0.173	ppbv	96
52) Tetrachloroethene	11.22	164	8637m	0.051	ppbv	

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

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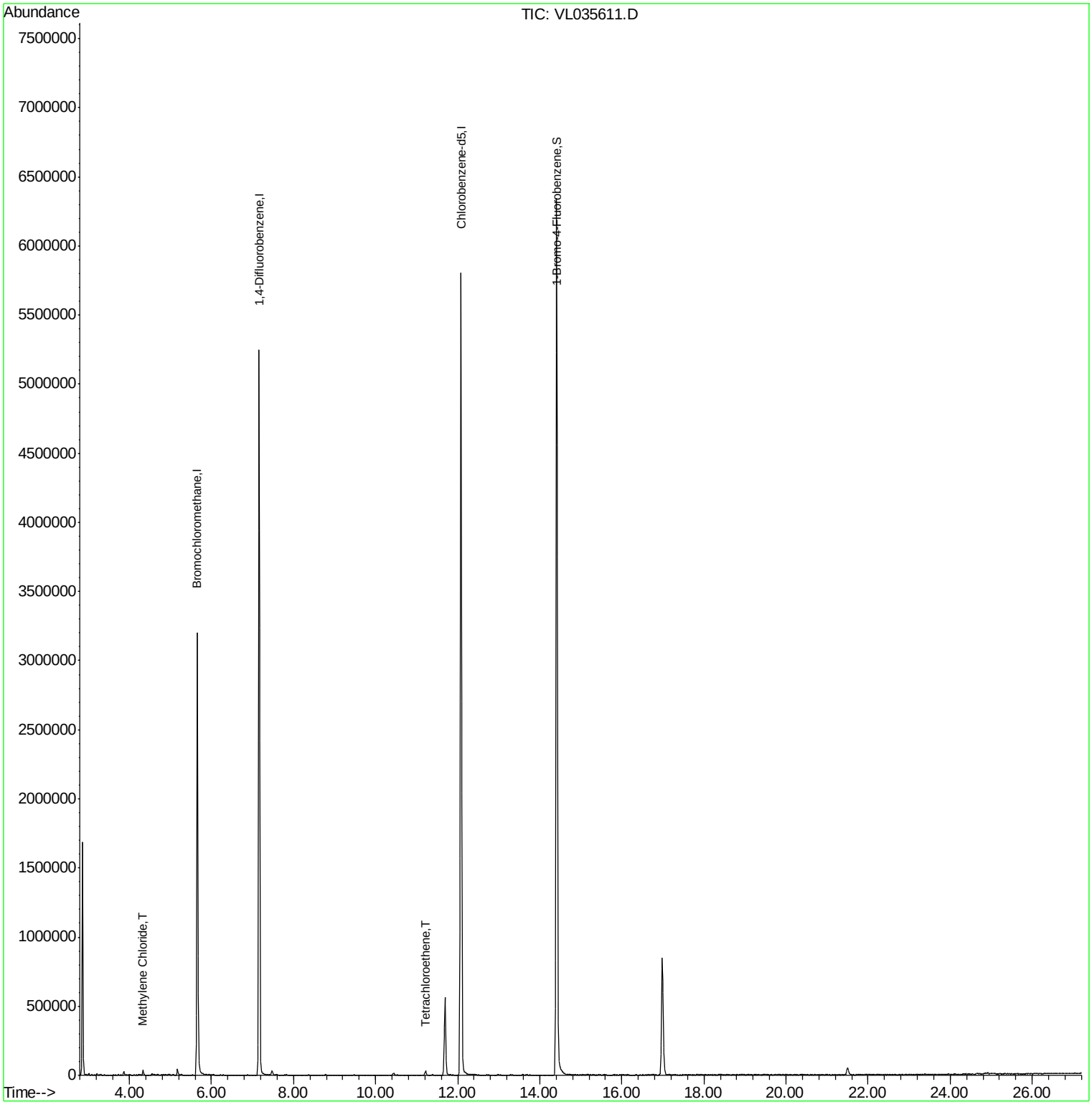
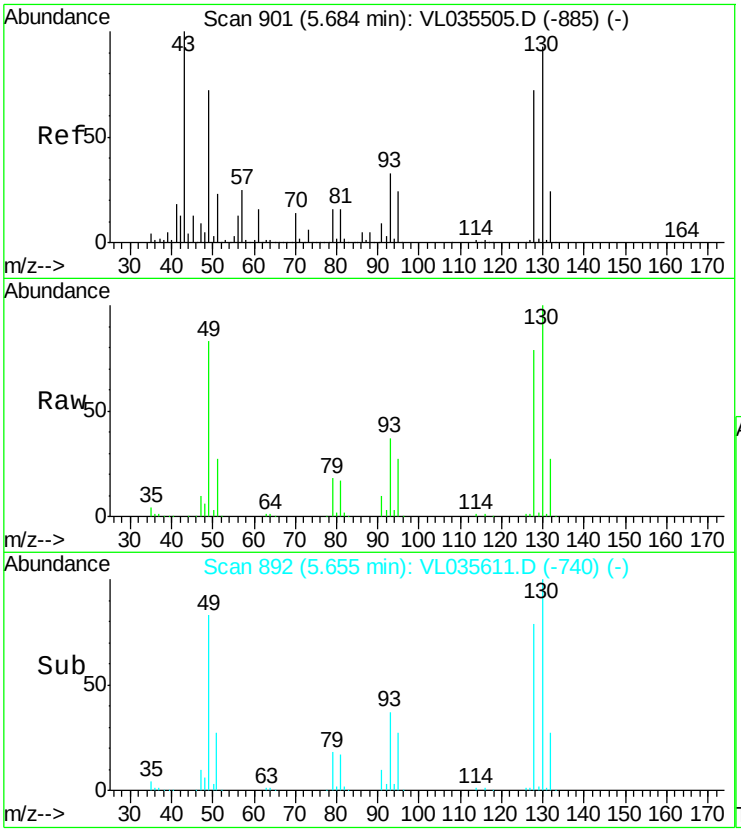
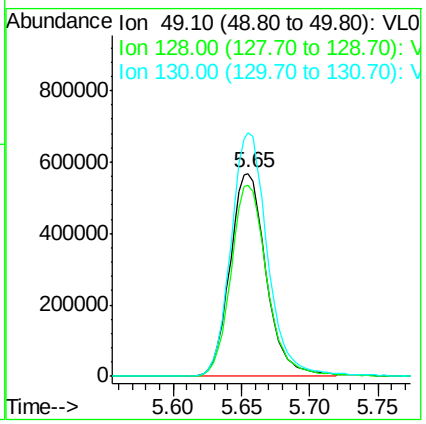




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL035611.D
Acq: 14 Sep 2020 22:55

Tgt Ion: 49 Resp: 1045667

Ion	Ratio	Lower	Upper
49	100		
128	94.9	50.0	150.1
130	122.1	64.4	193.2



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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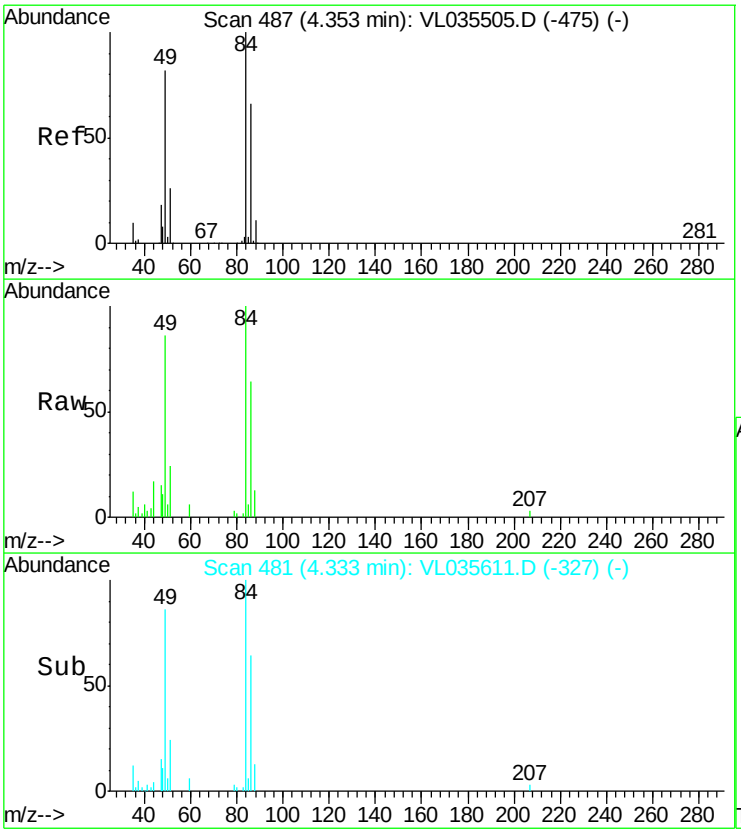
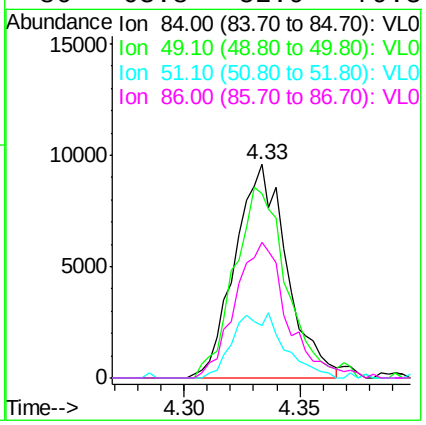
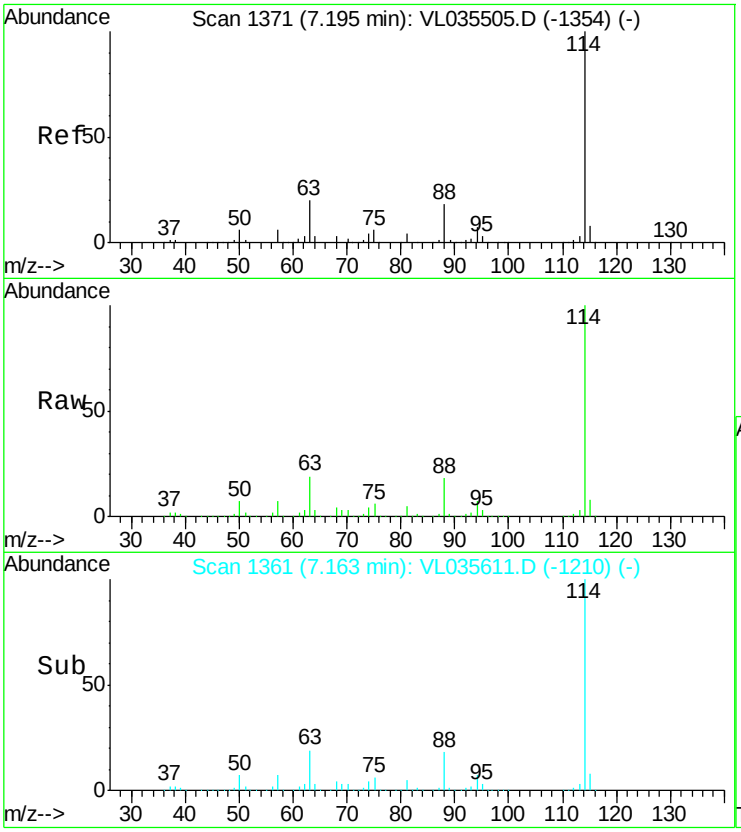


#20
Methylene Chloride
Concen: 0.173 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.00 min
Lab File: VL035611.D
Acq: 14 Sep 2020 22:55

Tgt Ion: 84 Resp: 14871

Ion	Ratio	Lower	Upper
84	100		
49	86.2	65.4	98.0
51	24.3	21.5	32.3
86	63.8	52.9	79.3

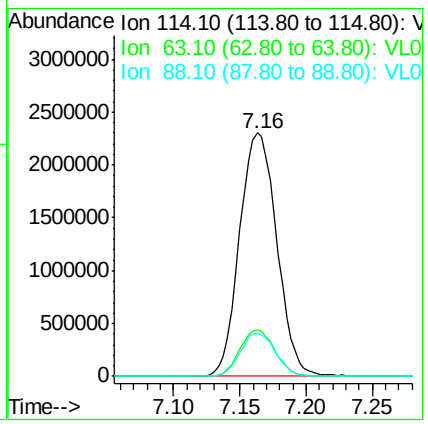




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.01 min
Lab File: VL035611.D
Acq: 14 Sep 2020 22:55

Tgt Ion:114 Resp: 4497853

Ion	Ratio	Lower	Upper
114	100		
63	18.3	14.7	22.1
88	17.0	13.4	20.2



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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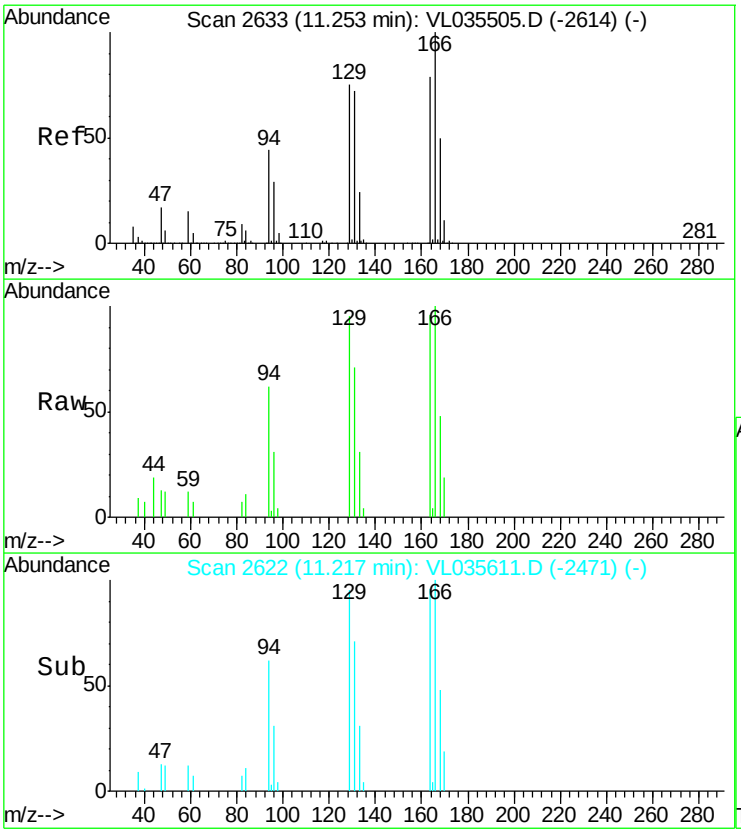
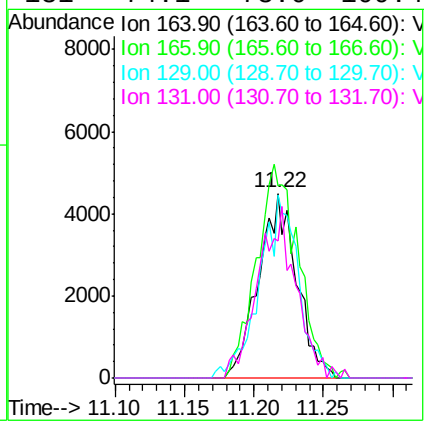
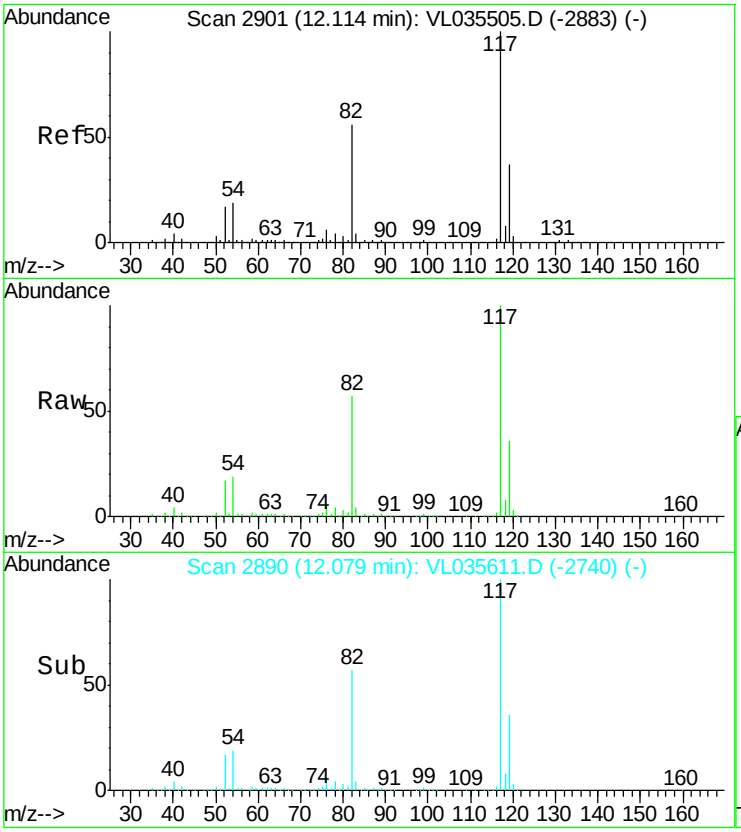


#52
Tetrachloroethene
Concen: 0.051 ppbv m
RT: 11.22 min Scan# 2622
Delta R.T. -0.01 min
Lab File: VL035611.D
Acq: 14 Sep 2020 22:55

Tgt Ion:164 Resp: 8637

Ion	Ratio	Lower	Upper
164	100		
166	104.5	100.9	151.3
129	99.3	75.3	112.9
131	74.1	73.0	109.4

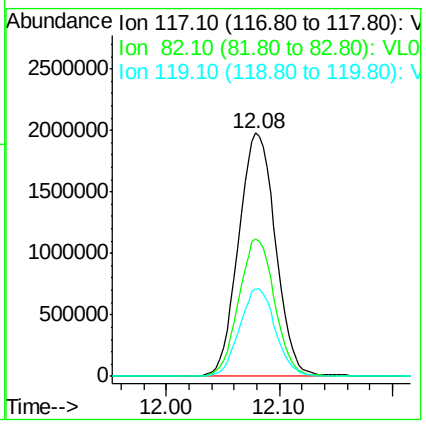




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.02 min
Lab File: VL035611.D
Acq: 14 Sep 2020 22:55

Tgt Ion:117 Resp: 4494765

Ion	Ratio	Lower	Upper
117	100		
82	55.4	41.6	62.4
119	35.0	29.3	43.9



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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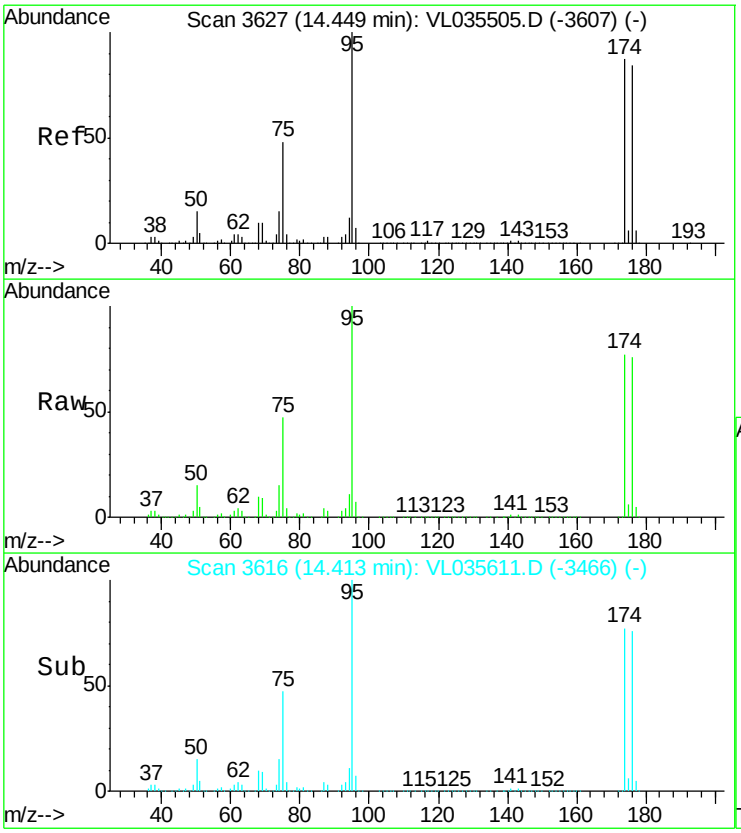

#68
1-Bromo-4-Fluorobenzene
Concen: 10.322 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.02 min
Lab File: VL035611.D
Acq: 14 Sep 2020 22:55

Tgt Ion: 95 Resp: 3294644

Ion	Ratio	Lower	Upper
95	100		
174	81.3	69.6	104.4
175	5.8	5.1	7.7