Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091420\
Data File : VL035620.D
Acq On : 15 Sep 2020 4:34
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
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9/17/2020 5:41:09 PM

Quant Time: Sep 15 08:12:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Sep 1
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	911061	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3822717	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	3911104	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2844274	10.24	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.40%			
Target Compounds						Qvalue
20) Methylene Chloride	4.33	84	12828	0.171	ppbv	95
52) Tetrachloroethene	11.21	164	10269m	0.071	ppbv	

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

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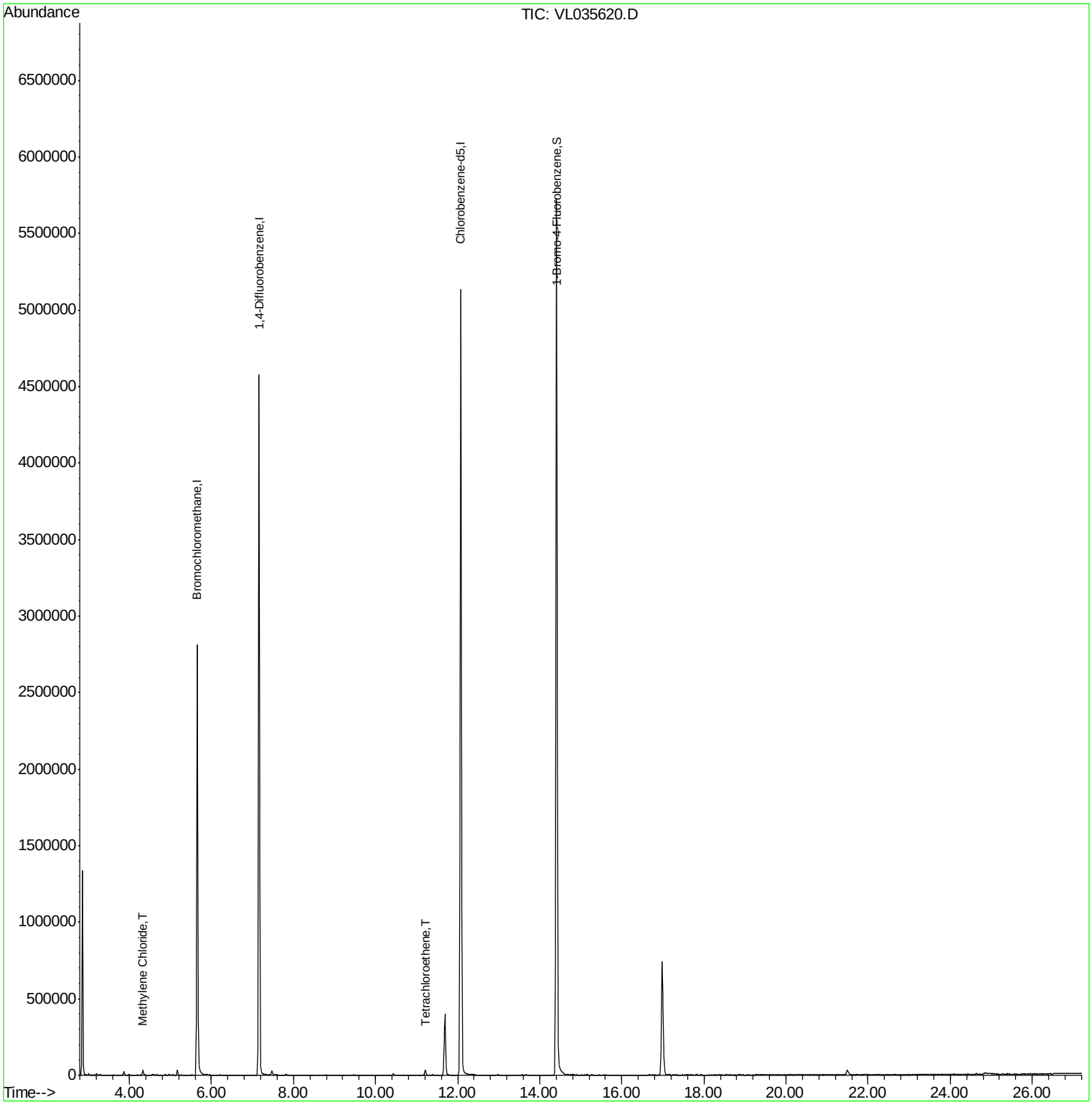
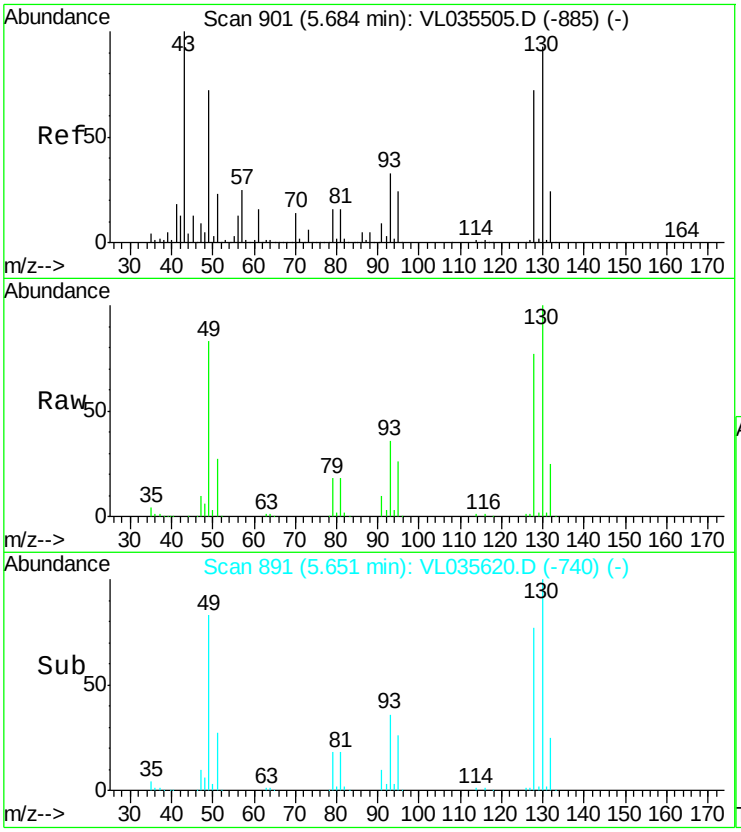
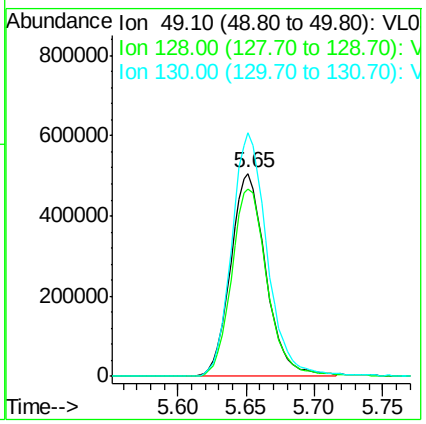




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.01 min
Lab File: VL035620.D
Acq: 15 Sep 2020 4:34

Tgt Ion: 49 Resp: 911061

Ion	Ratio	Lower	Upper
49	100		
128	94.1	50.0	150.1
130	121.5	64.4	193.2



Instrument :
MSVOA_L
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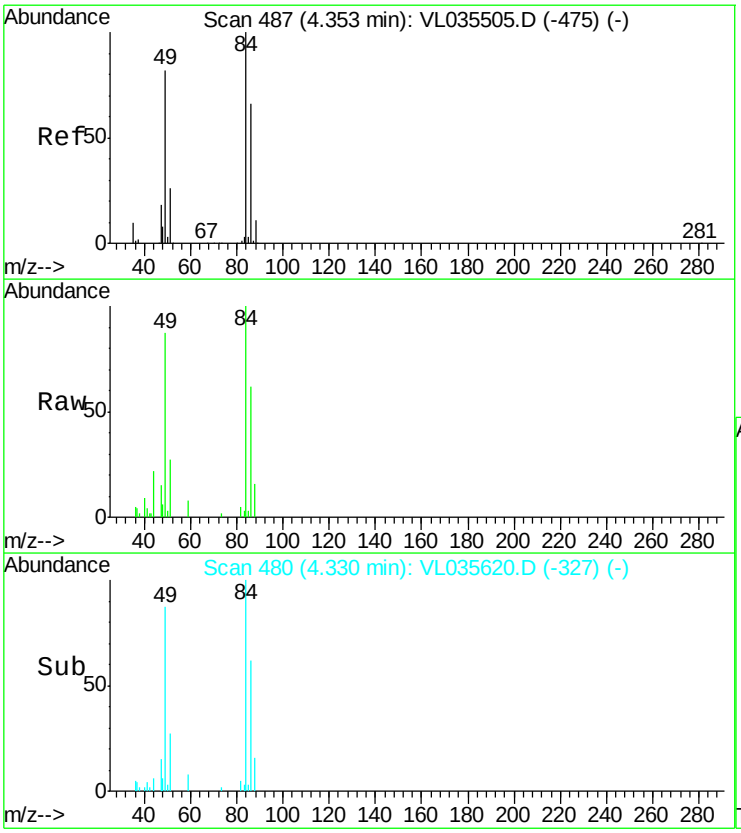
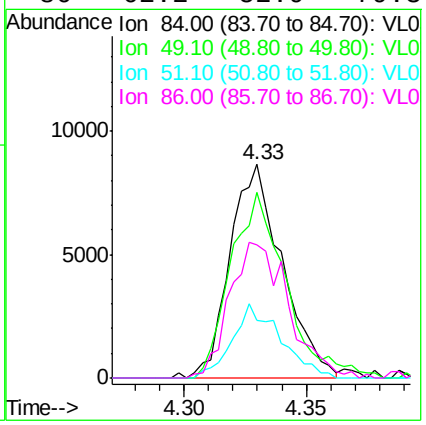
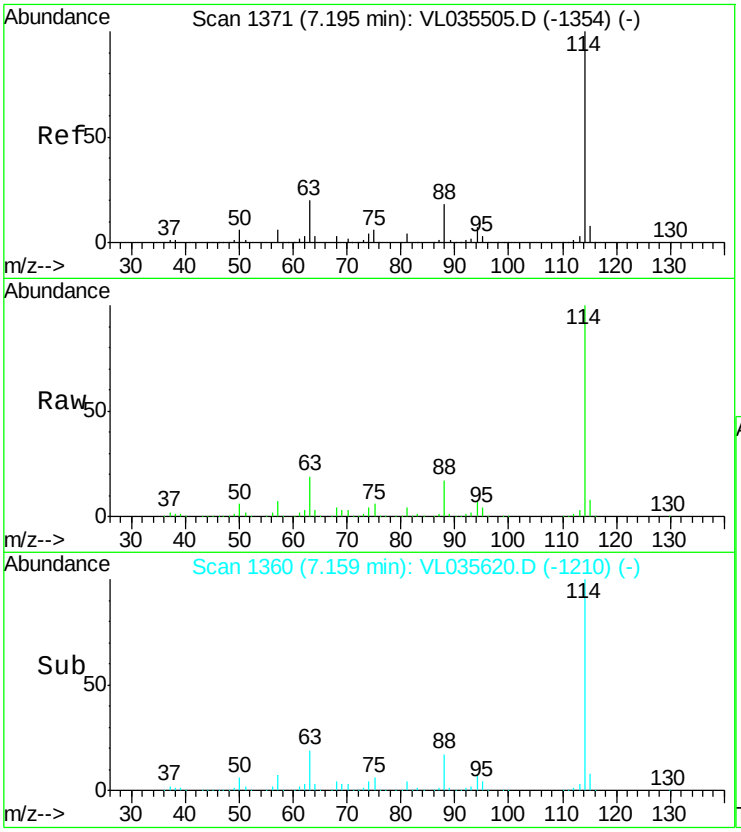


#20
Methylene Chloride
Concen: 0.171 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.01 min
Lab File: VL035620.D
Acq: 15 Sep 2020 4:34

Tgt Ion: 84 Resp: 12828

Ion	Ratio	Lower	Upper
84	100		
49	86.9	65.4	98.0
51	27.2	21.5	32.3
86	62.2	52.9	79.3

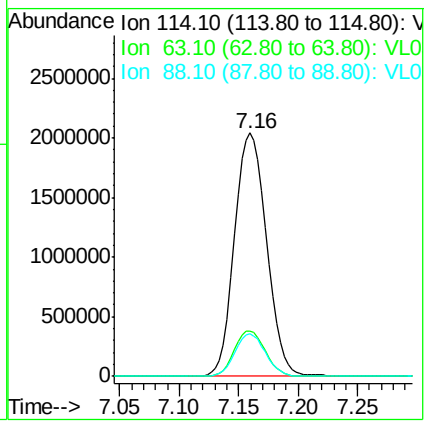




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.02 min
Lab File: VL035620.D
Acq: 15 Sep 2020 4:34

Tgt Ion:114 Resp: 3822717

Ion	Ratio	Lower	Upper
114	100		
63	18.2	14.7	22.1
88	16.7	13.4	20.2



Instrument :
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ClientSampleId :
VIBLK

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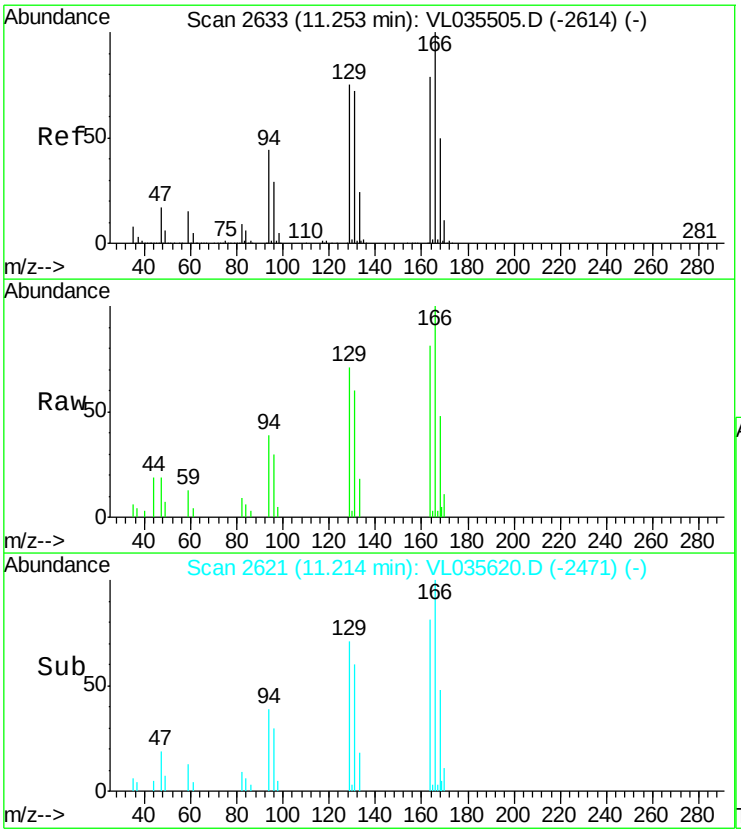
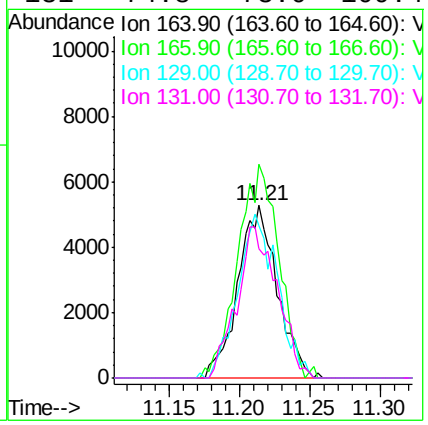
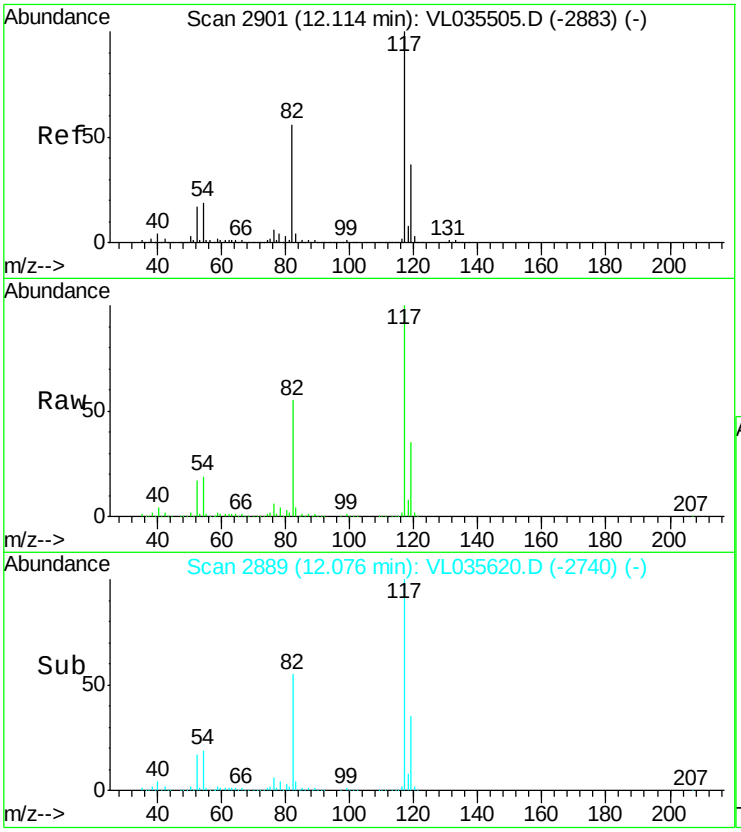


#52
Tetrachloroethene
Concen: 0.071 ppbv m
RT: 11.21 min Scan# 2621
Delta R.T. -0.02 min
Lab File: VL035620.D
Acq: 15 Sep 2020 4:34

Tgt Ion:164 Resp: 10269

Ion	Ratio	Lower	Upper
164	100		
166	123.8	100.9	151.3
129	88.0	75.3	112.9
131	74.8	73.0	109.4

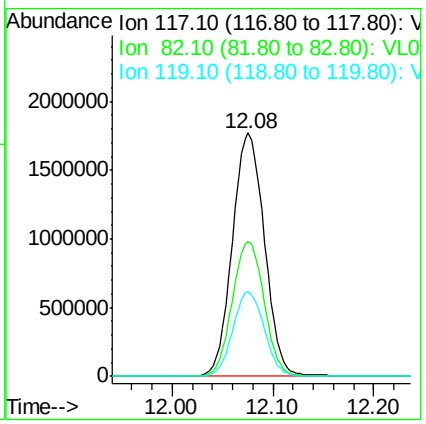




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.02 min
Lab File: VL035620.D
Acq: 15 Sep 2020 4:34

Tgt Ion:117 Resp: 3911104

Ion	Ratio	Lower	Upper
117	100		
82	55.2	41.6	62.4
119	34.1	29.3	43.9



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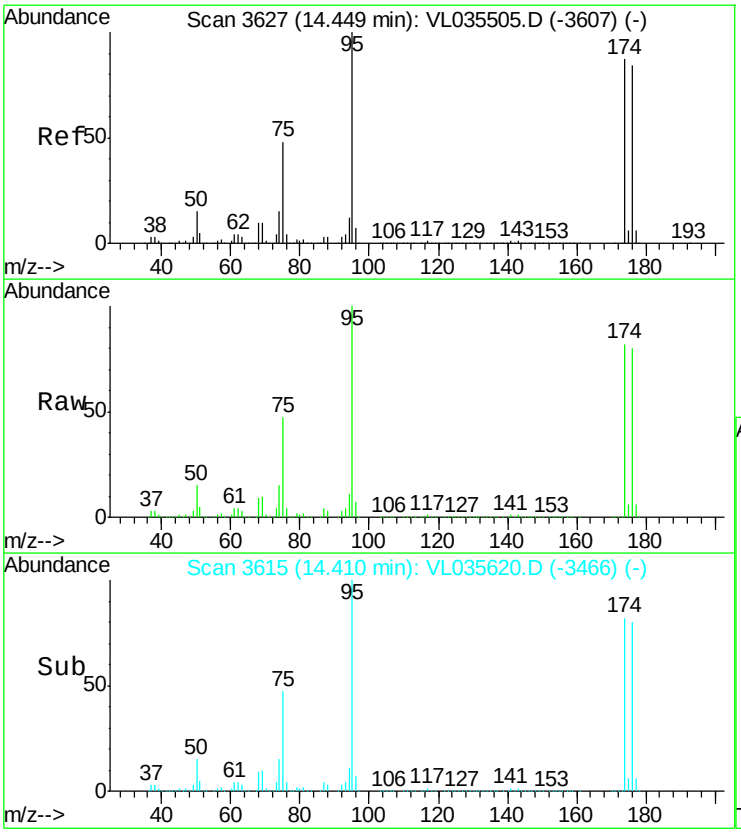

#68
1-Bromo-4-Fluorobenzene
Concen: 10.241 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.02 min
Lab File: VL035620.D
Acq: 15 Sep 2020 4:34

Tgt Ion: 95 Resp: 2844274

Ion	Ratio	Lower	Upper
95	100		
174	83.0	69.6	104.4
175	5.9	5.1	7.7