Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080118\
Data File : VL032329.D
Acq On : 1 Aug 2018 18:30
Operator : SY/AP
Sample : VL0801ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 02 01:03:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 2
QLast Update : Fri Jul 27 07:05:37 2018
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL0801ABL01

Manual Integrations APPROVED
MMDadoda
8/2/2018 2:04:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.83	49	1941578	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.36	114	4571232	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.32	117	4585617	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.66	95	3678248	10.33	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.30%			
Target Compounds						Qvalue
15) Acetone	3.98	43	79232	0.43	ppbv	92
20) Methylene Chloride	4.46	84	14652m	0.20	ppbv	

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

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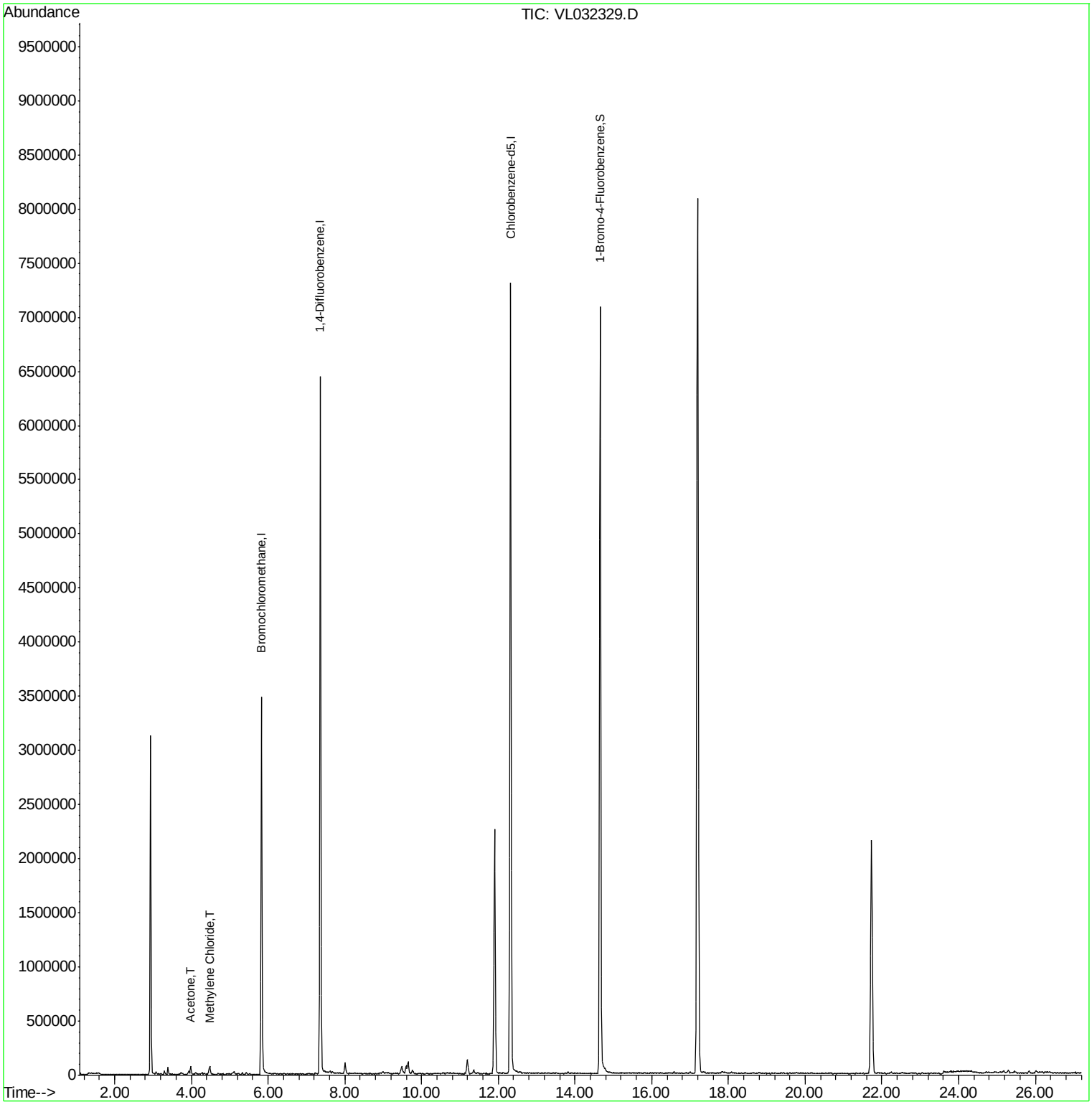
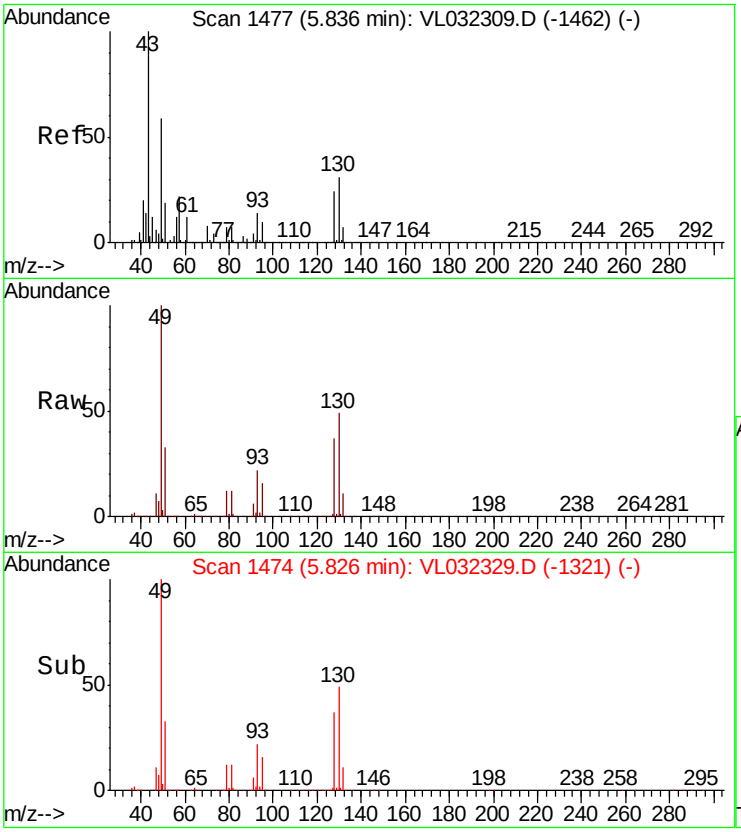
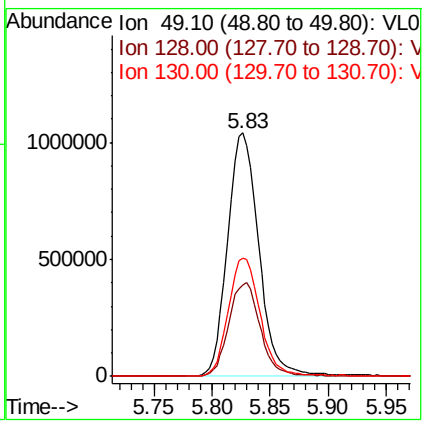




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.83 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VL032329.D
Acq: 1 Aug 2018 18:30

Tgt Ion: 49 Resp: 1941578

Ion	Ratio	Lower	Upper
49	100		
128	39.1	20.2	60.6
130	49.6	25.8	77.3



Instrument :
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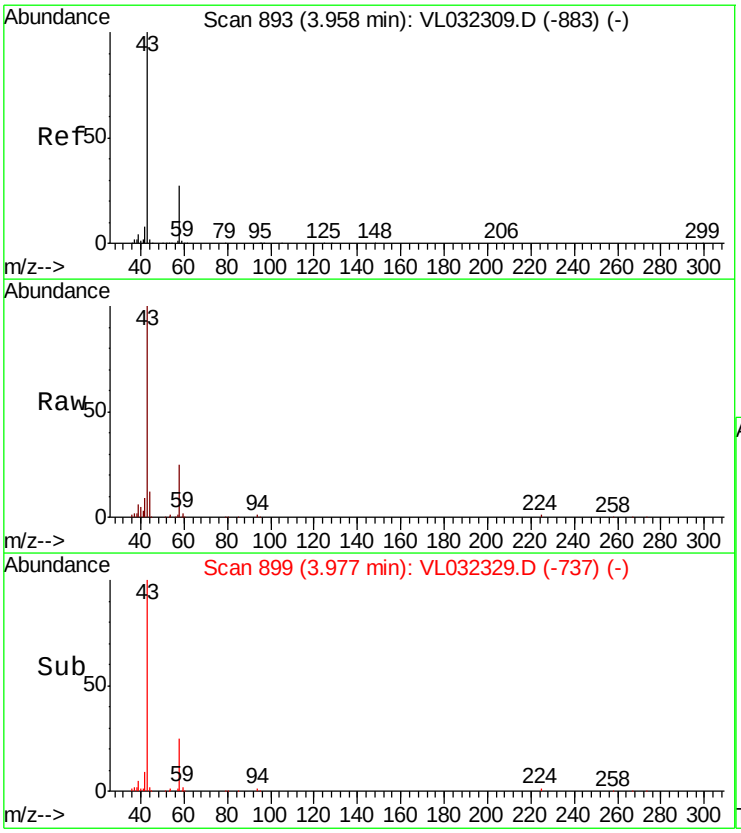
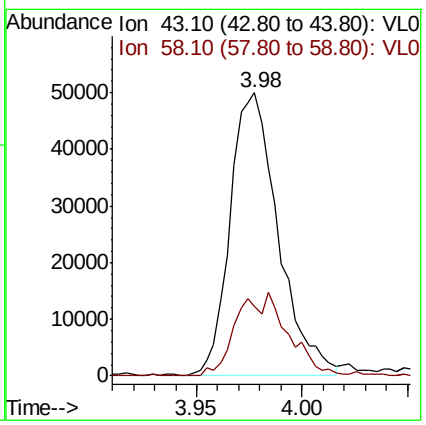
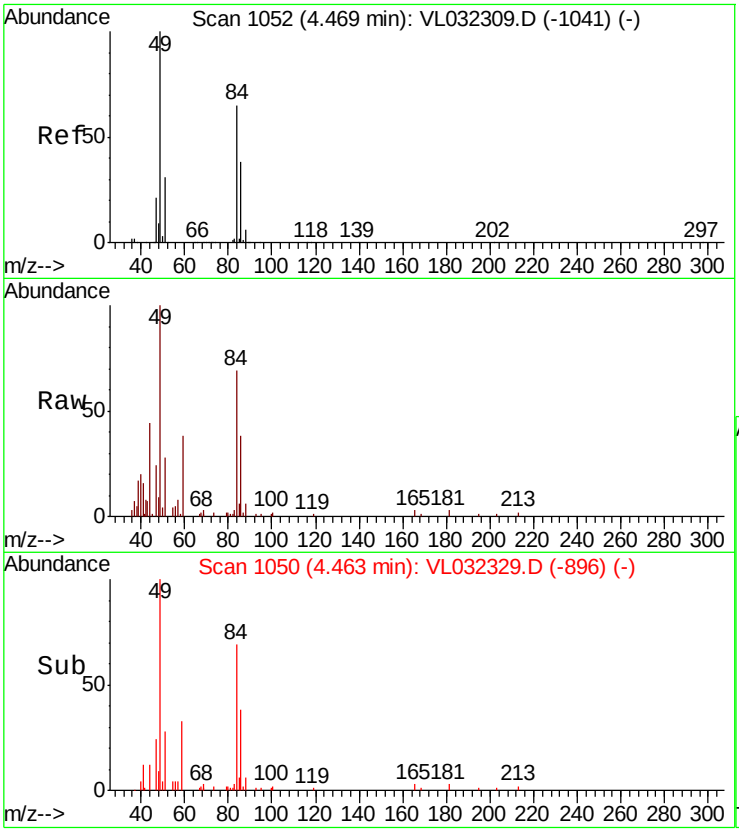


#15
Acetone
Concen: 0.43 ppbv
RT: 3.98 min Scan# 899
Delta R.T. 0.02 min
Lab File: VL032329.D
Acq: 1 Aug 2018 18:30

Tgt Ion: 43 Resp: 79232

Ion	Ratio	Lower	Upper
43	100		
58	32.3	22.5	33.7

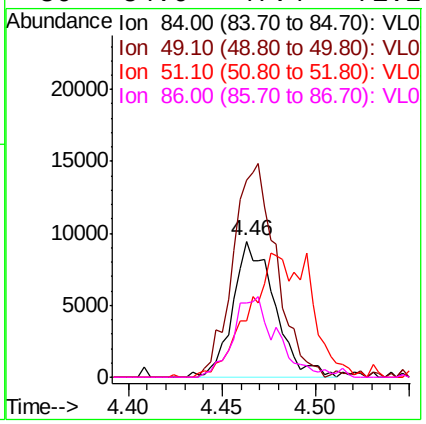




#20
Methylene Chloride
Concen: 0.20 ppbv m
RT: 4.46 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VL032329.D
Acq: 1 Aug 2018 18:30

Tgt Ion: 84 Resp: 14652

Ion	Ratio	Lower	Upper
84	100		
49	145.4	123.4	185.0
51	41.2	38.2	57.2
86	54.6	47.4	71.2



Instrument :
MSVOA_L
ClientSampleId :
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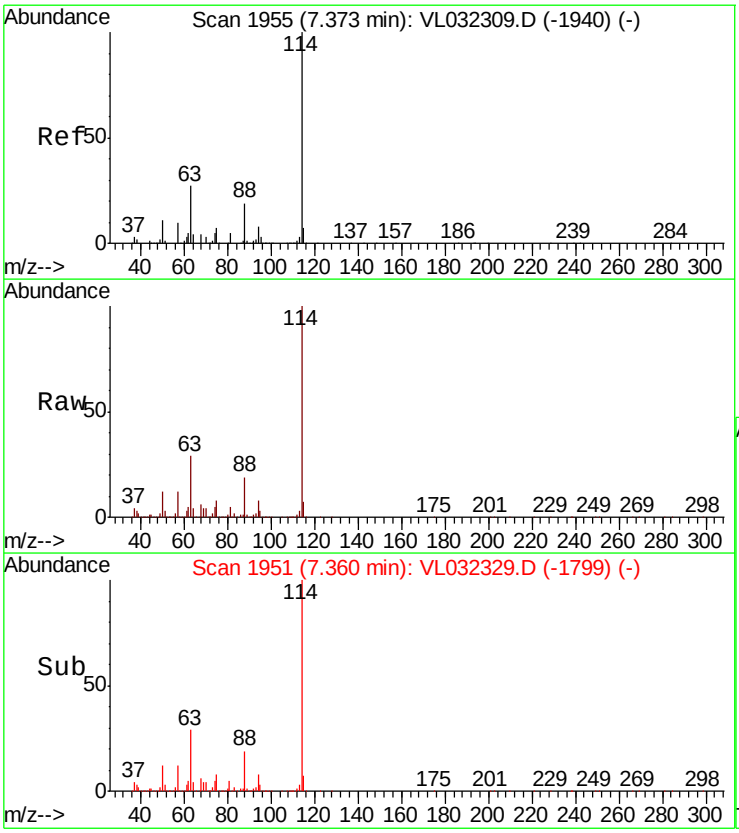
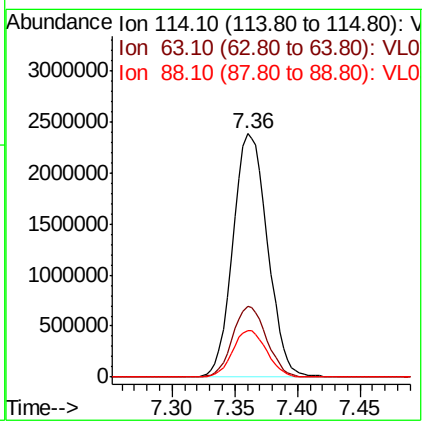
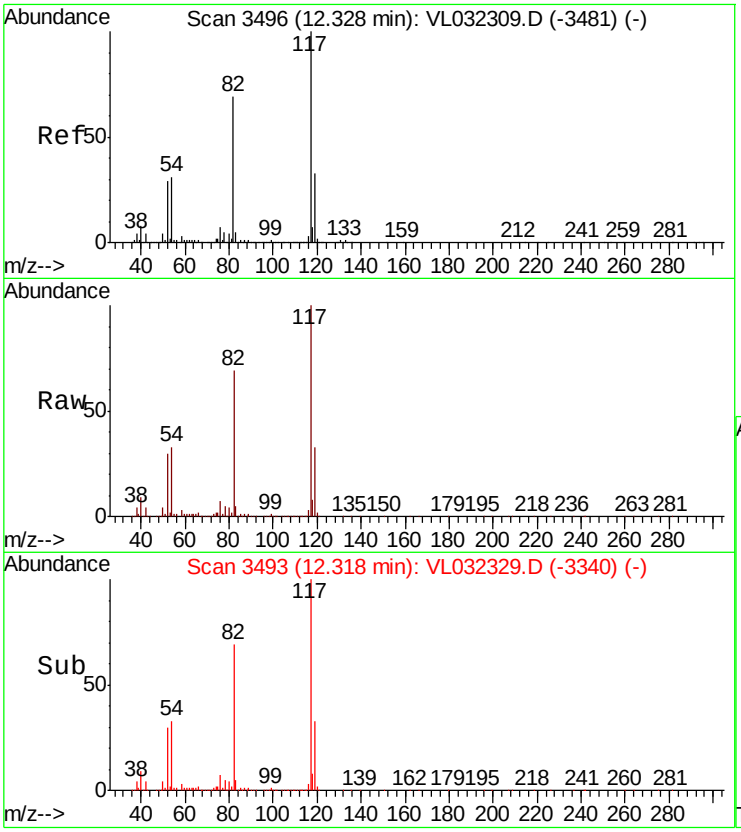


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.36 min Scan# 1951
Delta R.T. -0.01 min
Lab File: VL032329.D
Acq: 1 Aug 2018 18:30

Tgt Ion:114 Resp: 4571232

Ion	Ratio	Lower	Upper
114	100		
63	28.7	22.4	33.6
88	19.1	15.3	22.9

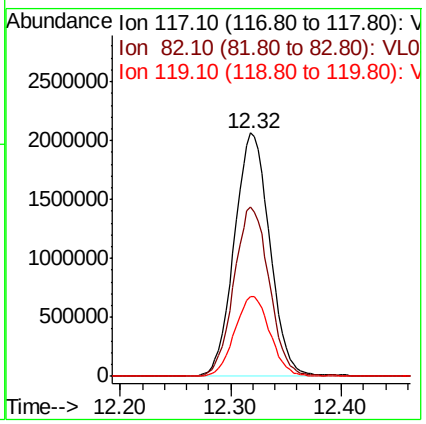




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.32 min Scan# 3493
Delta R.T. -0.01 min
Lab File: VL032329.D
Acq: 1 Aug 2018 18:30

Tgt Ion:117 Resp: 4585617

Ion	Ratio	Lower	Upper
117	100		
82	69.8	52.6	78.8
119	32.9	25.7	38.5



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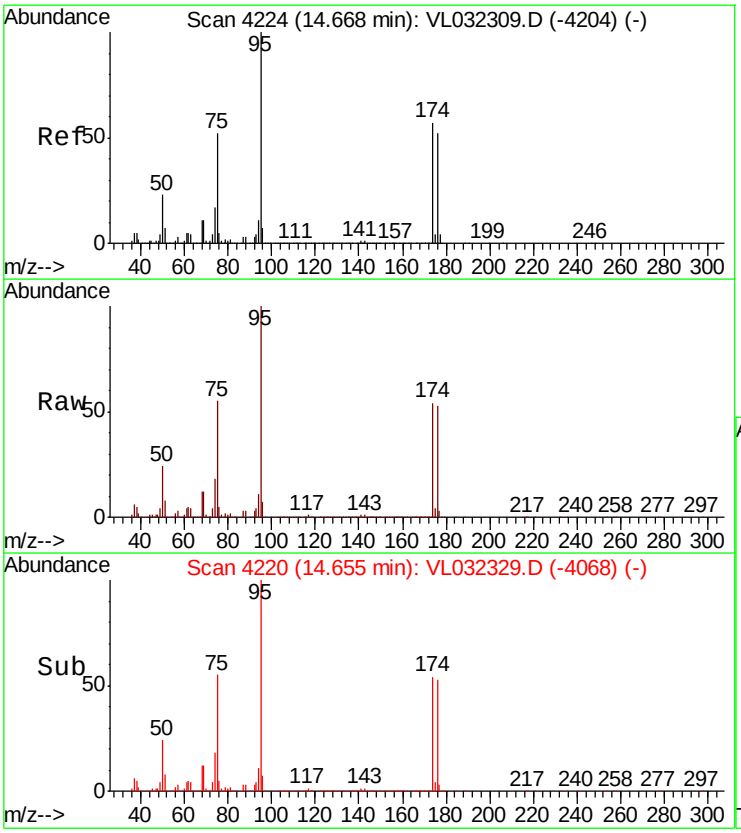

#68
1-Bromo-4-Fluorobenzene
Concen: 10.33 ppbv
RT: 14.66 min Scan# 4220
Delta R.T. -0.01 min
Lab File: VL032329.D
Acq: 1 Aug 2018 18:30

Tgt Ion: 95 Resp: 3678248

Ion	Ratio	Lower	Upper
95	100		
174	56.6	45.5	68.3
175	4.1	3.3	4.9