Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030520\
Data File : VL034815.D
Acq On : 6 Mar 2020 5:56
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
3/9/2020 9:19:55 AM

Quant Time: Mar 06 09:17:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	455654	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	1074590	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.11	117	1050134	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	829645	9.47	ppbv	-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.70%			
Target Compounds						Qvalue
59) m/p-Xylene	13.00	91	94188m	0.841	ppbv	
60) o-Xylene	13.72	91	39765m	0.351	ppbv	

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

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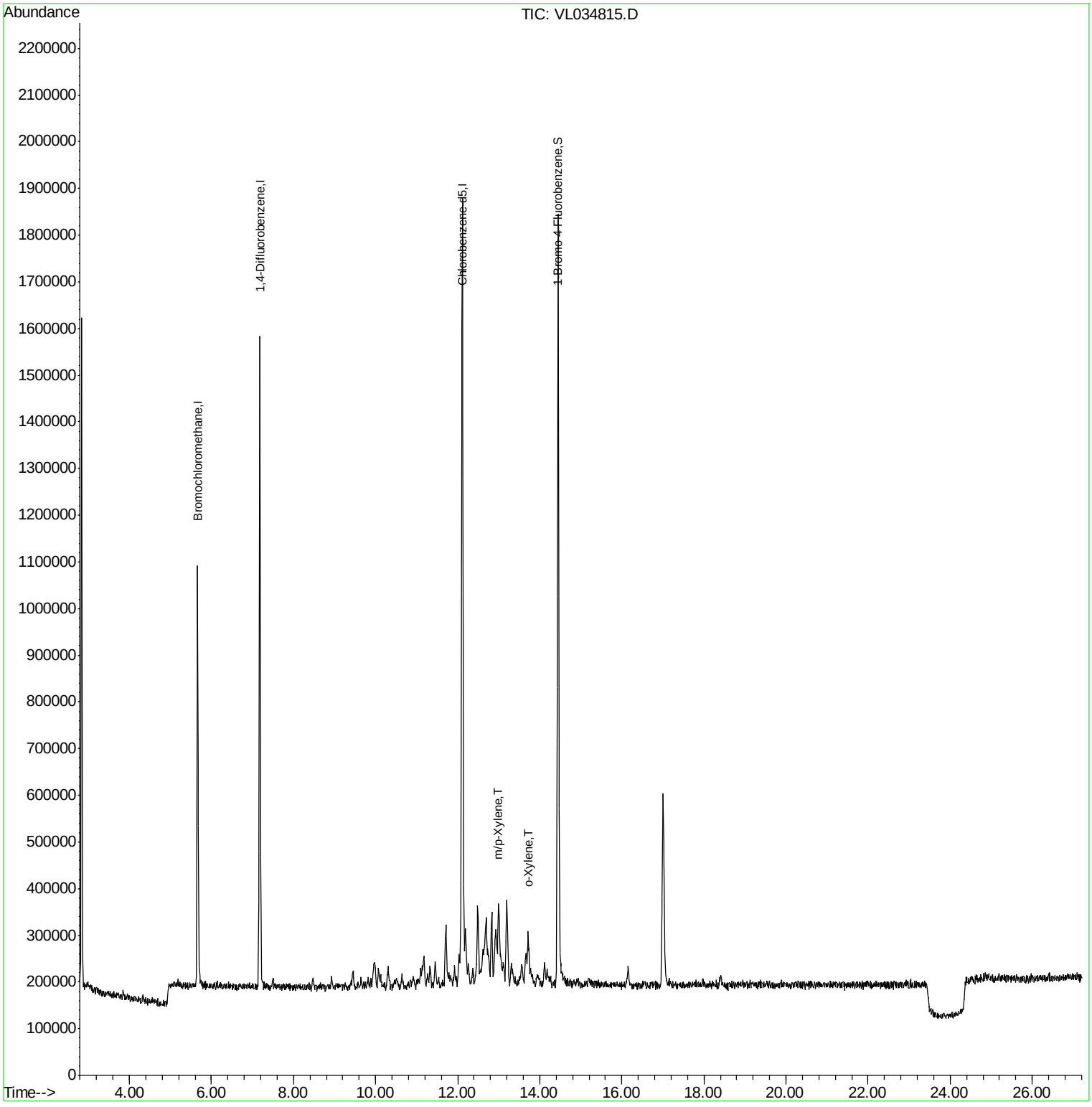
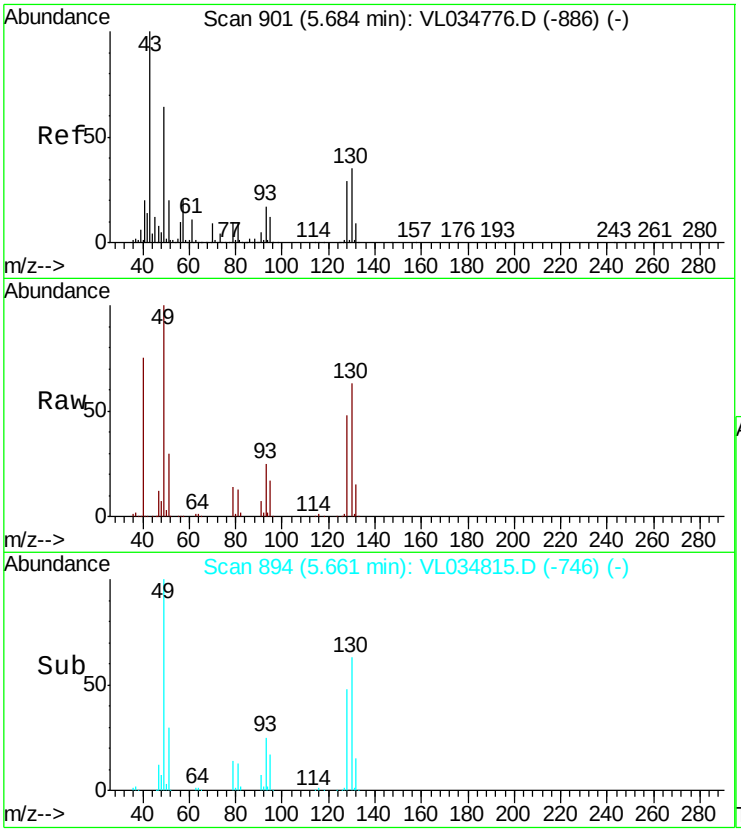
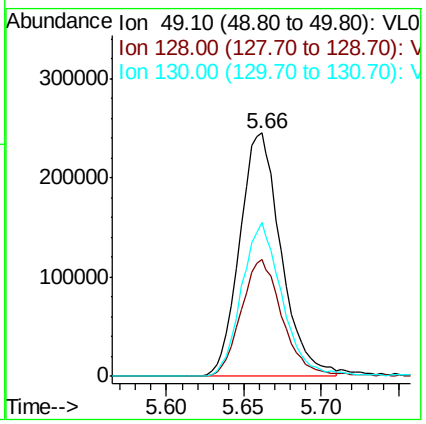




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL034815.D
Acq: 6 Mar 2020 5:56

Tgt Ion: 49 Resp: 455654

Ion	Ratio	Lower	Upper
49	100		
128	48.7	21.6	64.6
130	62.9	27.4	82.2



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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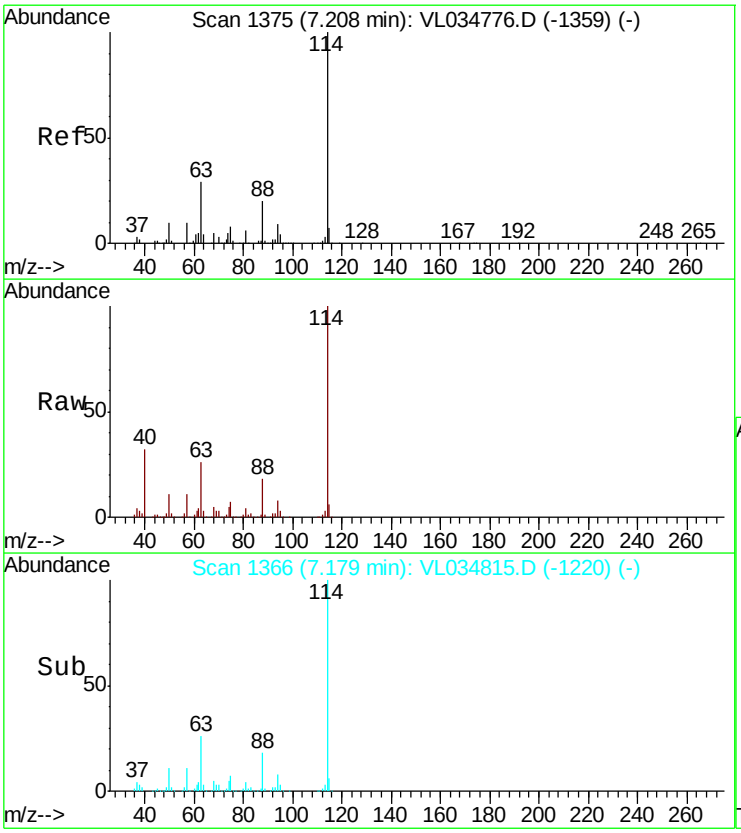
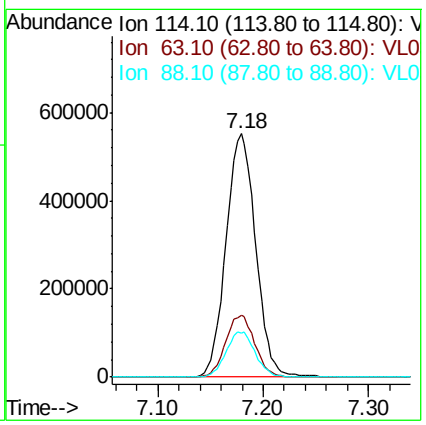
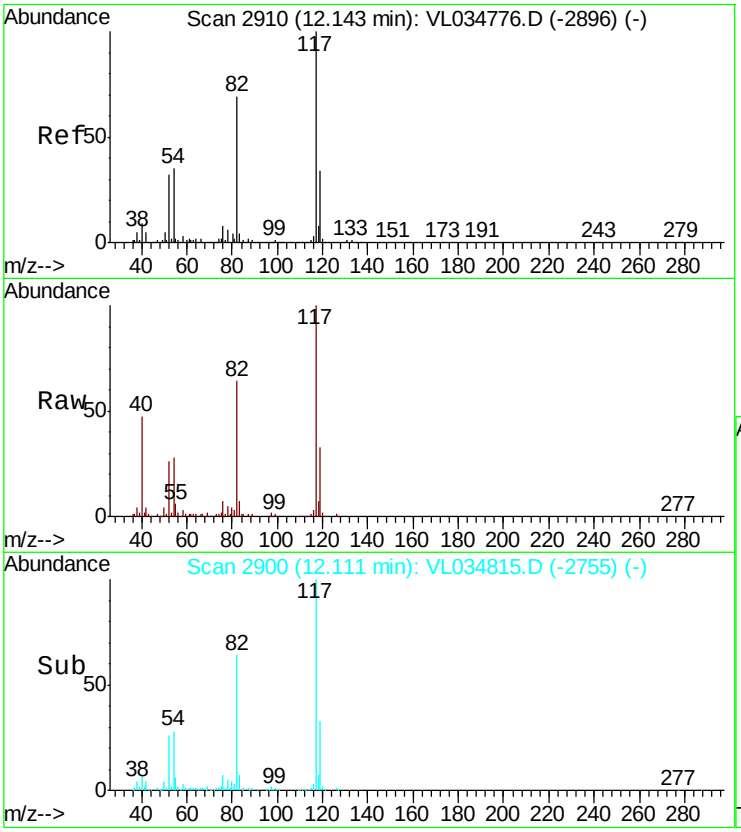


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.03 min
Lab File: VL034815.D
Acq: 6 Mar 2020 5:56

Tgt Ion:114 Resp: 1074590

Ion	Ratio	Lower	Upper
114	100		
63	25.2	23.6	35.4
88	18.5	15.8	23.8

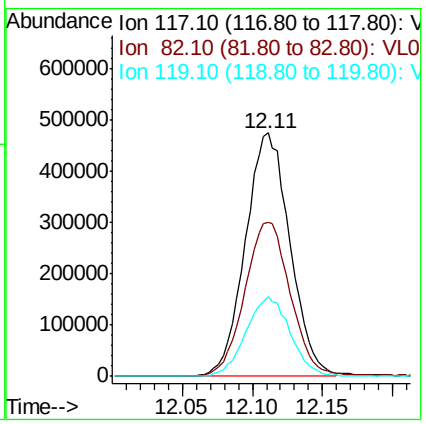




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.03 min
Lab File: VL034815.D
Acq: 6 Mar 2020 5:56

Tgt Ion:117 Resp: 1050134

Ion	Ratio	Lower	Upper
117	100		
82	65.8	53.9	80.9
119	32.5	25.0	37.4



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
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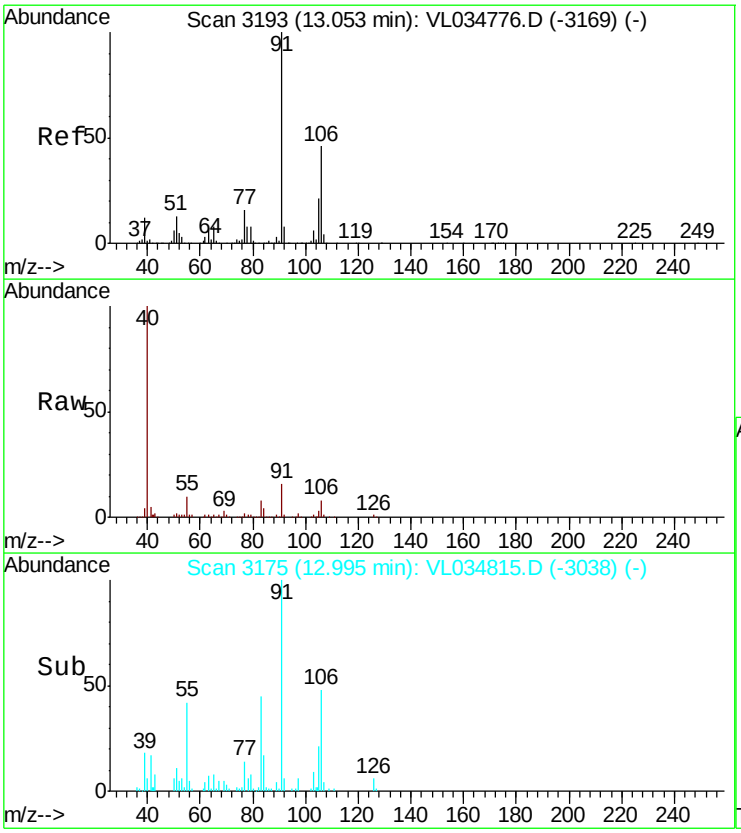
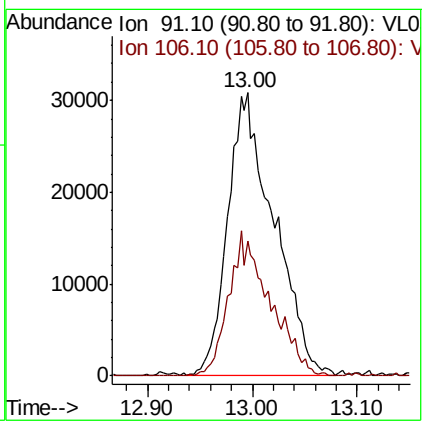
3/9/2020 9:19:55 AM

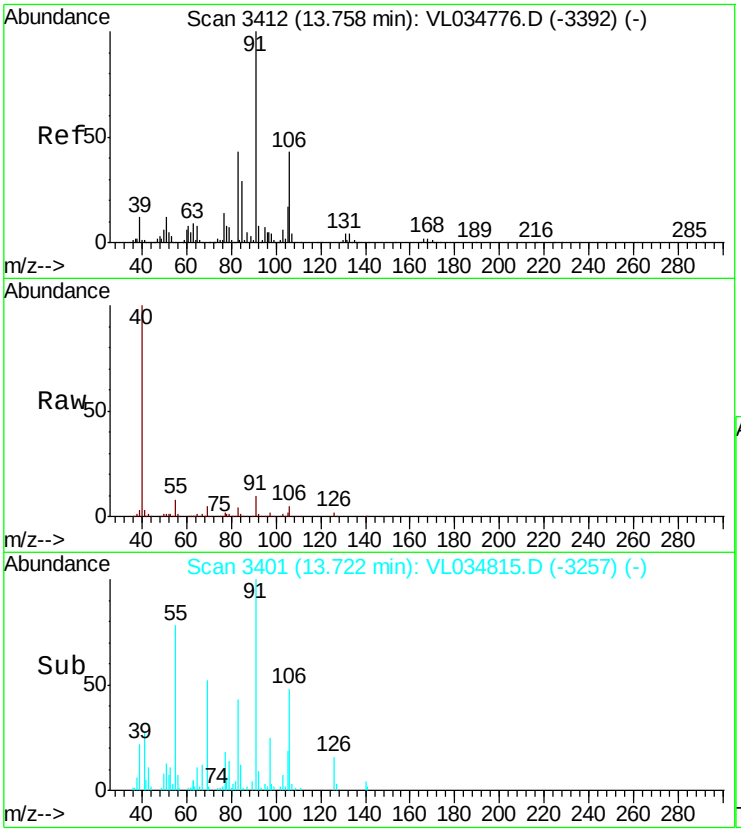


#59
m/p-Xylene
Concen: 0.841 ppbv m
RT: 13.00 min Scan# 3175
Delta R.T. -0.06 min
Lab File: VL034815.D
Acq: 6 Mar 2020 5:56

Tgt Ion: 91 Resp: 94188

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.8	53.8#





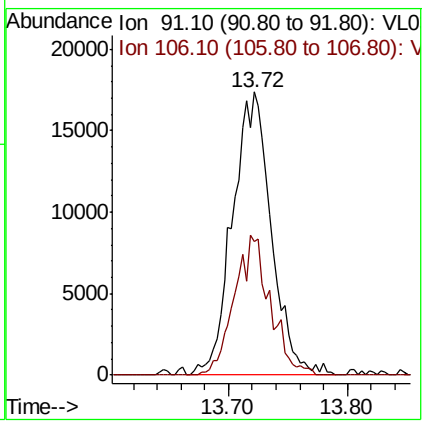
#60
o-Xylene
Concen: 0.351 ppbv m
RT: 13.72 min Scan# 3401
Delta R.T. -0.04 min
Lab File: VL034815.D
Acq: 6 Mar 2020 5:56

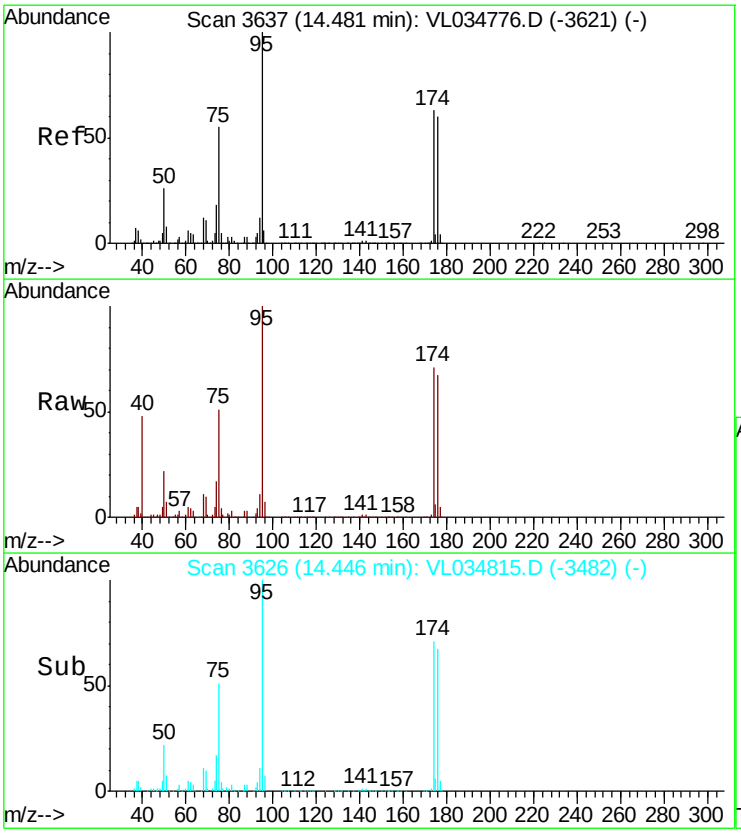
Tgt Ion: 91 Resp: 39765

Ion	Ratio	Lower	Upper
91	100		
106	45.3	21.7	65.1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
3/9/2020 9:19:55 AM





#68
1-Bromo-4-Fluorobenzene
Concen: 9.475 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. -0.04 min
Lab File: VL034815.D
Acq: 6 Mar 2020 5:56

Tgt Ion: 95 Resp: 829645

Ion	Ratio	Lower	Upper
95	100		
174	74.1	50.6	76.0
175	5.6	3.8	5.6