Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
Data File : VL034257.D
Acq On : 8 Oct 2019 20:30
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

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10/11/2019 5:07:16 PM

Quant Time: Oct 09 05:47:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 1
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	980498	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1603279	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1601208	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1432129	10.29	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.90%			
Target Compounds						Qvalue
13) Ethanol	3.60	45	41332	3.009	ppbv	95
15) Acetone	3.85	43	63569m	0.484	ppbv	
20) Methylene Chloride	4.35	84	59473	1.570	ppbv #	87

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

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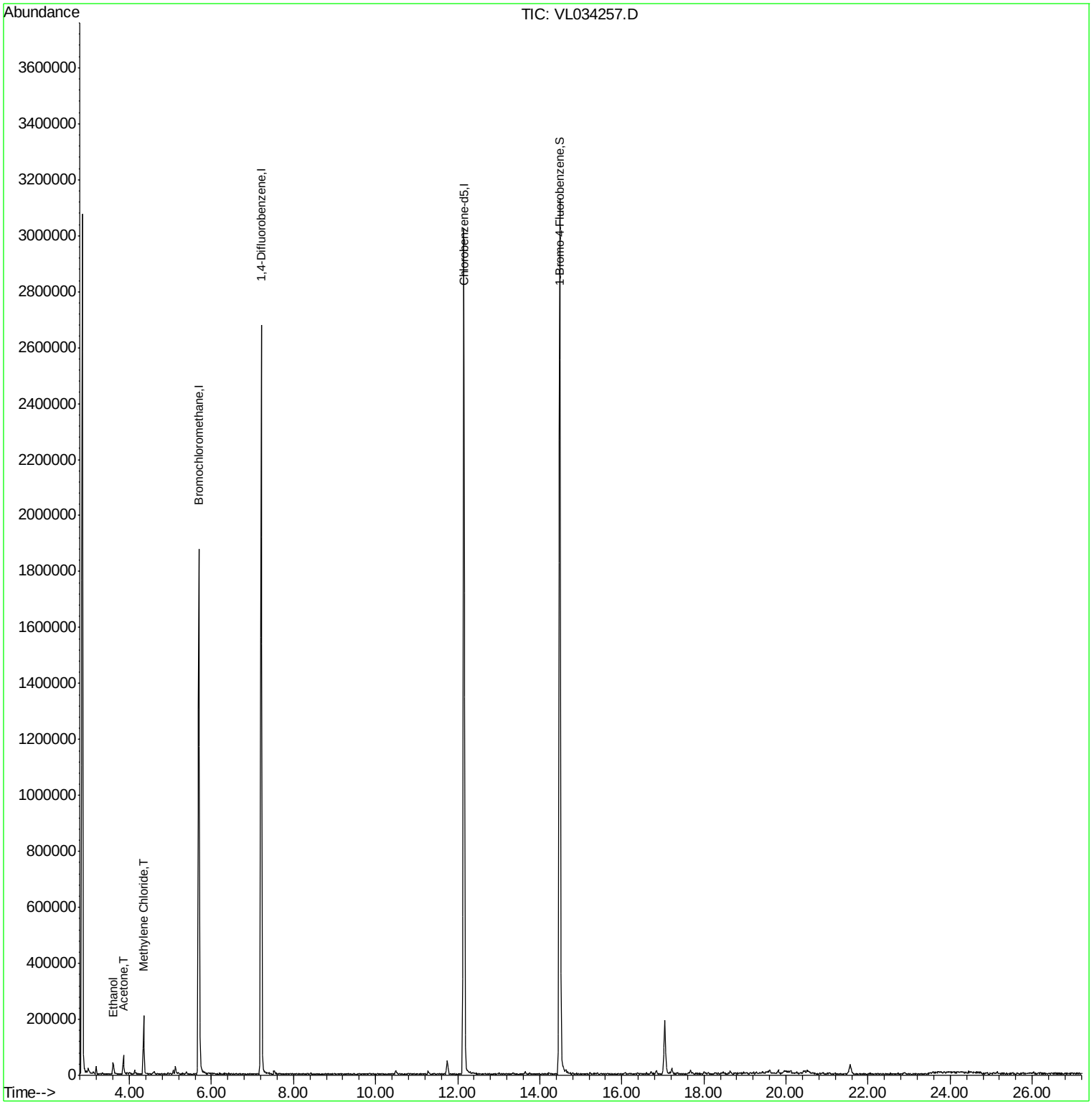
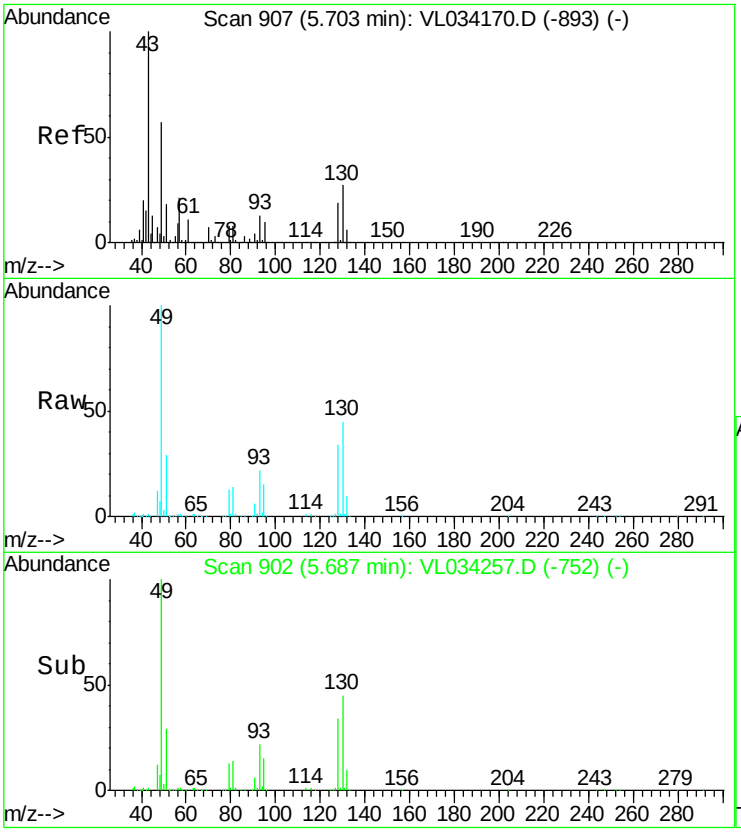
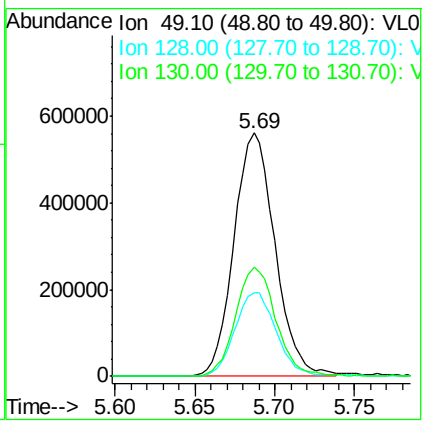




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.02 min
Lab File: VL034257.D
Acq: 8 Oct 2019 20:30

Tgt Ion: 49 Resp: 980498

Ion	Ratio	Lower	Upper
49	100		
128	35.1	17.6	52.9
130	44.6	22.3	66.9



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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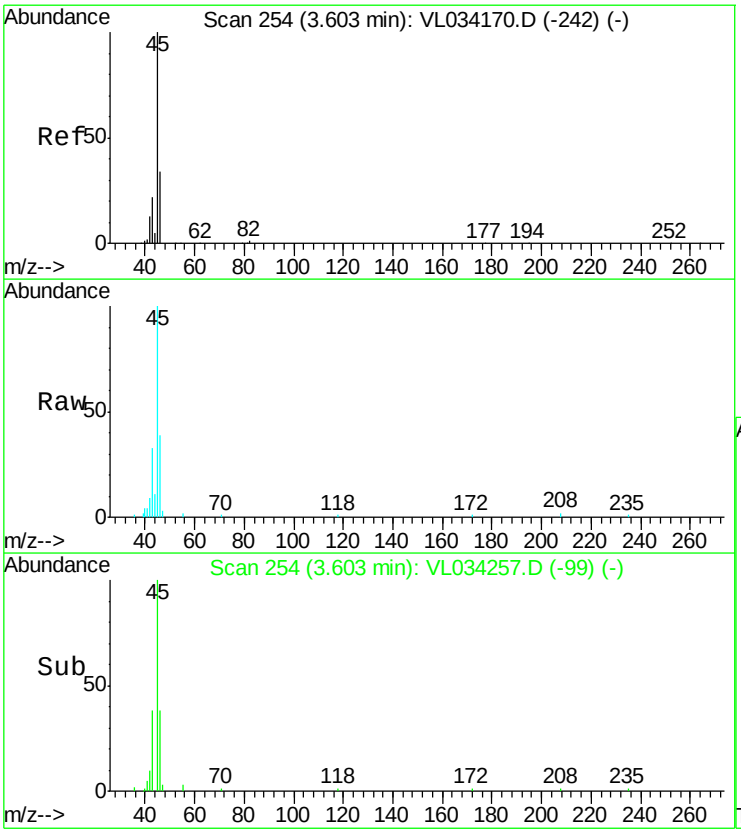
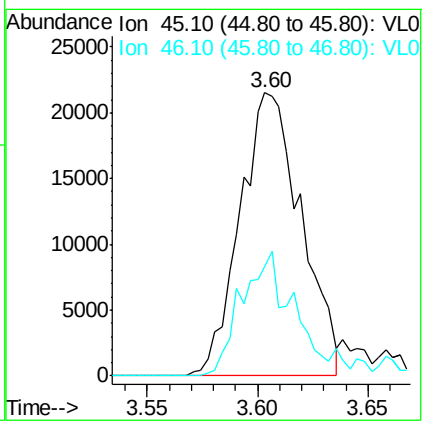
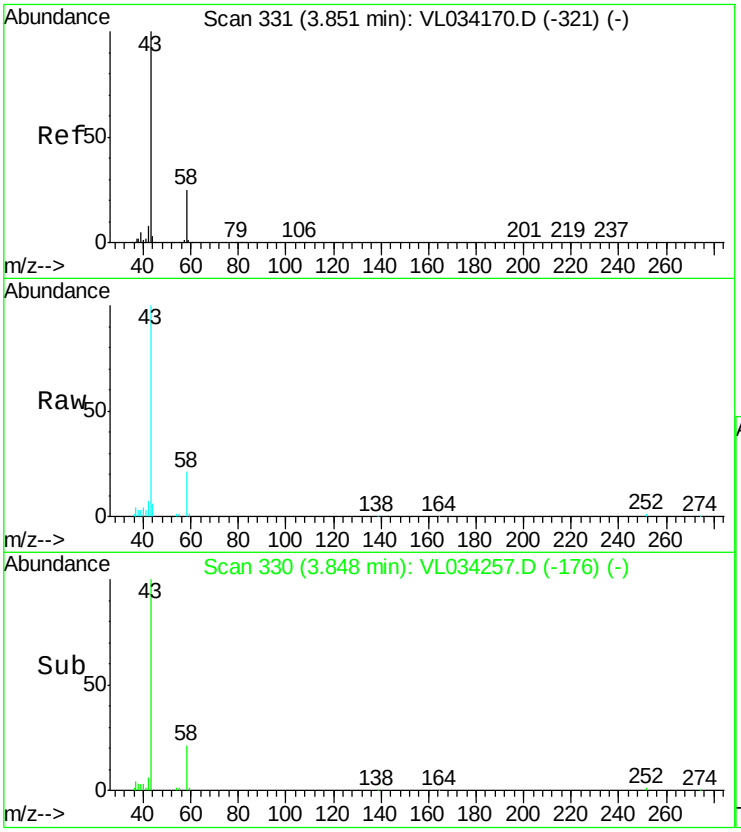


#13
Ethanol
Concen: 3.009 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.00 min
Lab File: VL034257.D
Acq: 8 Oct 2019 20:30

Tgt Ion: 45 Resp: 41332

Ion	Ratio	Lower	Upper
45	100		
46	41.6	15.5	61.9





#15
Acetone
Concen: 0.484 ppbv m
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL034257.D
Acq: 8 Oct 2019 20:30

Tgt Ion: 43 Resp: 63569

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.5	30.7#

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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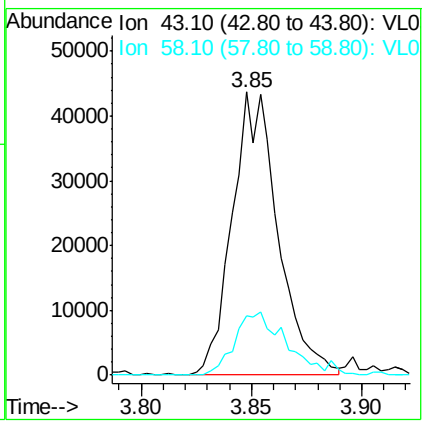
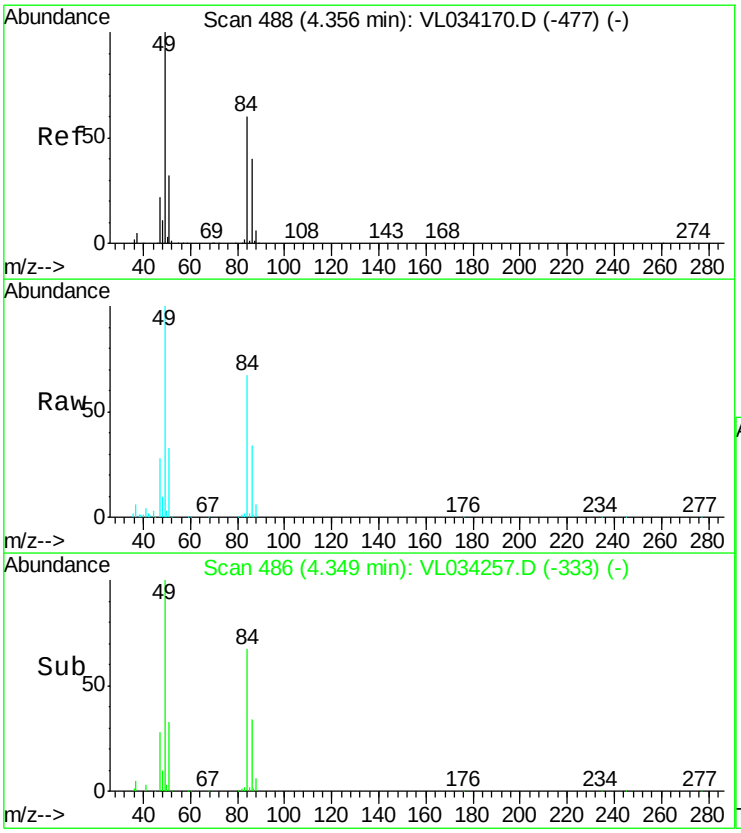
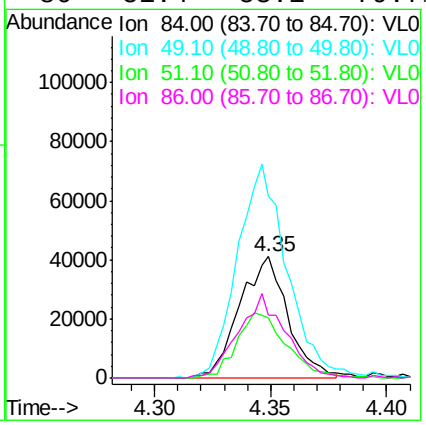


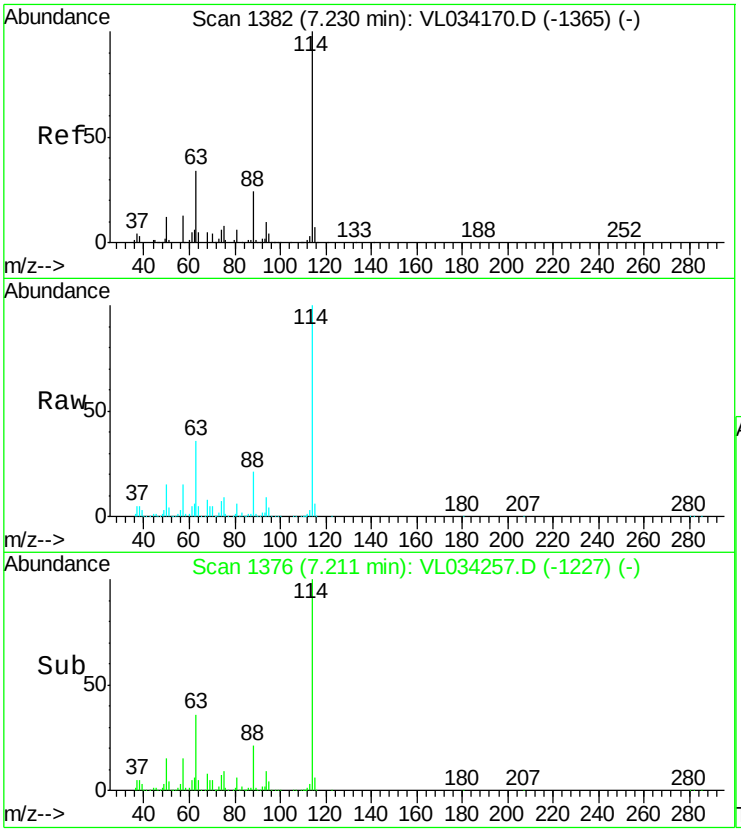


#20
Methylene Chloride
Concen: 1.570 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL034257.D
Acq: 8 Oct 2019 20:30

Tgt Ion: 84 Resp: 59473

Ion	Ratio	Lower	Upper
84	100		
49	149.9	133.8	200.8
51	48.6	43.6	65.4
86	51.4	53.1	79.7#

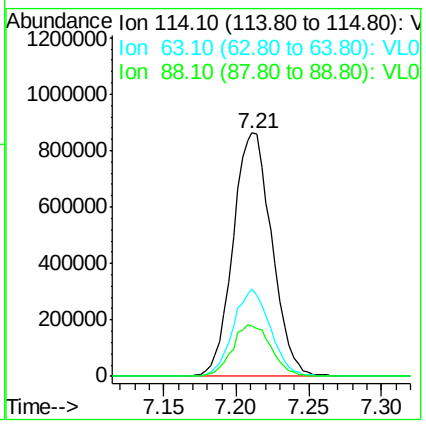




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1376
Delta R.T. -0.02 min
Lab File: VL034257.D
Acq: 8 Oct 2019 20:30

Tgt Ion:114 Resp: 1603279

Ion	Ratio	Lower	Upper
114	100		
63	34.5	27.8	41.6
88	21.0	17.1	25.7



Instrument :
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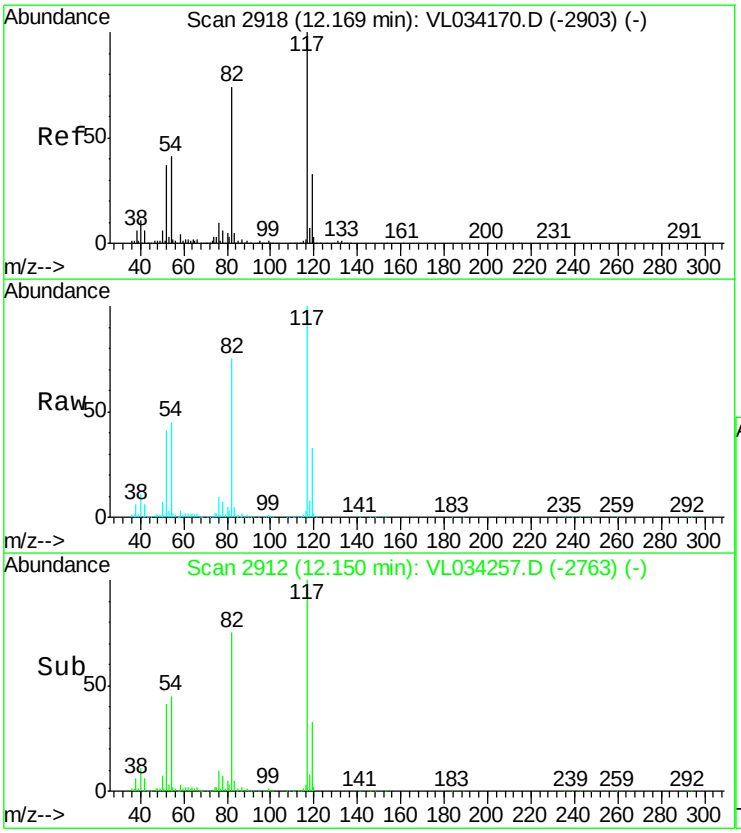
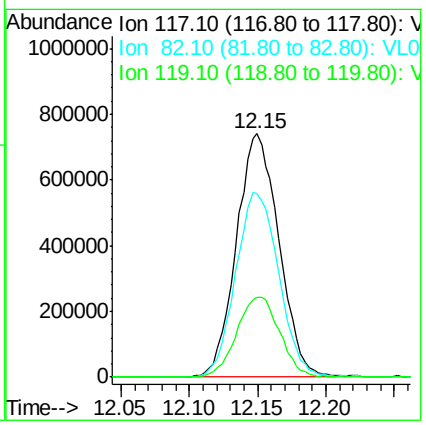
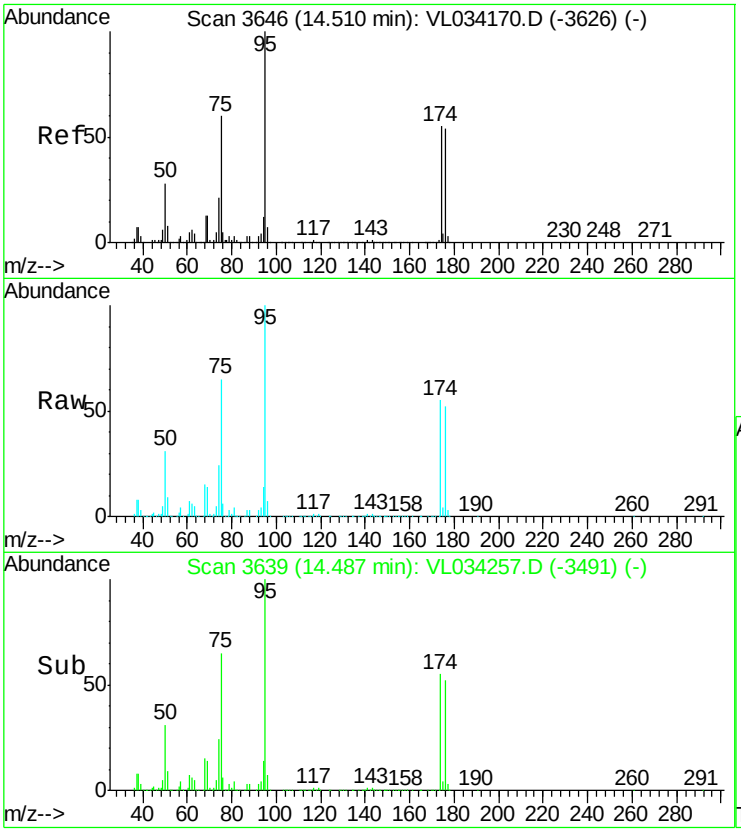


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.02 min
Lab File: VL034257.D
Acq: 8 Oct 2019 20:30

Tgt Ion:117 Resp: 1601208

Ion	Ratio	Lower	Upper
117	100		
82	77.6	58.2	87.4
119	33.4	23.7	35.5

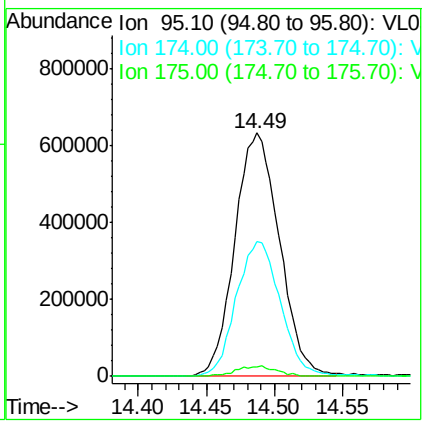




#68
1-Bromo-4-Fluorobenzene
Concen: 10.293 ppbv
RT: 14.49 min Scan# 3639
Delta R.T. -0.02 min
Lab File: VL034257.D
Acq: 8 Oct 2019 20:30

Tgt Ion: 95 Resp: 1432129

Ion	Ratio	Lower	Upper
95	100		
174	55.2	45.1	67.7
175	4.0	3.3	4.9



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
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