Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091621\
Data File : VL037631.D
Acq On : 17 Sep 2021 1:20
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Sep 17 06:46:28 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 1
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1468053	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	4387482	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3740960	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2561111	9.47	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.70%			
Target Compounds						Qvalue
13) Ethanol	3.61	45	18142m	1.899	ppbv	

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

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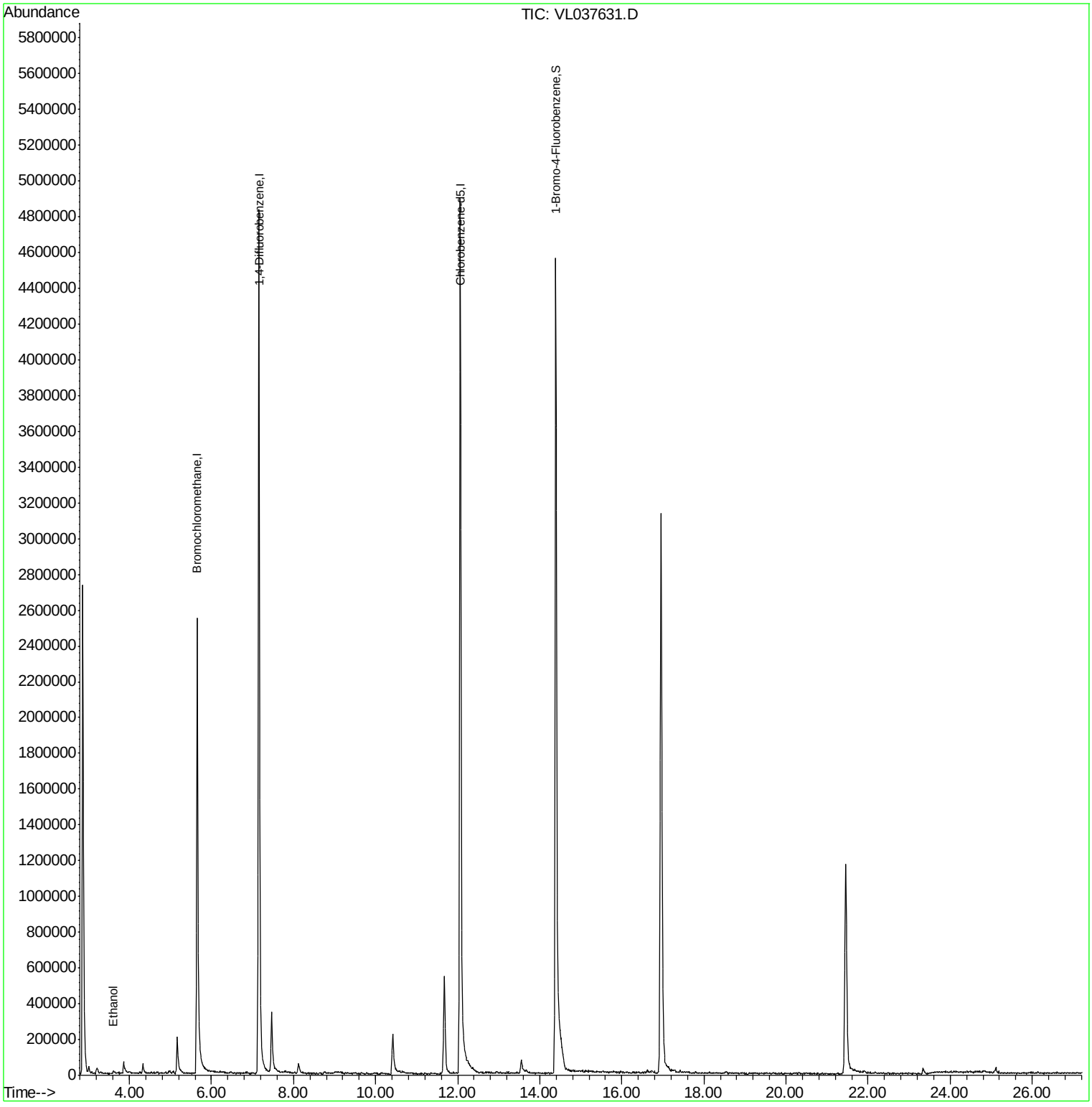
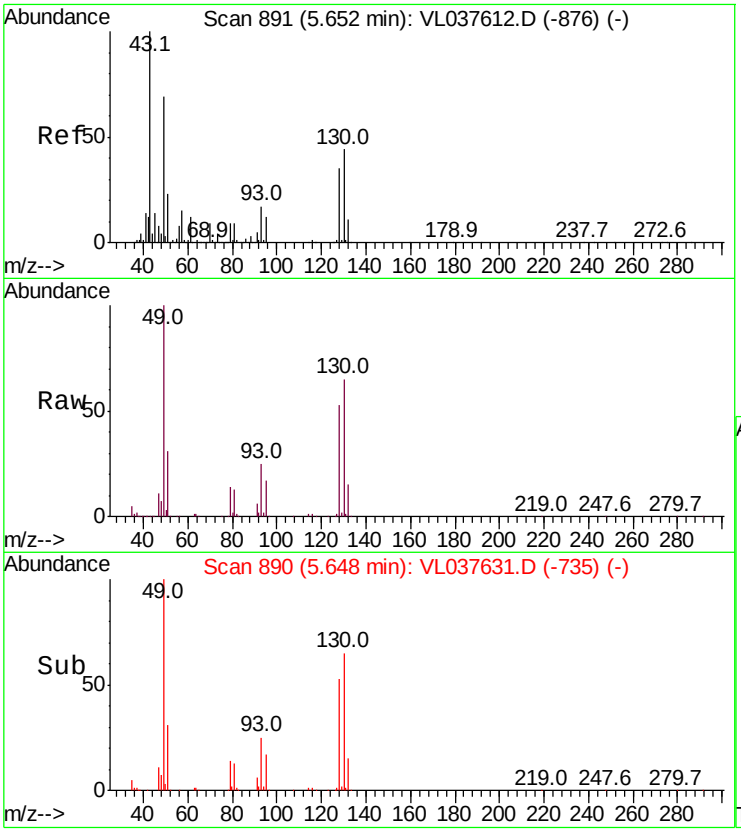
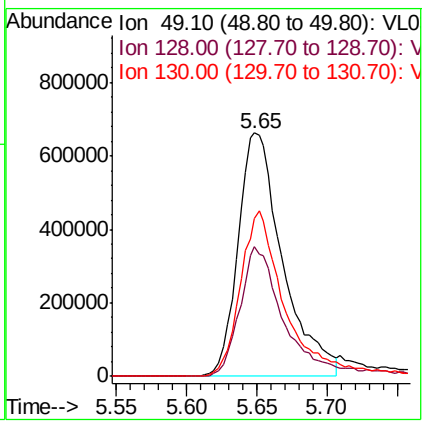




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.00 min
Lab File: VL037631.D
Acq: 17 Sep 2021 1:20

Tgt Ion: 49 Resp: 1468053

Ion	Ratio	Lower	Upper
49	100		
128	55.6	27.9	83.6
130	70.3	33.9	101.7



Instrument :
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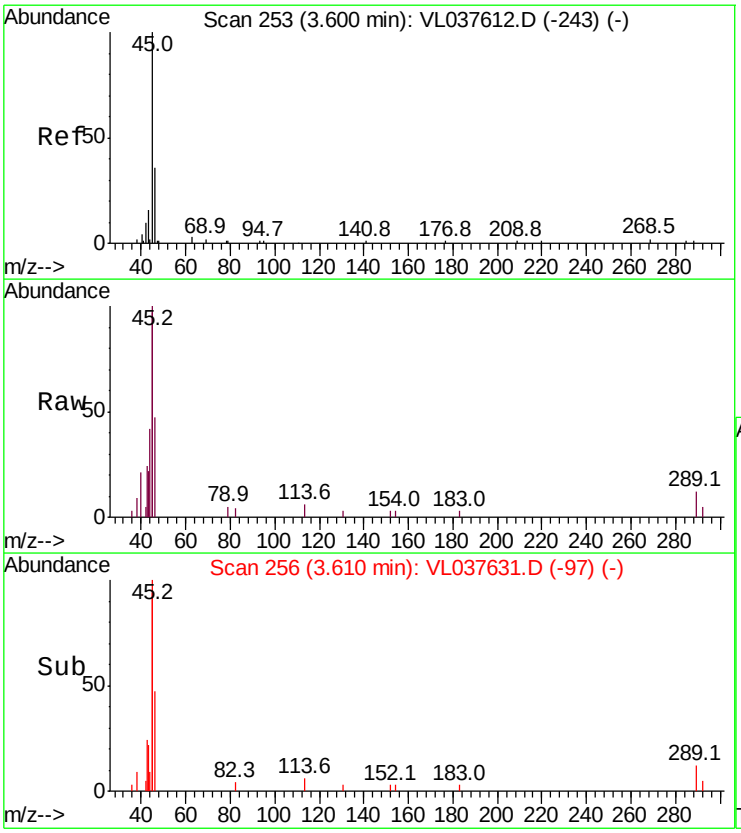
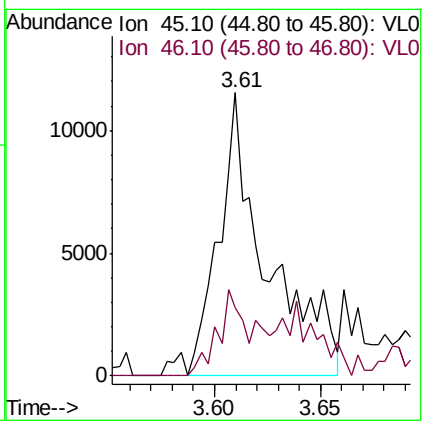
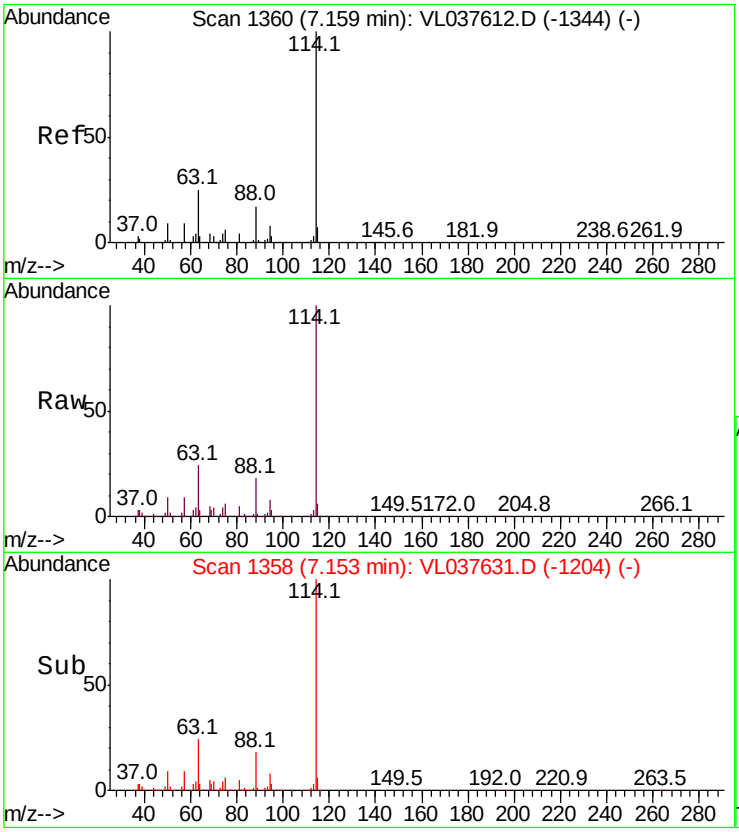


#13
Ethanol
Concen: 1.899 ppbv m
RT: 3.61 min Scan# 256
Delta R.T. 0.01 min
Lab File: VL037631.D
Acq: 17 Sep 2021 1:20

Tgt Ion: 45 Resp: 18142

Ion	Ratio	Lower	Upper
45	100		
46	24.1	17.2	68.8

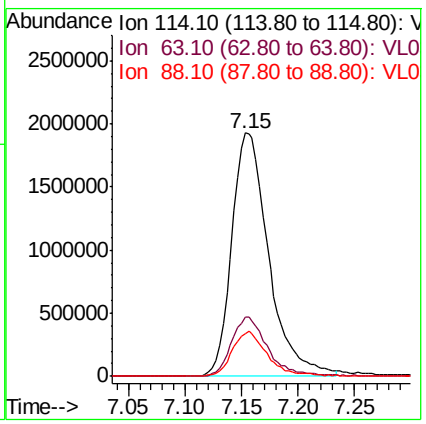




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VL037631.D
Acq: 17 Sep 2021 1:20

Tgt Ion:114 Resp: 4387482

Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.6	29.4
88	17.8	14.2	21.4



Instrument :
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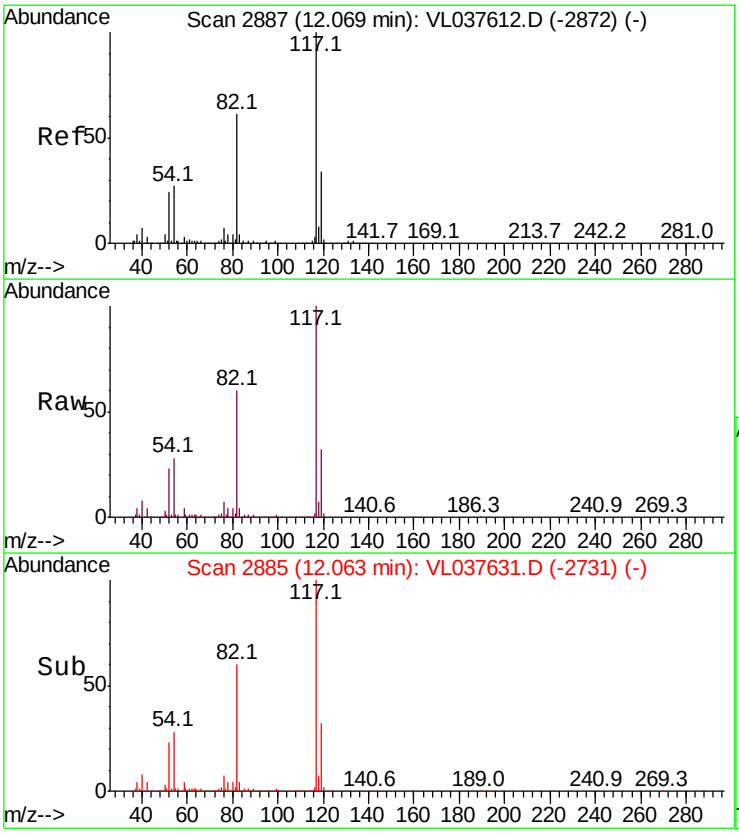
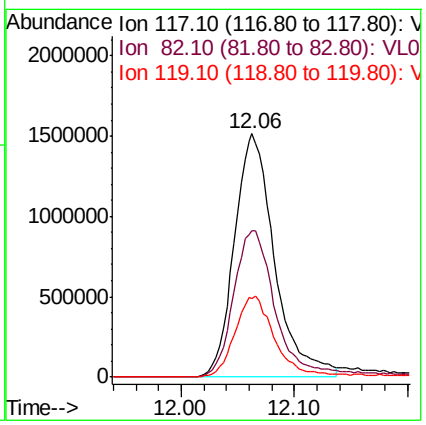
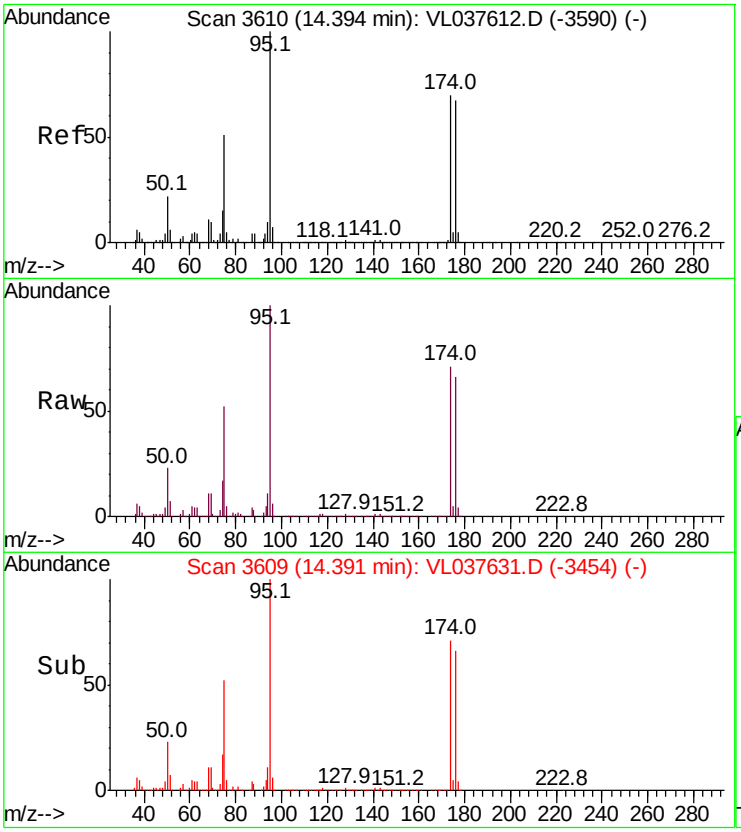


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.01 min
Lab File: VL037631.D
Acq: 17 Sep 2021 1:20

Tgt Ion:117 Resp: 3740960

Ion	Ratio	Lower	Upper
117	100		
82	64.3	50.6	75.8
119	34.7	26.2	39.2

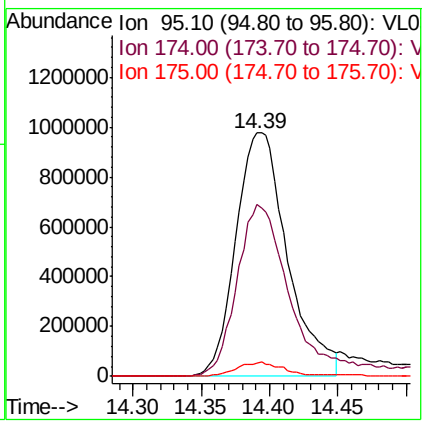




#68
1-Bromo-4-Fluorobenzene
Concen: 9.473 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL037631.D
Acq: 17 Sep 2021 1:20

Tgt Ion: 95 Resp: 2561111

Ion	Ratio	Lower	Upper
95	100		
174	79.6	56.3	84.5
175	5.9	4.4	6.6



Instrument :
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