Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
Data File : VL034265.D
Acq On : 9 Oct 2019 1:50
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Quant Time: Oct 09 06:02:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
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	1090141	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1792647	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1788575	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.48	95	1598165	10.28	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.80%			
Target Compounds						Qvalue
15) Acetone	3.87	43	25208	0.173	ppbv	93

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

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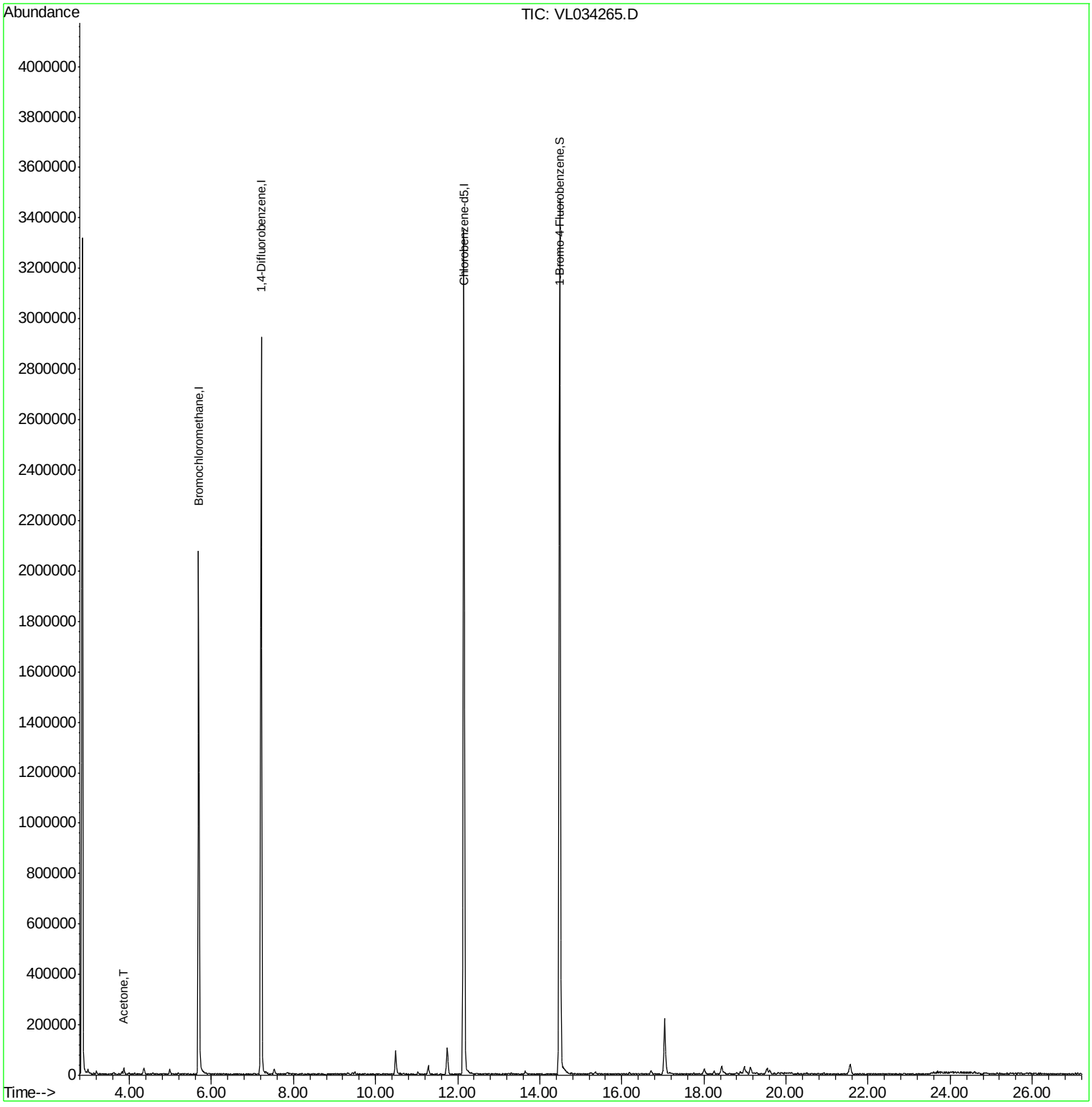
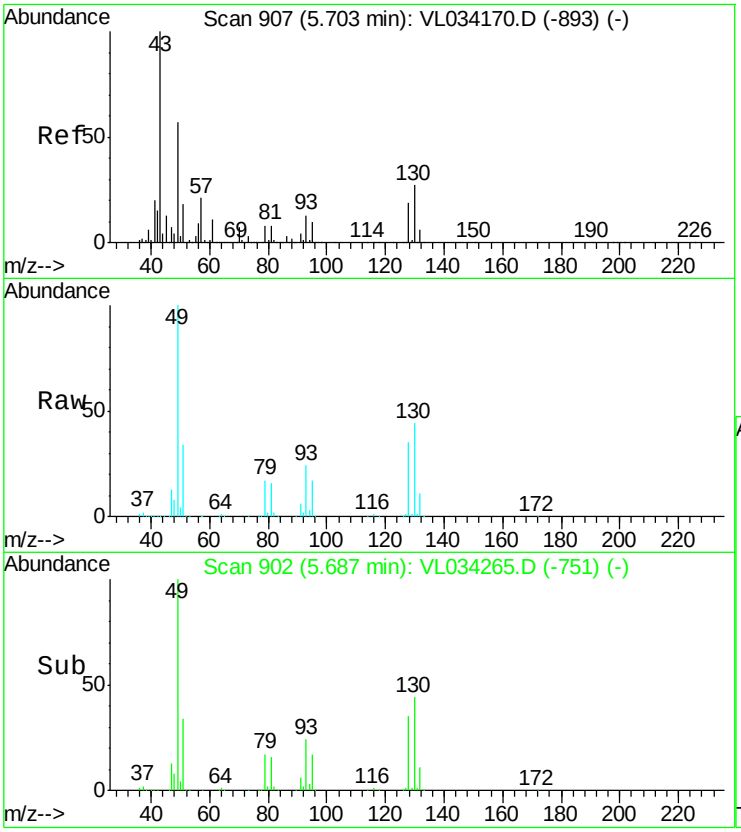


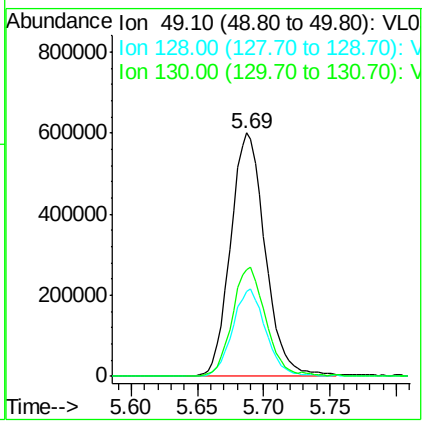


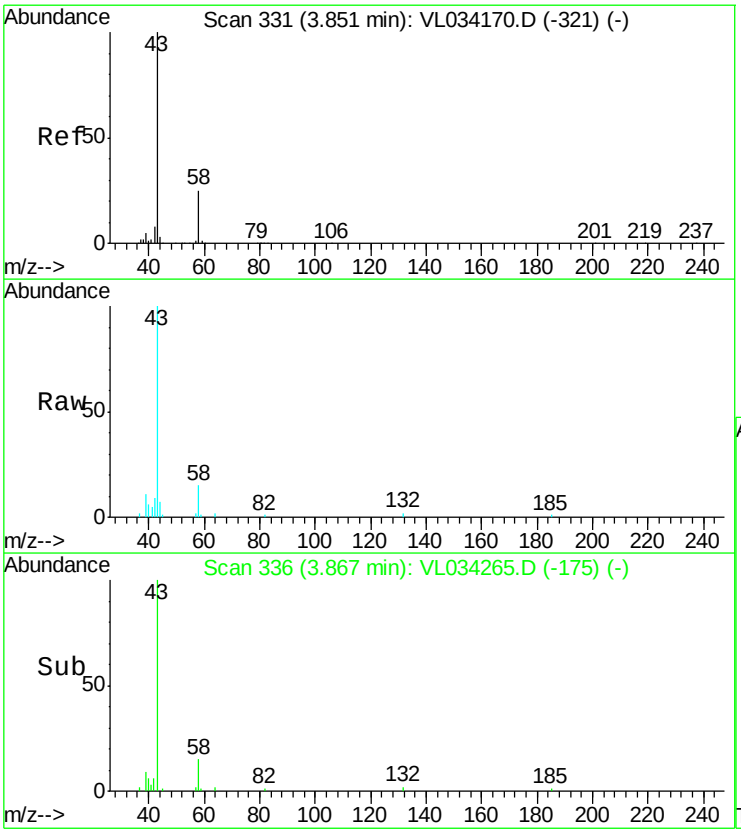
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.02 min
Lab File: VL034265.D
Acq: 9 Oct 2019 1:50

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 1090141

Ion	Ratio	Lower	Upper
49	100		
128	34.8	17.6	52.9
130	43.9	22.3	66.9

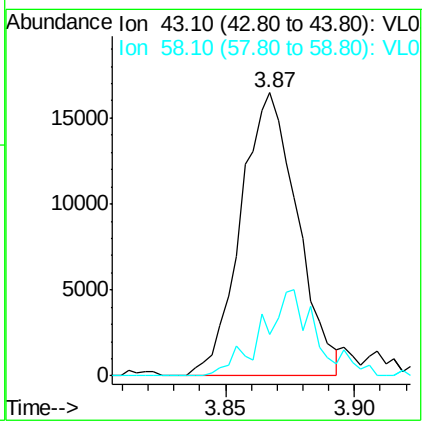


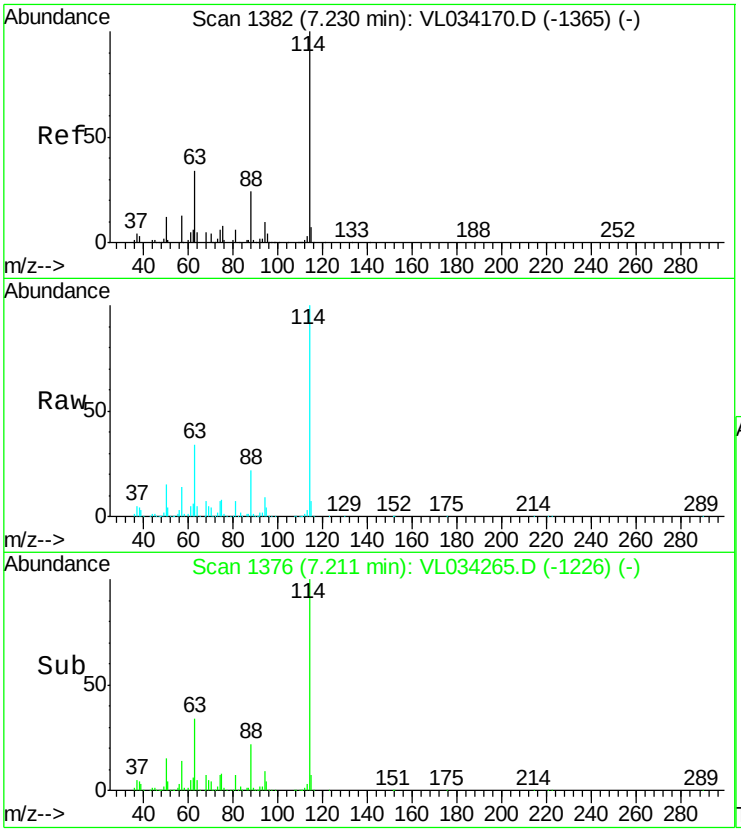


#15
Acetone
Concen: 0.173 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.02 min
Lab File: VL034265.D
Acq: 9 Oct 2019 1:50

Tgt Ion: 43 Resp: 25208

Ion	Ratio	Lower	Upper
43	100		
58	29.2	20.5	30.7



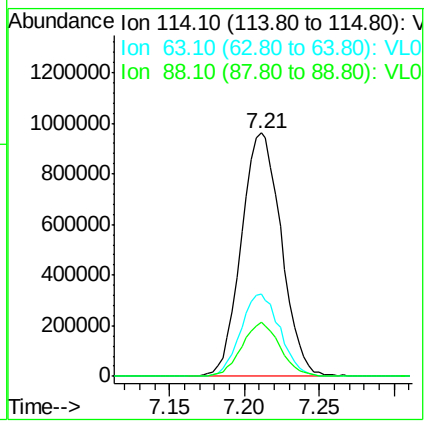


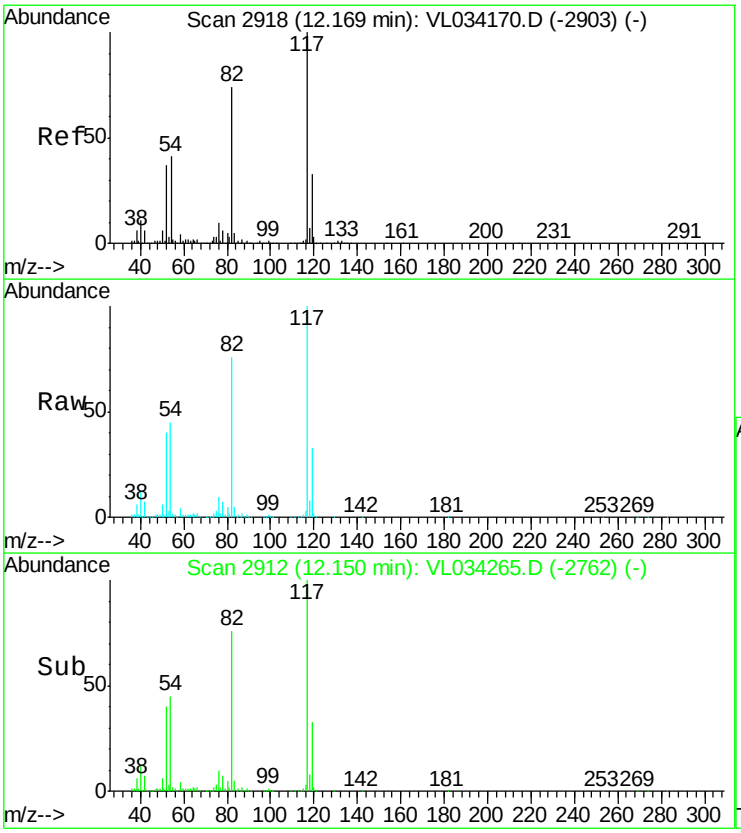
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1376
Delta R.T. -0.02 min
Lab File: VL034265.D
Acq: 9 Oct 2019 1:50

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 1792647

Ion	Ratio	Lower	Upper
114	100		
63	33.4	27.8	41.6
88	21.1	17.1	25.7

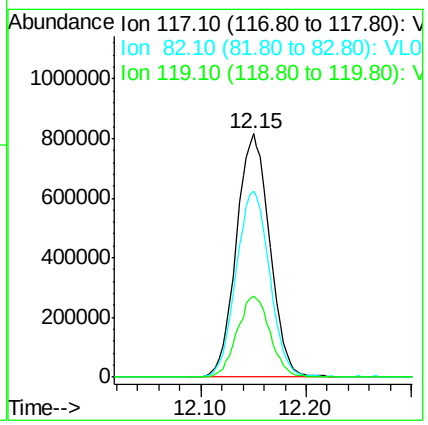


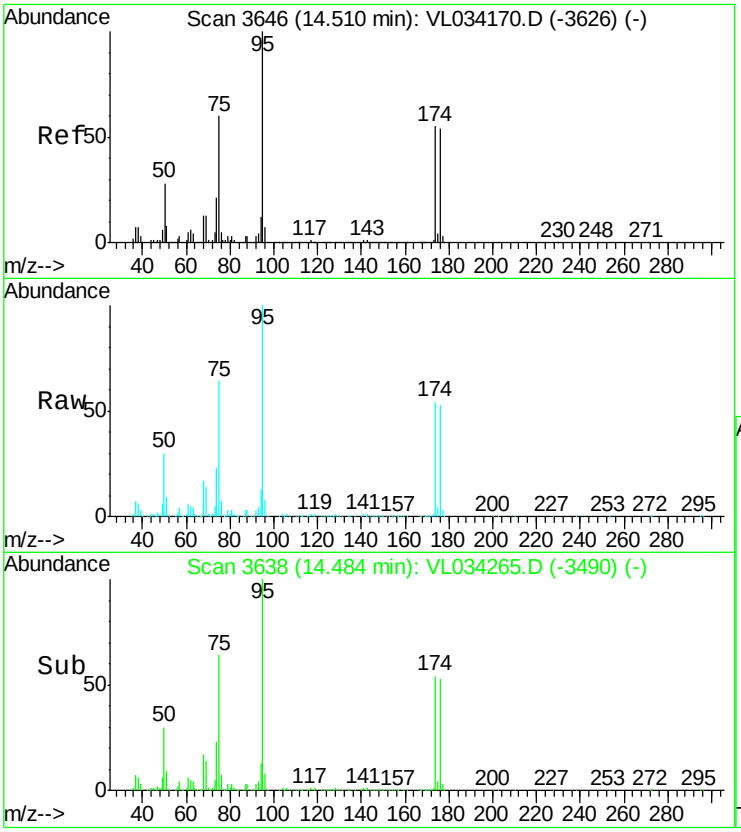


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.02 min
Lab File: VL034265.D
Acq: 9 Oct 2019 1:50

Tgt Ion:117 Resp: 1788575

Ion	Ratio	Lower	Upper
117	100		
82	77.1	58.2	87.4
119	32.9	23.7	35.5





#68
1-Bromo-4-Fluorobenzene
Concen: 10.283 ppbv
RT: 14.48 min Scan# 3638
Delta R.T. -0.03 min
Lab File: VL034265.D
Acq: 9 Oct 2019 1:50

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 1598165

Ion	Ratio	Lower	Upper
95	100		
174	54.3	45.1	67.7
175	3.8	3.3	4.9