Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100219\
Data File : VL034206.D
Acq On : 2 Oct 2019 11:15
Operator : SY/AP
Sample : VL1002ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1002ABL01

Quant Time: Oct 03 05:58:32 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	1102131	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.22	114	1809152	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.16	117	1824877	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1630274	10.28	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.80%			
Target Compounds						Qvalue
15) Acetone	3.87	43	19409	0.131	ppbv	# 74

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

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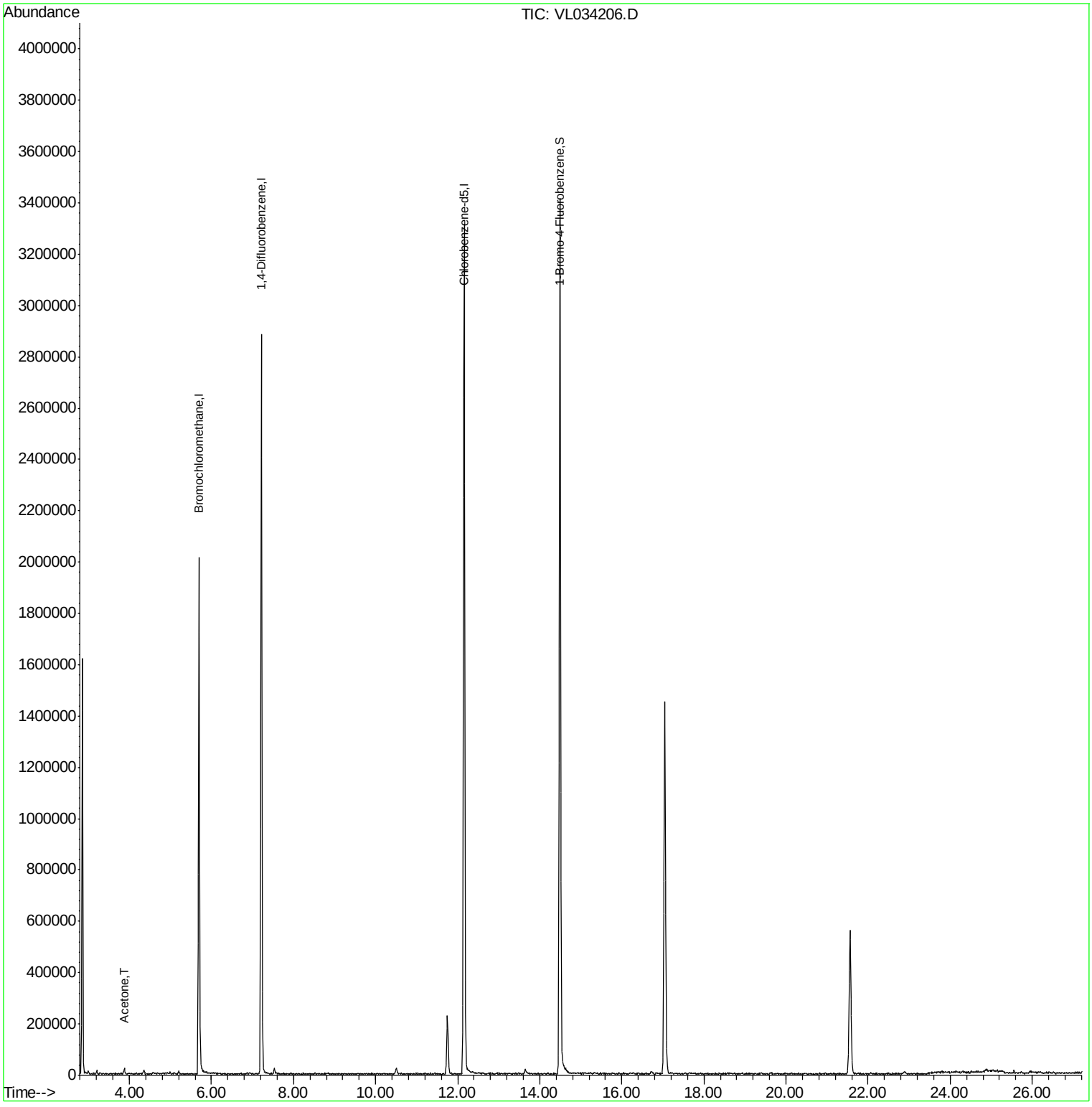
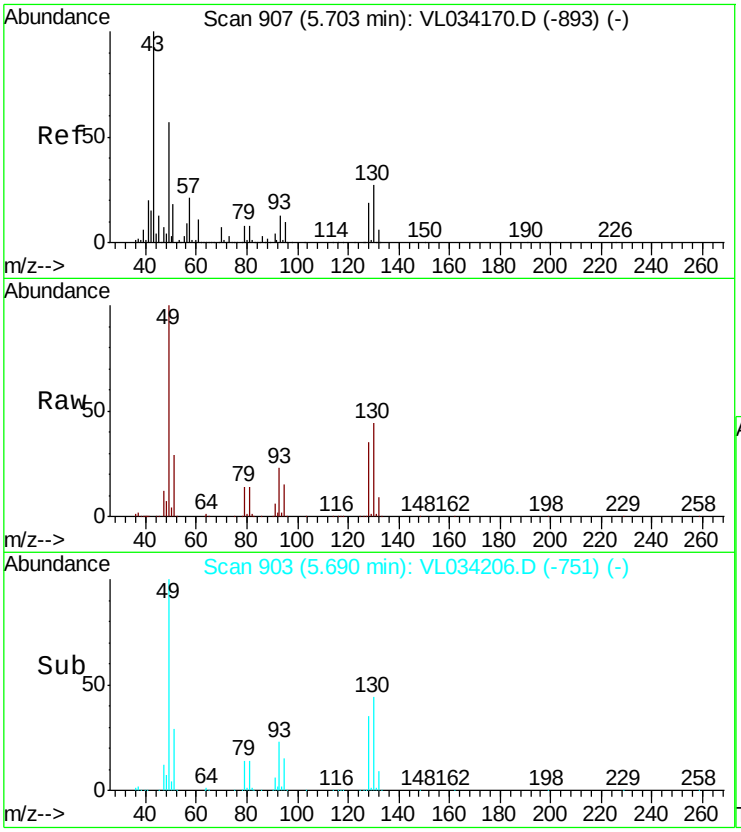


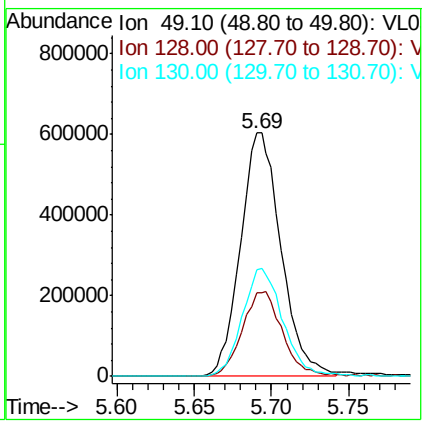


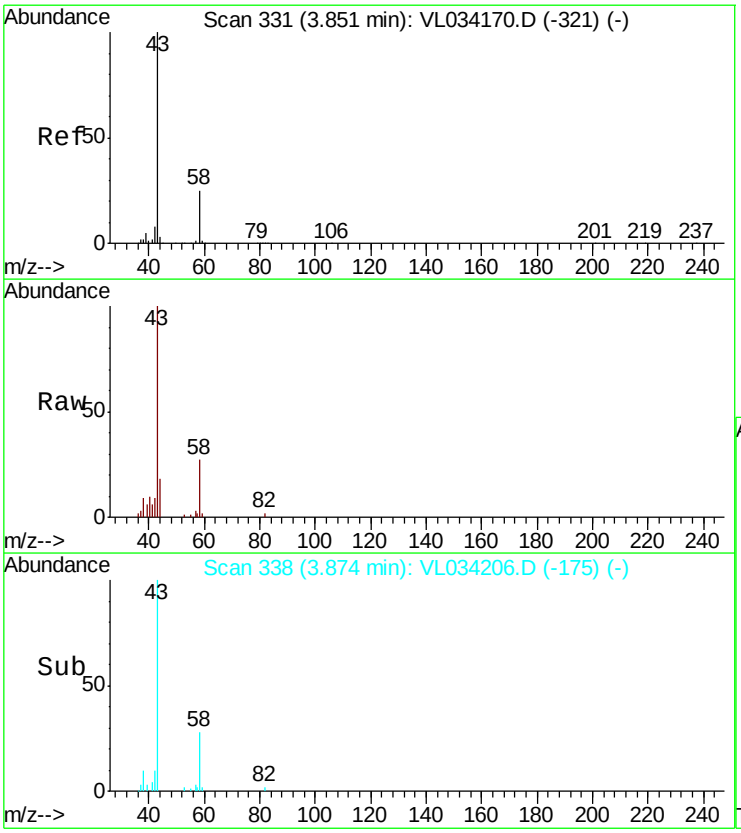
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.01 min
Lab File: VL034206.D
Acq: 2 Oct 2019 11:15

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABL01

Tgt Ion: 49 Resp: 1102131

Ion	Ratio	Lower	Upper
49	100		
128	35.0	17.6	52.9
130	44.8	22.3	66.9

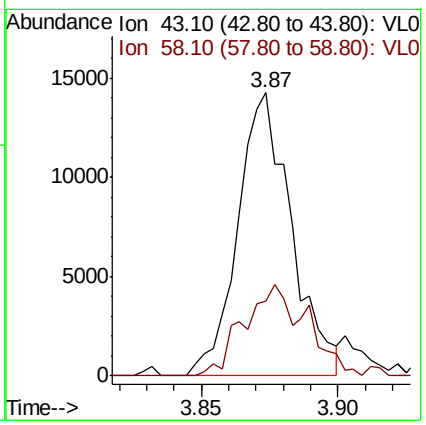


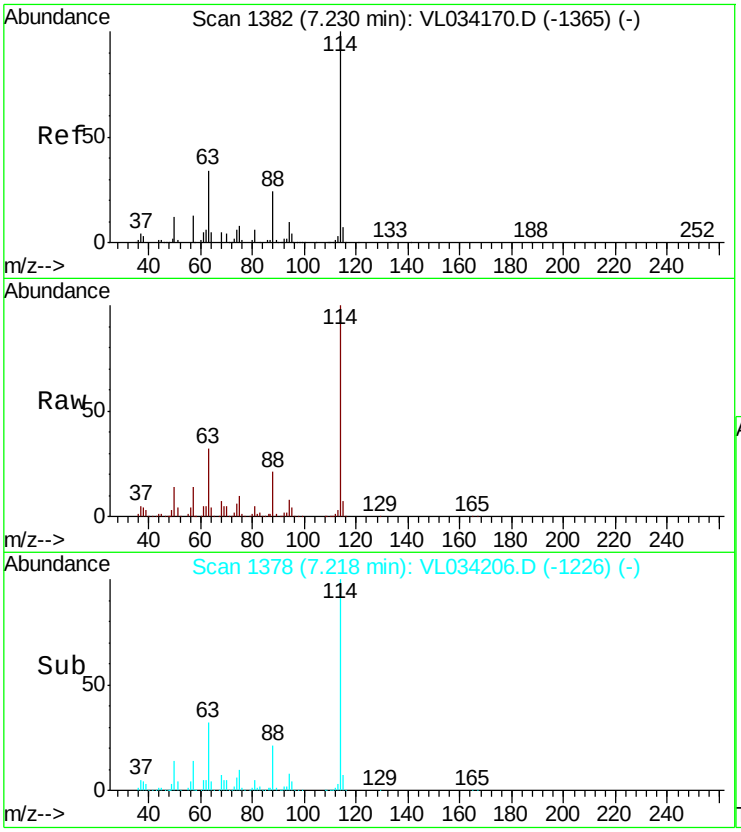


#15
Acetone
Concen: 0.131 ppbv
RT: 3.87 min Scan# 338
Delta R.T. 0.02 min
Lab File: VL034206.D
Acq: 2 Oct 2019 11:15

Tgt Ion: 43 Resp: 19409

Ion	Ratio	Lower	Upper
43	100		
58	38.9	20.5	30.7#



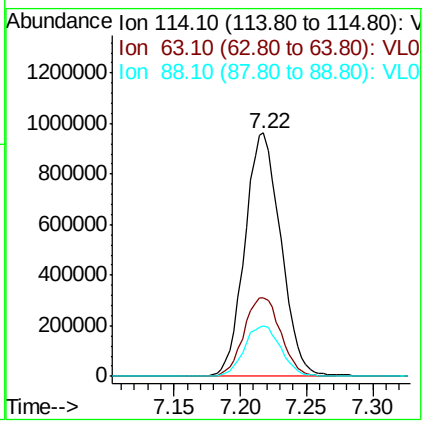


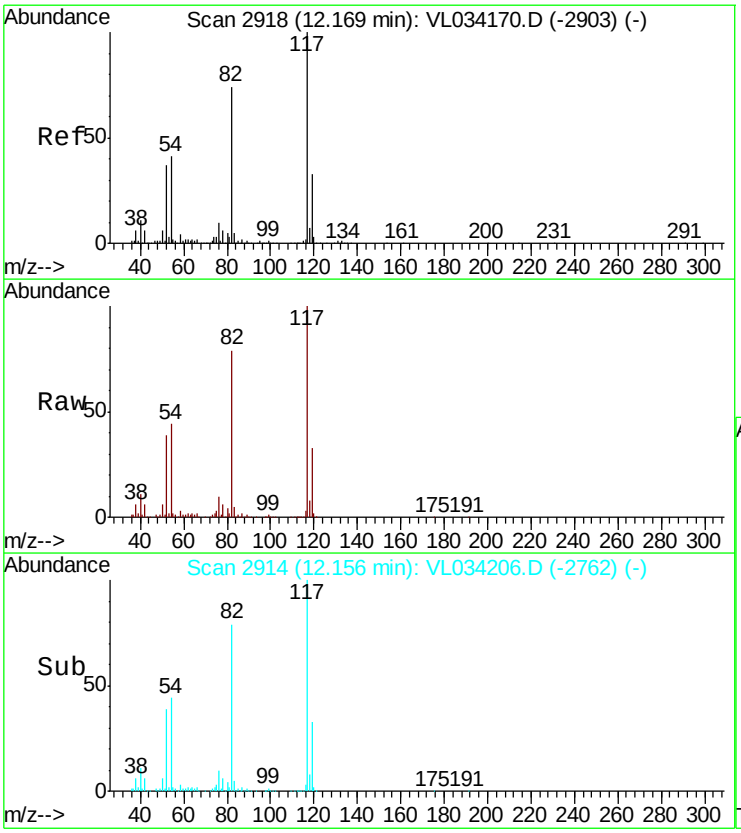
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1378
Delta R.T. -0.01 min
Lab File: VL034206.D
Acq: 2 Oct 2019 11:15

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABL01

Tgt Ion:114 Resp: 1809152

Ion	Ratio	Lower	Upper
114	100		
63	33.3	27.8	41.6
88	21.1	17.1	25.7

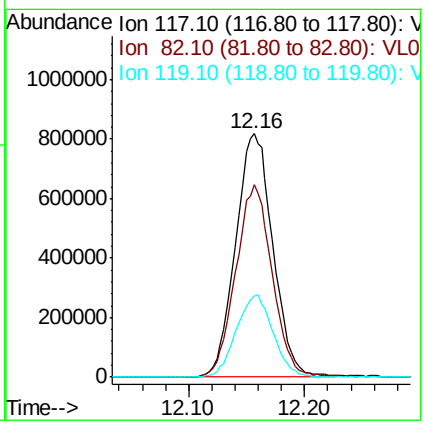


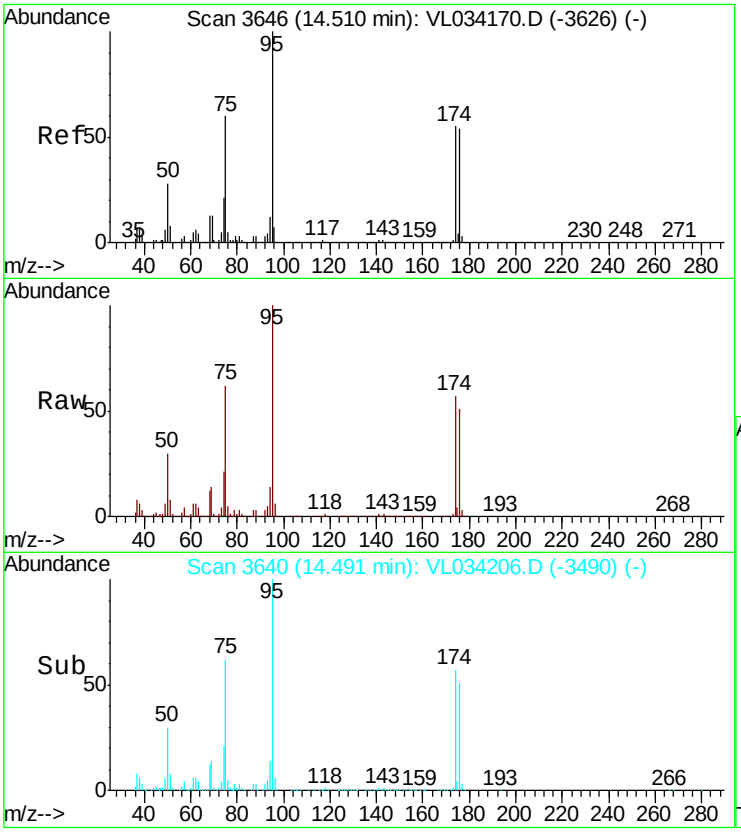


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. -0.01 min
Lab File: VL034206.D
Acq: 2 Oct 2019 11:15

Tgt Ion:117 Resp: 1824877

Ion	Ratio	Lower	Upper
117	100		
82	77.6	58.2	87.4
119	33.3	23.7	35.5





#68
1-Bromo-4-Fluorobenzene
Concen: 10.281 ppbv
RT: 14.49 min Scan# 3640
Delta R.T. -0.02 min
Lab File: VL034206.D
Acq: 2 Oct 2019 11:15

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABL01

Tgt Ion: 95 Resp: 1630274

Ion	Ratio	Lower	Upper
95	100		
174	55.8	45.1	67.7
175	3.9	3.3	4.9