Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092419\
Data File : VL034198.D
Acq On : 24 Sep 2019 11:53
Operator : SY/AP
Sample : VL0924ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0924ABL01

Quant Time: Sep 25 05:51:30 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	5.70	49	1124904	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1830564	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.16	117	1855440	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.50	95	1660289	10.30	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.00%			
Target Compounds						Qvalue
15) Acetone	3.87	43	17632	0.117	ppbv #	84

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

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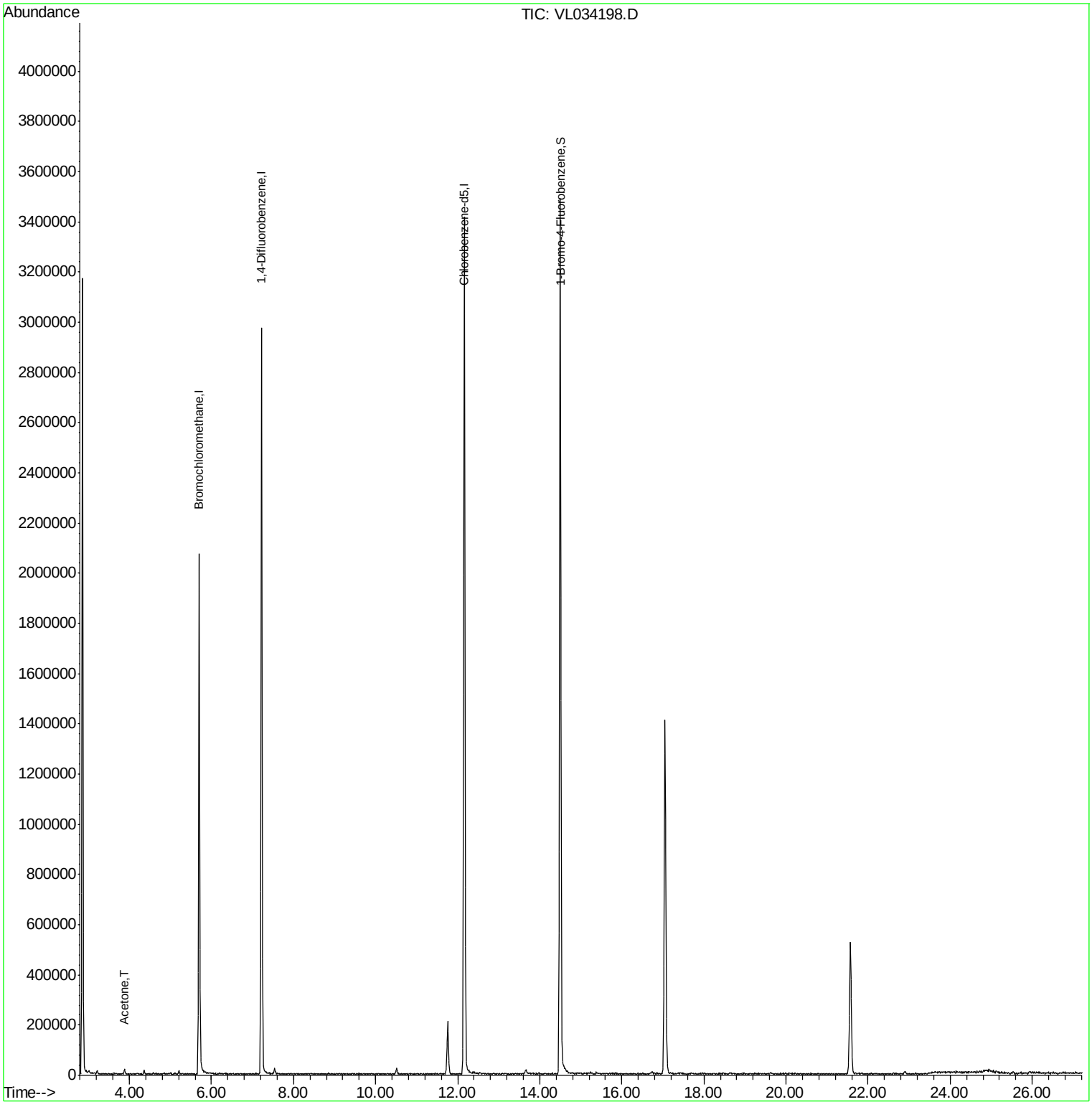
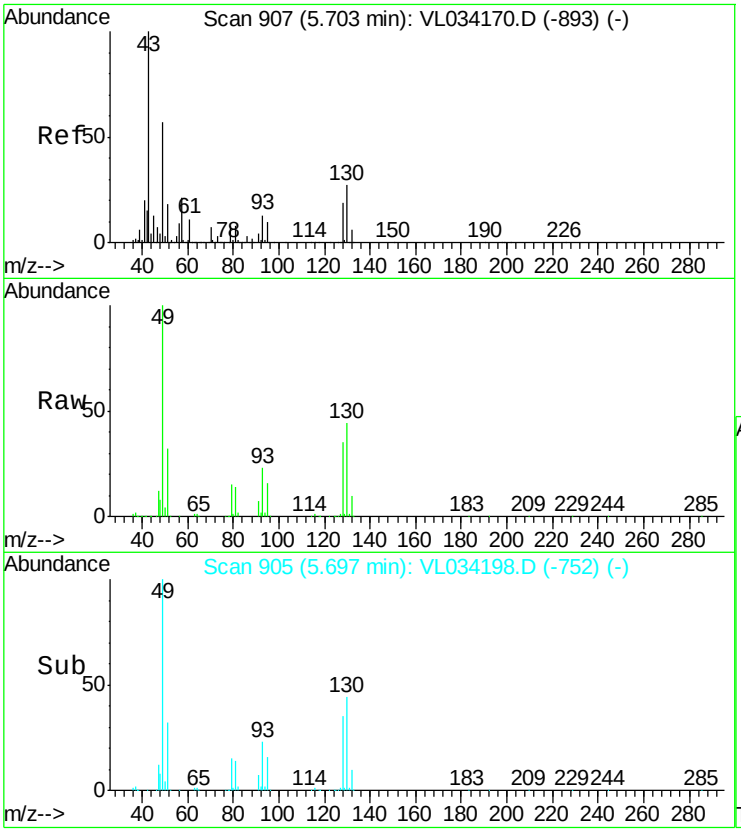


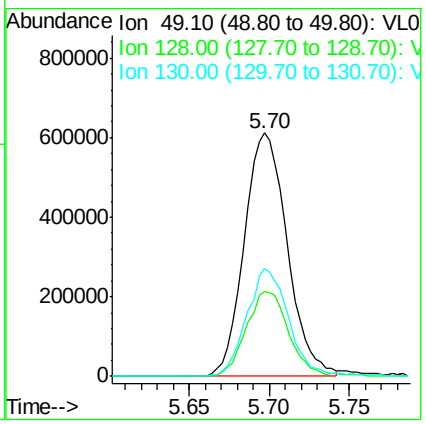


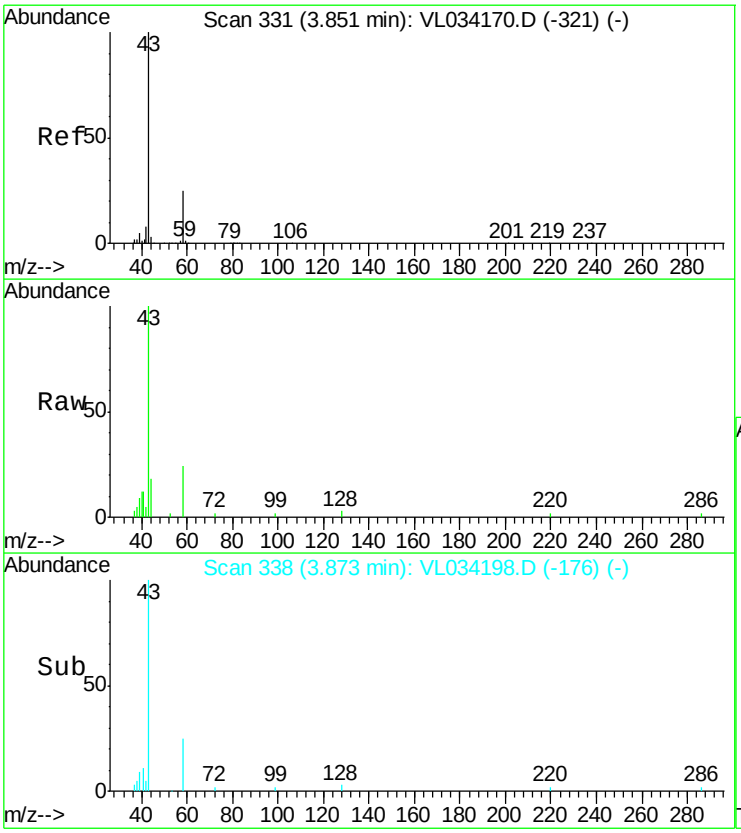
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.70 min Scan# 905
Delta R.T. -0.01 min
Lab File: VL034198.D
Acq: 24 Sep 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL0924ABL01

Tgt Ion: 49 Resp: 1124904

Ion	Ratio	Lower	Upper
49	100		
128	34.7	17.6	52.9
130	43.9	22.3	66.9

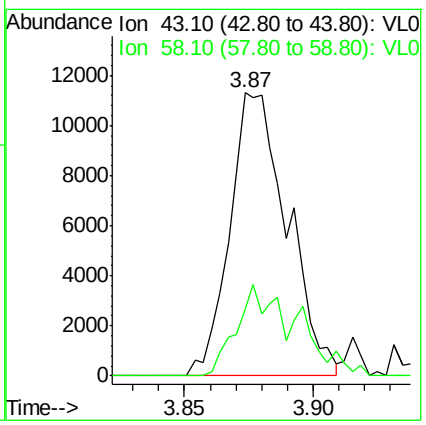


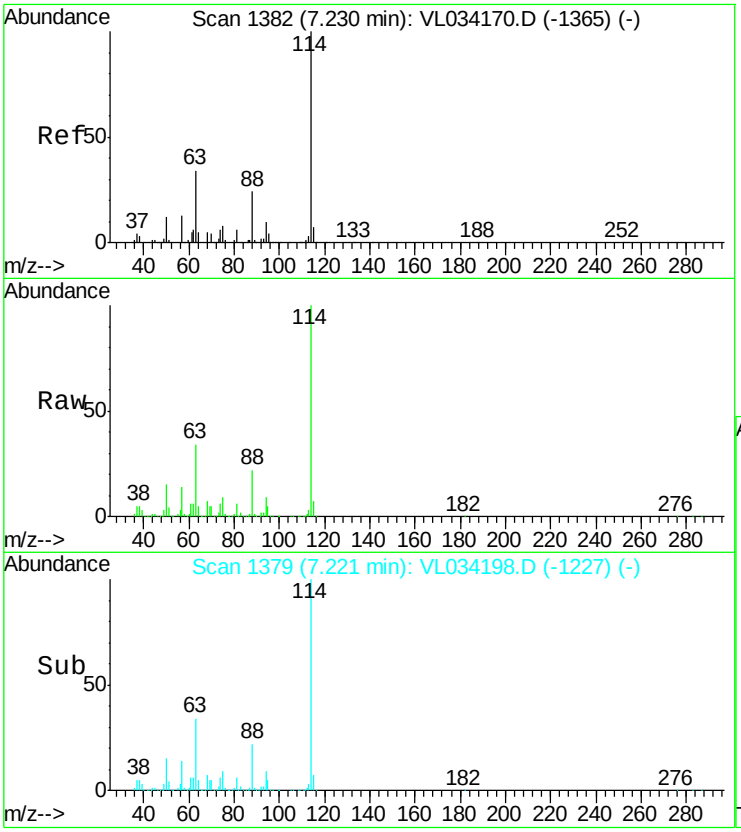


#15
Acetone
Concen: 0.117 ppbv
RT: 3.87 min Scan# 338
Delta R.T. 0.02 min
Lab File: VL034198.D
Acq: 24 Sep 2019 11:53

Tgt Ion: 43 Resp: 17632

Ion	Ratio	Lower	Upper
43	100		
58	33.7	20.5	30.7#



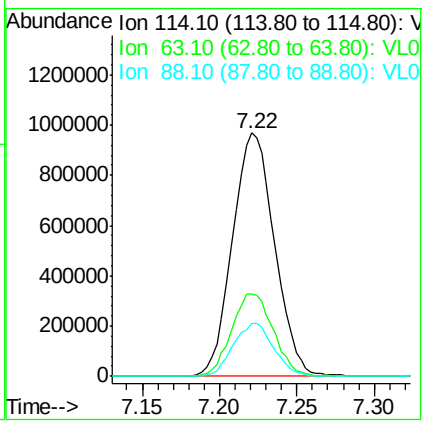


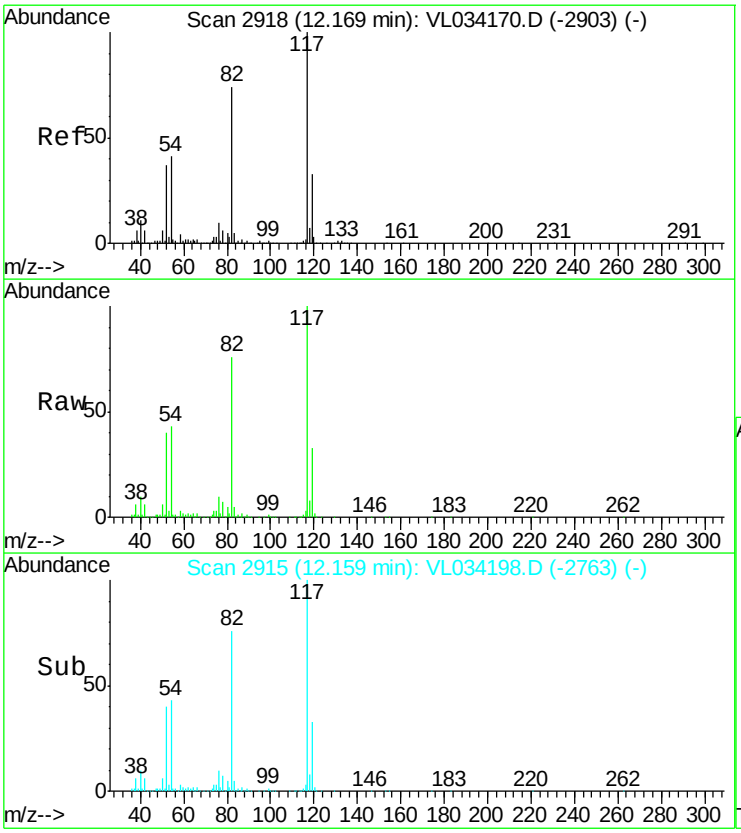
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1379
Delta R.T. -0.01 min
Lab File: VL034198.D
Acq: 24 Sep 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL0924ABL01

Tgt Ion:114 Resp: 1830564

Ion	Ratio	Lower	Upper
114	100		
63	33.8	27.8	41.6
88	21.1	17.1	25.7

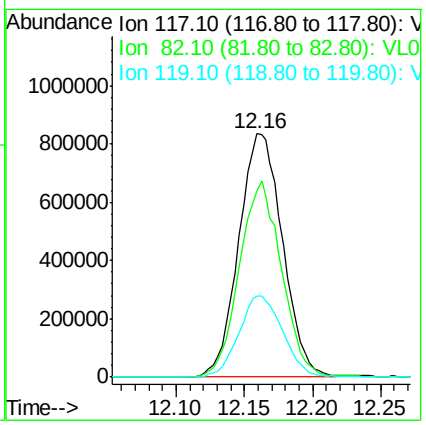


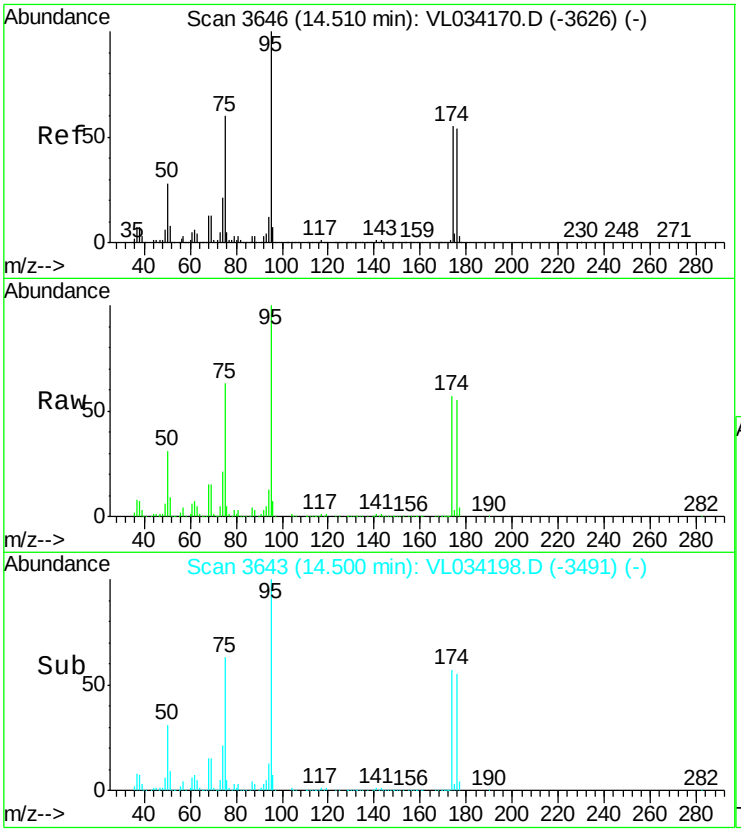


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2915
Delta R.T. -0.01 min
Lab File: VL034198.D
Acq: 24 Sep 2019 11:53

Tgt Ion:117 Resp: 1855440

Ion	Ratio	Lower	Upper
117	100		
82	78.2	58.2	87.4
119	33.6	23.7	35.5





#68
1-Bromo-4-Fluorobenzene
Concen: 10.298 ppbv
RT: 14.50 min Scan# 3643
Delta R.T. -0.01 min
Lab File: VL034198.D
Acq: 24 Sep 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL0924ABL01

Tgt Ion: 95 Resp: 1660289

Ion	Ratio	Lower	Upper
95	100		
174	55.6	45.1	67.7
175	3.7	3.3	4.9