Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050720\
Data File : VL034966.D
Acq On : 7 May 2020 13:46
Operator : SY/AP
Sample : QC041620 CAN 10607
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC041620 CAN 10607

Quant Time: May 08 08:45:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1063541	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2392276	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	2221490	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	1842464	10.25	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.50%			
Target Compounds						Qvalue
15) Acetone	3.85	43	21118	0.150	ppbv	# 43

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

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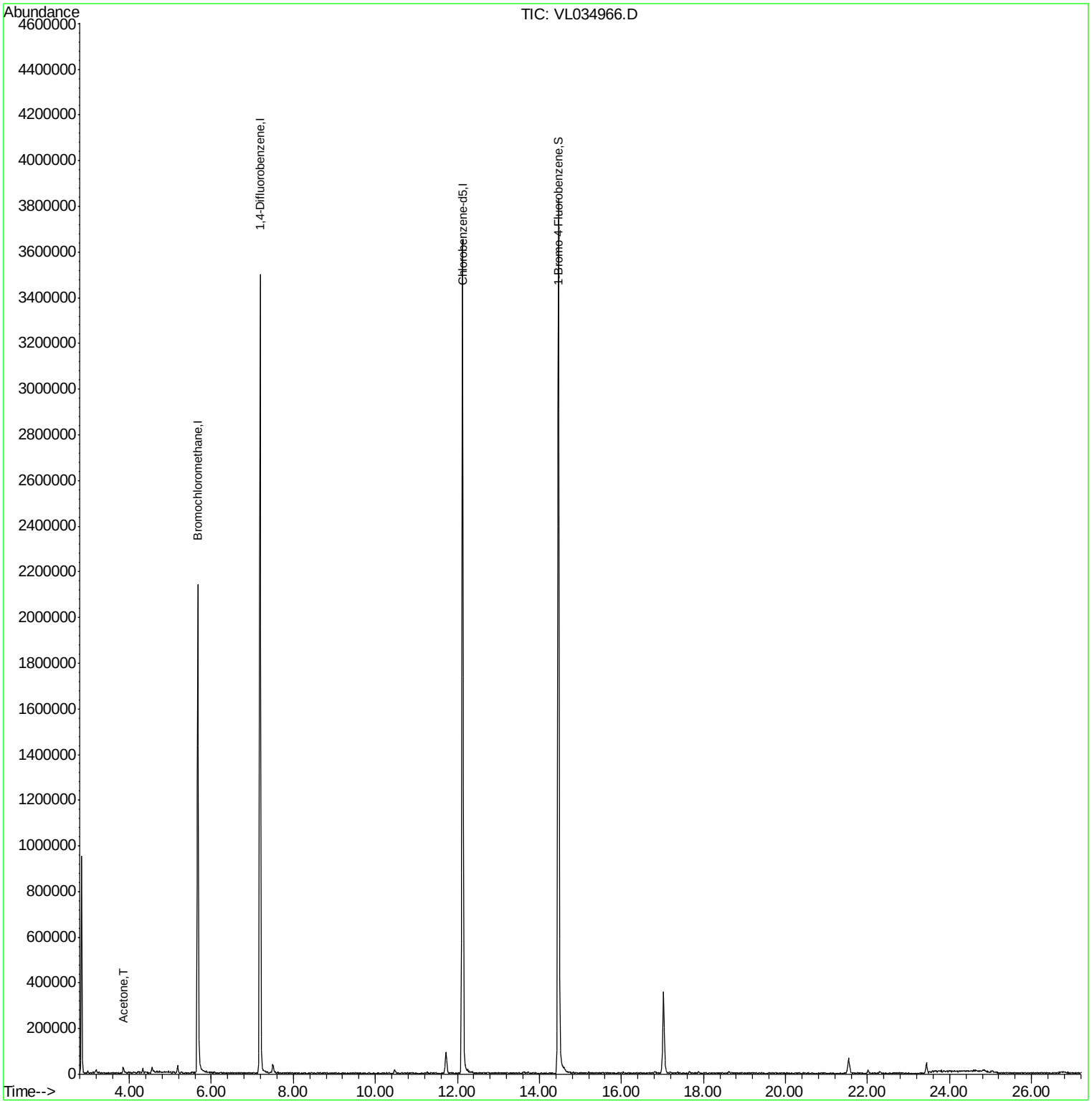
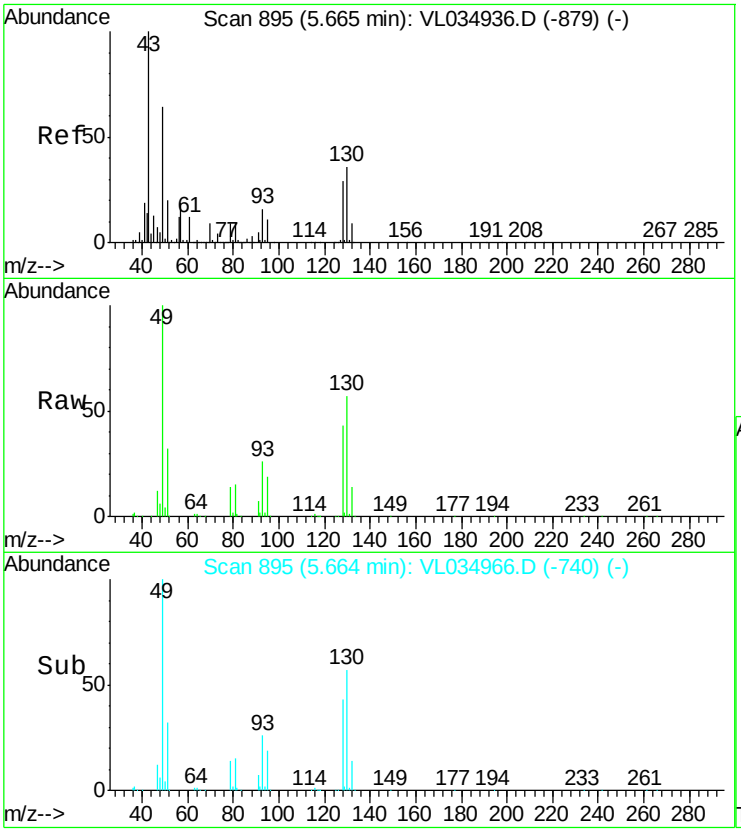


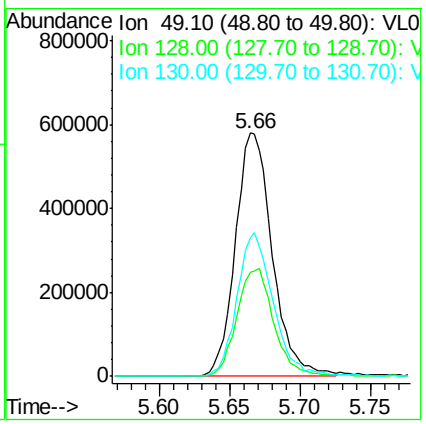


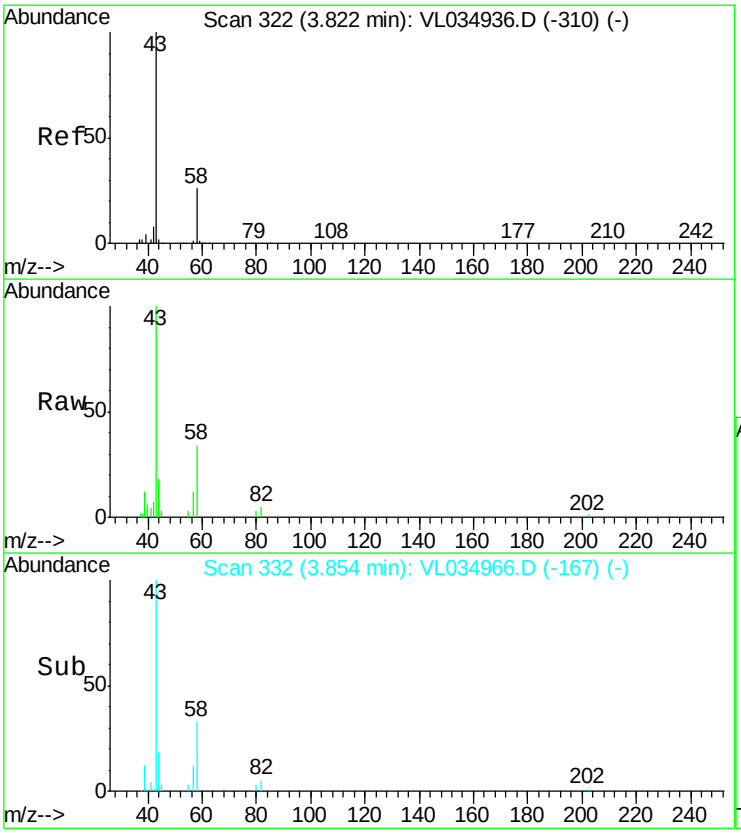
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.00 min
Lab File: VL034966.D
Acq: 7 May 2020 13:46

Instrument :
MSVOA_L
ClientSampleId :
QC041620 CAN 10607

Tgt Ion: 49 Resp: 1063541

Ion	Ratio	Lower	Upper
49	100		
128	44.9	22.1	66.5
130	58.2	29.1	87.3

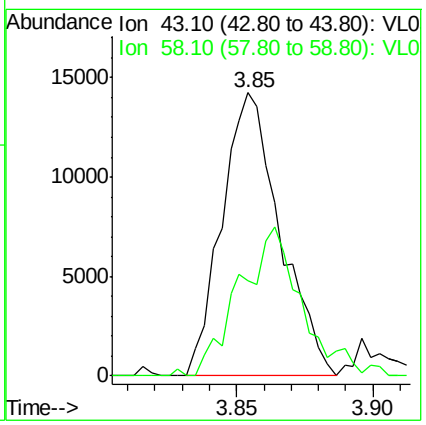


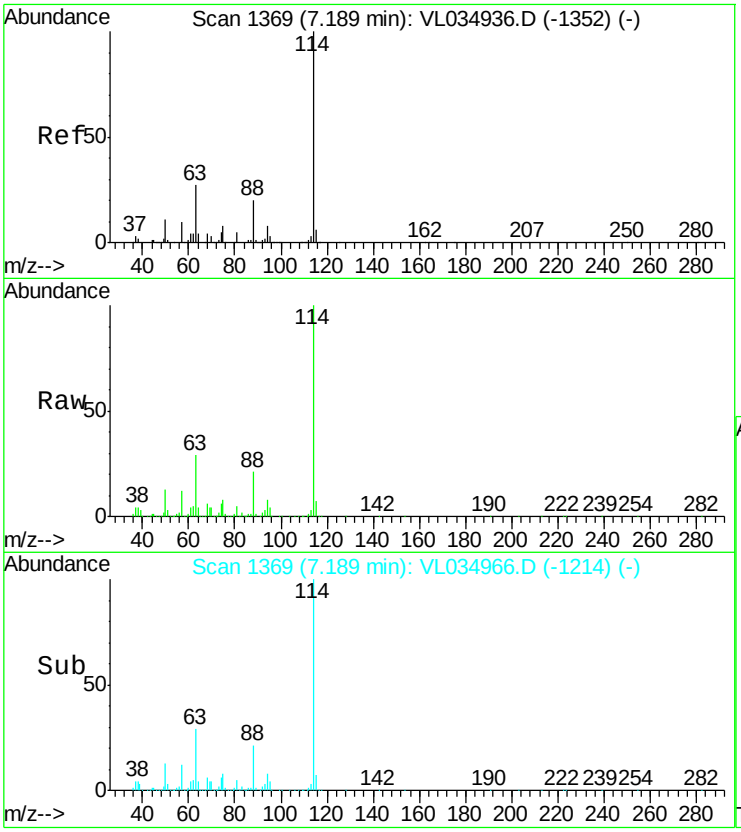


#15
Acetone
Concen: 0.150 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.03 min
Lab File: VL034966.D
Acq: 7 May 2020 13:46

Tgt Ion: 43 Resp: 21118

Ion	Ratio	Lower	Upper
43	100		
58	56.5	21.7	32.5#



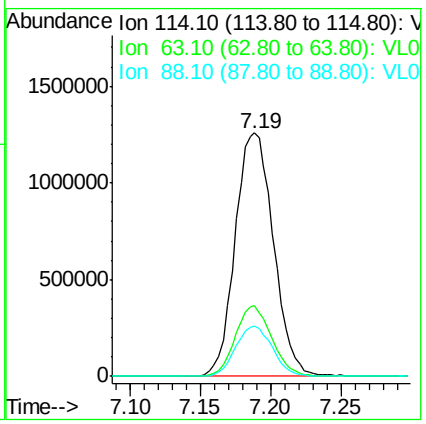


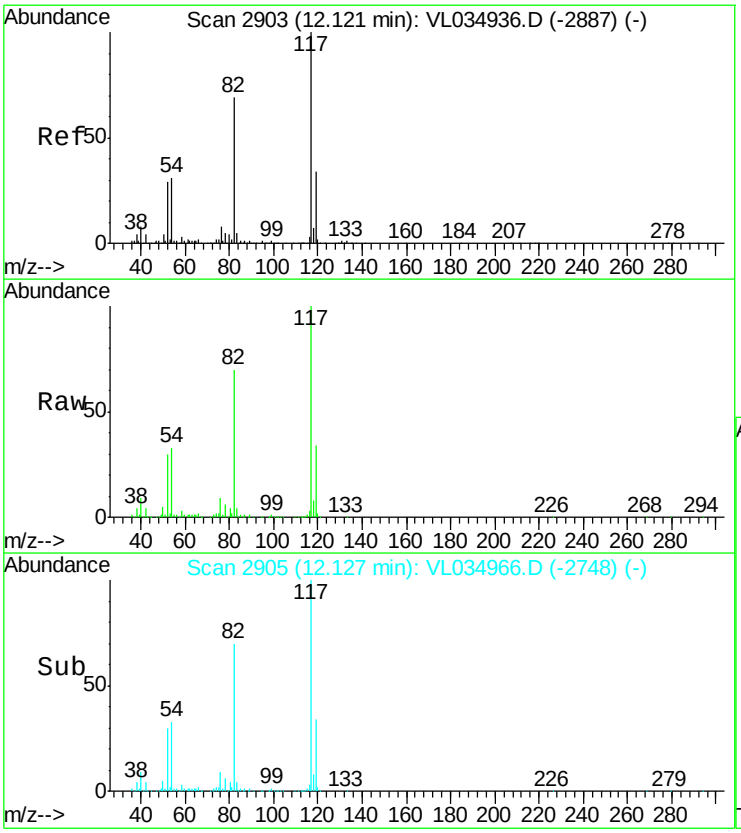
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VL034966.D
Acq: 7 May 2020 13:46

Instrument :
MSVOA_L
ClientSampleId :
QC041620 CAN 10607

Tgt Ion:114 Resp: 2392276

Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.2	33.4
88	20.0	15.5	23.3

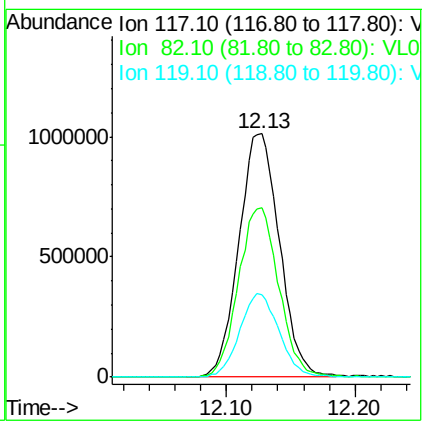


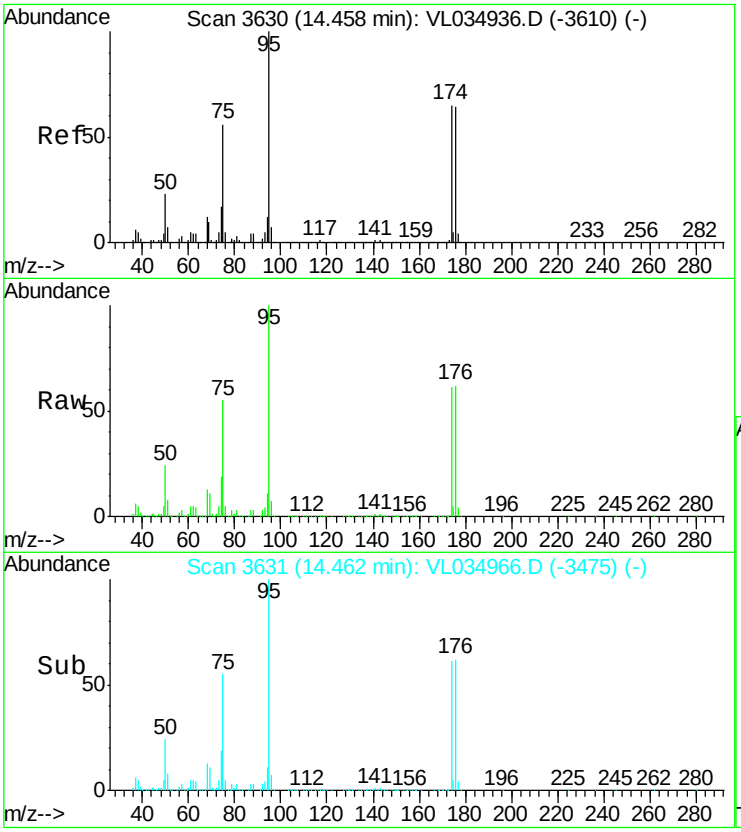


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL034966.D
Acq: 7 May 2020 13:46

Tgt Ion:117 Resp: 2221490

Ion	Ratio	Lower	Upper
117	100		
82	69.6	53.1	79.7
119	33.3	26.7	40.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.246 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VL034966.D
Acq: 7 May 2020 13:46

Instrument :
MSVOA_L
ClientSampleId :
QC041620 CAN 10607

Tgt Ion: 95 Resp: 1842464

Ion	Ratio	Lower	Upper
95	100		
174	65.1	51.5	77.3
175	4.8	3.8	5.8