Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050619\
Data File : VL033672.D
Acq On : 6 May 2019 23:48
Operator : SY/AP
Sample : QC042919 CAN 10607
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC042919 CAN 10607

Quant Time: May 07 05:38:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon May 06 15:19:01 2019
QLast Update : Mon May 06 15:19:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	808511	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1901253	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1894076	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1674470	10.78	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.80%			
Target Compounds						Qvalue

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

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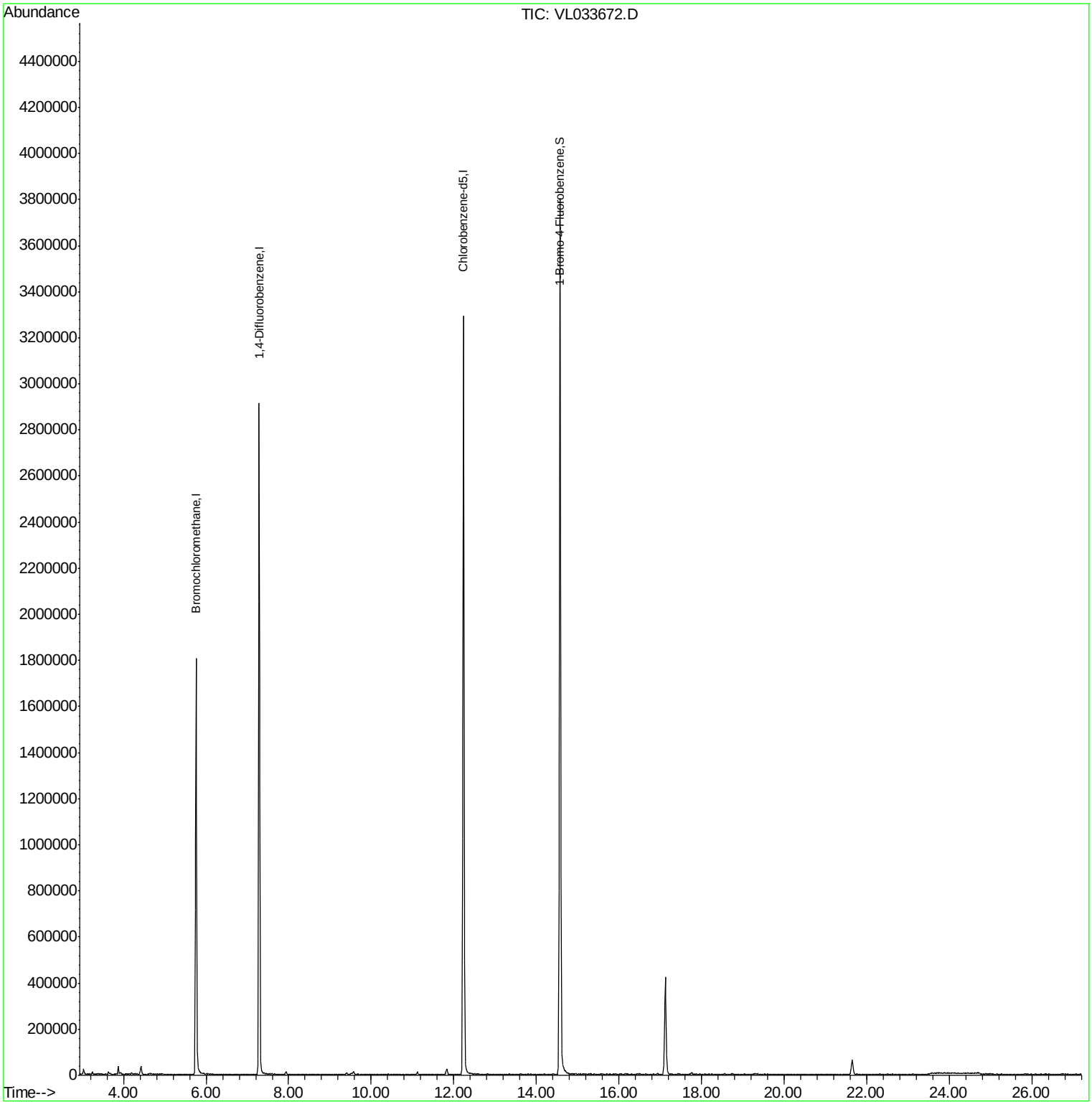
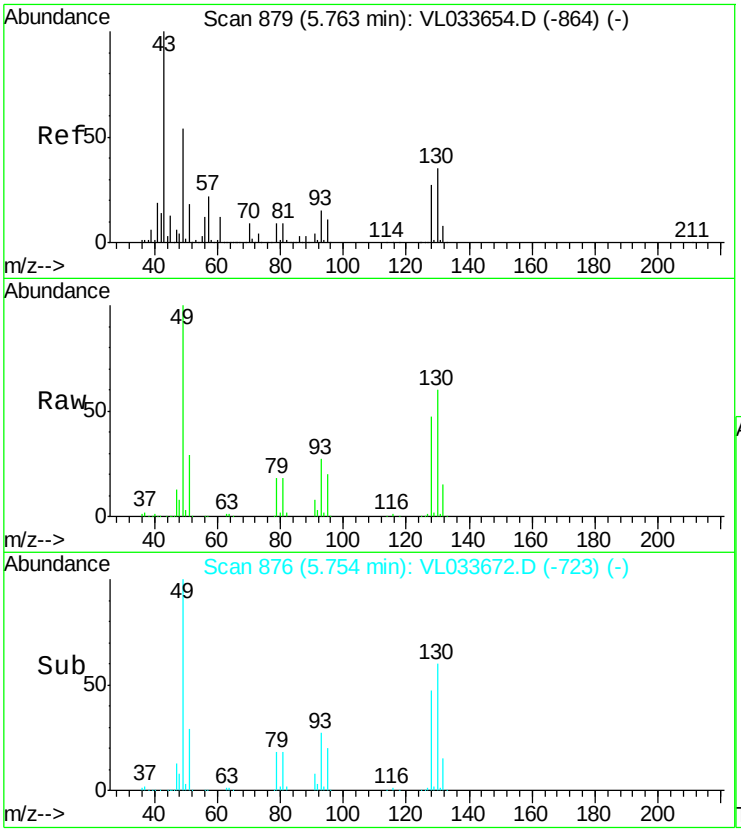


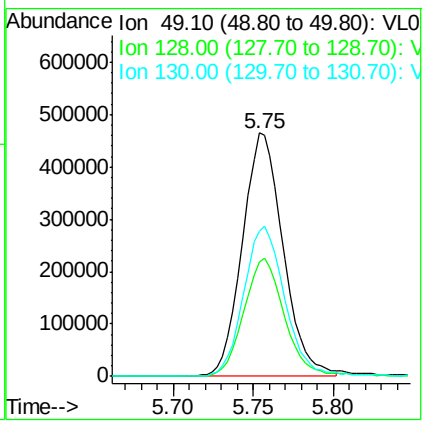


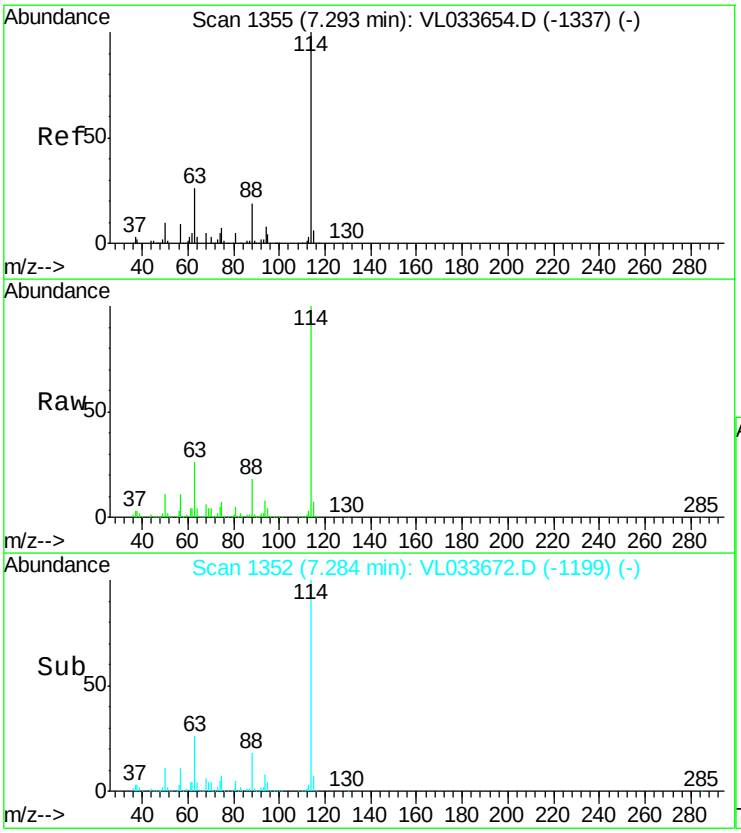
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033672.D
Acq: 6 May 2019 23:48

Instrument :
MSVOA_L
ClientSampleId :
QC042919 CAN 10607

Tgt Ion: 49 Resp: 808511

Ion	Ratio	Lower	Upper
49	100		
128	48.5	24.8	74.3
130	62.9	32.1	96.5

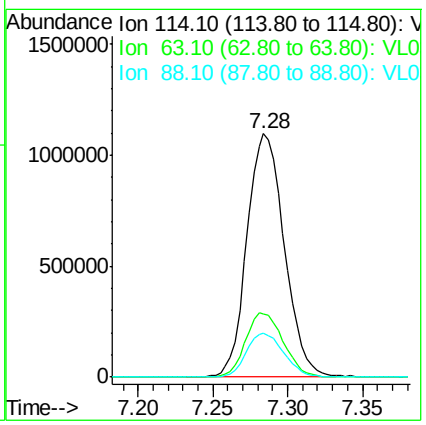


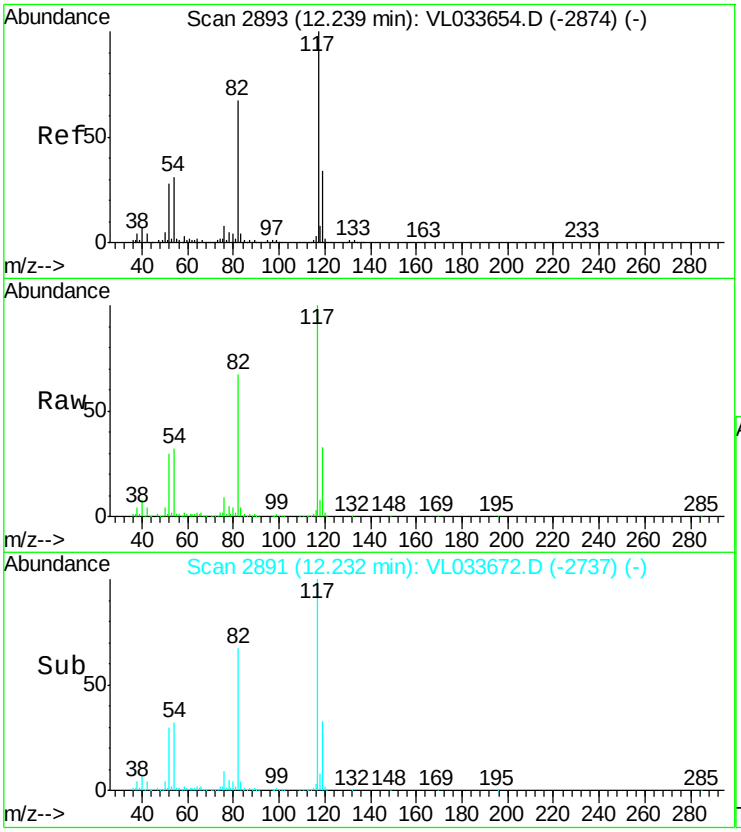


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033672.D
Acq: 6 May 2019 23:48

Tgt Ion:114 Resp: 1901253

Ion	Ratio	Lower	Upper
114	100		
63	27.0	21.3	31.9
88	18.1	14.4	21.6



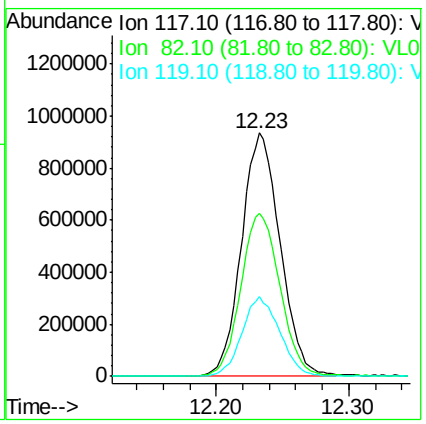


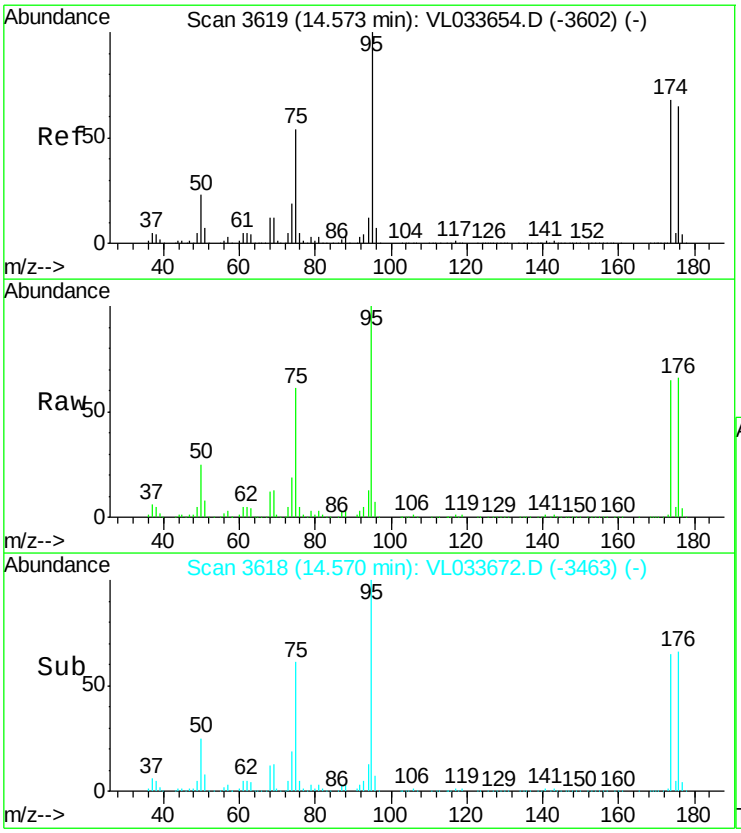
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033672.D
Acq: 6 May 2019 23:48

Instrument :
MSVOA_L
ClientSampleId :
QC042919 CAN 10607

Tgt Ion:117 Resp: 1894076

Ion	Ratio	Lower	Upper
117	100		
82	68.4	49.7	74.5
119	32.3	24.8	37.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.785 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.00 min
Lab File: VL033672.D
Acq: 6 May 2019 23:48

Tgt Ion: 95 Resp: 1674470

Ion	Ratio	Lower	Upper
95	100		
174	66.2	54.0	81.0
175	4.7	3.8	5.8