Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040419\
Data File : VL033534.D
Acq On : 4 Apr 2019 15:43
Operator : SY/AP
Sample : QC040319 CAN 10284
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC040319 CAN 10284

Quant Time: Apr 05 02:21:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1242378	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2815620	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2968859	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	2328267	10.00	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.00%			
Target Compounds						Qvalue
20) Methylene Chloride	4.41	84	18701	0.295	ppbv	86

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

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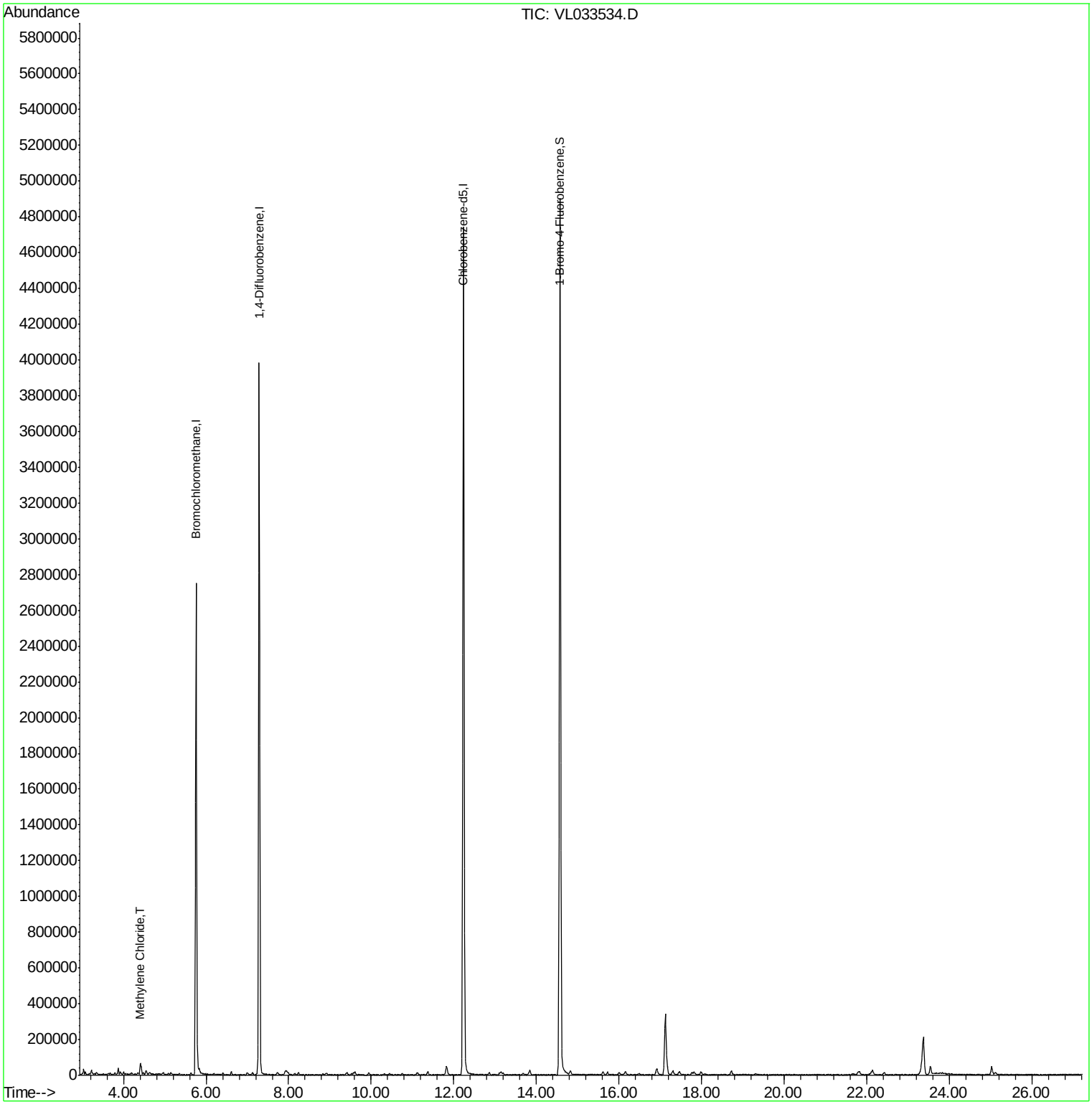
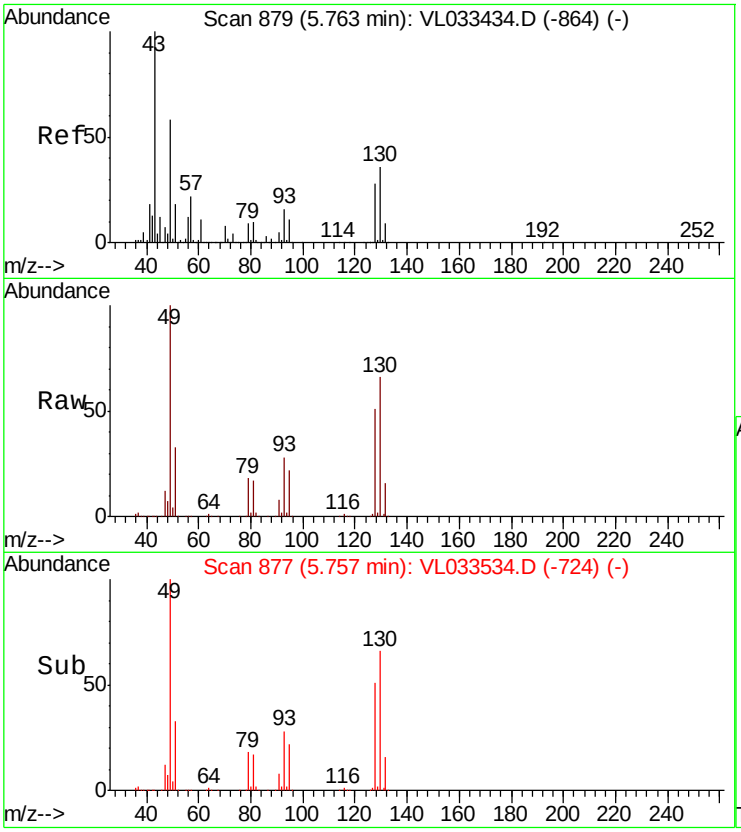


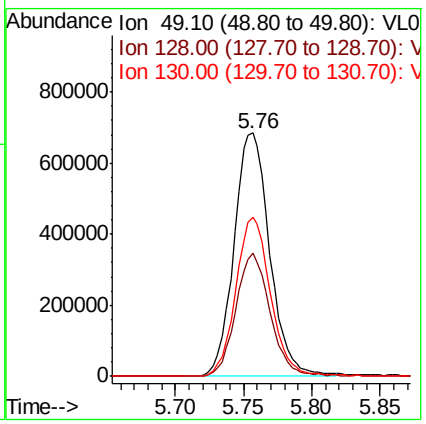


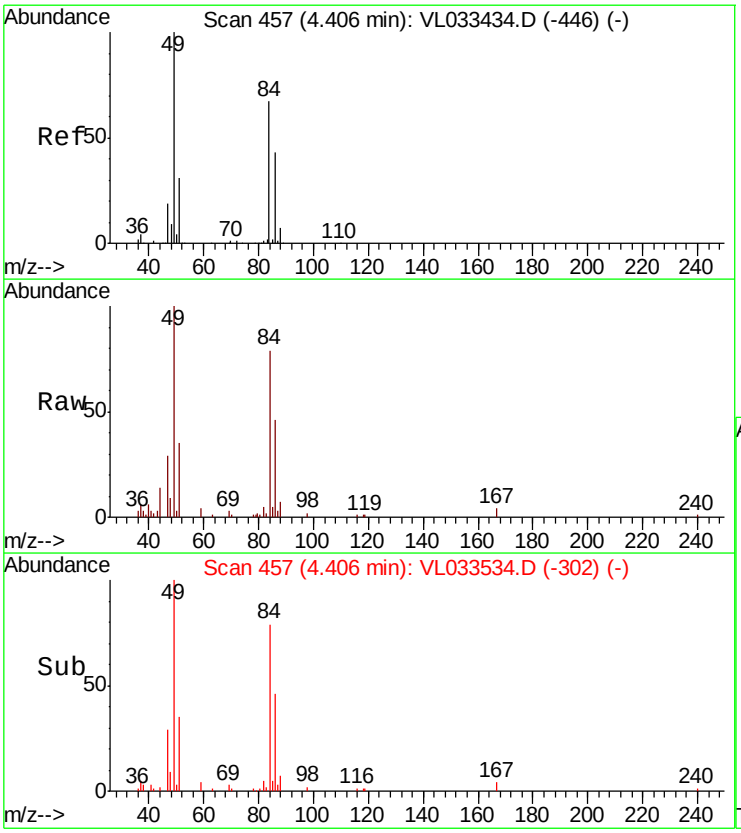
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.01 min
Lab File: VL033534.D
Acq: 4 Apr 2019 15:43

Instrument :
MSVOA_L
ClientSampleId :
QC040319 CAN 10284

Tgt Ion: 49 Resp: 1242378

Ion	Ratio	Lower	Upper
49	100		
128	49.0	24.0	72.0
130	64.1	31.2	93.6

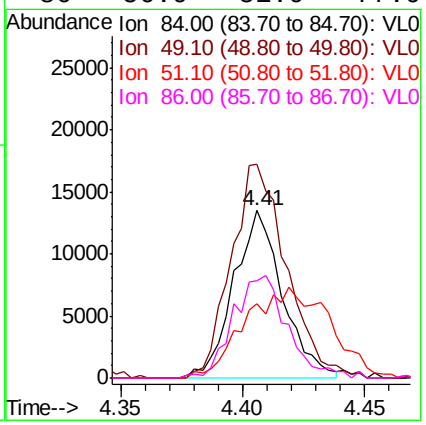


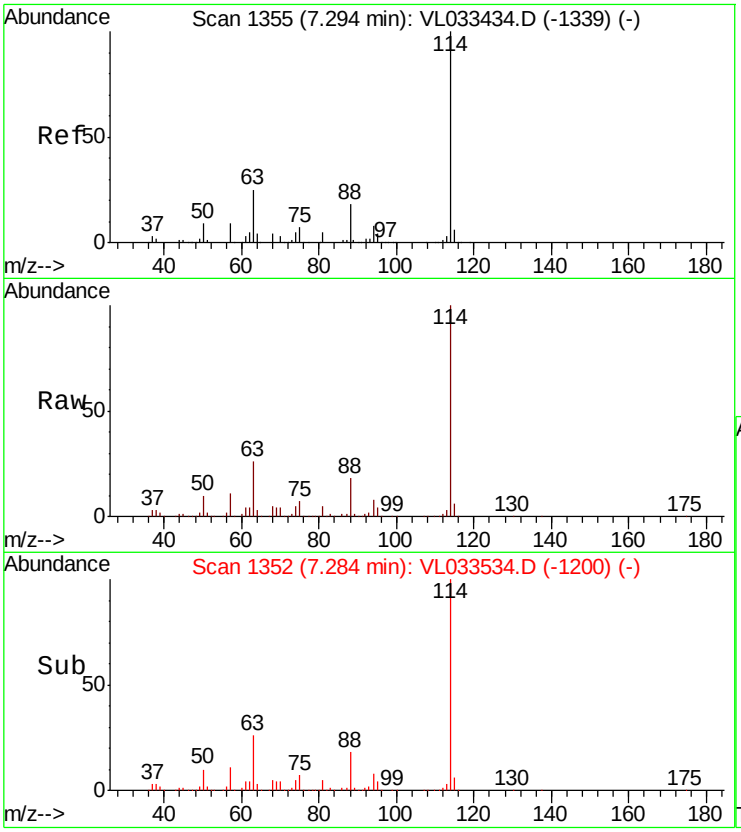


#20
Methylene Chloride
Concen: 0.295 ppbv
RT: 4.41 min Scan# 457
Delta R.T. -0.00 min
Lab File: VL033534.D
Acq: 4 Apr 2019 15:43

Tgt Ion: 84 Resp: 18701

Ion	Ratio	Lower	Upper
84	100		
49	125.8	120.0	180.0
51	44.1	36.7	55.1
86	56.9	51.9	77.9



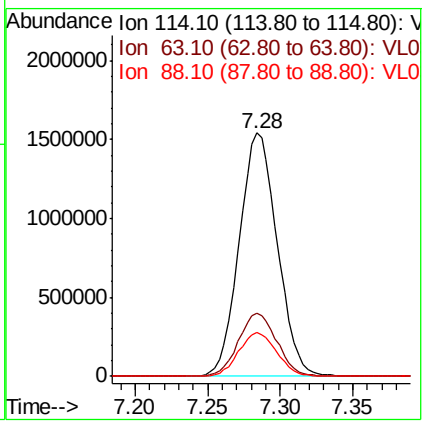


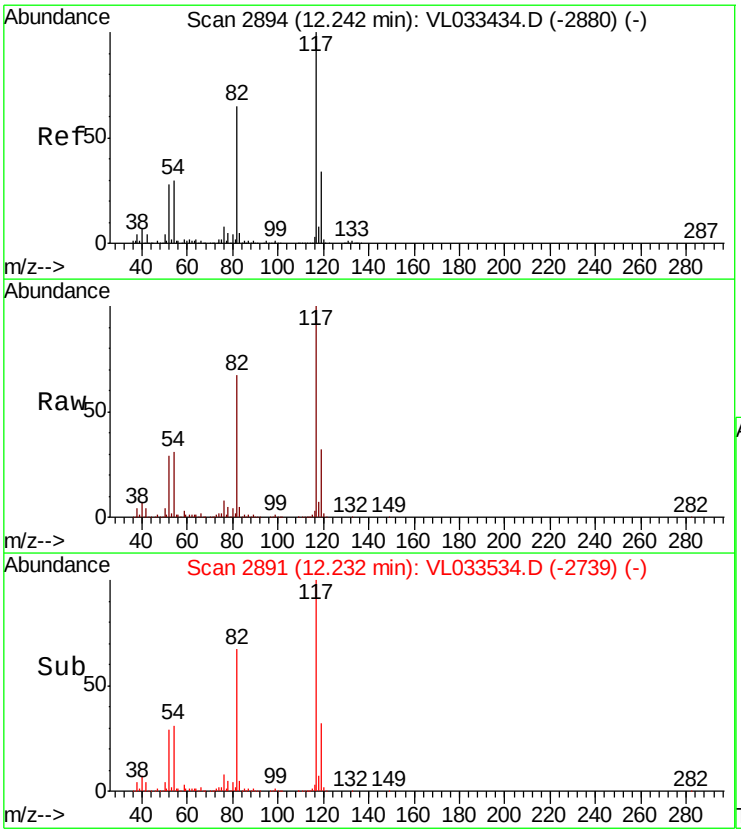
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033534.D
Acq: 4 Apr 2019 15:43

Instrument :
MSVOA_L
ClientSampleId :
QC040319 CAN 10284

Tgt Ion:114 Resp: 2815620

Ion	Ratio	Lower	Upper
114	100		
63	26.0	21.5	32.3
88	18.1	14.5	21.7

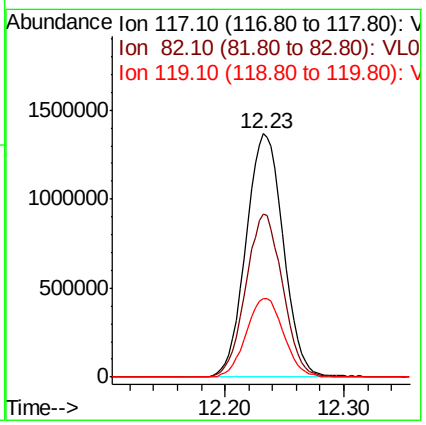


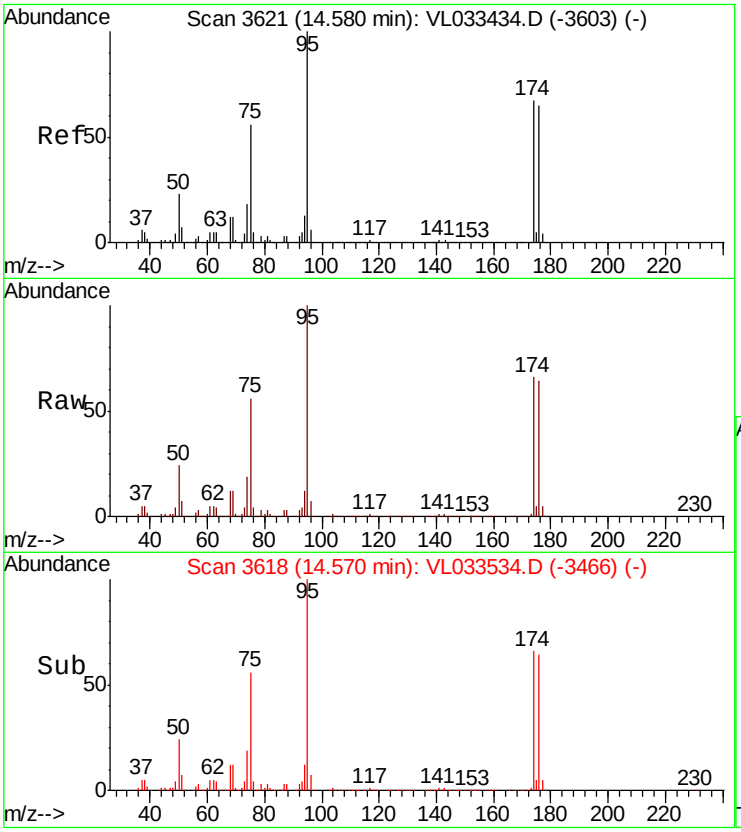


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033534.D
Acq: 4 Apr 2019 15:43

Tgt Ion:117 Resp: 2968859

Ion	Ratio	Lower	Upper
117	100		
82	66.5	51.5	77.3
119	32.5	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.003 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033534.D
Acq: 4 Apr 2019 15:43

Instrument :
MSVOA_L
ClientSampleId :
QC040319 CAN 10284

Tgt Ion: 95 Resp: 2328267

Ion	Ratio	Lower	Upper
95	100		
174	66.9	52.9	79.3
175	4.8	3.8	5.6