Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100318\
Data File : VL032595.D
Acq On : 4 Oct 2018 10:13
Operator : SY/AP
Sample : QC092418 CAN 10288
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC092418 CAN 10288

Quant Time: Oct 04 17:14:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1086781	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.31	114	2521835	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	2635745	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.60	95	1915897	9.64	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.40%			
Target Compounds						Qvalue

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

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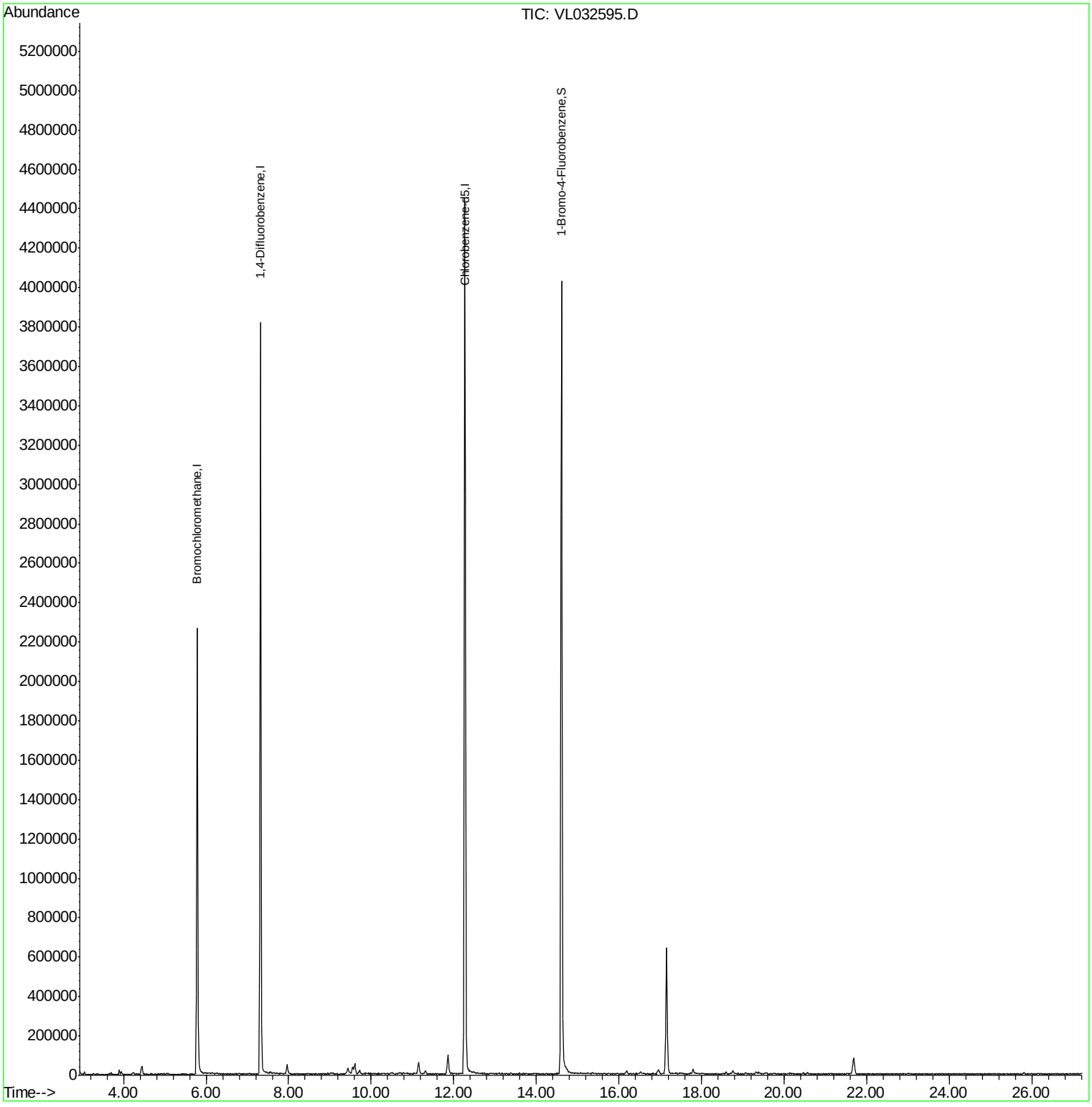
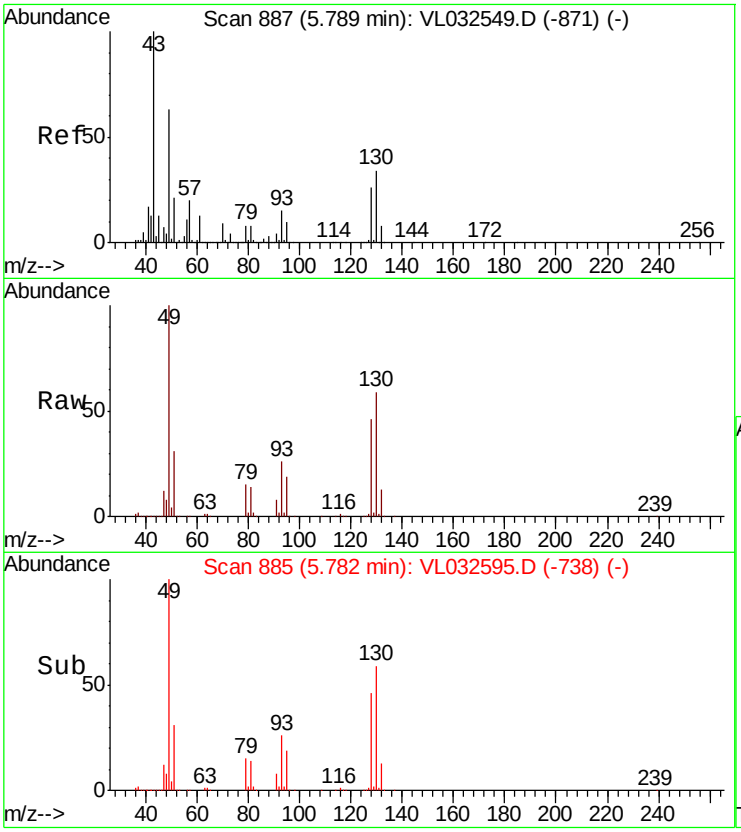


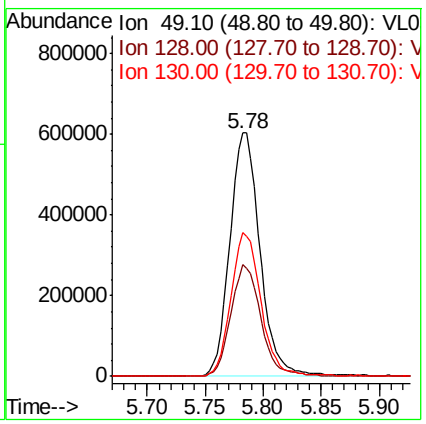


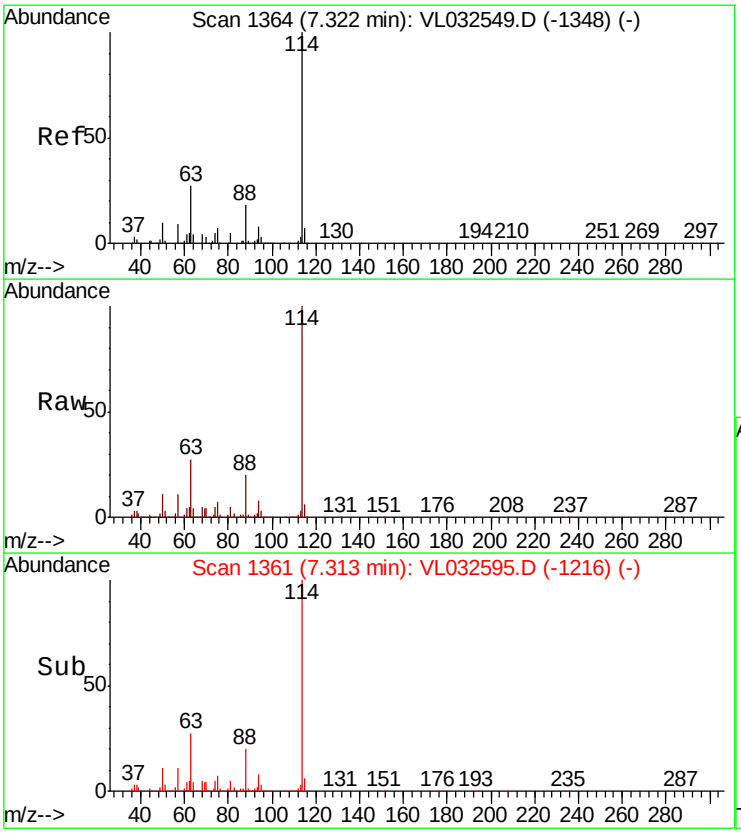
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.03 min
Lab File: VL032595.D
Acq: 4 Oct 2018 10:13

Instrument :
MSVOA_L
ClientSampleId :
QC092418 CAN 10288

Tgt Ion: 49 Resp: 1086781

Ion	Ratio	Lower	Upper
49	100		
128	45.6	20.7	62.1
130	59.5	26.6	79.7

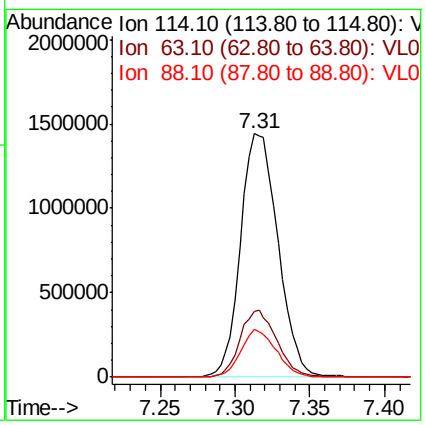


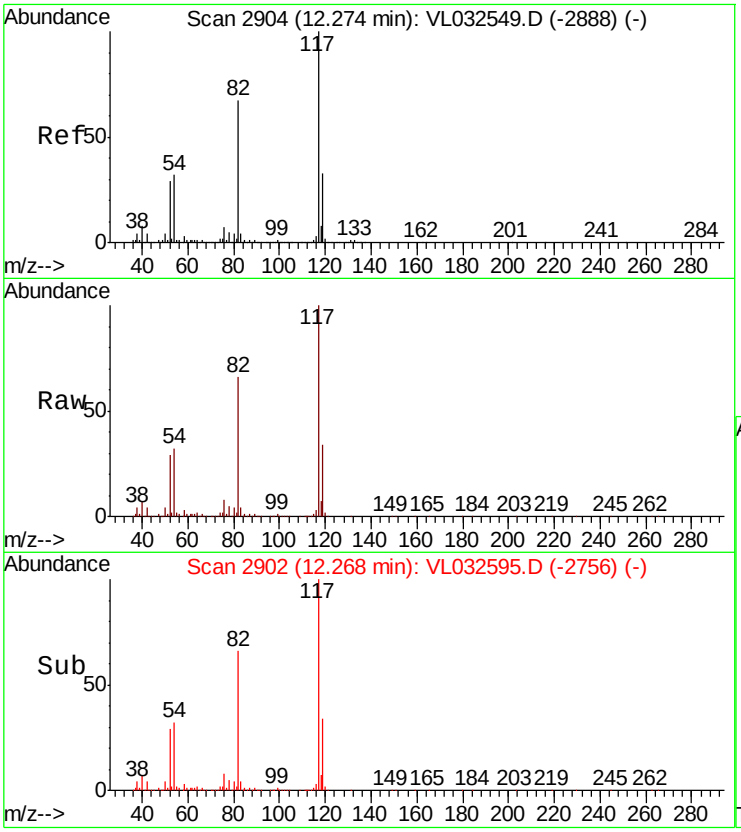


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.31 min Scan# 1361
Delta R.T. -0.03 min
Lab File: VL032595.D
Acq: 4 Oct 2018 10:13

Tgt Ion:114 Resp: 2521835

Ion	Ratio	Lower	Upper
114	100		
63	27.0	22.2	33.4
88	18.5	15.0	22.4



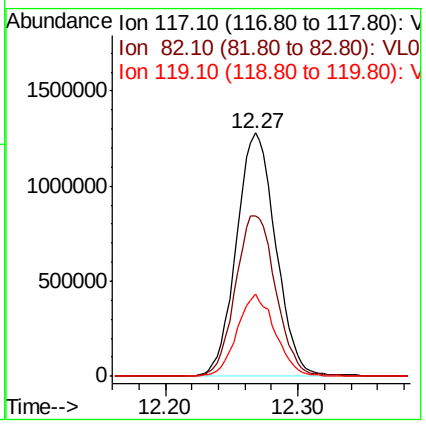


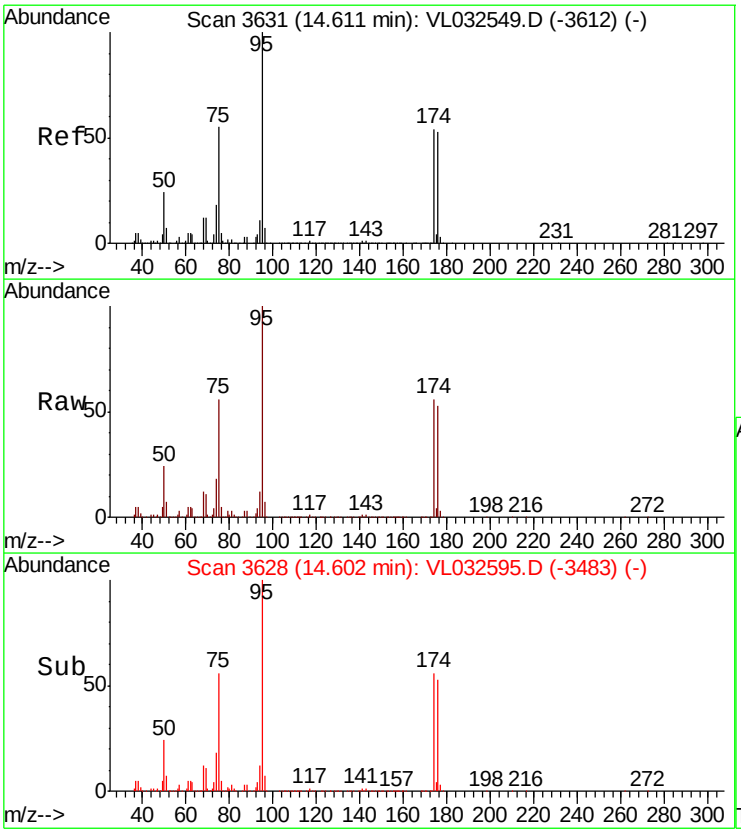
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL032595.D
Acq: 4 Oct 2018 10:13

Instrument :
MSVOA_L
ClientSampleId :
QC092418 CAN 10288

Tgt Ion:117 Resp: 2635745

Ion	Ratio	Lower	Upper
117	100		
82	68.3	53.0	79.6
119	32.8	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.639 ppbv
RT: 14.60 min Scan# 3628
Delta R.T. -0.03 min
Lab File: VL032595.D
Acq: 4 Oct 2018 10:13

Tgt Ion: 95 Resp: 1915897

Ion	Ratio	Lower	Upper
95	100		
174	58.4	46.3	69.5
175	4.0	3.4	5.0