Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100318\
Data File : VL032585.D
Acq On : 3 Oct 2018 18:47
Operator : SY/AP
Sample : QC091218 CAN 10282
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC091218 CAN 10282

Quant Time: Oct 04 09:47:11 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	5.79	49	1280293	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	2833866	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3029044	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2135289	9.35	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.50%			
Target Compounds						Qvalue

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

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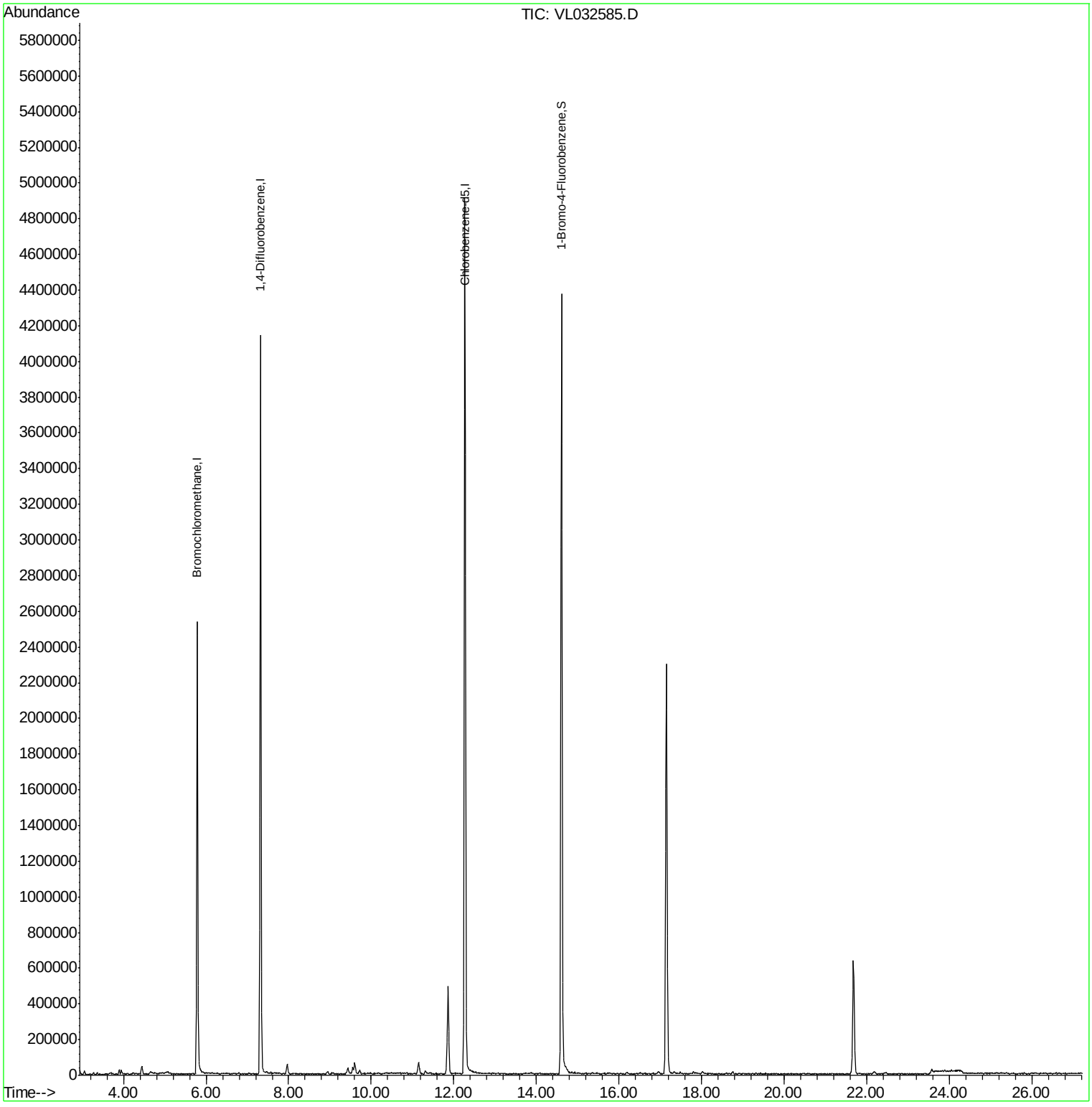
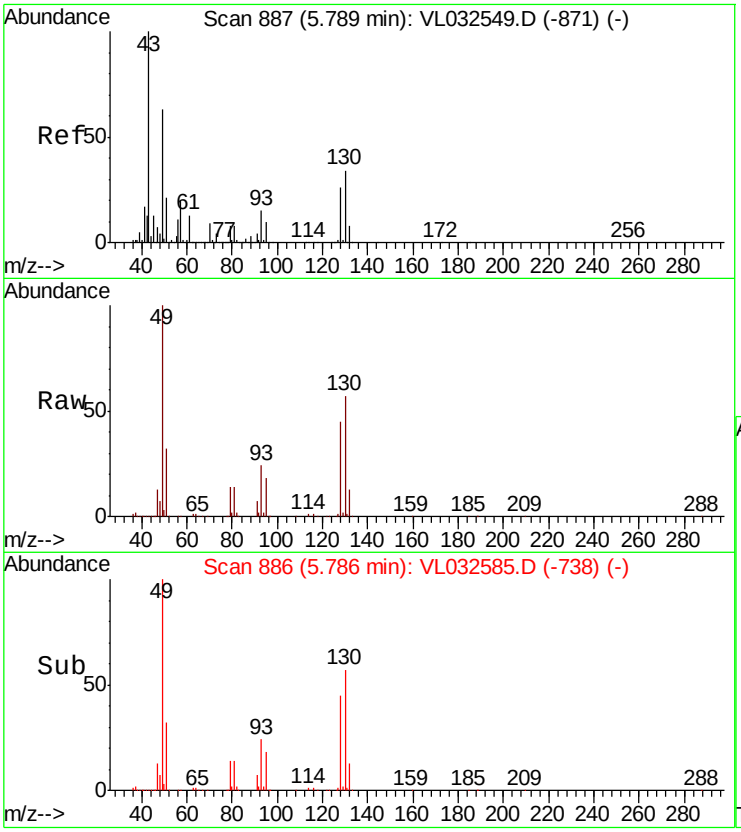


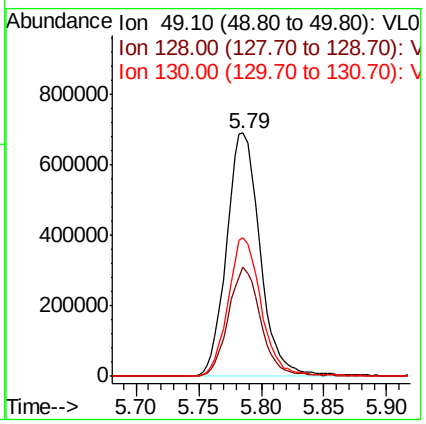


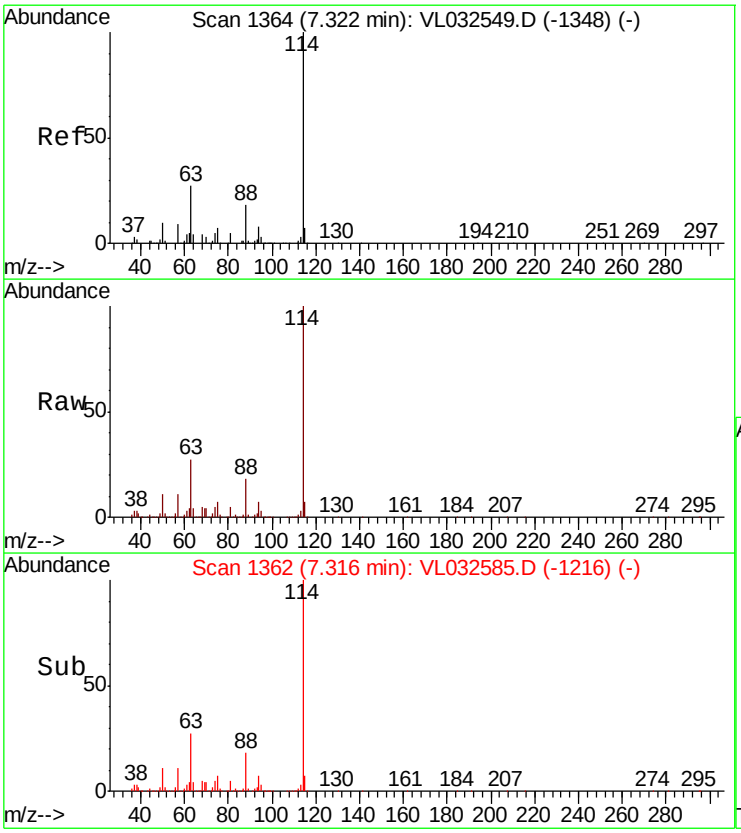
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.02 min
Lab File: VL032585.D
Acq: 3 Oct 2018 18:47

Instrument :
MSVOA_L
ClientSampleId :
QC091218 CAN 10282

Tgt Ion: 49 Resp: 1280293

Ion	Ratio	Lower	Upper
49	100		
128	43.3	20.7	62.1
130	56.9	26.6	79.7

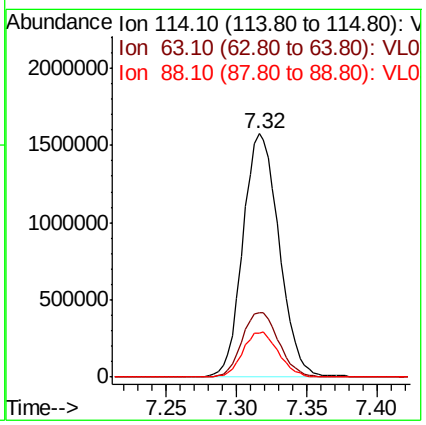


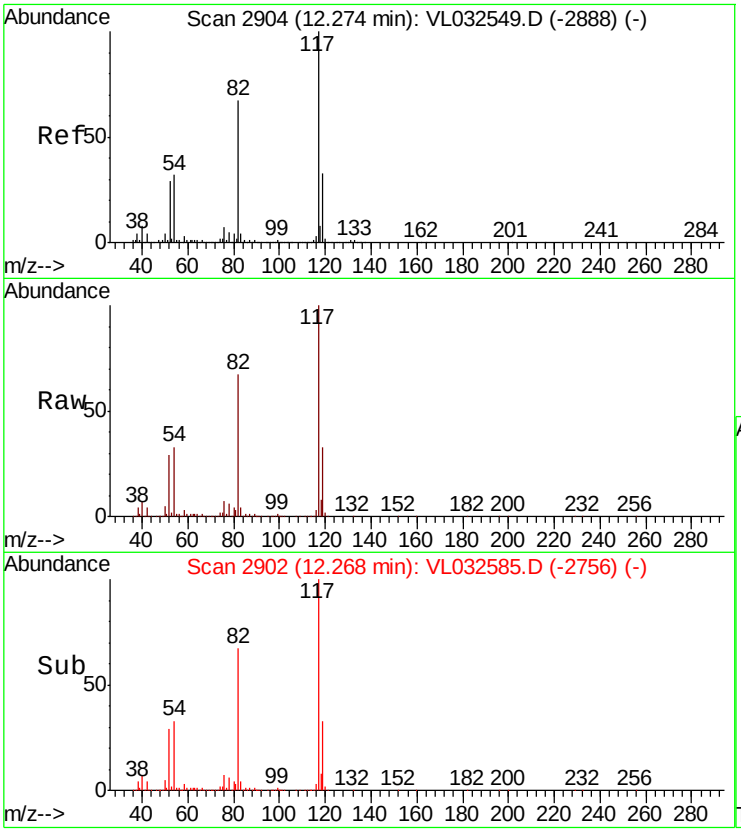


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1362
Delta R.T. -0.03 min
Lab File: VL032585.D
Acq: 3 Oct 2018 18:47

Tgt Ion:114 Resp: 2833866

Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.2	33.4
88	18.4	15.0	22.4



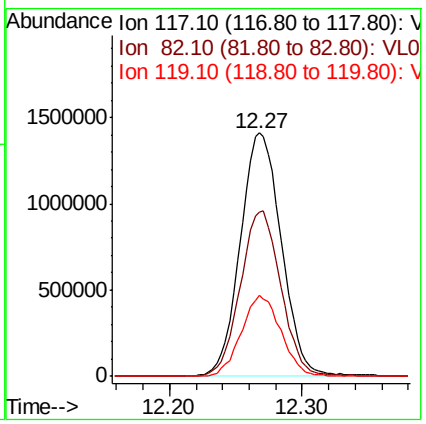


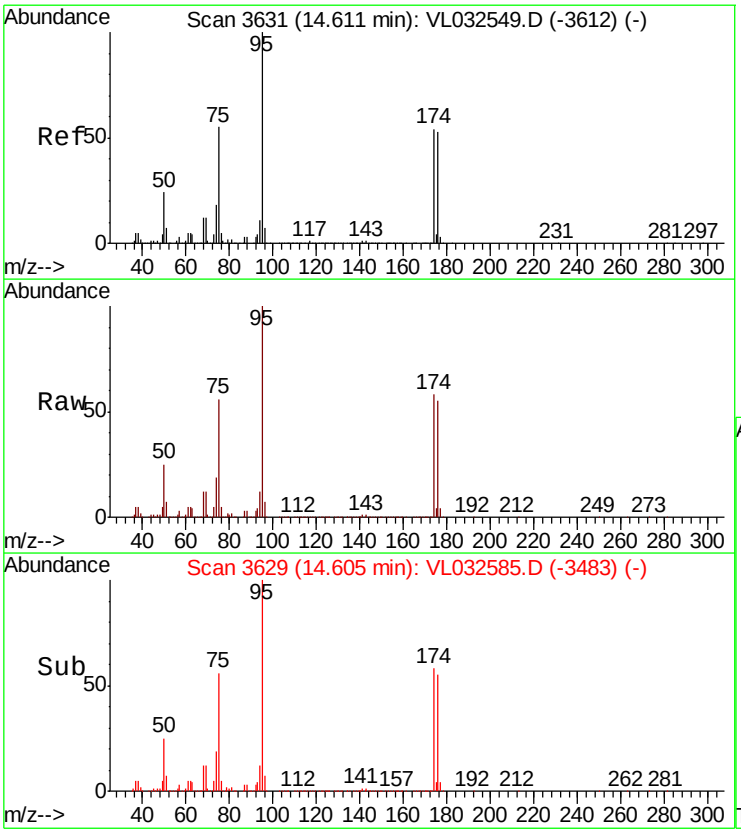
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL032585.D
Acq: 3 Oct 2018 18:47

Instrument :
MSVOA_L
ClientSampleId :
QC091218 CAN 10282

Tgt Ion:117 Resp: 3029044

Ion	Ratio	Lower	Upper
117	100		
82	67.6	53.0	79.6
119	32.4	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.348 ppbv
RT: 14.61 min Scan# 3629
Delta R.T. -0.03 min
Lab File: VL032585.D
Acq: 3 Oct 2018 18:47

Tgt Ion: 95 Resp: 2135289

Ion	Ratio	Lower	Upper
95	100		
174	59.2	46.3	69.5
175	4.0	3.4	5.0