Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL122018\
Data File : VL033027.D
Acq On : 20 Dec 2018 16:06
Operator : SY/AP
Sample : QC121318 CAN 10323
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC121318 CAN 10323

Quant Time: Dec 21 06:29:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1308359	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3106527	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1953512	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1985448	13.76	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 137.60%#			
Target Compounds						Qvalue

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

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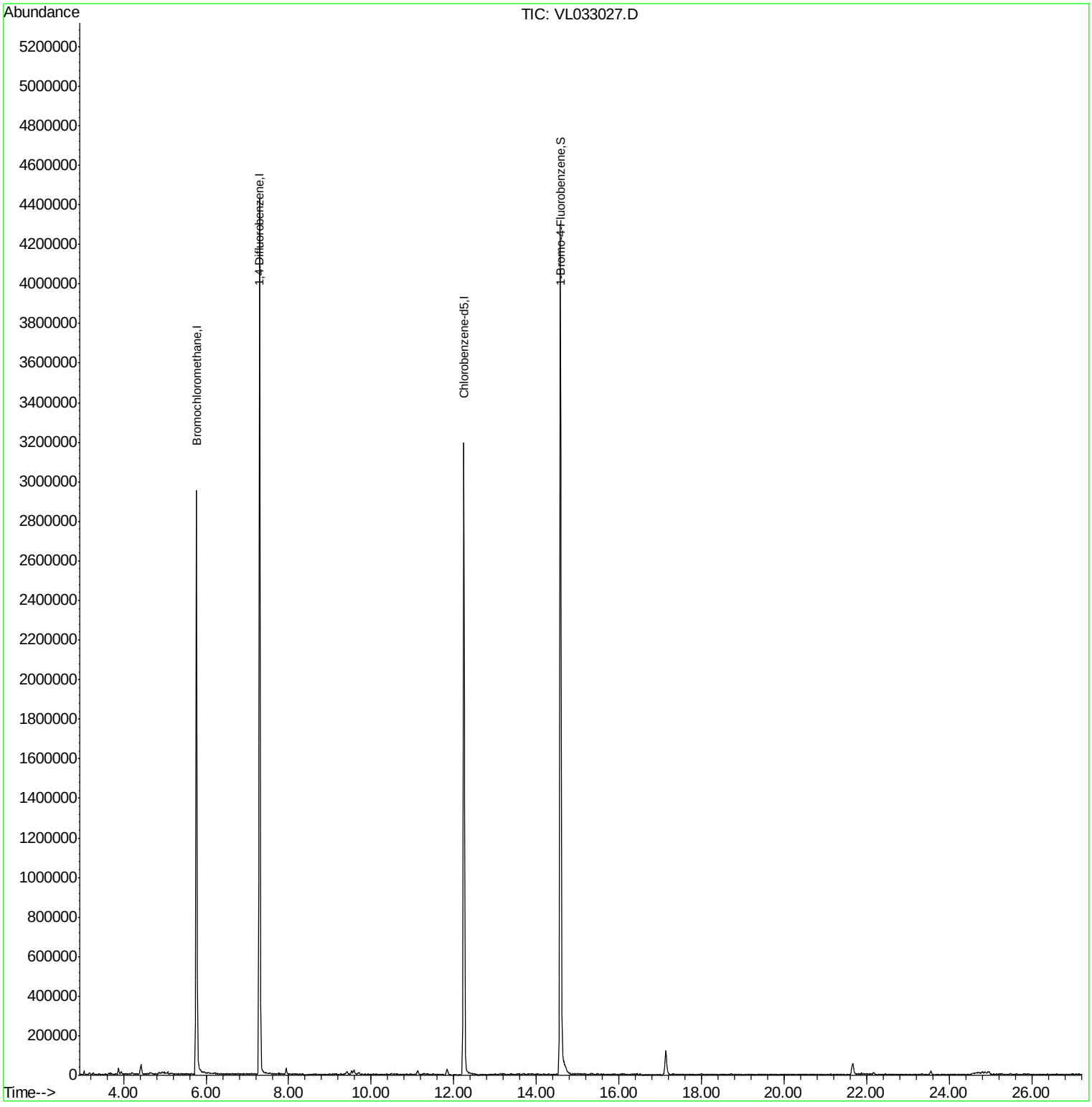
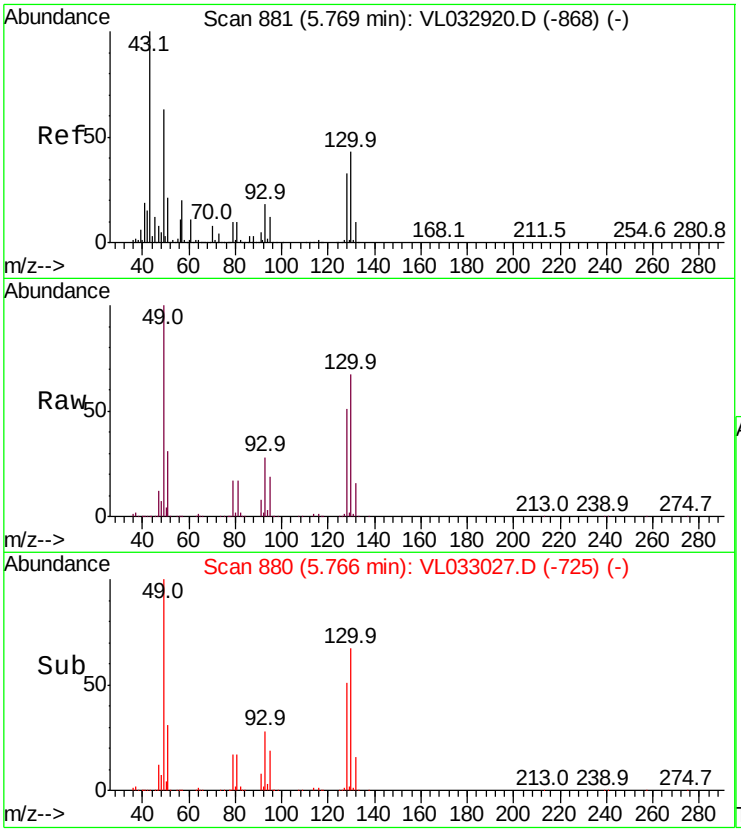


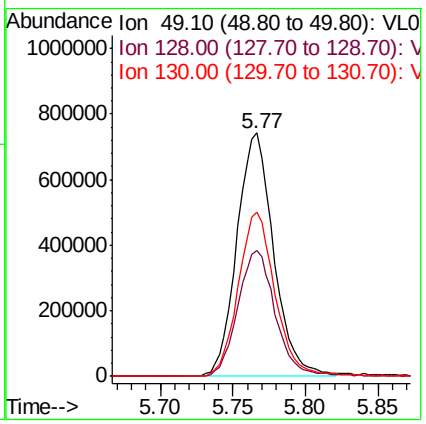


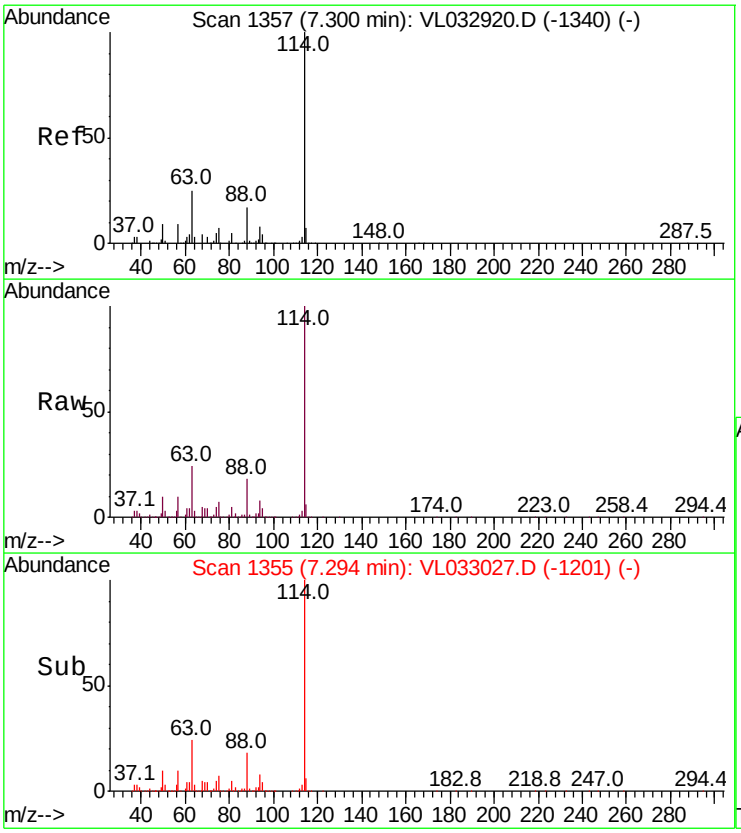
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL033027.D
Acq: 20 Dec 2018 16:06

Instrument :
MSVOA_L
ClientSampleId :
QC121318 CAN 10323

Tgt Ion: 49 Resp: 1308359

Ion	Ratio	Lower	Upper
49	100		
128	53.4	26.3	78.8
130	67.8	33.9	101.7

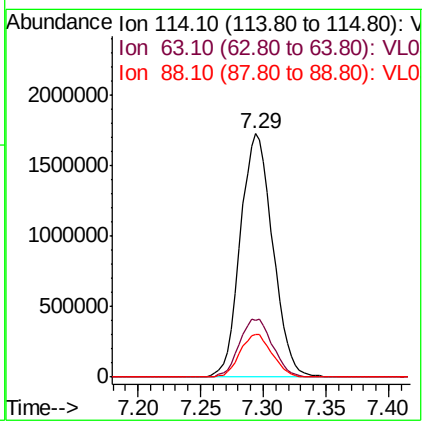


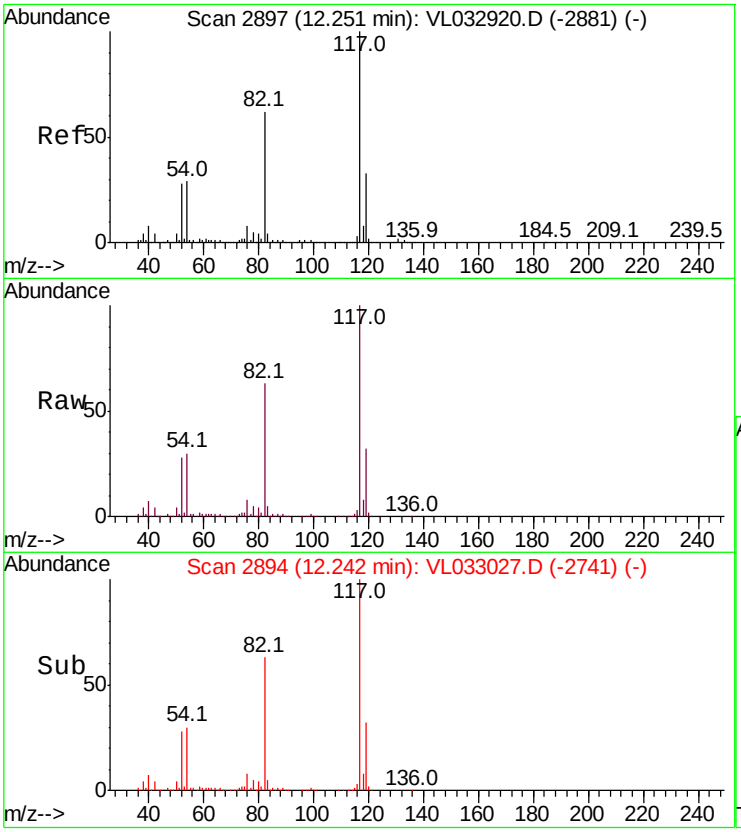


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL033027.D
Acq: 20 Dec 2018 16:06

Tgt Ion:114 Resp: 3106527

Ion	Ratio	Lower	Upper
114	100		
63	24.7	20.1	30.1
88	17.5	14.2	21.4



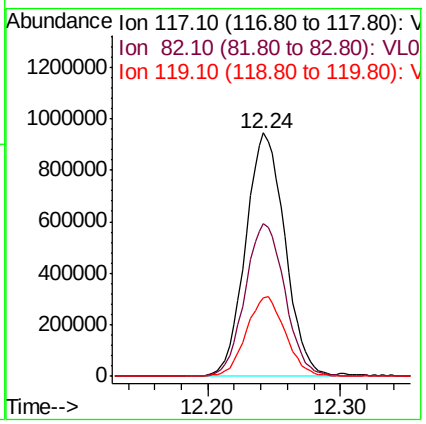


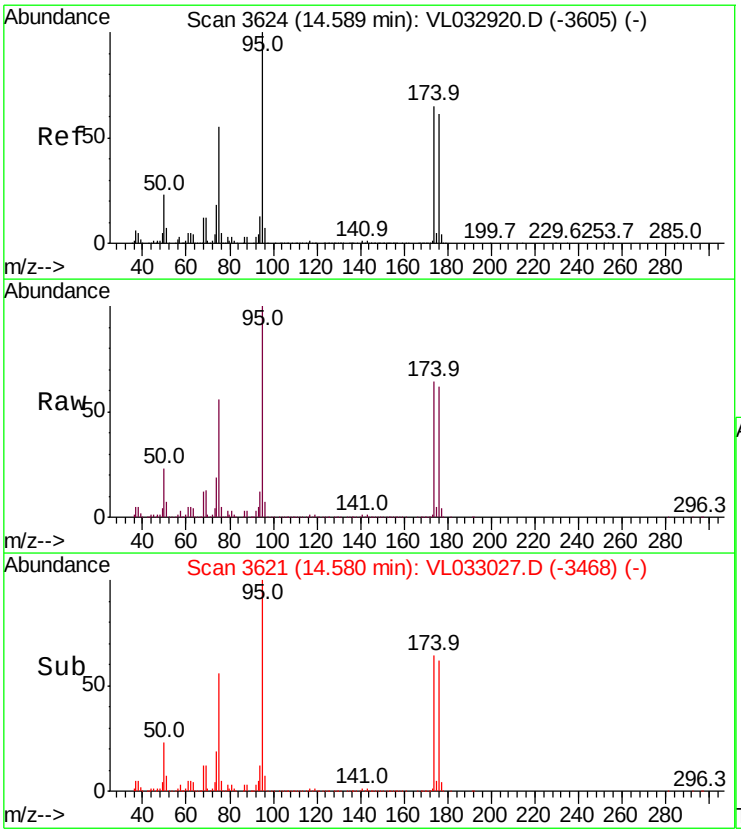
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL033027.D
Acq: 20 Dec 2018 16:06

Instrument :
MSVOA_L
ClientSampleId :
QC121318 CAN 10323

Tgt Ion:117 Resp: 1953512

Ion	Ratio	Lower	Upper
117	100		
82	63.5	47.8	71.8
119	32.7	43.1	64.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 13.757 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL033027.D
Acq: 20 Dec 2018 16:06

Tgt Ion: 95 Resp: 1985448

Ion	Ratio	Lower	Upper
95	100		
174	66.3	51.4	77.0
175	4.7	3.8	5.6