Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012720\
Data File : VL034565.D
Acq On : 27 Jan 2020 17:41
Operator : SY/AP
Sample : QC012020 CAN 10300
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC012020 CAN 10300

Quant Time: Jan 28 12:08:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL123019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 09 03:01:19 2020
QLast Update : Thu Jan 09 03:01:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	966117	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1952070	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1908484	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1601539	10.06	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.60%			
Target Compounds						Qvalue

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

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Misc : 400ml/MSVOA_L
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MSVOA_L
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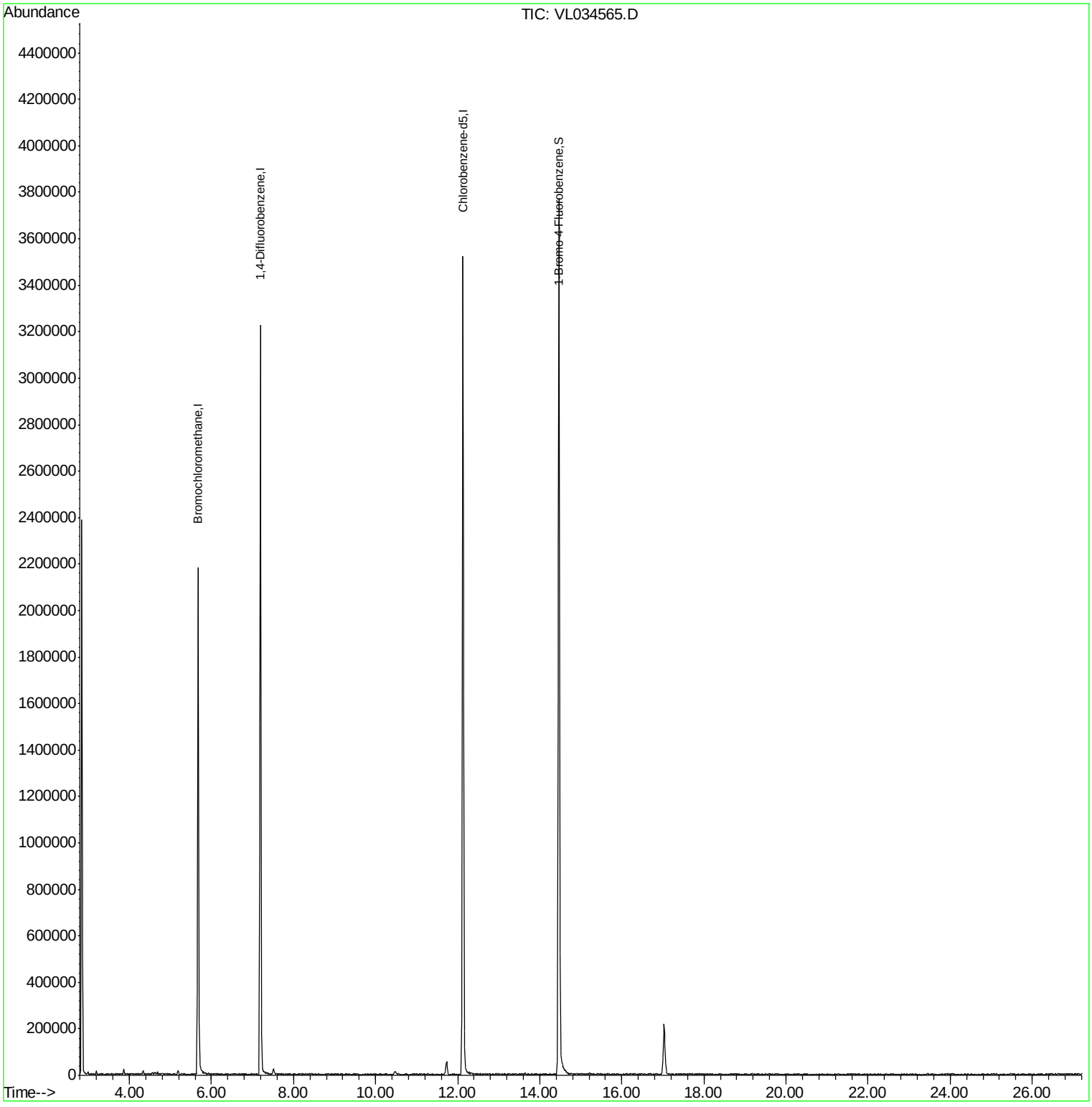
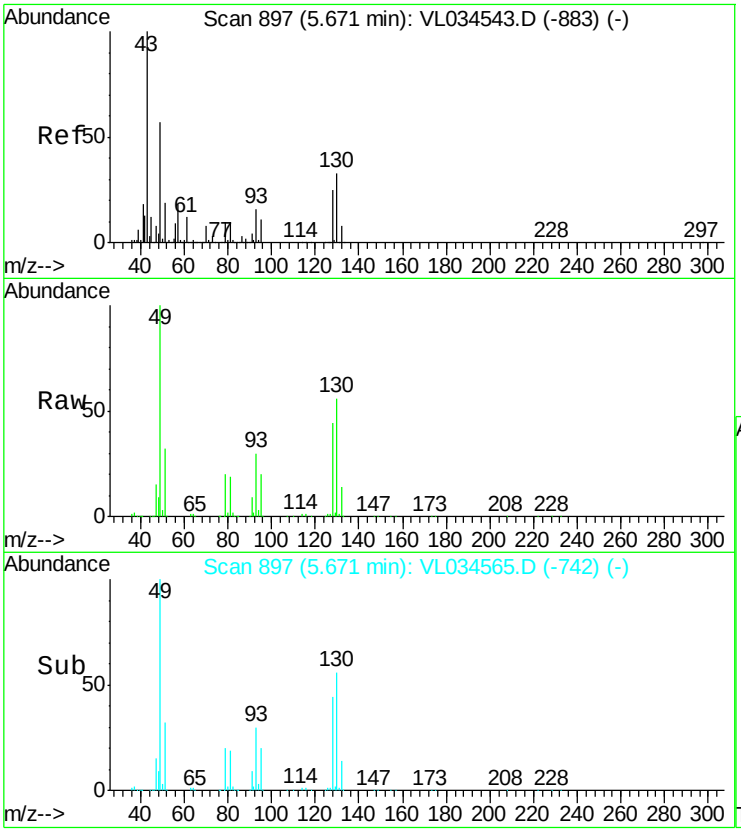


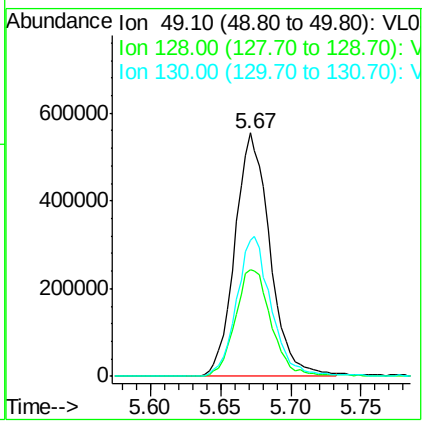


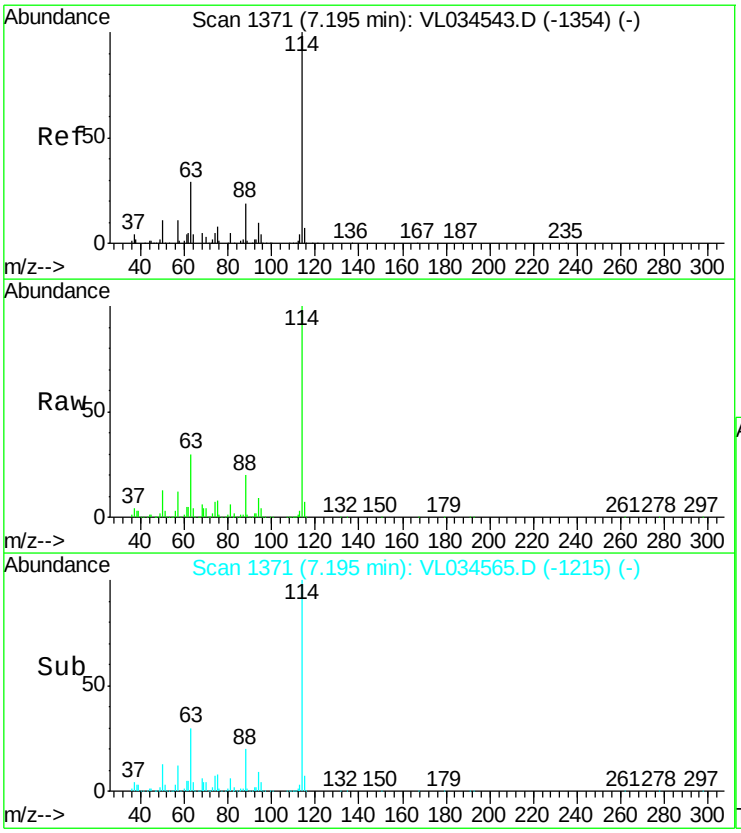
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL034565.D
Acq: 27 Jan 2020 17:41

Instrument :
MSVOA_L
ClientSampleId :
QC012020 CAN 10300

Tgt Ion: 49 Resp: 966117

Ion	Ratio	Lower	Upper
49	100		
128	45.2	22.4	67.2
130	57.0	28.3	85.0

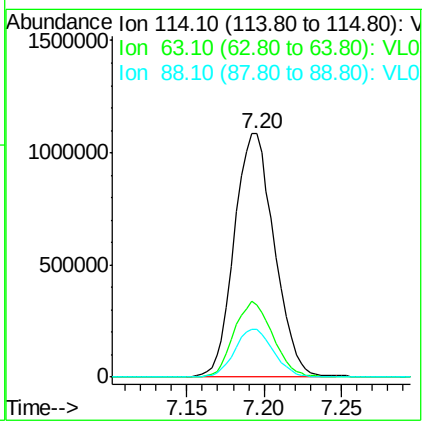


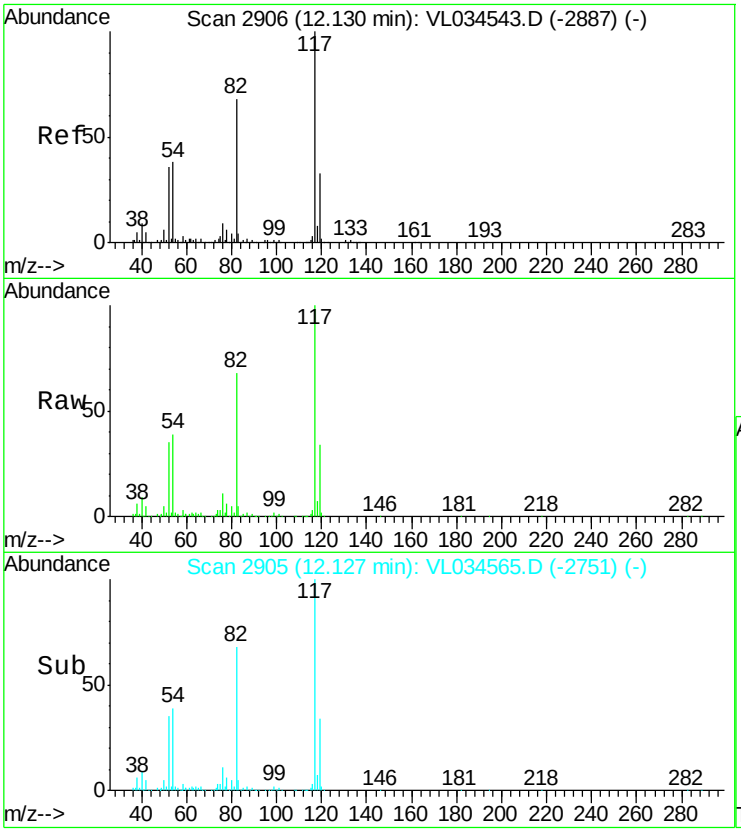


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1371
Delta R.T. 0.00 min
Lab File: VL034565.D
Acq: 27 Jan 2020 17:41

Tgt Ion:114 Resp: 1952070

Ion	Ratio	Lower	Upper
114	100		
63	30.2	24.1	36.1
88	19.2	15.7	23.5



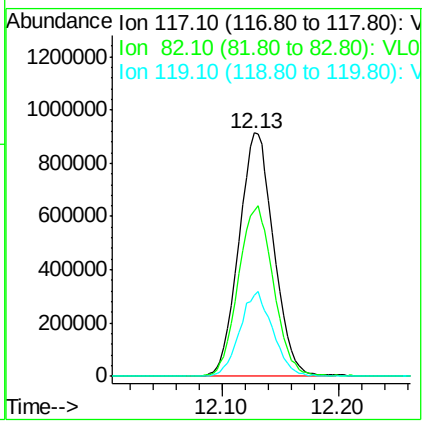


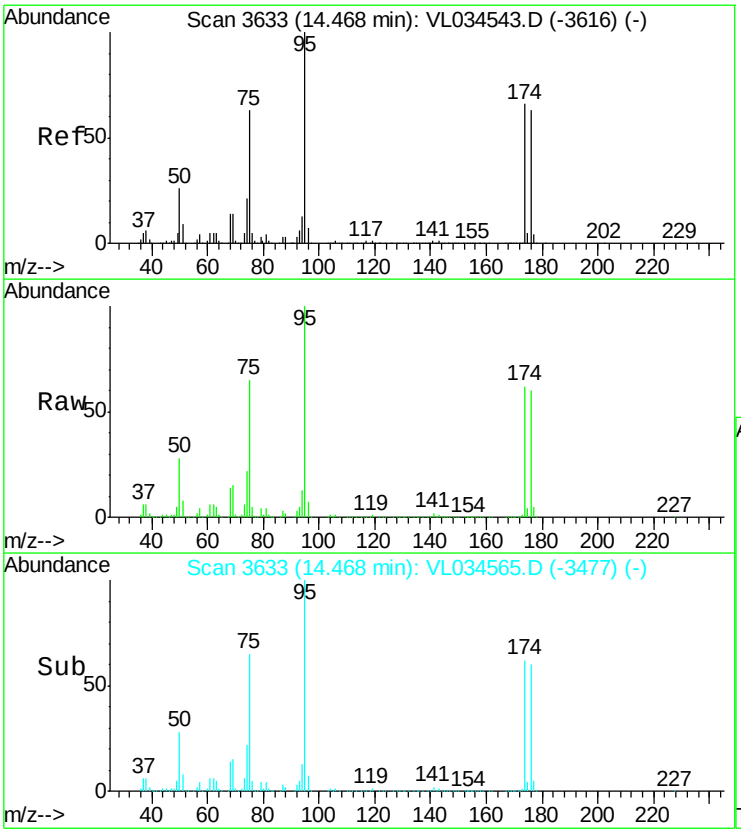
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VL034565.D
Acq: 27 Jan 2020 17:41

Instrument :
MSVOA_L
ClientSampleId :
QC012020 CAN 10300

Tgt Ion:117 Resp: 1908484

Ion	Ratio	Lower	Upper
117	100		
82	71.1	56.2	84.4
119	33.0	27.1	40.7





#68
1-Bromo-4-Fluorobenzene
Concen: 10.056 ppbv
RT: 14.47 min Scan# 3633
Delta R.T. 0.00 min
Lab File: VL034565.D
Acq: 27 Jan 2020 17:41

Tgt Ion: 95 Resp: 1601539

Ion	Ratio	Lower	Upper
95	100		
174	64.1	52.4	78.6
175	4.4	3.9	5.9