Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070219\
Data File : VL034000.D
Acq On : 3 Jul 2019 1:19
Operator : SY/AP
Sample : QC070119 CAN 10296
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC070119 CAN 10296

Quant Time: Jul 03 10:38:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 02 19:31:31 2019
QLast Update : Tue Jul 02 19:31:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	951142	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.26	114	2499052	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.20	117	2537859	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.54	95	1963422	9.07	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 90.70%			
Target Compounds						Qvalue

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

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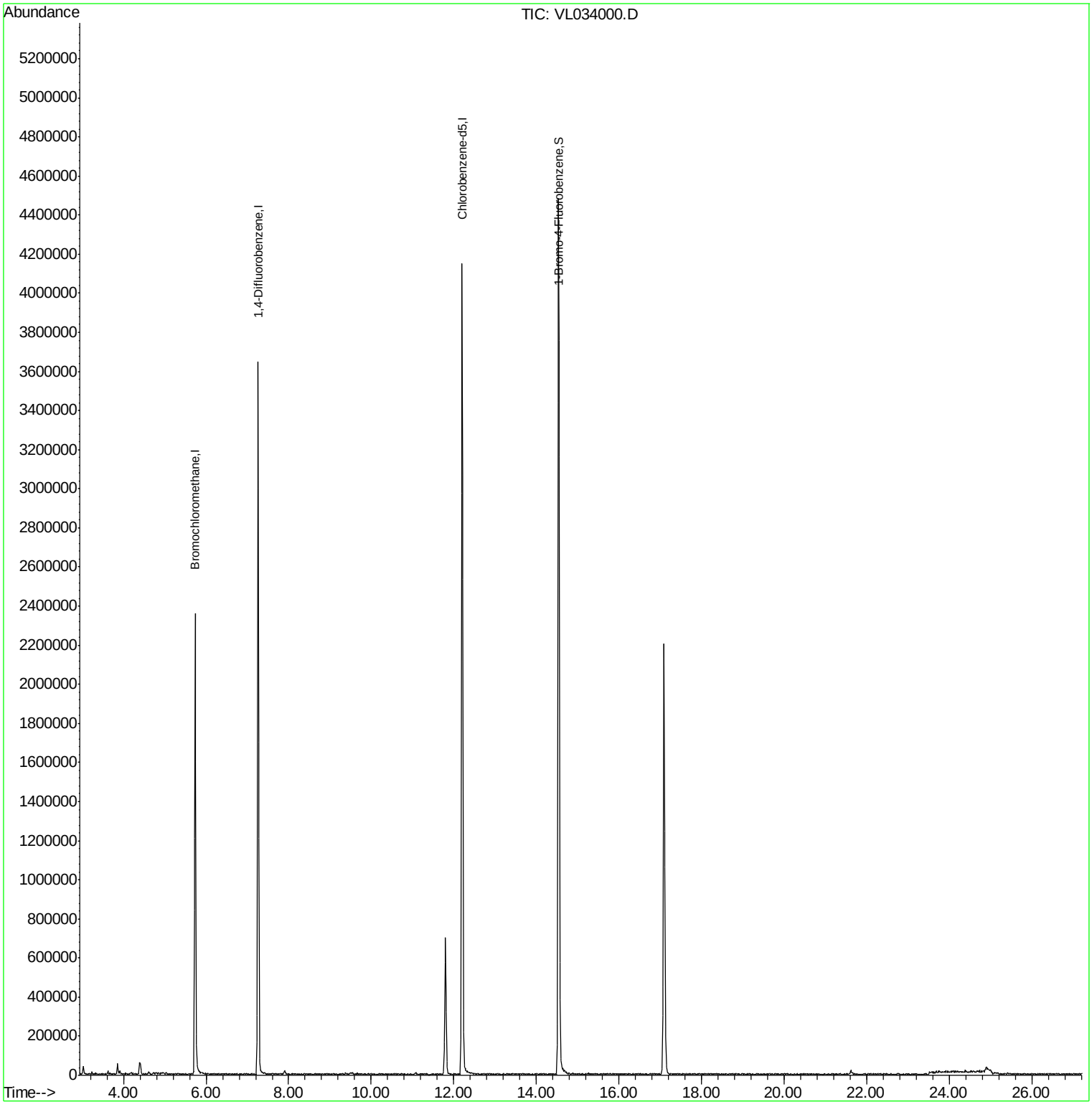
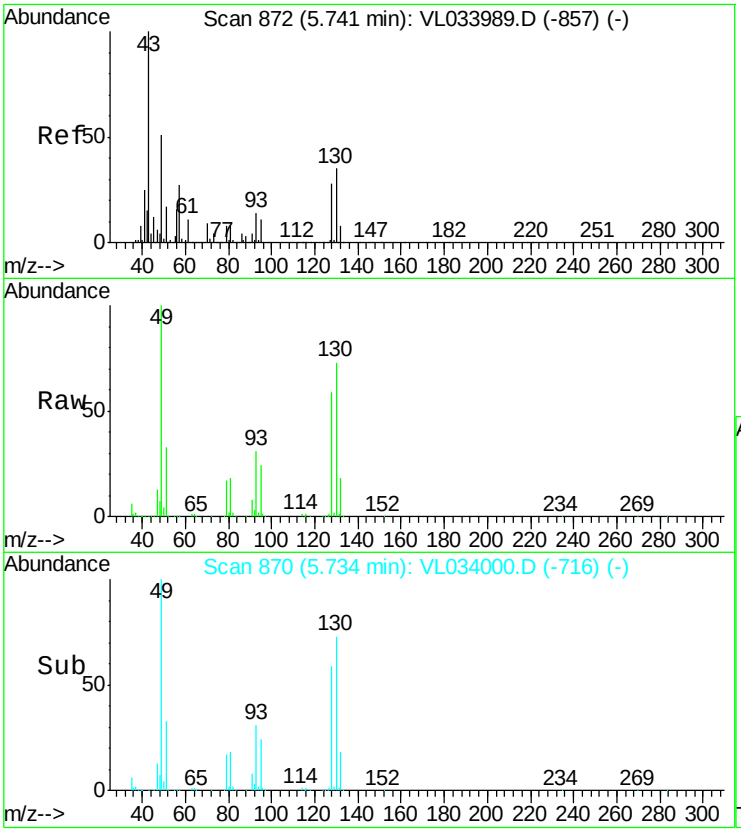


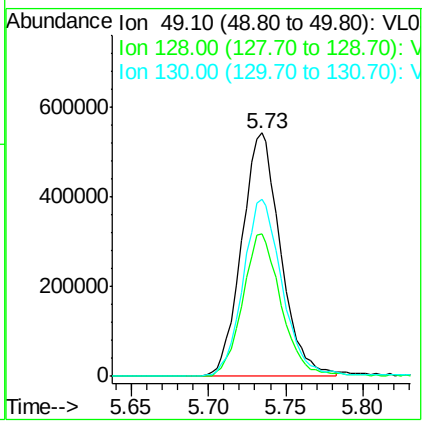


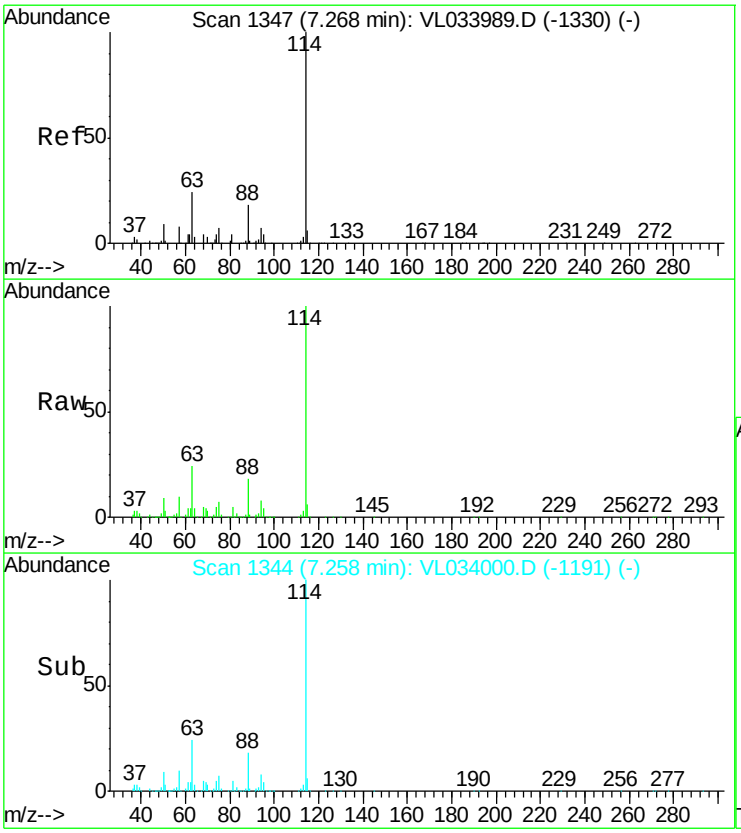
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.73 min Scan# 870
Delta R.T. -0.01 min
Lab File: VL034000.D
Acq: 3 Jul 2019 1:19

Instrument :
MSVOA_L
ClientSampleId :
QC070119 CAN 10296

Tgt Ion: 49 Resp: 951142

Ion	Ratio	Lower	Upper
49	100		
128	58.8	27.9	83.6
130	74.1	35.8	107.4

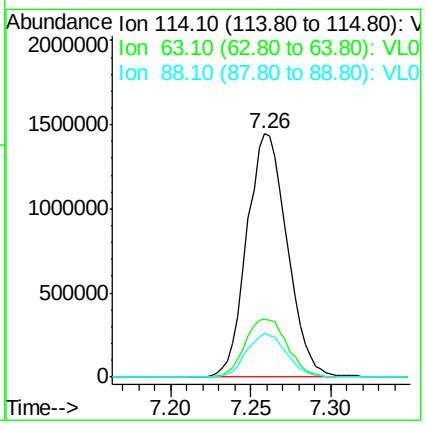


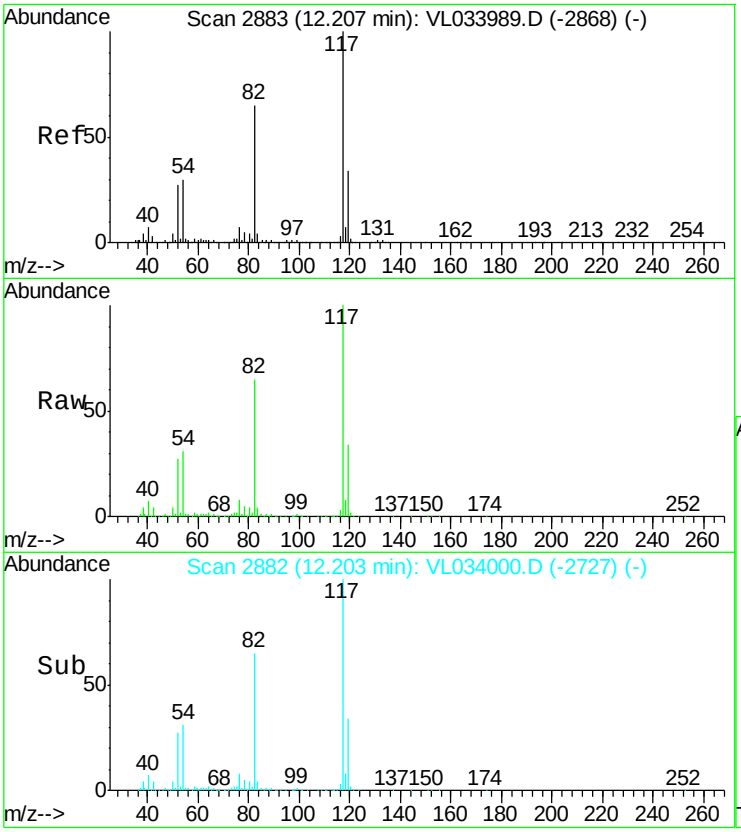


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.26 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VL034000.D
Acq: 3 Jul 2019 1:19

Tgt Ion:114 Resp: 2499052

Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.2	30.2
88	17.8	14.1	21.1



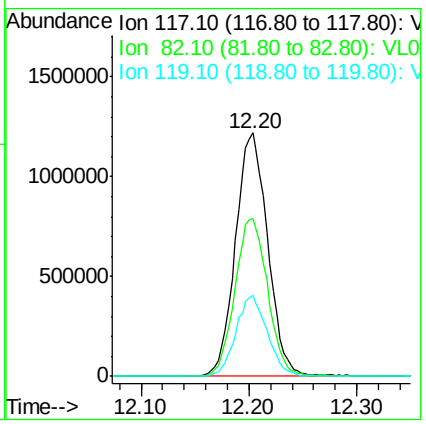


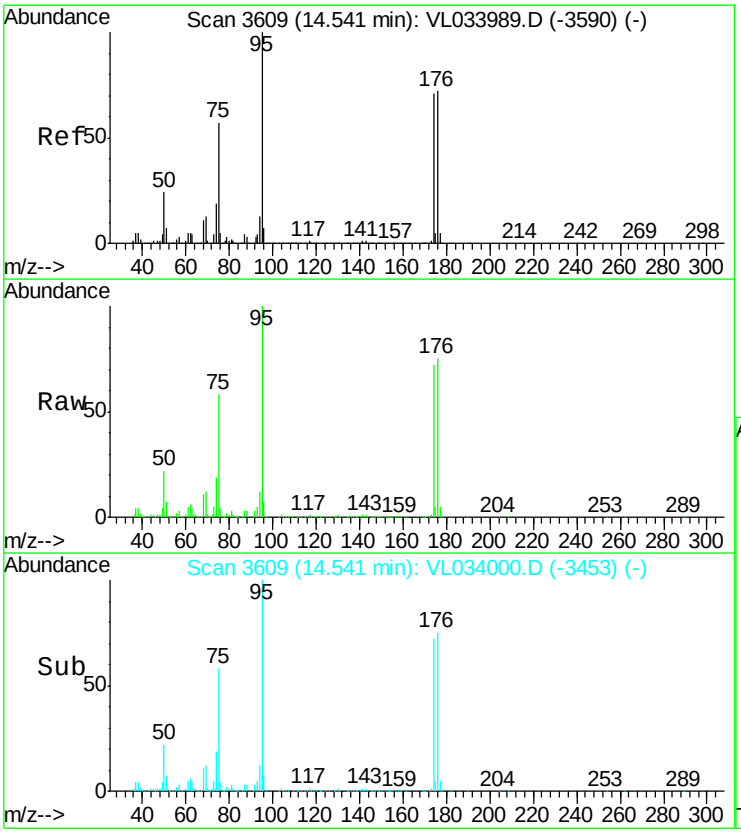
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.20 min Scan# 2882
Delta R.T. -0.00 min
Lab File: VL034000.D
Acq: 3 Jul 2019 1:19

Instrument :
MSVOA_L
ClientSampleId :
QC070119 CAN 10296

Tgt Ion:117 Resp: 2537859

Ion	Ratio	Lower	Upper
117	100		
82	66.2	50.8	76.2
119	32.5	24.0	36.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.071 ppbv
RT: 14.54 min Scan# 3609
Delta R.T. 0.00 min
Lab File: VL034000.D
Acq: 3 Jul 2019 1:19

Tgt Ion: 95 Resp: 1963422

Ion	Ratio	Lower	Upper
95	100		
174	73.2	60.5	90.7
175	5.3	4.0	6.0