Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062419\
Data File : VL033958.D
Acq On : 25 Jun 2019 5:14
Operator : SY/AP
Sample : QC061919 CAN 10305
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC061919 CAN 10305

Quant Time: Jun 25 21:48:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.74	49	797541	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.26	114	1903714	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	1827045	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.55	95	1493844	9.95	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.50%			
Target Compounds						Qvalue

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

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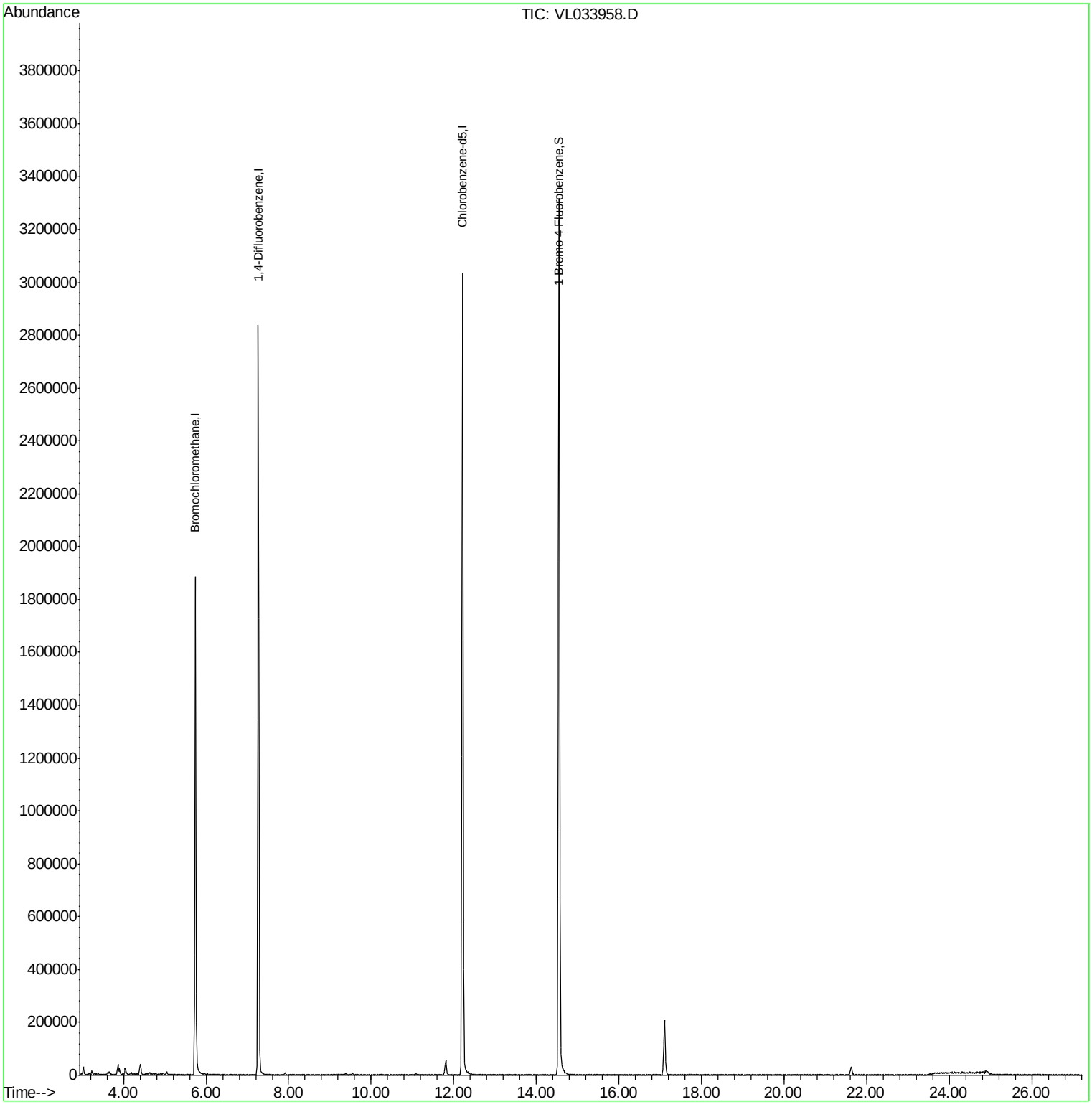
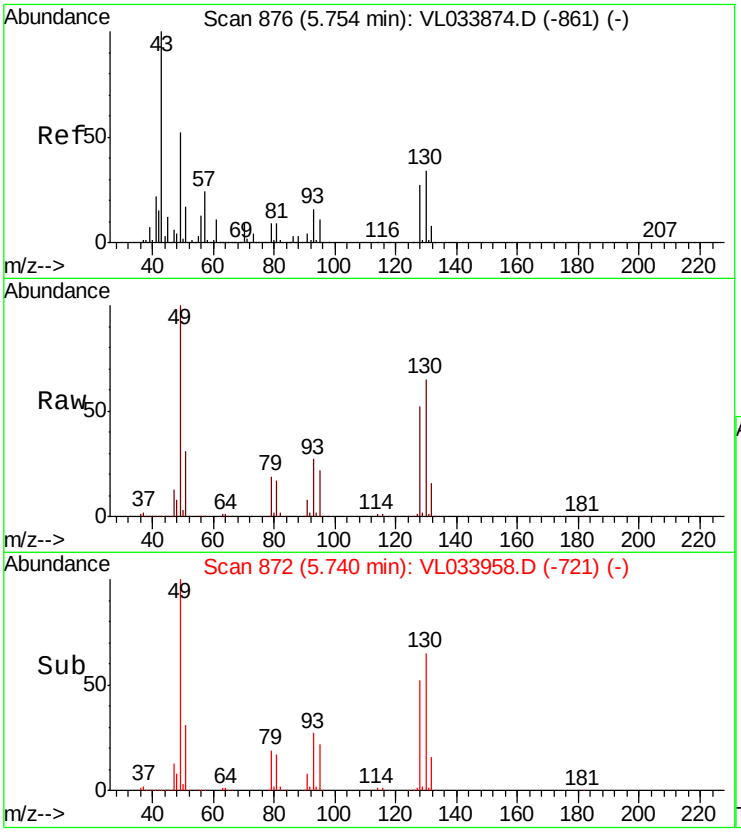


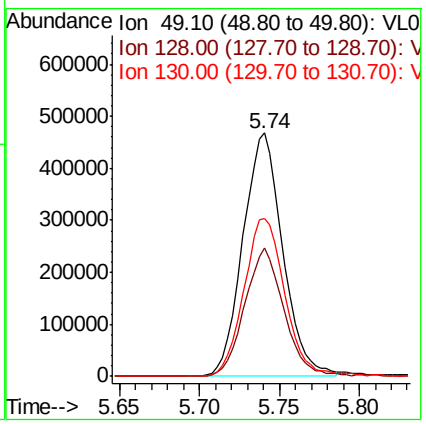


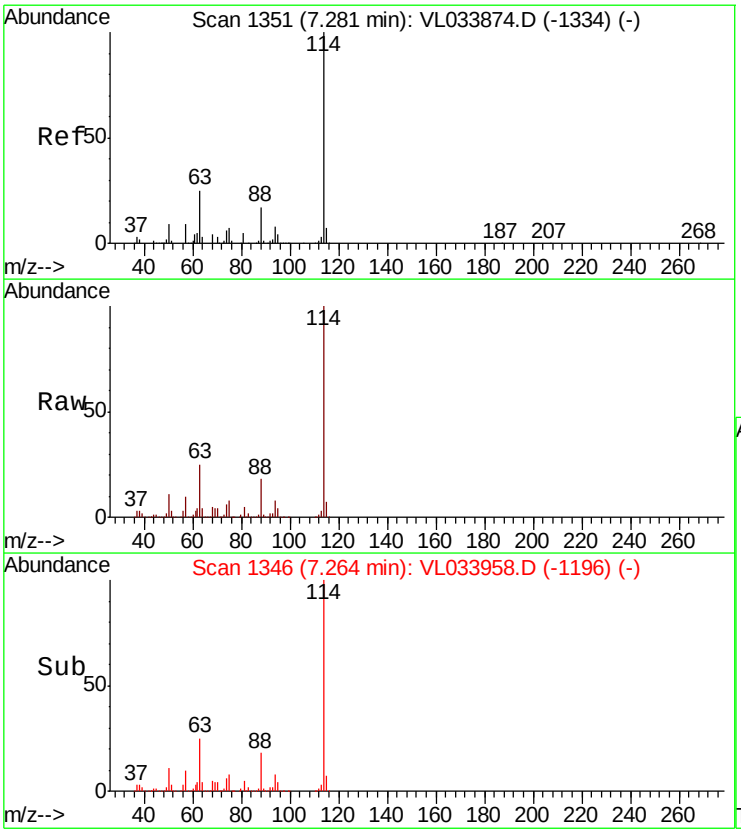
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.74 min Scan# 872
Delta R.T. -0.01 min
Lab File: VL033958.D
Acq: 25 Jun 2019 5:14

Instrument :
MSVOA_L
ClientSampleId :
QC061919 CAN 10305

Tgt Ion: 49 Resp: 797541

Ion	Ratio	Lower	Upper
49	100		
128	52.0	25.5	76.5
130	67.6	32.5	97.4

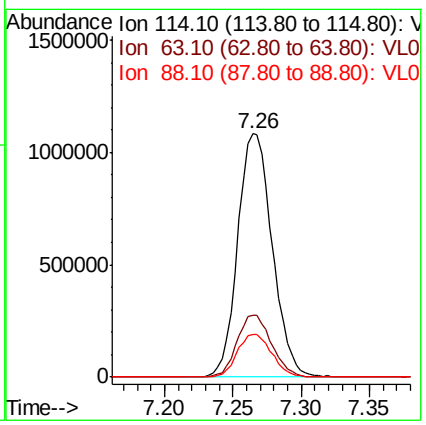


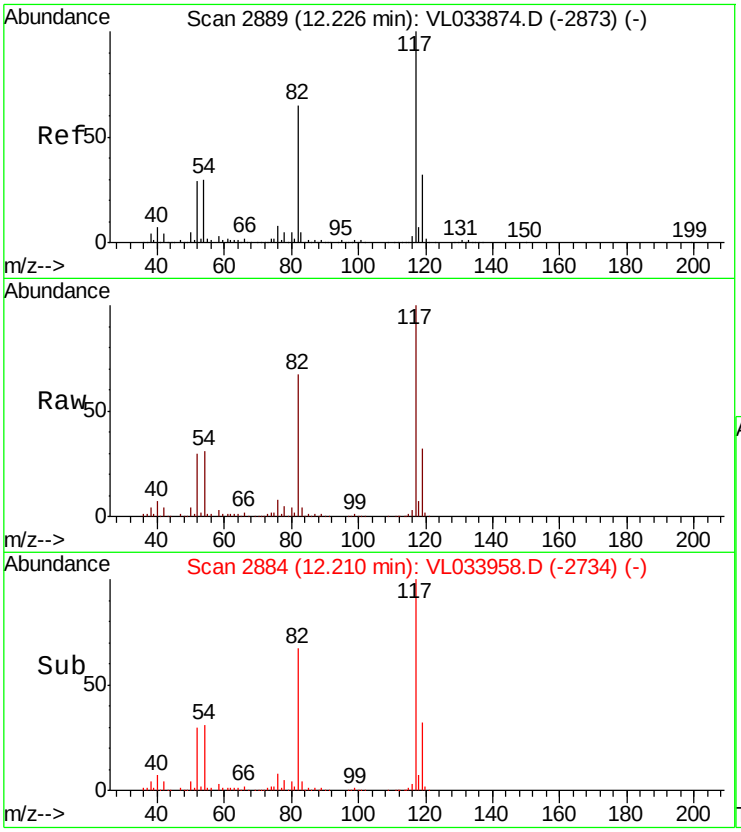


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.26 min Scan# 1346
Delta R.T. -0.02 min
Lab File: VL033958.D
Acq: 25 Jun 2019 5:14

Tgt Ion:114 Resp: 1903714

Ion	Ratio	Lower	Upper
114	100		
63	25.6	21.1	31.7
88	17.7	14.2	21.4



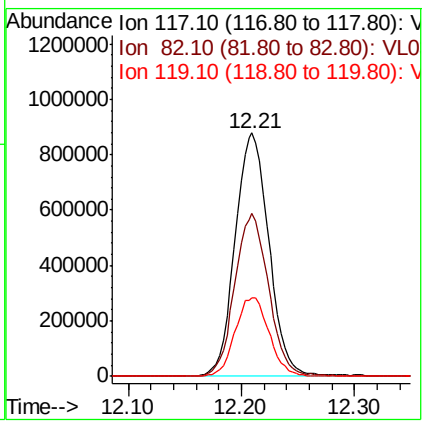


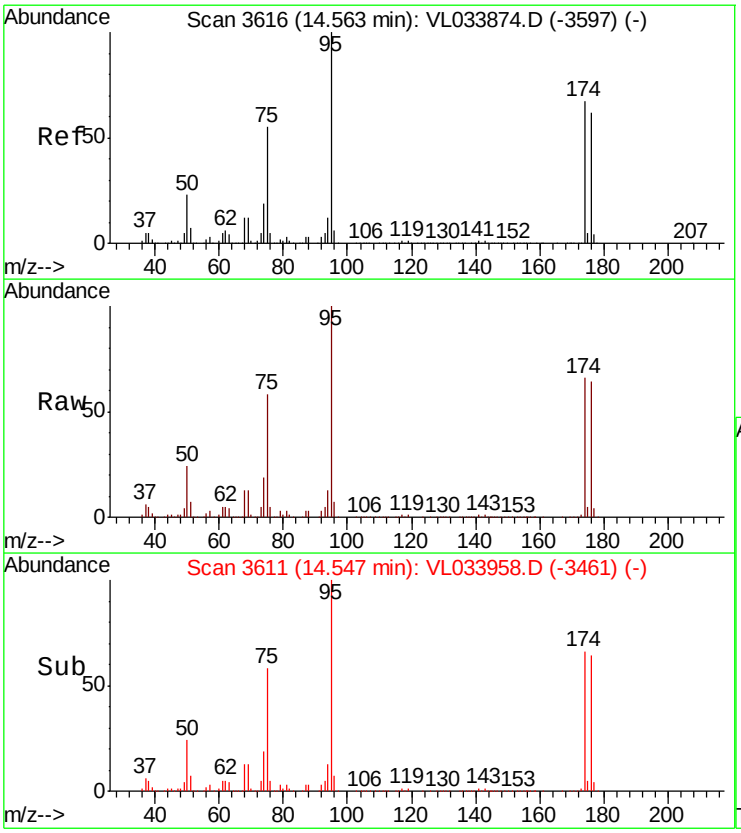
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.21 min Scan# 2884
Delta R.T. -0.02 min
Lab File: VL033958.D
Acq: 25 Jun 2019 5:14

Instrument :
MSVOA_L
ClientSampleId :
QC061919 CAN 10305

Tgt Ion:117 Resp: 1827045

Ion	Ratio	Lower	Upper
117	100		
82	67.3	50.2	75.2
119	33.0	24.8	37.2





#68
1-Bromo-4-Fluorobenzene
Concen: 9.954 ppbv
RT: 14.55 min Scan# 3611
Delta R.T. -0.02 min
Lab File: VL033958.D
Acq: 25 Jun 2019 5:14

Tgt Ion: 95 Resp: 1493844

Ion	Ratio	Lower	Upper
95	100		
174	67.2	54.0	81.0
175	4.8	3.8	5.8