Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060719\
Data File : VL033885.D
Acq On : 7 Jun 2019 12:10
Operator : SY/AP
Sample : QC060619 CAN 10655
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC060619 CAN 10655

Quant Time: Jun 09 21:49:33 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	5.75	49	890416	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	2027637	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	2093453	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.56	95	1708440	9.94	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.40%			
Target Compounds						Qvalue

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

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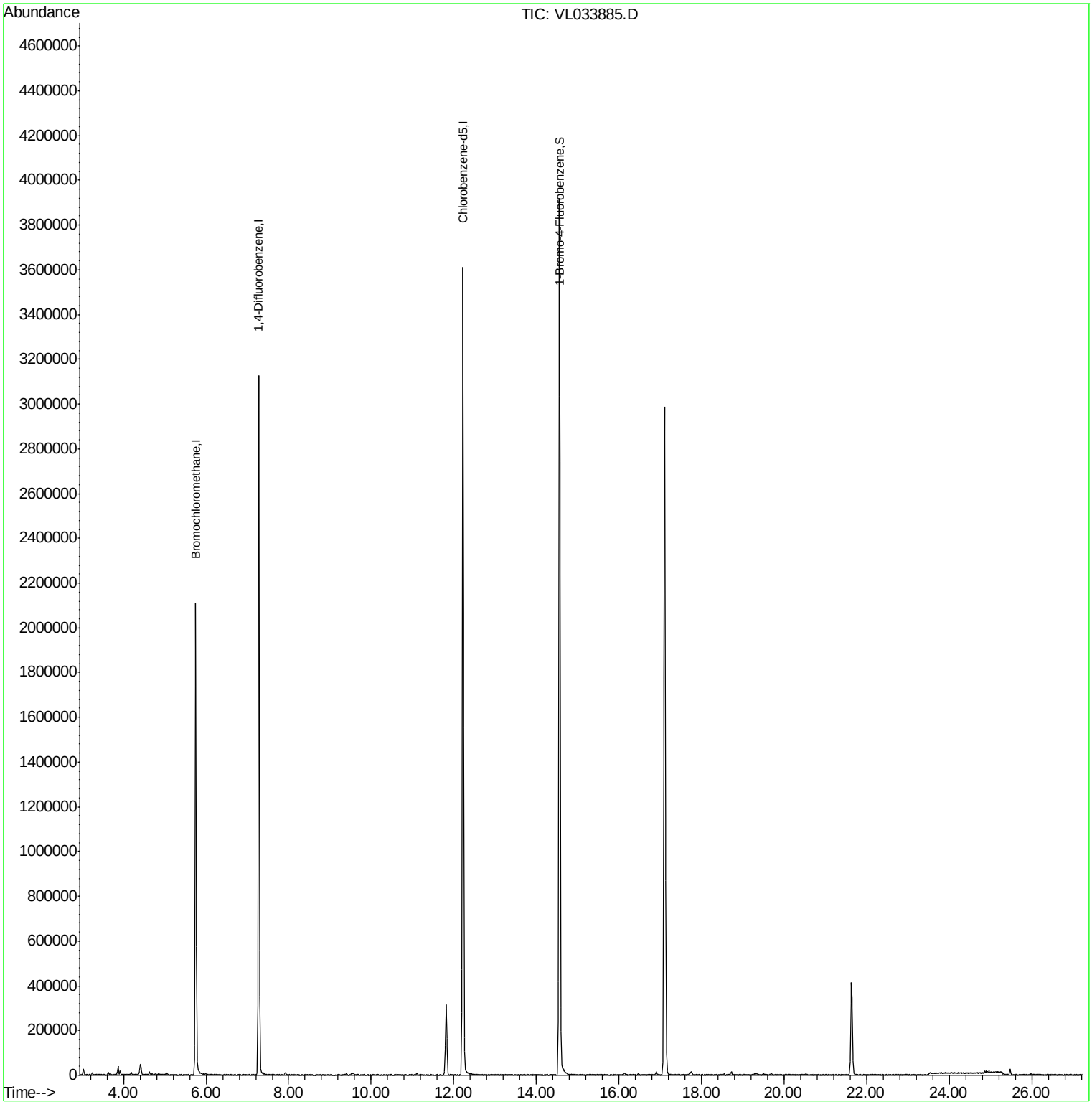
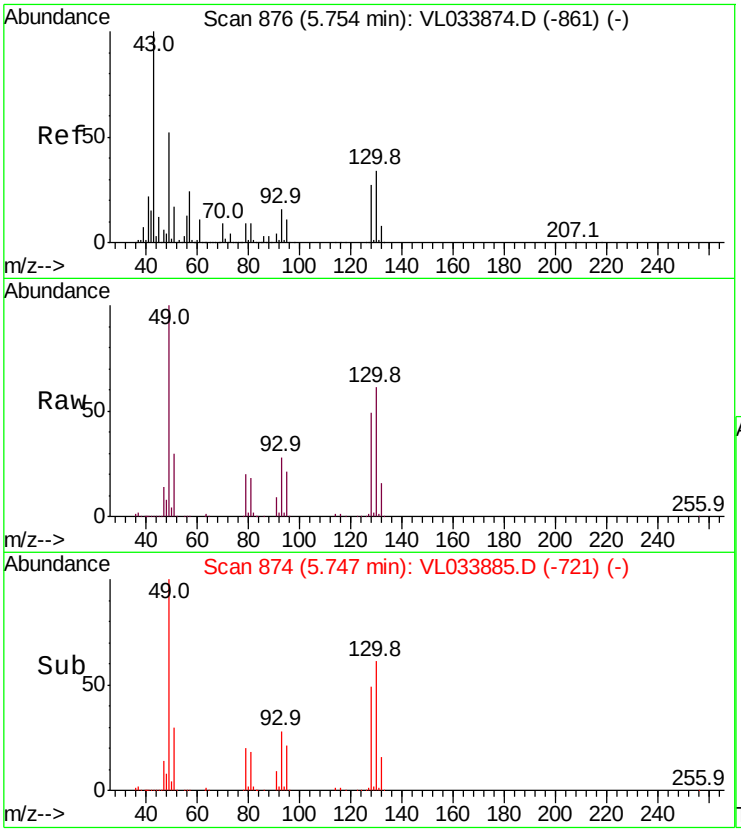


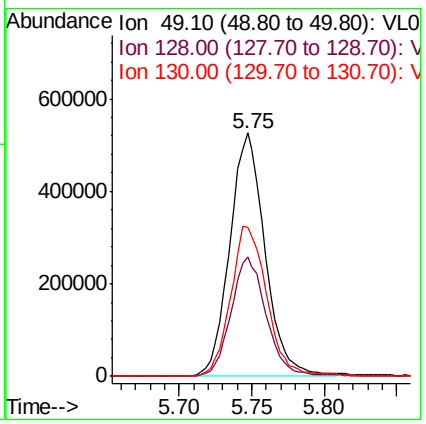


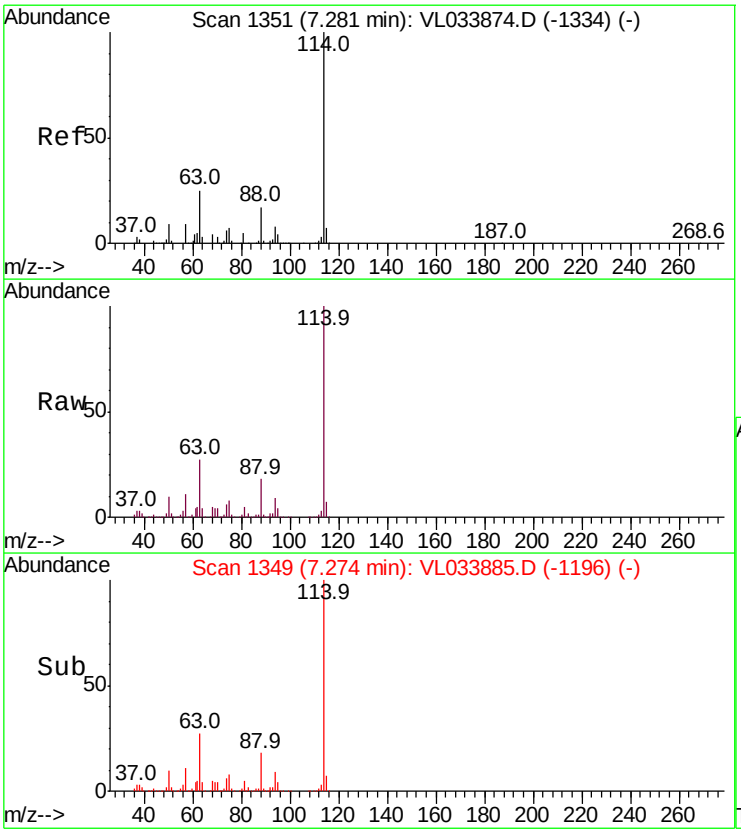
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 874
Delta R.T. -0.01 min
Lab File: VL033885.D
Acq: 7 Jun 2019 12:10

Instrument :
MSVOA_L
ClientSampleId :
QC060619 CAN 10655

Tgt Ion: 49 Resp: 890416

Ion	Ratio	Lower	Upper
49	100		
128	49.4	25.5	76.5
130	63.5	32.5	97.4

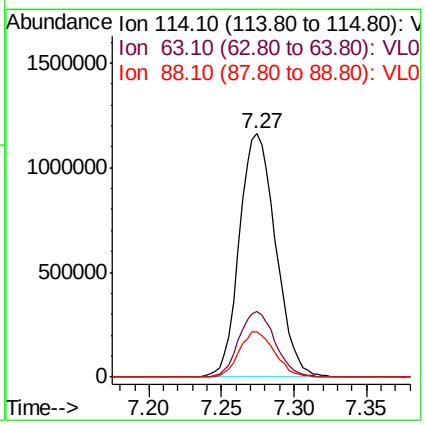


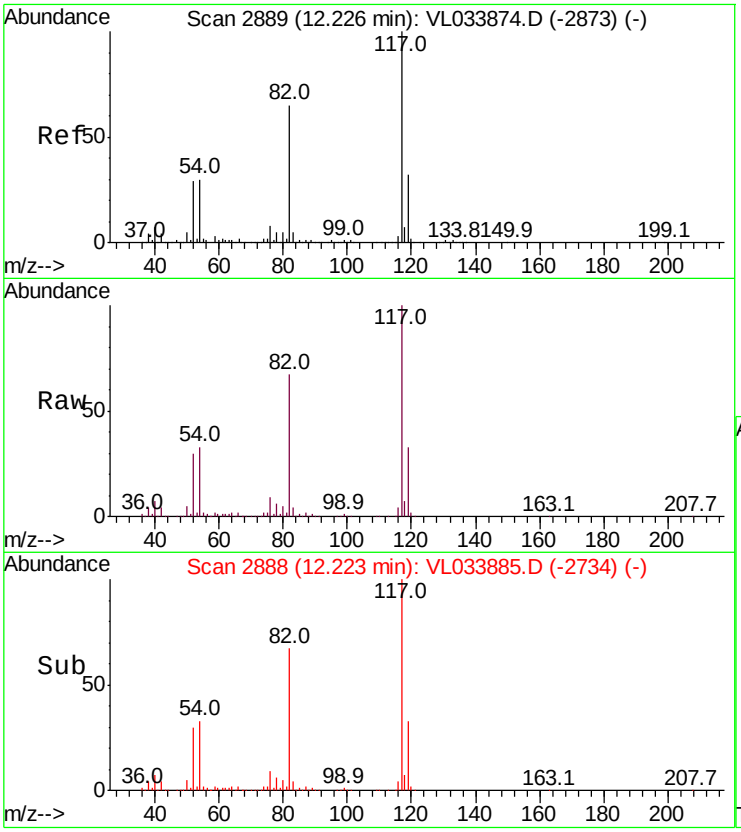


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.27 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VL033885.D
Acq: 7 Jun 2019 12:10

Tgt Ion:114 Resp: 2027637

Ion	Ratio	Lower	Upper
114	100		
63	26.9	21.1	31.7
88	18.3	14.2	21.4



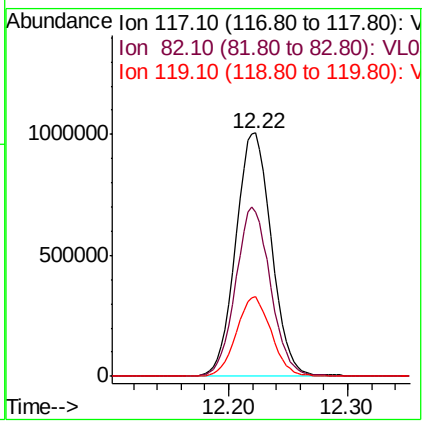


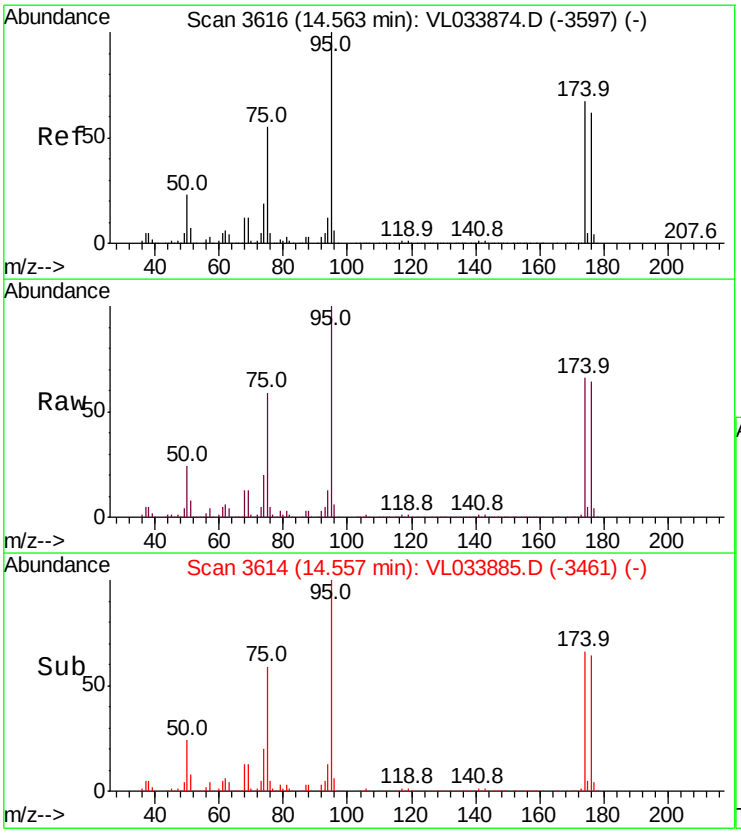
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.22 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL033885.D
Acq: 7 Jun 2019 12:10

Instrument :
MSVOA_L
ClientSampleId :
QC060619 CAN 10655

Tgt Ion:117 Resp: 2093453

Ion	Ratio	Lower	Upper
117	100		
82	68.5	50.2	75.2
119	31.9	24.8	37.2





#68
1-Bromo-4-Fluorobenzene
Concen: 9.935 ppbv
RT: 14.56 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL033885.D
Acq: 7 Jun 2019 12:10

Tgt Ion: 95 Resp: 1708440

Ion	Ratio	Lower	Upper
95	100		
174	65.3	54.0	81.0
175	4.6	3.8	5.8