Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070518\
Data File : VL032214.D
Acq On : 5 Jul 2018 22:04
Operator : SY/AP
Sample : QC062818 CAN 10197
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 06 11:33:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 2
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
QC062818 CAN 10197

Manual Integrations APPROVED
MMDadoda
7/9/2018 10:47:37 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1414969	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3712405	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.33	117	3732203	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	2904045	10.18	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.80%			
Target Compounds						Qvalue

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

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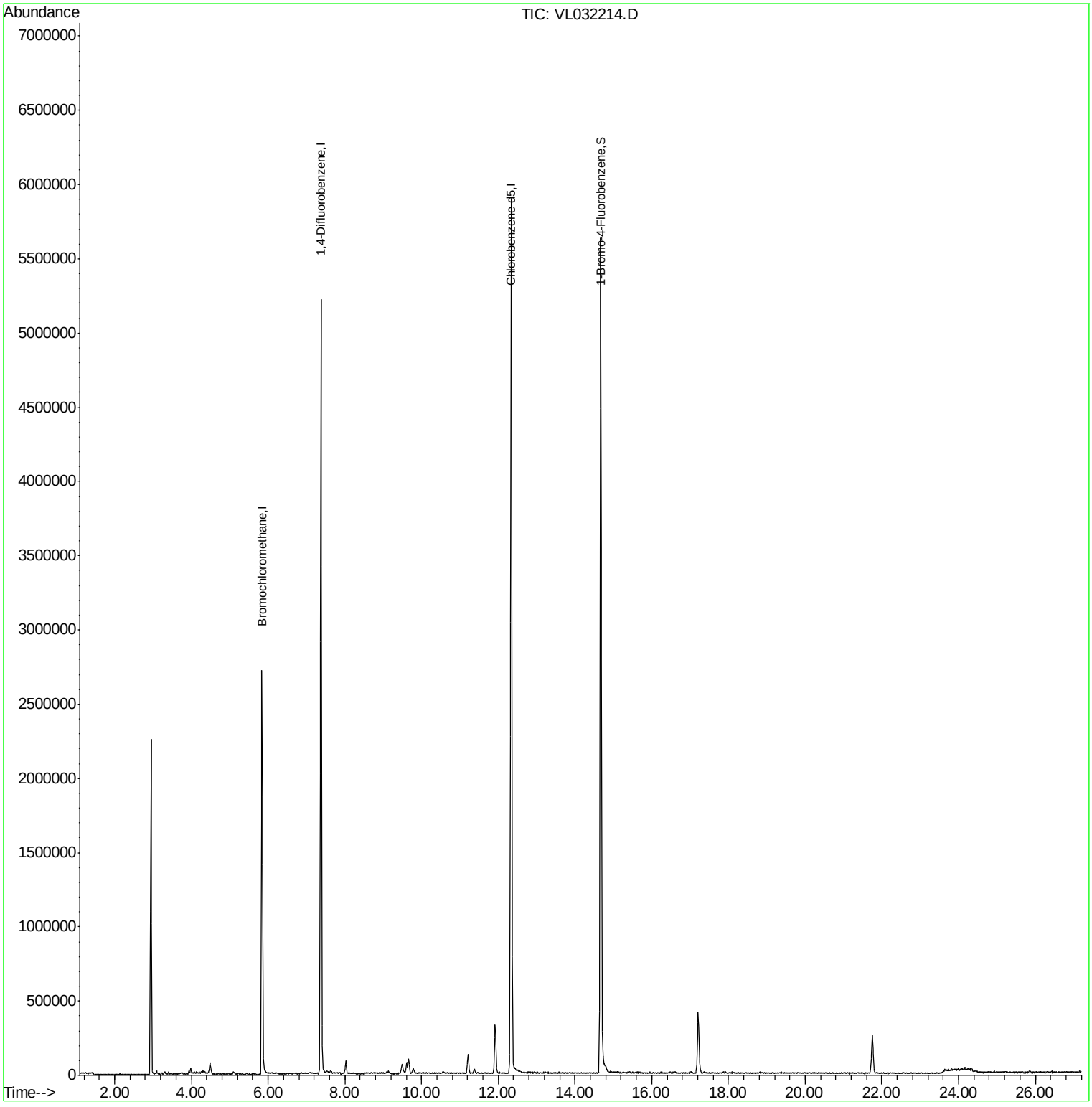
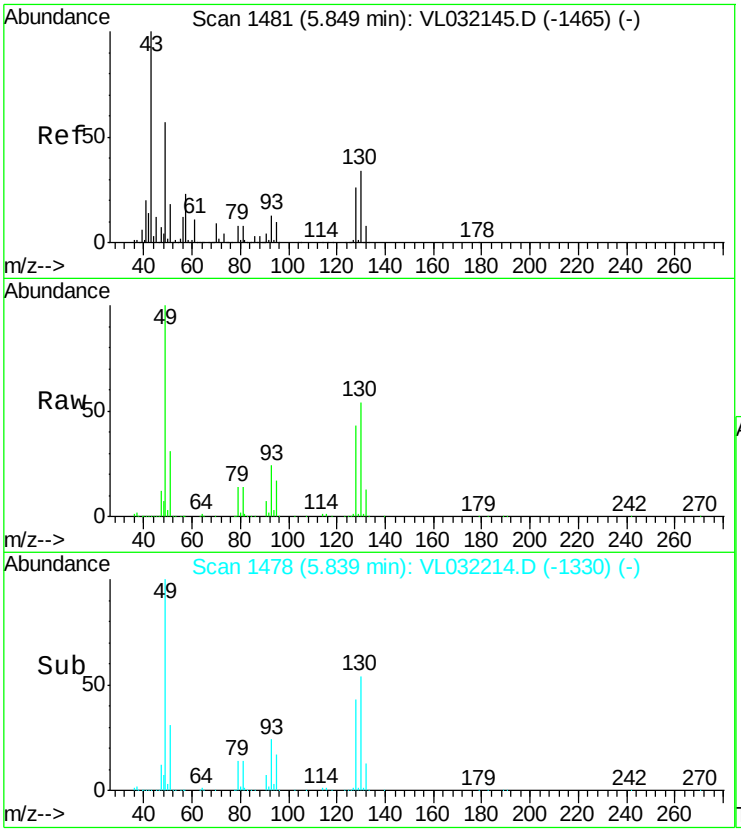
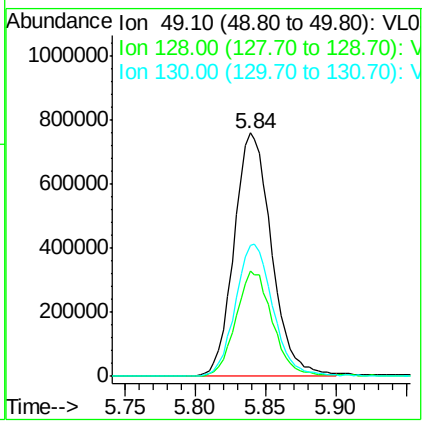




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.84 min Scan# 1478
Delta R.T. -0.02 min
Lab File: VL032214.D
Acq: 5 Jul 2018 22:04

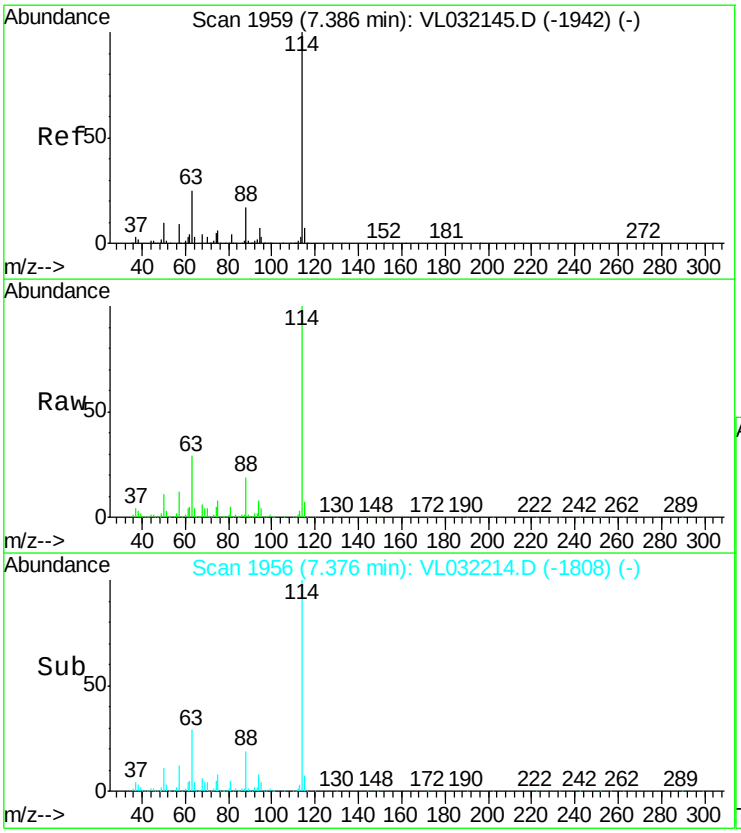
Tgt Ion: 49 Resp: 1414969

Ion	Ratio	Lower	Upper
49	100		
128	43.3	23.4	70.0
130	54.9	30.3	90.9



Instrument :
MSVOA_L
ClientSampleId :
QC062818 CAN 10197

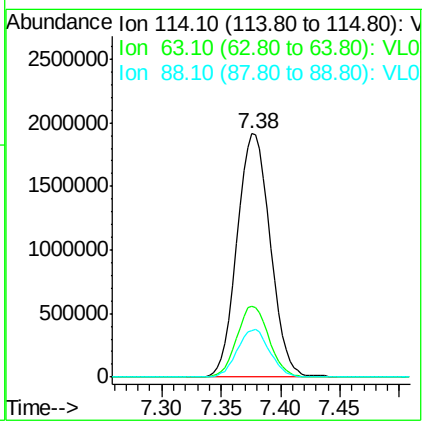
Manual Integrations APPROVED
MMDadoda
7/9/2018 10:47:37 AM

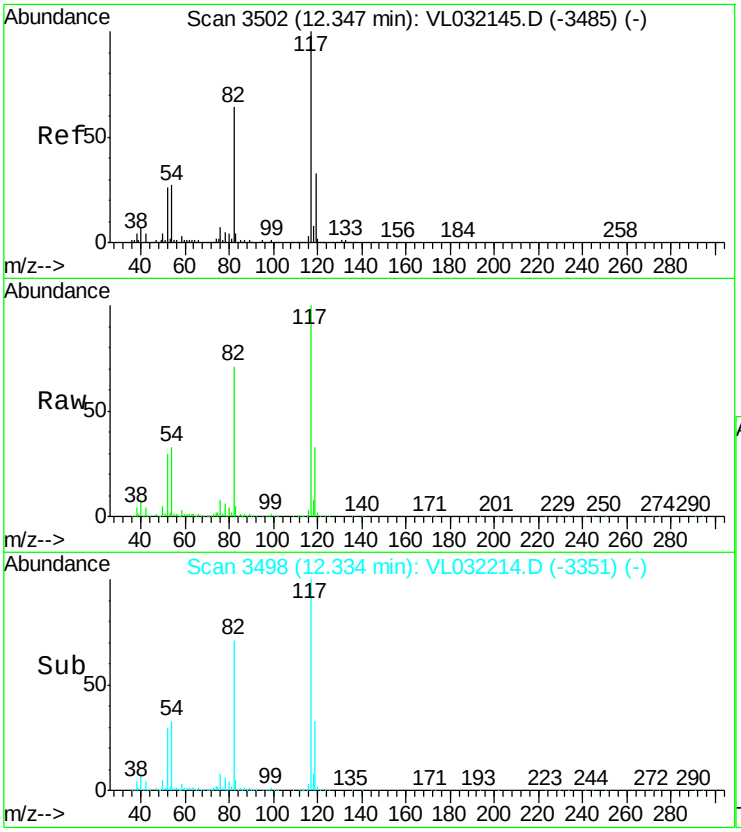


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.38 min Scan# 1956
Delta R.T. -0.02 min
Lab File: VL032214.D
Acq: 5 Jul 2018 22:04

Tgt Ion:114 Resp: 3712405

Ion	Ratio	Lower	Upper
114	100		
63	28.2	19.1	28.7
88	19.1	13.9	20.9





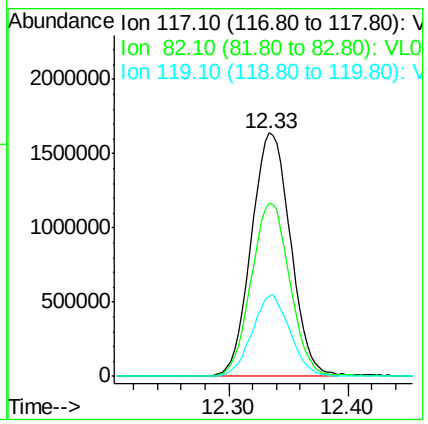
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.33 min Scan# 3498
Delta R.T. -0.03 min
Lab File: VL032214.D
Acq: 5 Jul 2018 22:04

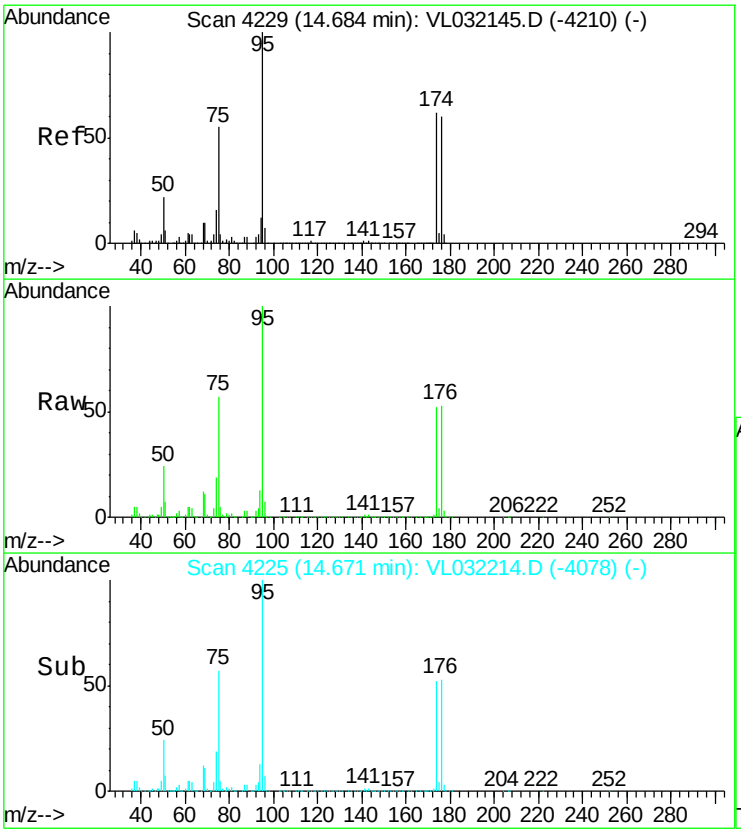
Tgt Ion:117 Resp: 3732203

Ion	Ratio	Lower	Upper
117	100		
82	71.2	47.8	71.8
119	32.6	43.3	64.9#

Instrument :
MSVOA_L
ClientSampleId :
QC062818 CAN 10197

Manual Integrations APPROVED
MMDadoda
7/9/2018 10:47:37 AM





#68
1-Bromo-4-Fluorobenzene
Concen: 10.18 ppbv
RT: 14.67 min Scan# 4225
Delta R.T. -0.03 min
Lab File: VL032214.D
Acq: 5 Jul 2018 22:04

Tgt Ion: 95 Resp: 2904045

Ion	Ratio	Lower	Upper
95	100		
174	56.6	52.1	78.1
175	4.2	4.0	6.0