Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071918\
Data File : VL032293.D
Acq On : 19 Jul 2018 18:14
Operator : SY/AP
Sample : QC070918 CAN 10656
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 20 13:51:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 1
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
QC070918 CAN 10656

Manual Integrations APPROVED
MMDadoda
7/20/2018 2:06:14 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1587309	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3237469	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	3862001	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	3027146	9.67	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.70%			
Target Compounds						Qvalue

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

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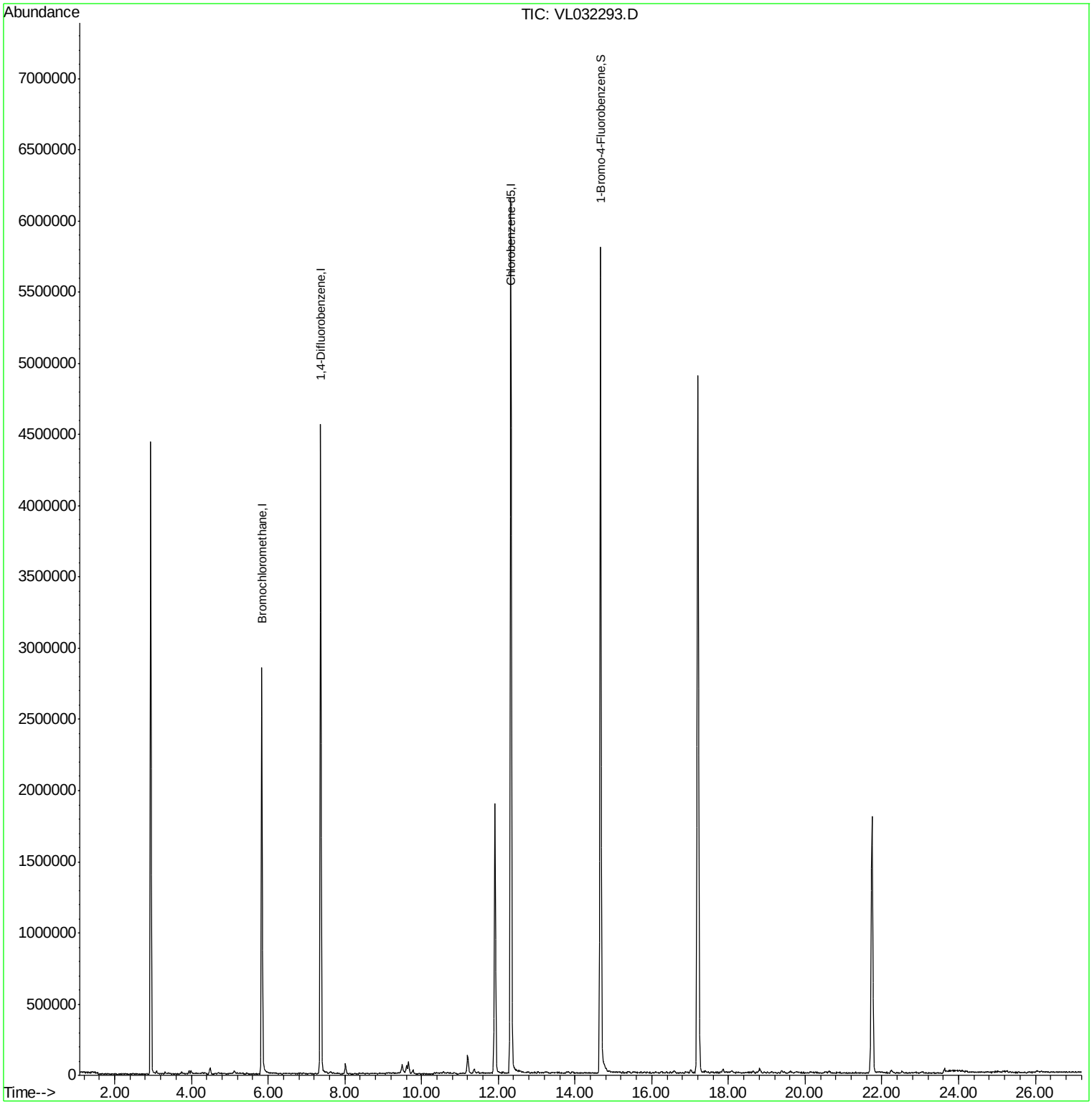
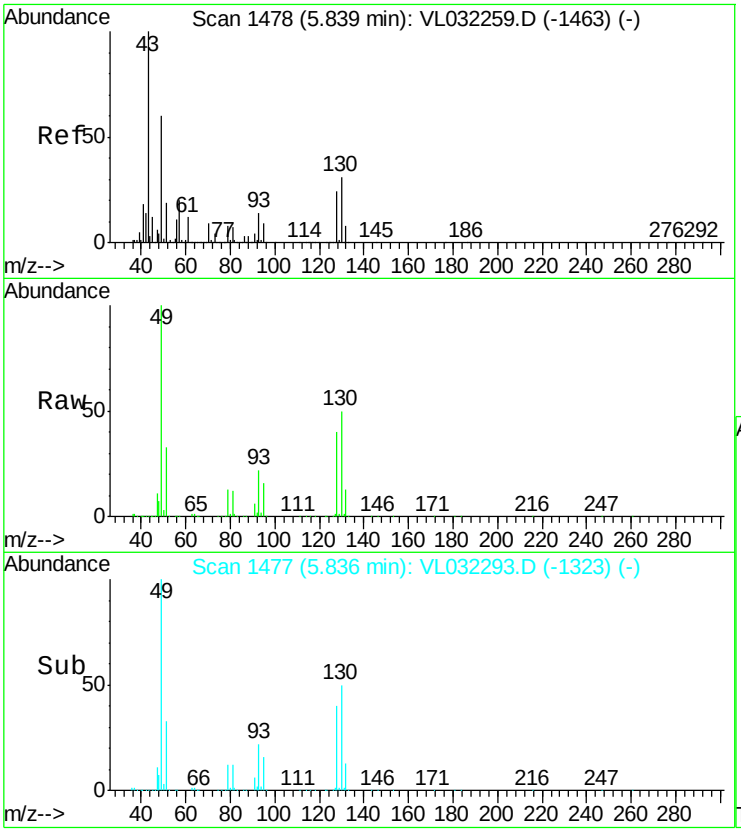
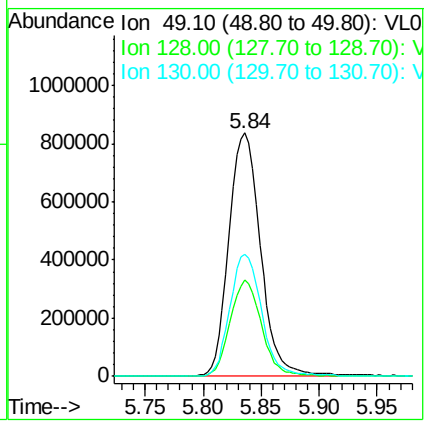




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.84 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VL032293.D
Acq: 19 Jul 2018 18:14

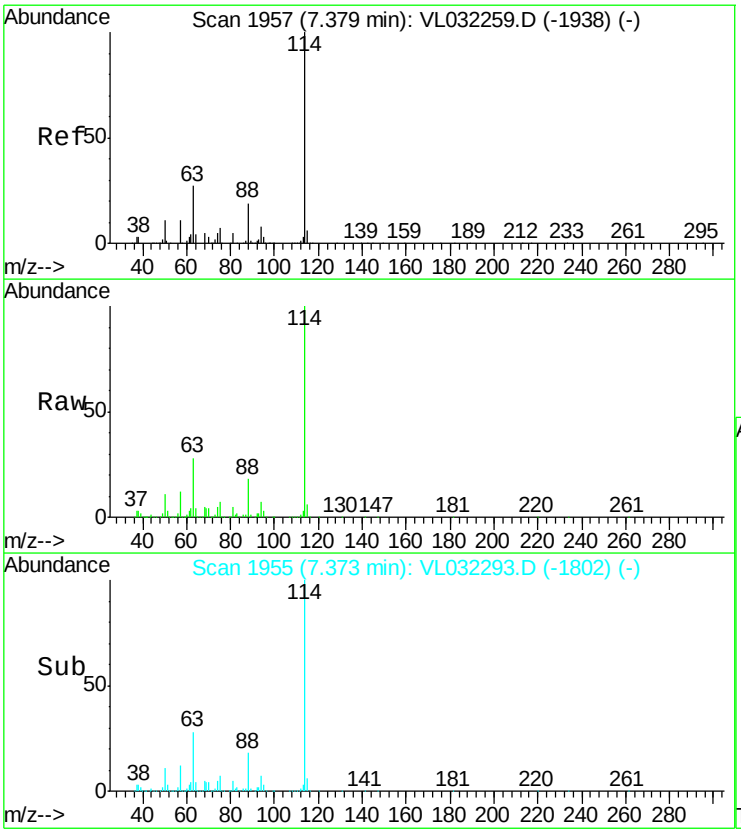
Tgt Ion: 49 Resp: 1587309

Ion	Ratio	Lower	Upper
49	100		
128	39.3	20.1	60.2
130	50.7	25.9	77.6



Instrument :
MSVOA_L
ClientSampleId :
QC070918 CAN 10656

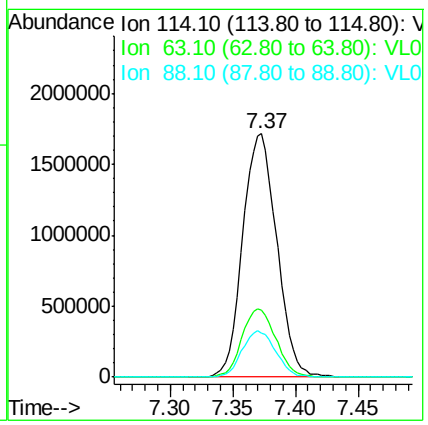
Manual Integrations APPROVED
MMDadoda
7/20/2018 2:06:14 PM

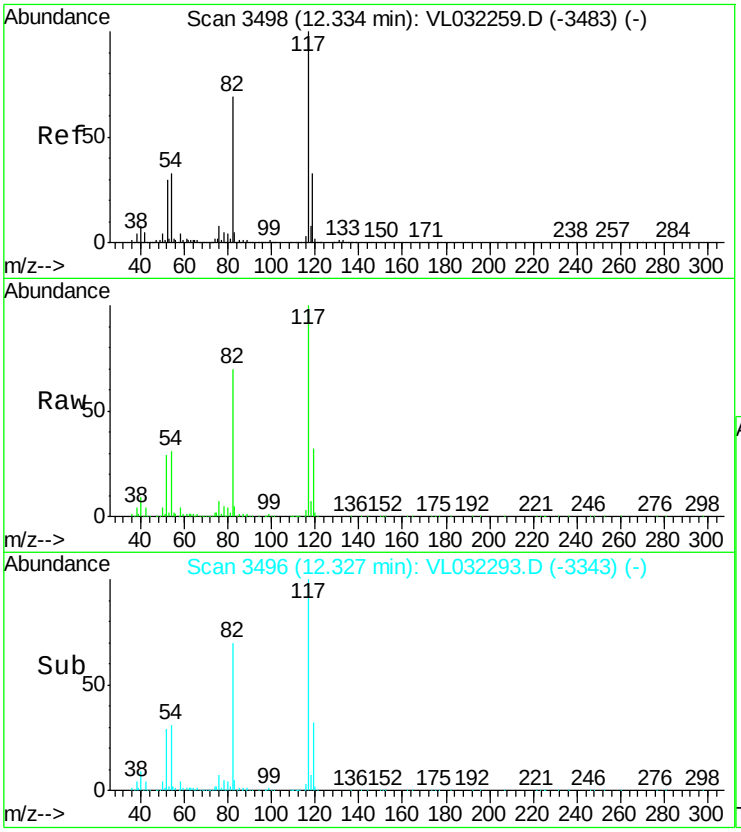


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.37 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VL032293.D
Acq: 19 Jul 2018 18:14

Tgt Ion:114 Resp: 3237469

Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.6	33.8
88	18.9	15.2	22.8

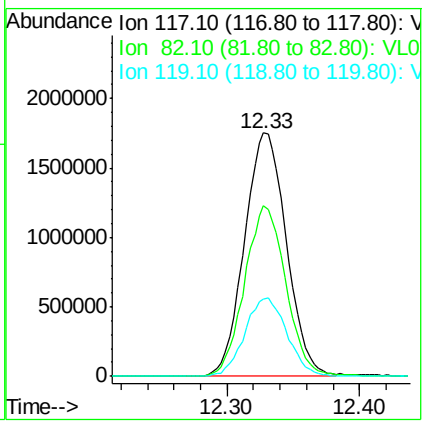




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.33 min Scan# 3496
Delta R.T. -0.01 min
Lab File: VL032293.D
Acq: 19 Jul 2018 18:14

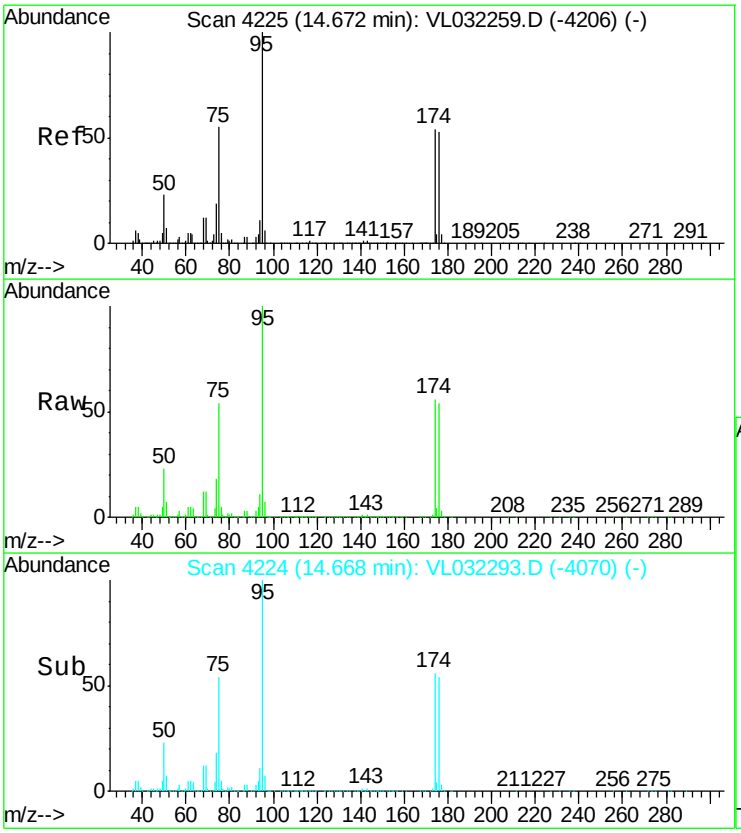
Tgt Ion:117 Resp: 3862001

Ion	Ratio	Lower	Upper
117	100		
82	69.4	53.9	80.9
119	32.6	25.5	38.3



Instrument :
MSVOA_L
ClientSampleId :
QC070918 CAN 10656

Manual Integrations APPROVED
MMDadoda
7/20/2018 2:06:14 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 9.67 ppbv
RT: 14.67 min Scan# 4224
Delta R.T. -0.00 min
Lab File: VL032293.D
Acq: 19 Jul 2018 18:14

Tgt Ion: 95 Resp: 3027146

Ion	Ratio	Lower	Upper
95	100		
174	56.1	44.3	66.5
175	4.0	3.3	4.9