

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070218\
 Data File : VL032179.D
 Acq On : 2 Jul 2018 13:08
 Operator : SY/AP
 Sample : QC061318 CAN 10160
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061318 CAN 10160

Manual Integrations
 APPROVED

MMDadoda
 7/3/2018 5:17:05 PM

Quant Time: Jul 03 15:10:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Jun 29 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1633954	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3923014	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3522195	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2745143	10.20	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds	Ovalue

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

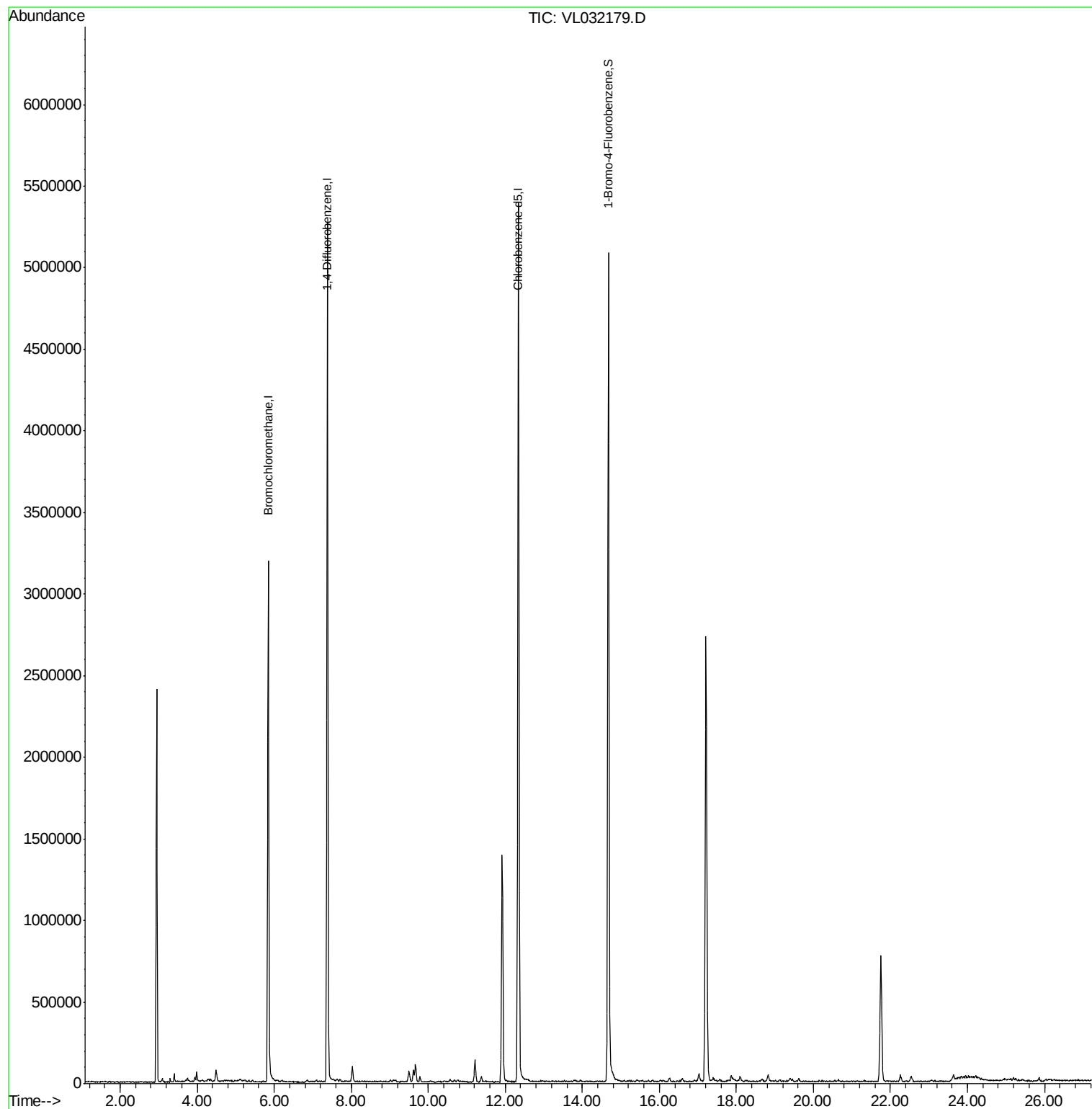
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL070218\
Data File : VL032179.D
Acq On : 2 Jul 2018 13:08
Operator : SY/AP
Sample : OC061318 CAN 10160
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

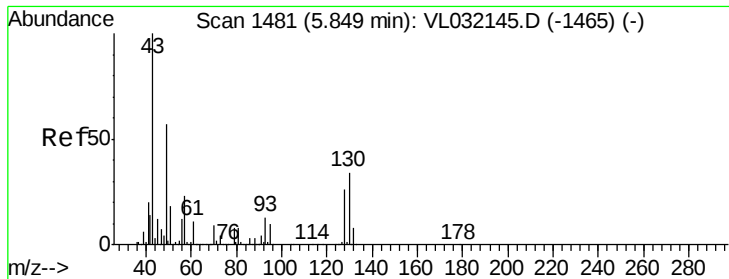
Instrument :
MSVOA_L
ClientSampleId :
QC061318 CAN 10160

Manual Integrations
APPROVED

MMDadoda
7/3/2018 5:17:05 PM

Quant Time: Jul 03 15:10:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.84 min Scan# 1479

Delta R.T. -0.02 min

Lab File: VL032179.D

Acq: 2 Jul 2018 13:08

Instrument :

MSVOA_L

ClientSampleId :

QC061318 CAN 10160

Tot Ion: 49 Resp: 1633954

Ion Ratio Lower Upper

49 100

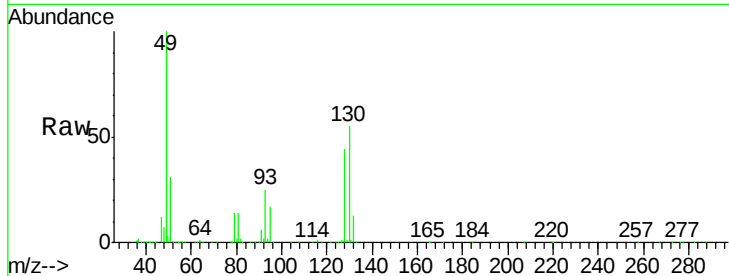
128 45.9 23.4 70.0

130 59.0 30.3 90.9

Manual Integrations
APPROVED

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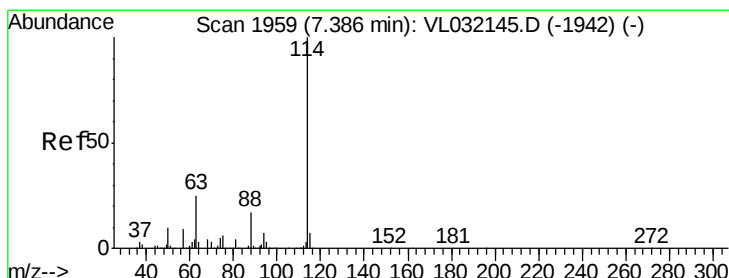
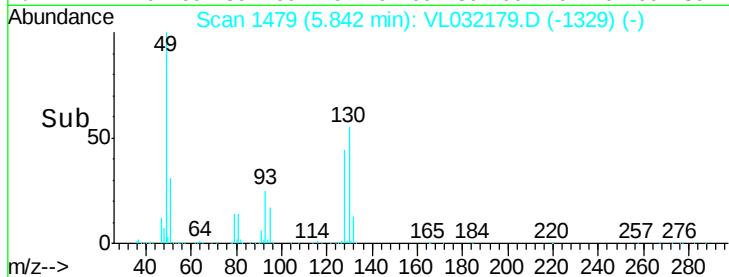
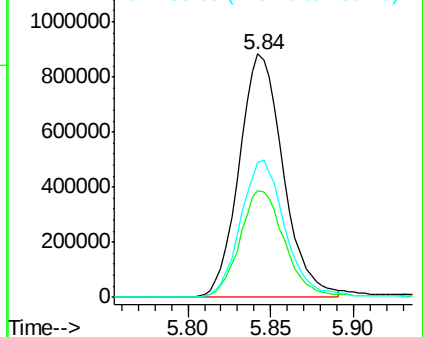
7/3/2018 5:17:05 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.38 min Scan# 1957

Delta R.T. -0.02 min

Lab File: VL032179.D

Acq: 2 Jul 2018 13:08

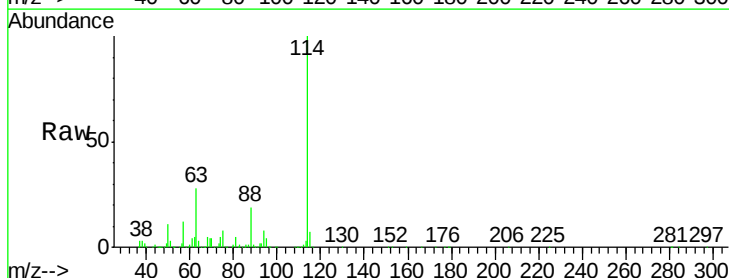
Tgt Ion: 114 Resp: 3923014

Ion Ratio Lower Upper

114 100

63 26.9 19.1 28.7

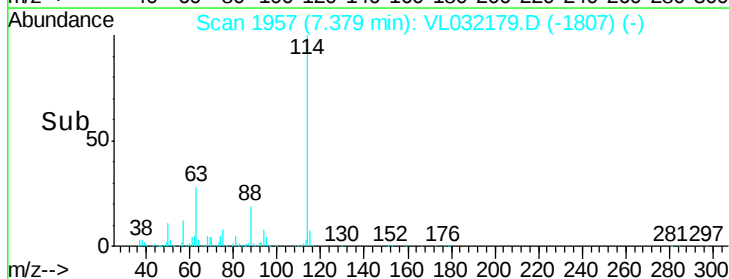
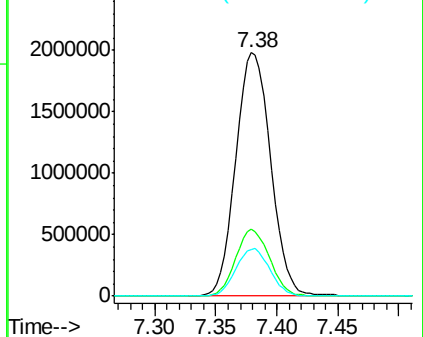
88 19.1 13.9 20.9

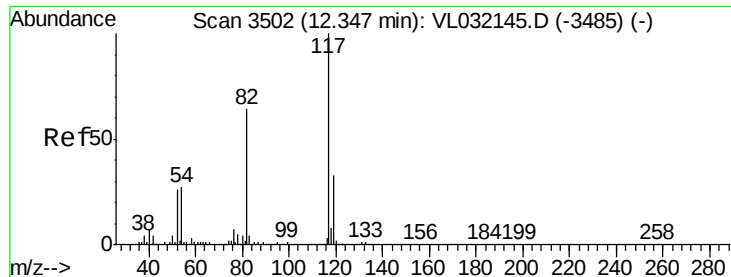


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.34 min Scan# 3500

Delta R.T. -0.02 min

Lab File: VL032179.D

Acq: 2 Jul 2018 13:08

Instrument :

MSVOA_L

ClientSampleId :

QC061318 CAN 10160

Tot Ion:117 Resp: 3522195

Ion Ratio Lower Upper

117 100

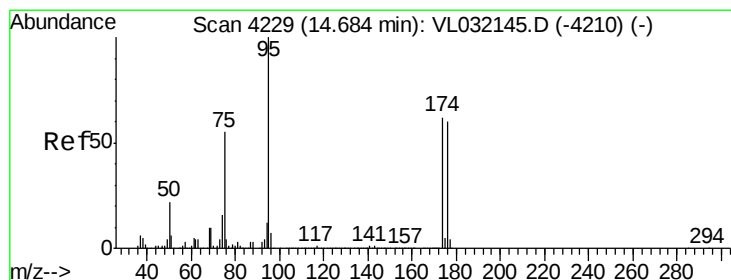
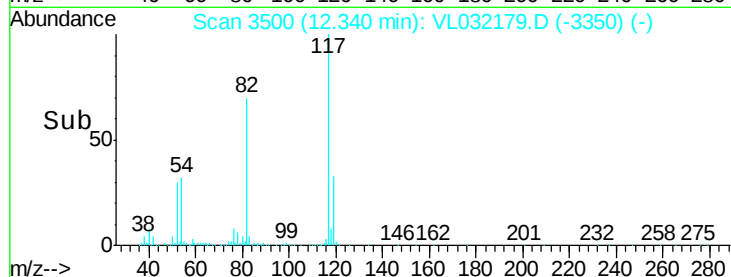
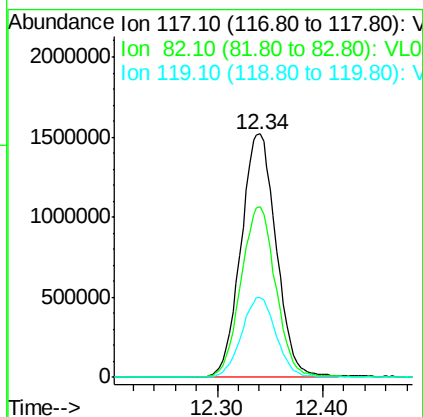
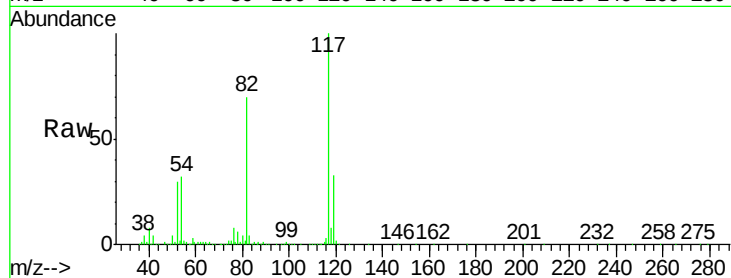
82 70.1 47.8 71.8

119 32.4 43.3 64.9#

Manual Integrations
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#68

1-Bromo-4-Fluorobenzene

Concen: 10.20 ppbv

RT: 14.67 min Scan# 4226

Delta R.T. -0.02 min

Lab File: VL032179.D

Acq: 2 Jul 2018 13:08

Tgt Ion: 95 Resp: 2745143

Ion Ratio Lower Upper

95 100

174 56.7 52.1 78.1

175 4.0 4.0 6.0#

