

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070518\
 Data File : VL032215.D
 Acq On : 5 Jul 2018 22:45
 Operator : SY/AP
 Sample : QC062918 CAN 10258
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062918 CAN 10258

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 10:47:38 AM

Quant Time: Jul 06 11:34:11 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	1384879	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3666678	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.33	117	3746528	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2896024	10.11	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds	Ovalue

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

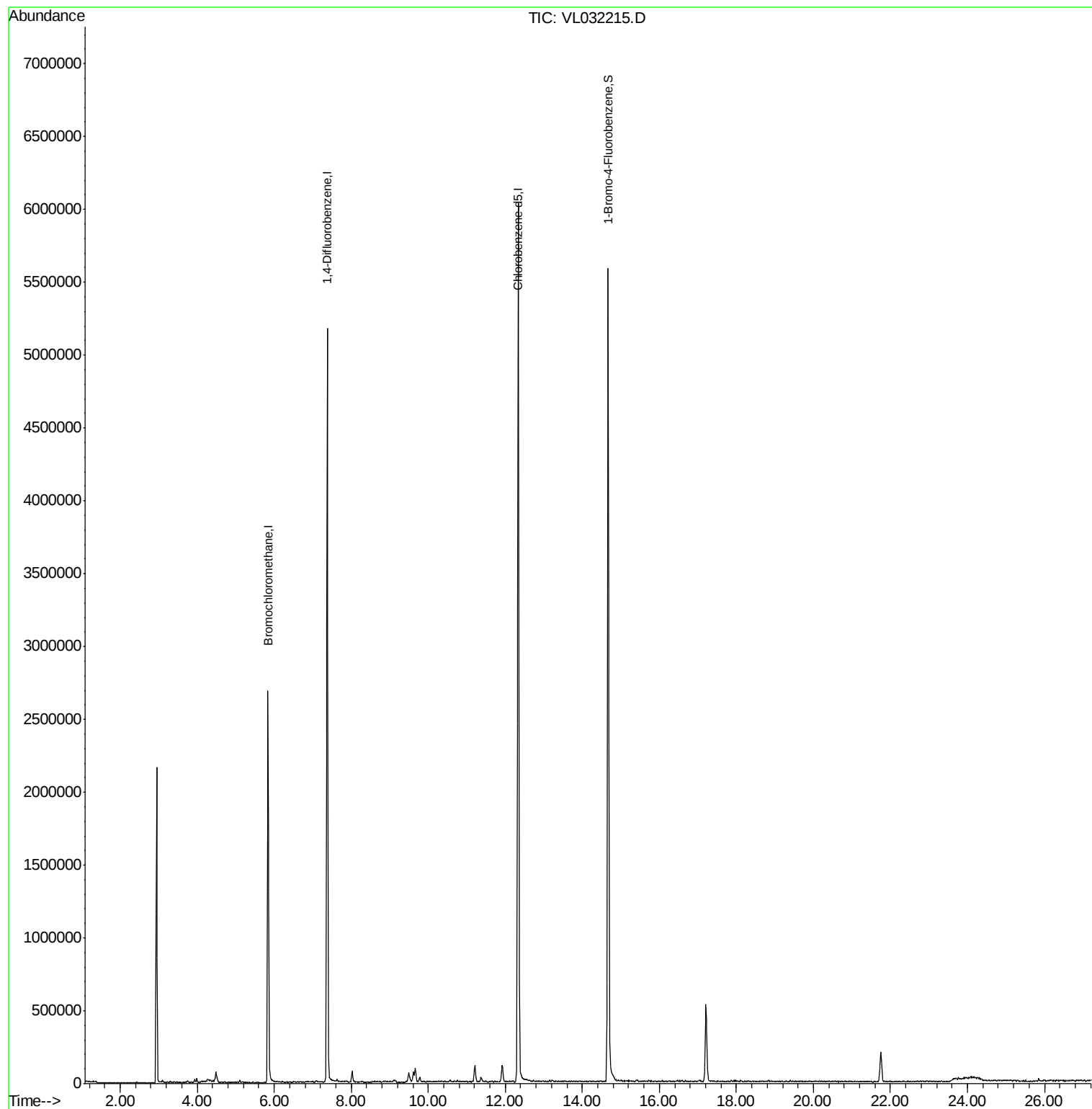
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL070518\
Data File : VL032215.D
Acq On : 5 Jul 2018 22:45
Operator : SY/AP
Sample : OC062918 CAN 10258
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

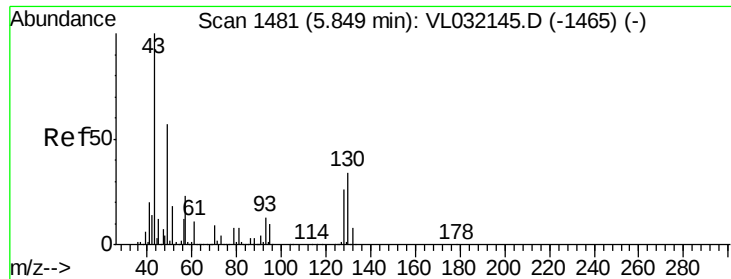
Instrument :
MSVOA_L
ClientSampleId :
QC062918 CAN 10258

Manual Integrations
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7/9/2018 10:47:38 AM

Quant Time: Jul 06 11:34:11 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# 1478

Delta R.T. -0.02 min

Lab File: VL032215.D

Acq: 5 Jul 2018 22:45

Instrument :

MSVOA_L

ClientSampleId :

QC062918 CAN 10258

Tot Ion: 49 Resp: 1384879

Ion Ratio Lower Upper

49 100

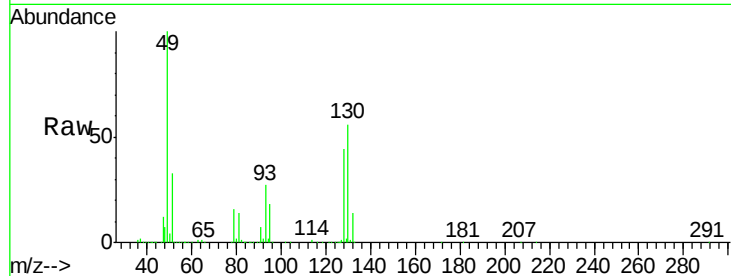
128 43.7 23.4 70.0

130 55.6 30.3 90.9

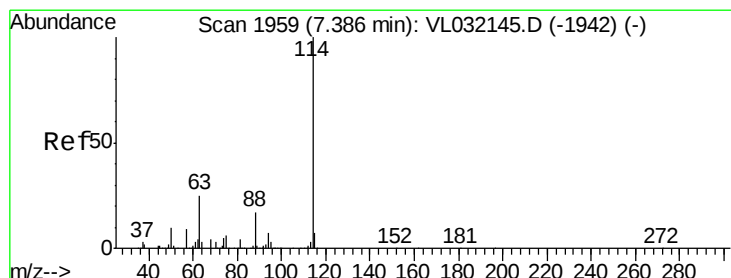
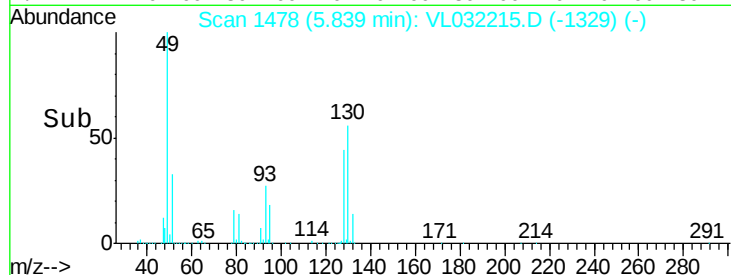
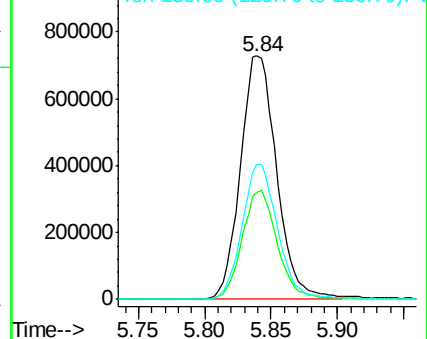
Manual Integrations
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Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): VL0
Ion 130.00 (129.70 to 130.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.38 min Scan# 1957

Delta R.T. -0.02 min

Lab File: VL032215.D

Acq: 5 Jul 2018 22:45

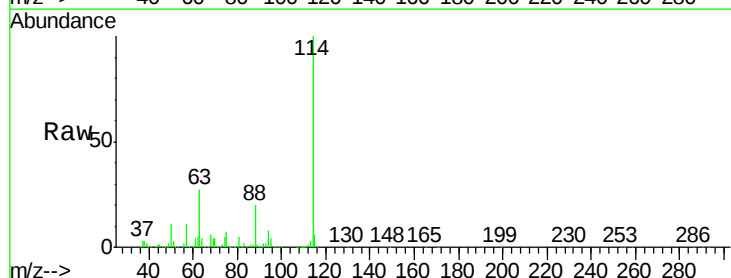
Tgt Ion: 114 Resp: 3666678

Ion Ratio Lower Upper

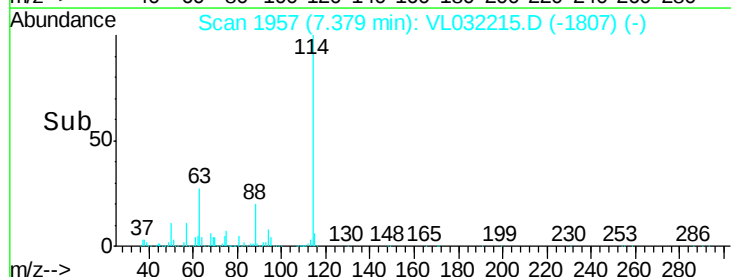
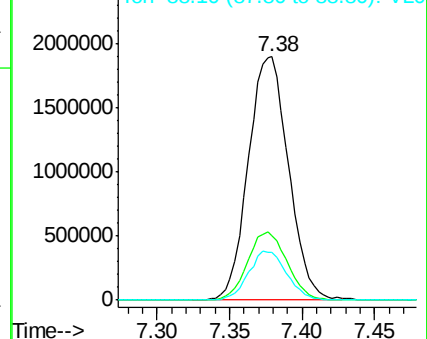
114 100

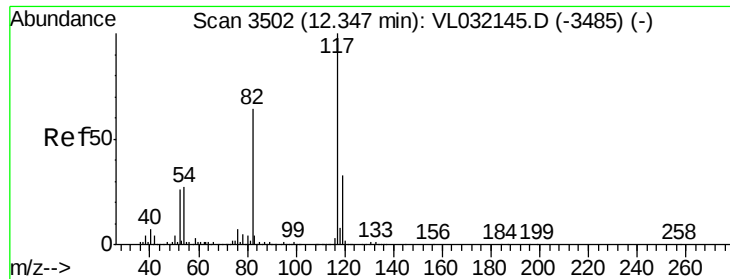
63 27.7 19.1 28.7

88 19.3 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





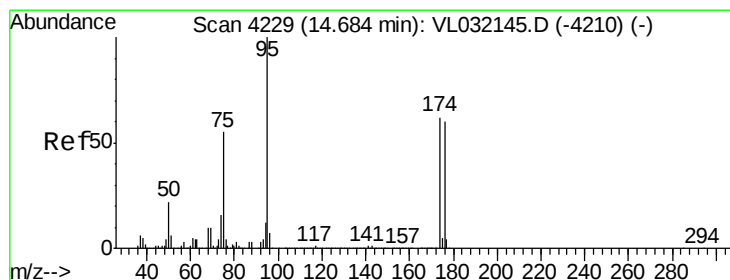
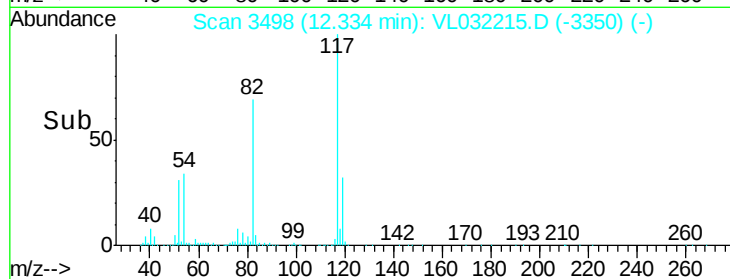
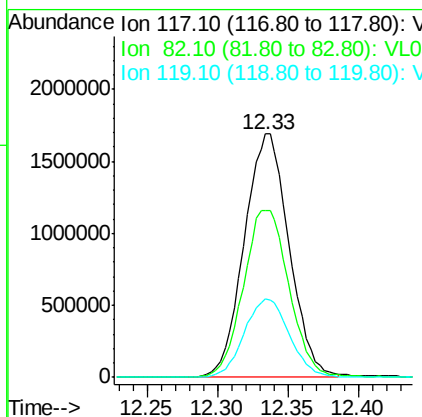
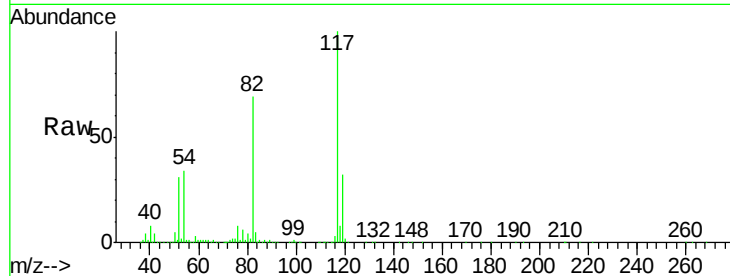
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.33 min Scan# 3498
Delta R.T. -0.03 min
Lab File: VL032215.D
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Tot Ion	Ratio	Lower	Upper
117	100		
82	70.5	47.8	71.8
119	32.9	43.3	64.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.11 ppbv
RT: 14.67 min Scan# 4225
Delta R.T. -0.03 min
Lab File: VL032215.D
Acq: 5 Jul 2018 22:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	54.7	52.1	78.1
175	3.9	4.0	6.0

