

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062918\
 Data File : VL032155.D
 Acq On : 30 Jun 2018 4:34
 Operator : SY/AP
 Sample : OC061218 CAN 10282
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061218 CAN 10282

Quant Time: Jun 30 05:29:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 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	5.85	49	1674619	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	4196475	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3814556	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2907191	9.97	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

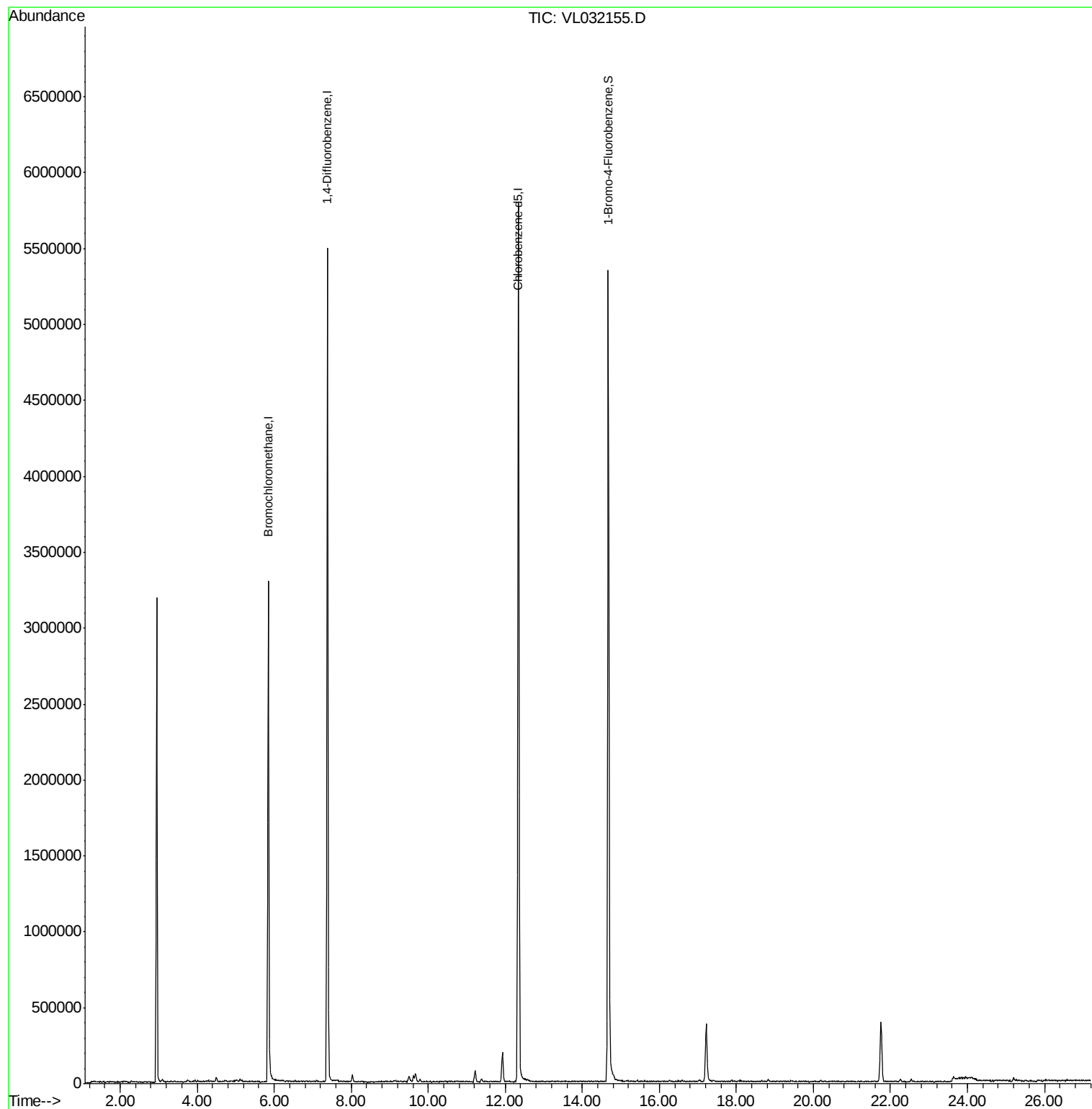
Target Compounds	Ovalue

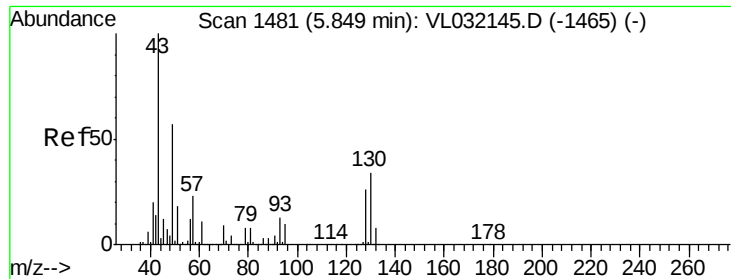
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.85 min Scan# 1480

Delta R.T. -0.02 min

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Instrument :

MSVOA_L

ClientSampleId :

QC061218 CAN 10282

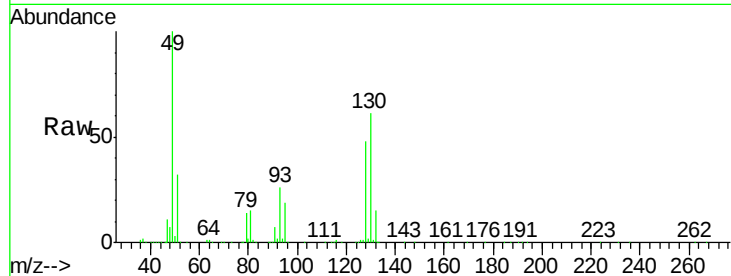
Tot Ion: 49 Resp: 1674619

Ion Ratio Lower Upper

49 100

128 46.1 23.4 70.0

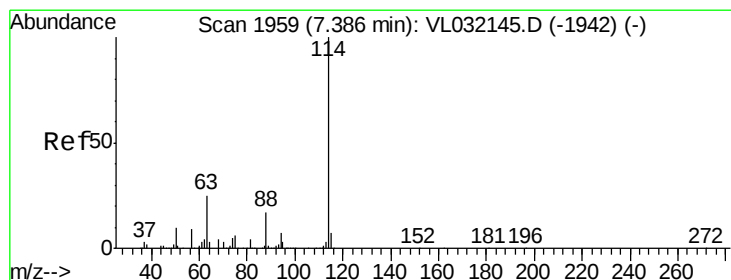
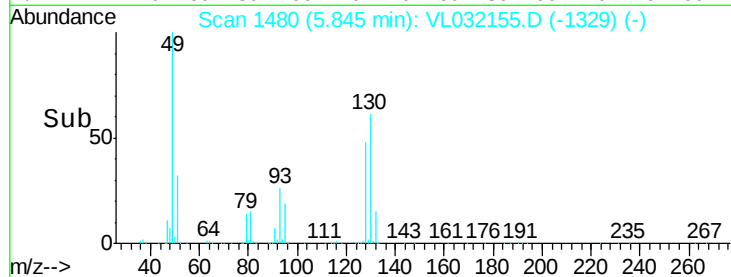
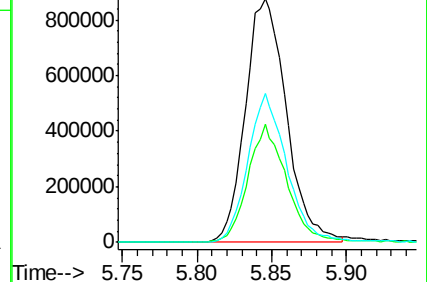
130 58.8 30.3 90.9



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# 1958

Delta R.T. -0.02 min

Lab File: VL032155.D

Acq: 30 Jun 2018 4:34

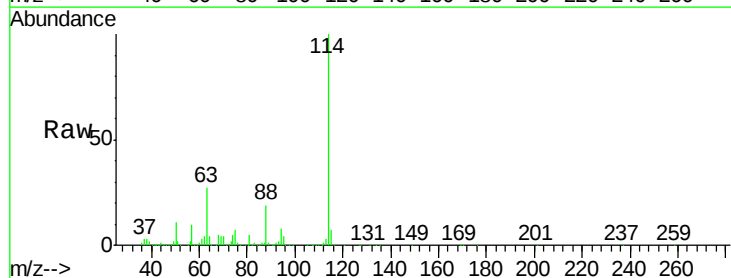
Tgt Ion: 114 Resp: 4196475

Ion Ratio Lower Upper

114 100

63 26.1 19.1 28.7

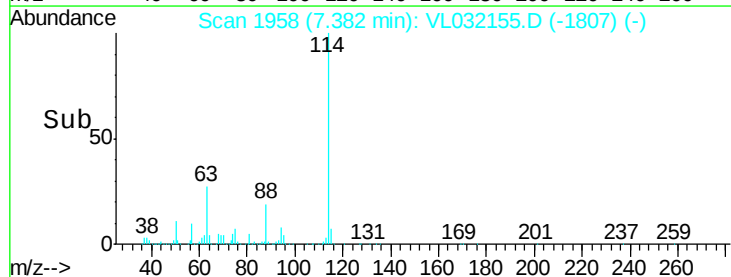
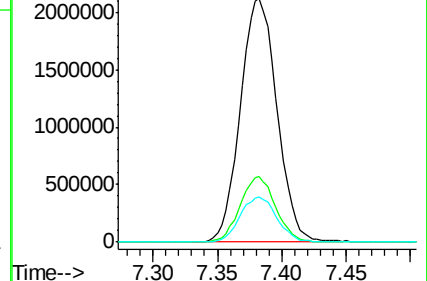
88 18.6 13.9 20.9

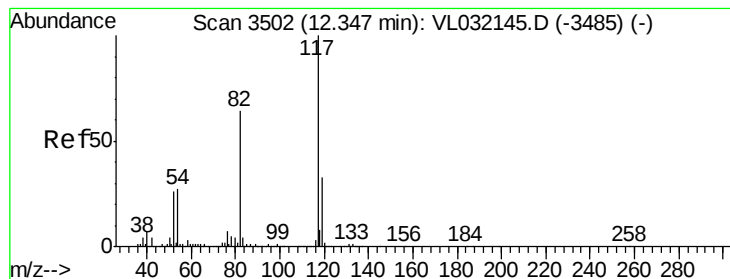


Abundance Ion 114.10 (113.80 to 114.80): VL0

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: VL032155.D

Acq: 30 Jun 2018 4:34

Instrument :

MSVOA_L

ClientSampleId :

QC061218 CAN 10282

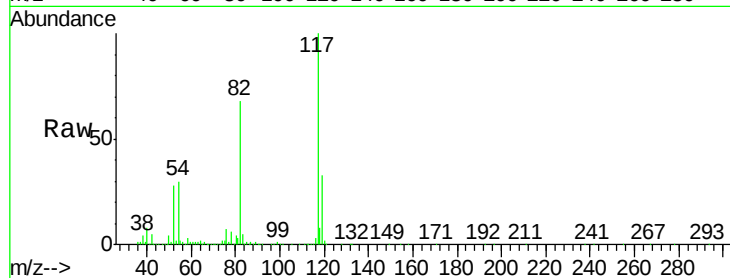
Tot Ion:117 Resp: 3814556

Ion	Ratio	Lower	Upper
117	100		
82	68.5	47.8	71.8
119	32.2	43.3	64.9

117 100

82 68.5 47.8 71.8

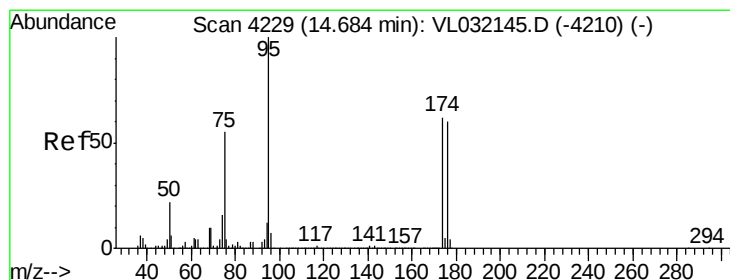
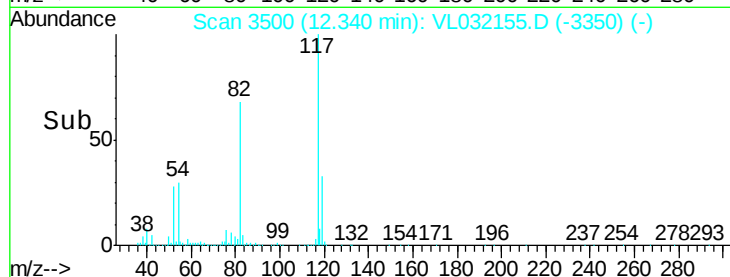
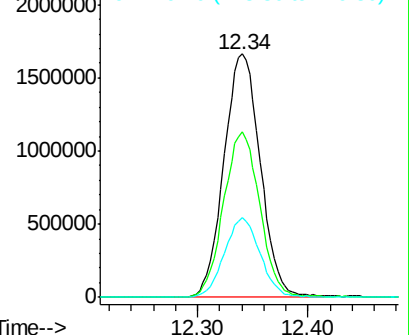
119 32.2 43.3 64.9



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.97 ppbv

RT: 14.67 min Scan# 4226

Delta R.T. -0.02 min

Lab File: VL032155.D

Acq: 30 Jun 2018 4:34

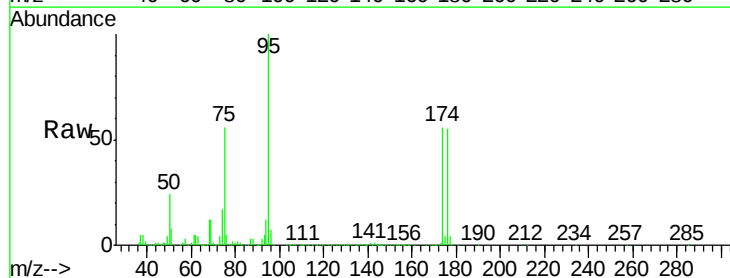
Tgt Ion: 95 Resp: 2907191

Ion	Ratio	Lower	Upper
95	100		
174	58.1	52.1	78.1
175	4.3	4.0	6.0

95 100

174 58.1 52.1 78.1

175 4.3 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

