

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070518\
Data File : VL032207.D
Acq On : 5 Jul 2018 17:25
Operator : SY/AP
Sample : OC061318 CAN 10444
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC061318 CAN 10444

Quant Time: Jul 06 11:31:42 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 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	5.84	49	1539745	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3782438	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.33	117	3875831	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3004977	10.14	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

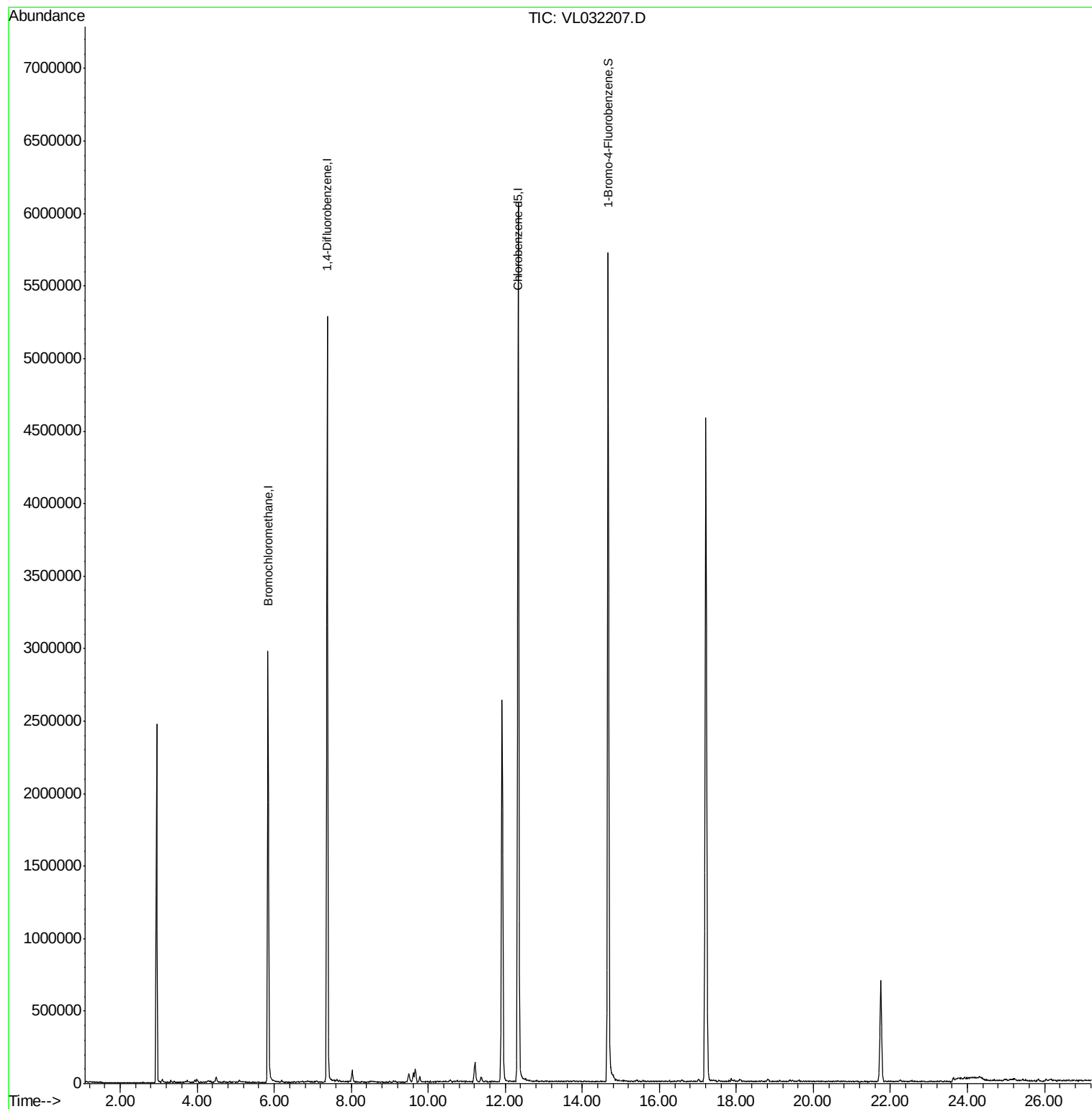
Target Compounds	Ovalue
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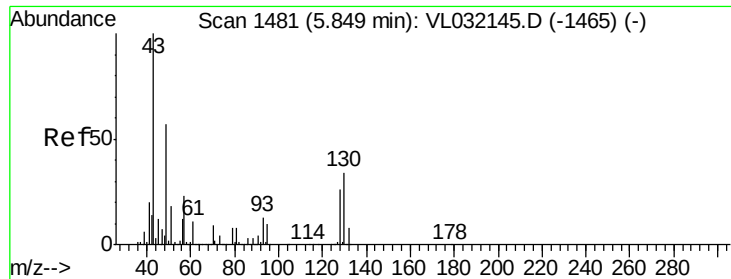
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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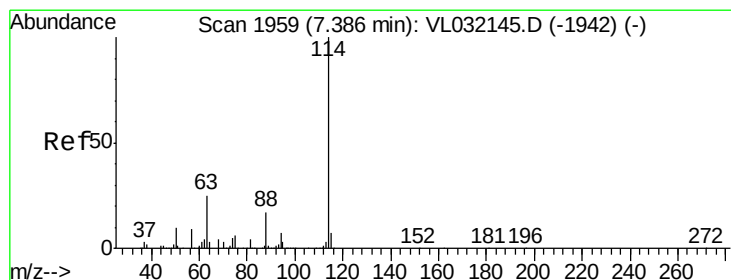
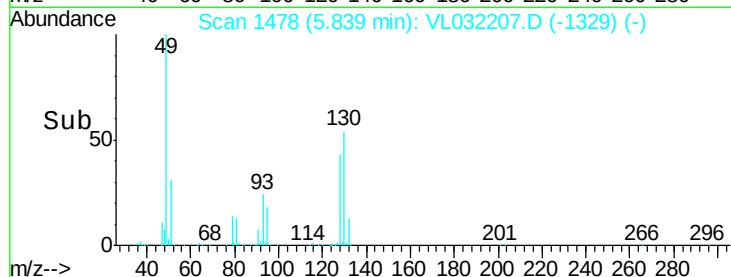
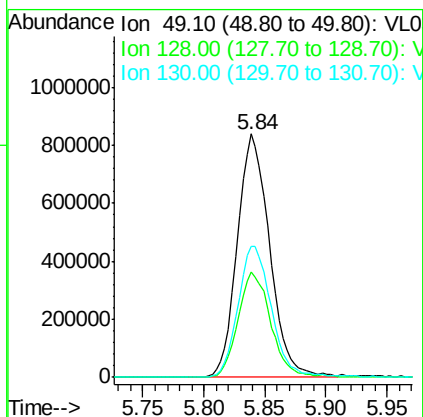
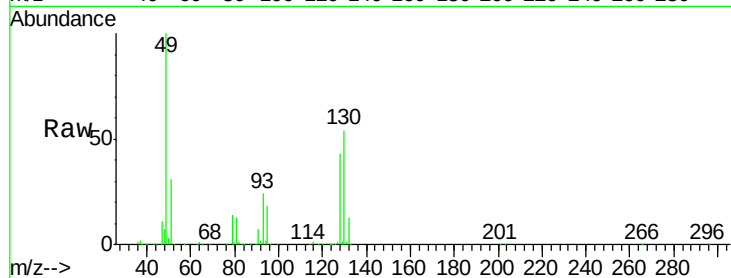




#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.84 min Scan# 1478
 Delta R.T. -0.02 min
 Lab File: VL032207.D
 Acq: 5 Jul 2018 17:25

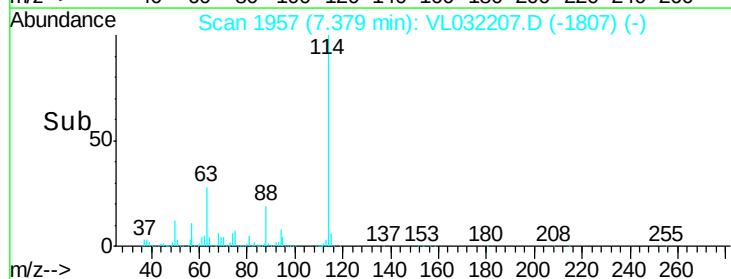
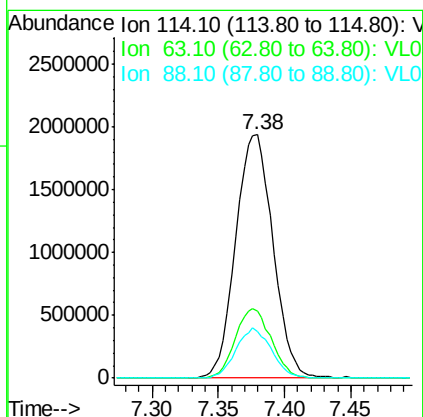
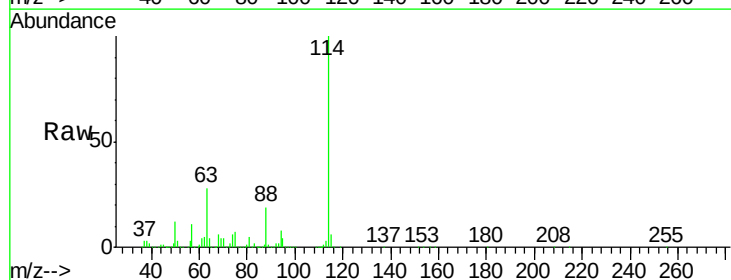
Instrument :
 MSVOA_L
 ClientSampleId :
 QC061318 CAN 10444

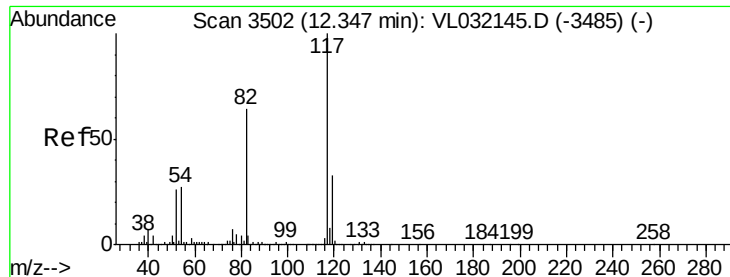
Tot Ion: 49 Resp: 1539745
 Ion Ratio Lower Upper
 49 100
 128 43.8 23.4 70.0
 130 56.1 30.3 90.9



#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.38 min Scan# 1957
 Delta R.T. -0.02 min
 Lab File: VL032207.D
 Acq: 5 Jul 2018 17:25

Tgt Ion: 114 Resp: 3782438
 Ion Ratio Lower Upper
 114 100
 63 27.8 19.1 28.7
 88 19.6 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: VL032207.D

Acq: 5 Jul 2018 17:25

Instrument :

MSVOA_L

ClientSampleId :

QC061318 CAN 10444

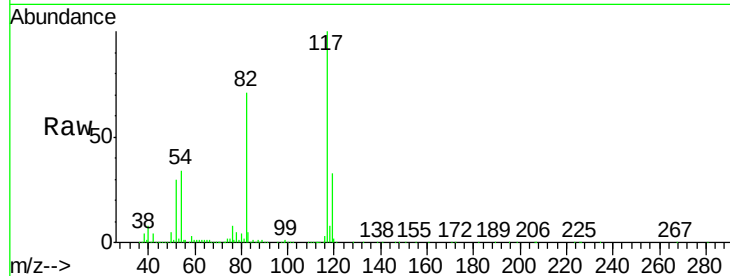
Tot Ion:117 Resp: 3875831

Ion Ratio Lower Upper

117 100

82 70.4 47.8 71.8

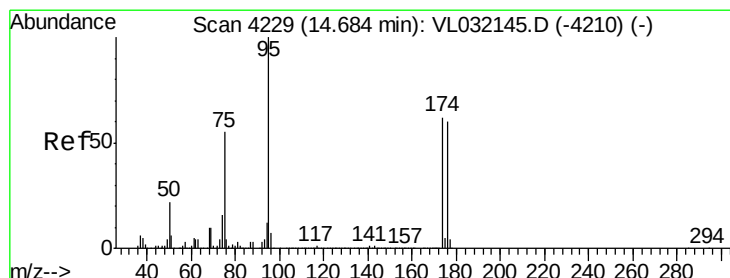
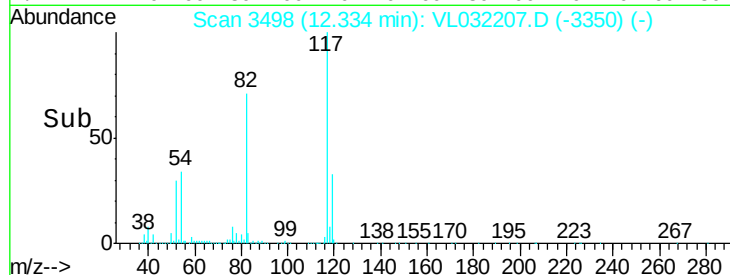
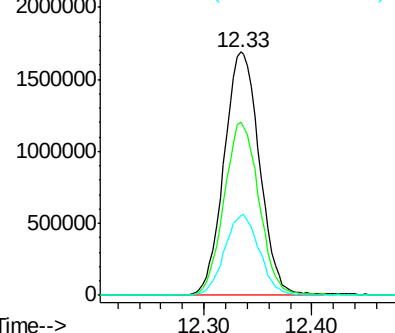
119 32.8 43.3 64.9#



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: 10.14 ppbv

RT: 14.67 min Scan# 4225

Delta R.T. -0.03 min

Lab File: VL032207.D

Acq: 5 Jul 2018 17:25

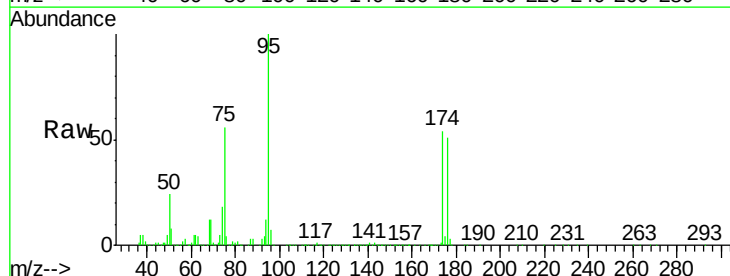
Tgt Ion: 95 Resp: 3004977

Ion Ratio Lower Upper

95 100

174 55.1 52.1 78.1

175 4.1 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

