

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111919\
Data File : VL034387.D
Acq On : 19 Nov 2019 20:13
Operator : SY/AP
Sample : OC110519 CAN 10749
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC110519 CAN 10749

Quant Time: Nov 20 11:05:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 20 03:30:54 2019
QLast Update : Wed Nov 20 03:30:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	939370	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1865763	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	1831184	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1564541	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

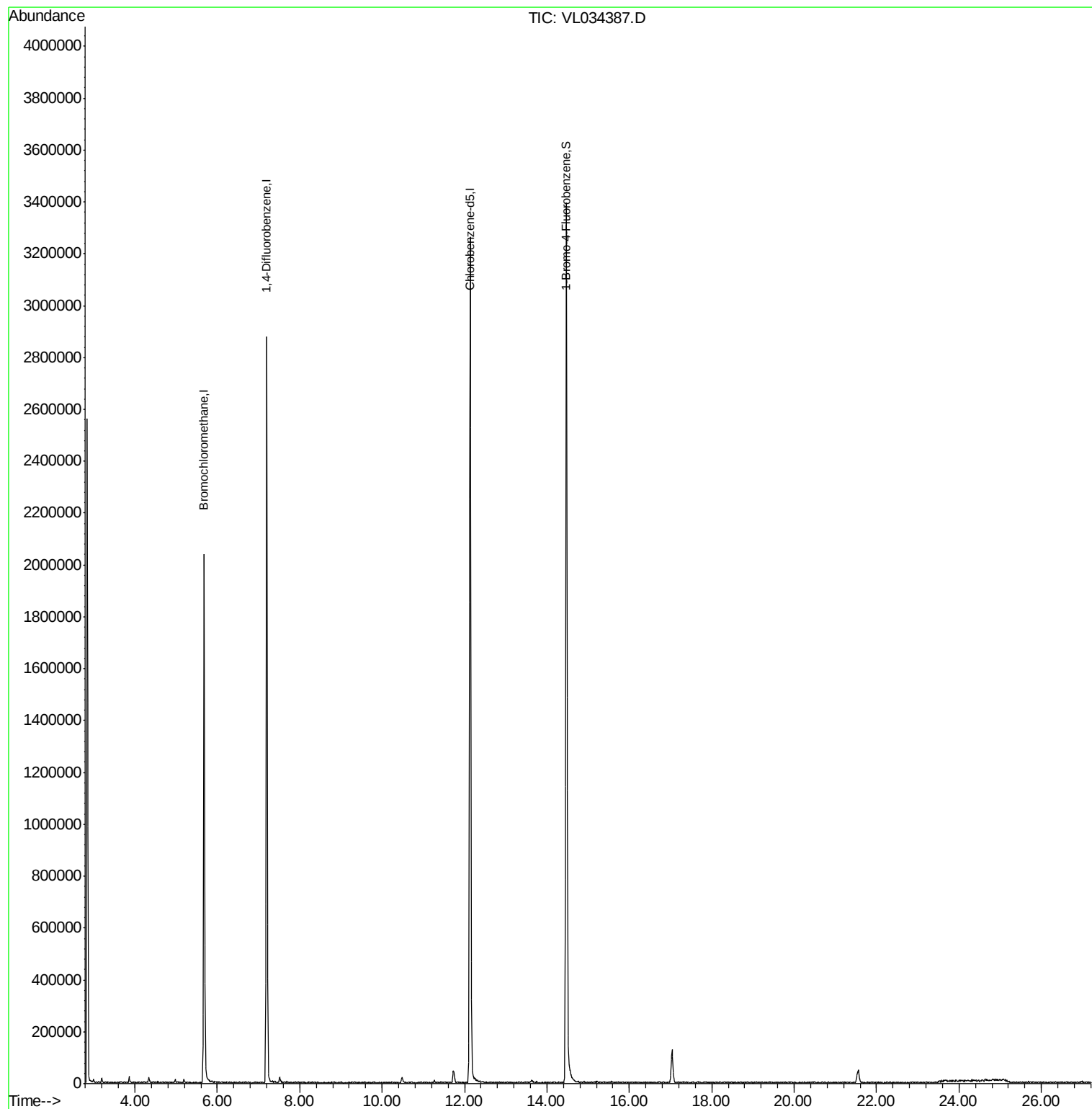
Target Compounds	Ovalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

QC110519 CAN 10749

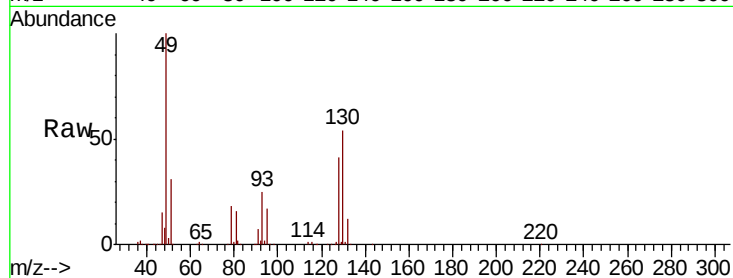
Tot Ion: 49 Resp: 939370

Ion Ratio Lower Upper

49 100

128 44.5 21.8 65.3

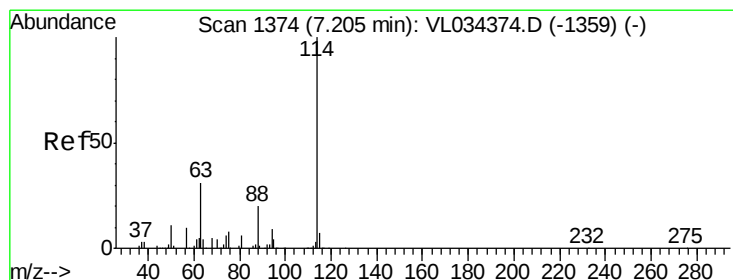
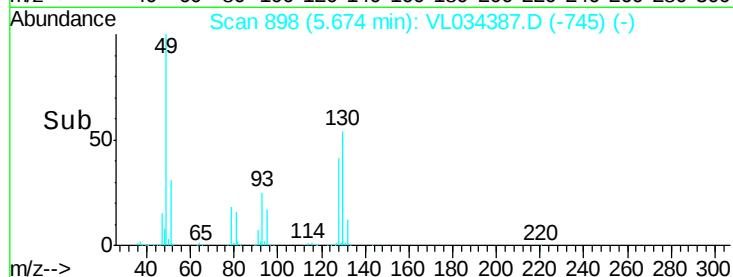
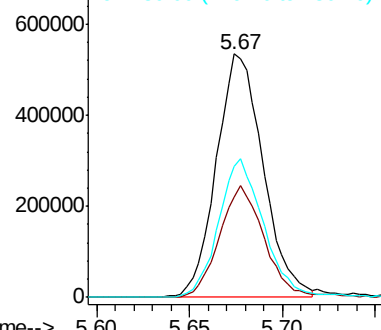
130 55.6 28.0 84.0



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: 10.000 ppbv

RT: 7.20 min Scan# 1372

Delta R.T. -0.01 min

Lab File: VL034387.D

Acq: 19 Nov 2019 20:13

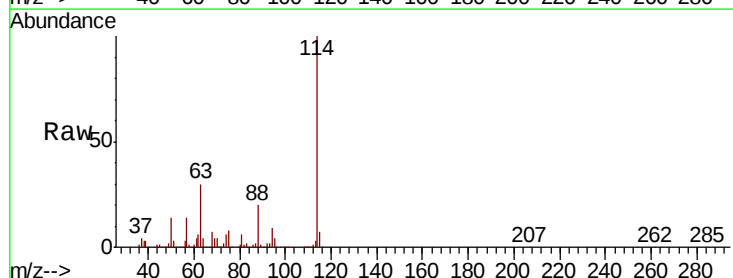
Tgt Ion: 114 Resp: 1865763

Ion Ratio Lower Upper

114 100

63 30.1 24.2 36.4

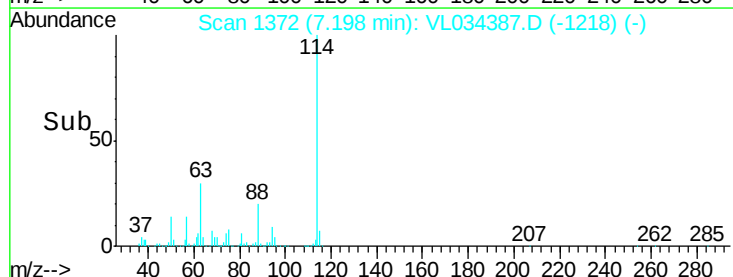
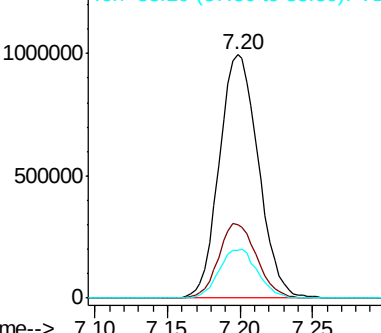
88 19.7 15.9 23.9

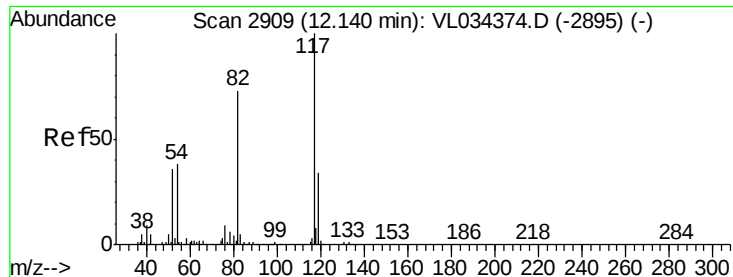


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

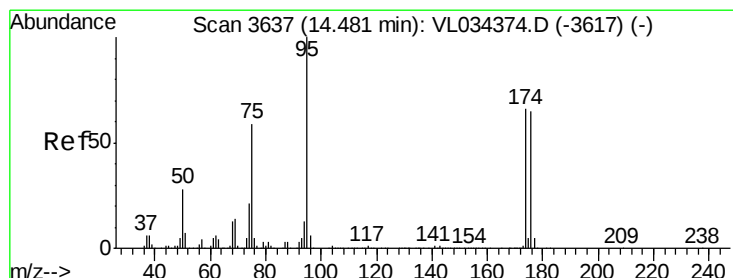
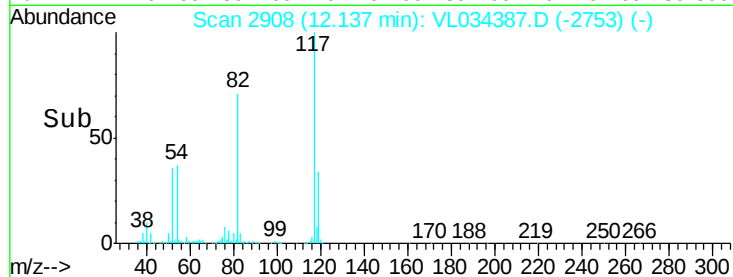
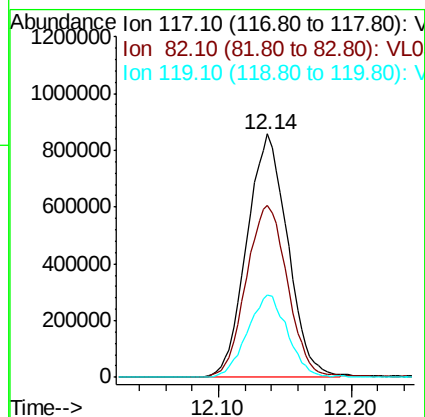
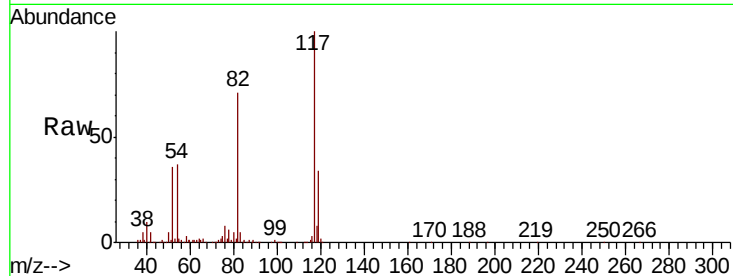




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. -0.00 min
Lab File: VL034387.D
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Tot Ion:117 Resp: 1831184
Ion Ratio Lower Upper
117 100
82 72.4 57.5 86.3
119 33.9 25.4 38.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.156 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. -0.01 min
Lab File: VL034387.D
Acq: 19 Nov 2019 20:13

Tgt Ion: 95 Resp: 1564541
Ion Ratio Lower Upper
95 100
174 65.7 52.2 78.2
175 4.6 3.8 5.8

