

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL121317\
Data File : VL031222.D
Acq On : 14 Dec 2017 6:12
Operator : SY/AP
Sample : OC121117 CAN 10293
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC121117 CAN 10293

Quant Time: Dec 15 06:11:09 2017
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Dec 14 04:29:58 2017
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.91	49	1683388	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.45	114	4022016	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	4139232	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	3041320	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

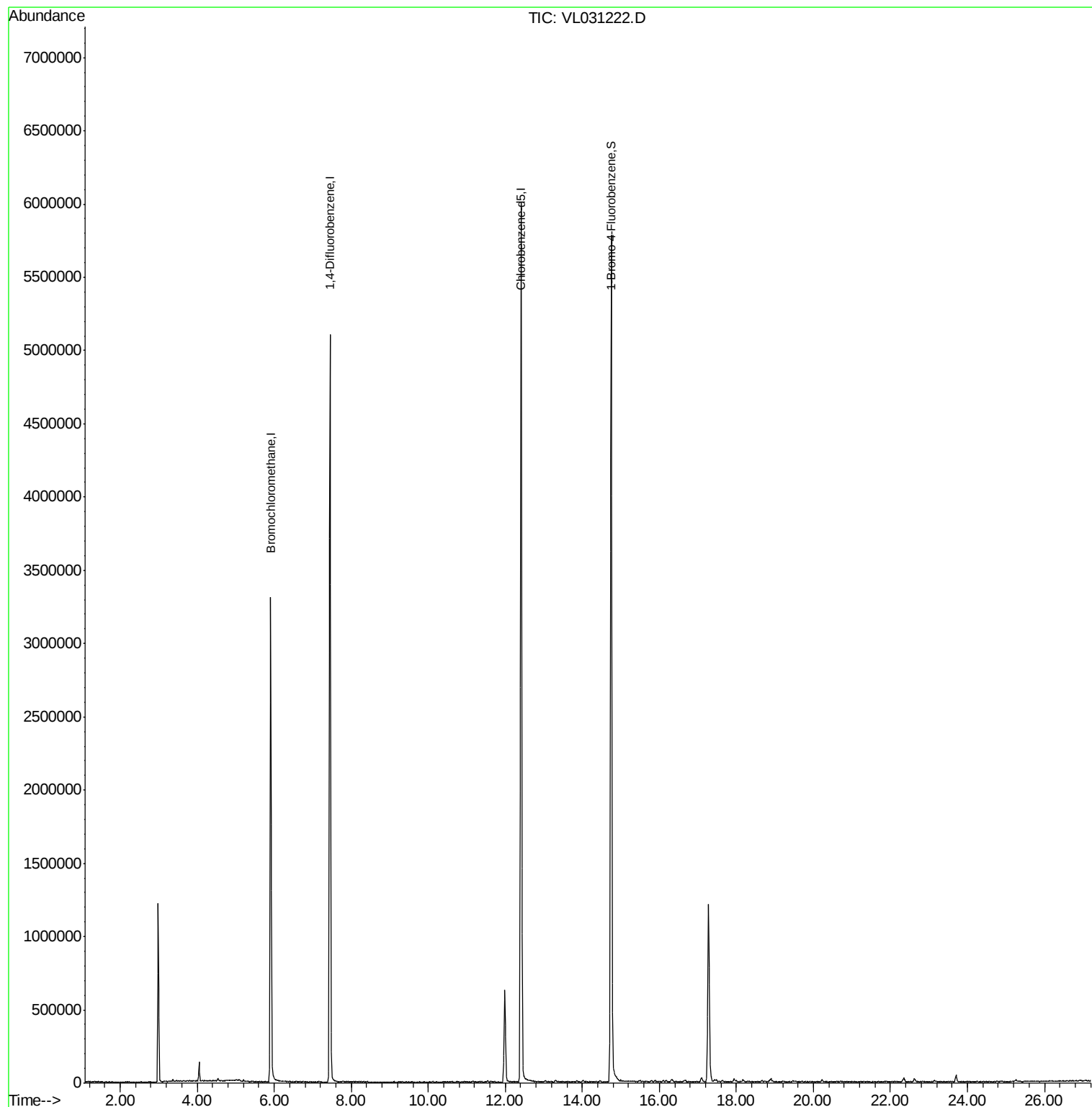
Target Compounds	Ovalue
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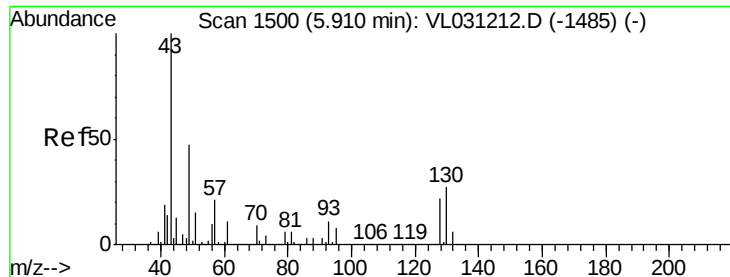
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.91 min Scan# 1500

Delta R.T. 0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

QC121117 CAN 10293

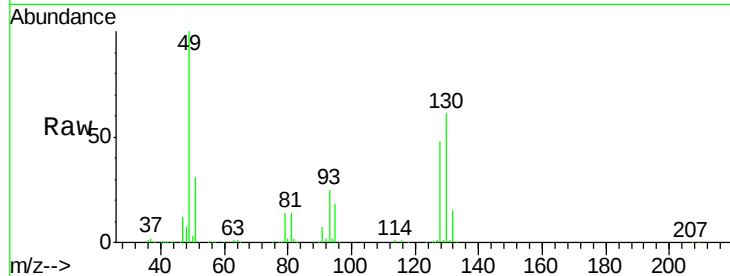
Tot Ion: 49 Resp: 1683388

Ion Ratio Lower Upper

49 100

128 49.2 23.2 69.5

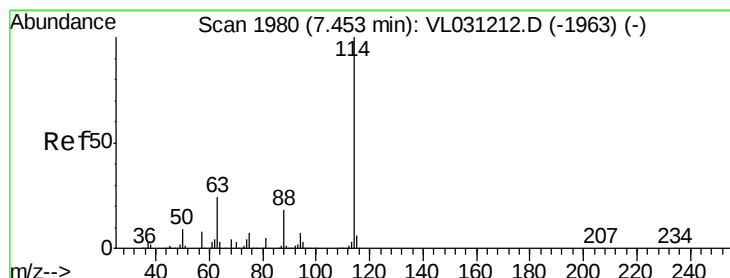
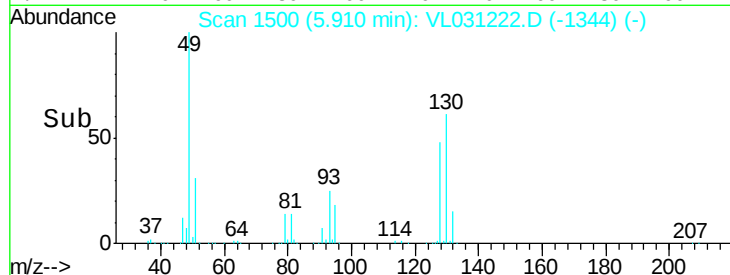
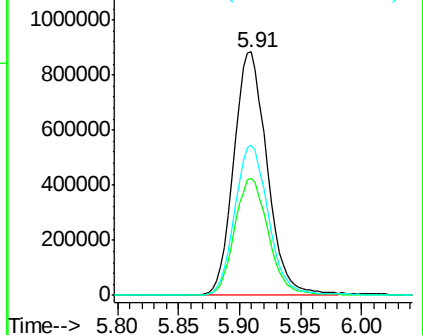
130 63.1 29.6 88.8



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: 7.45 min Scan# 1978

Delta R.T. -0.01 min

Lab File: VL031222.D

Acq: 14 Dec 2017 6:12

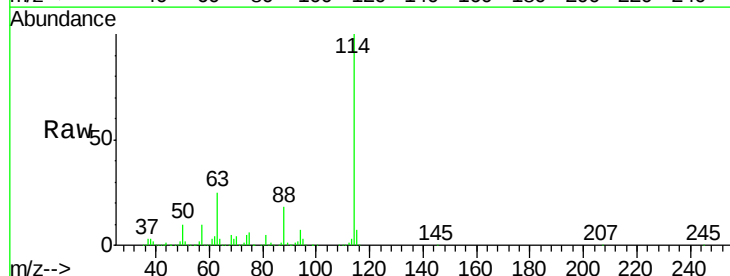
Tgt Ion: 114 Resp: 4022016

Ion Ratio Lower Upper

114 100

63 24.5 19.8 29.8

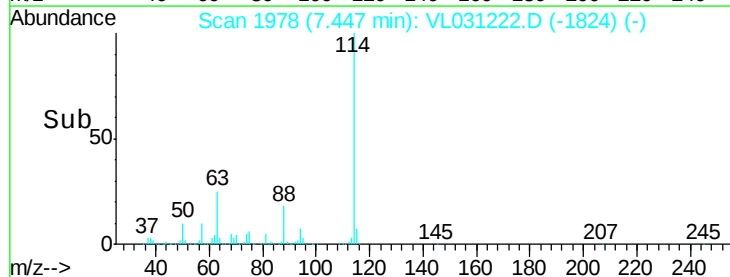
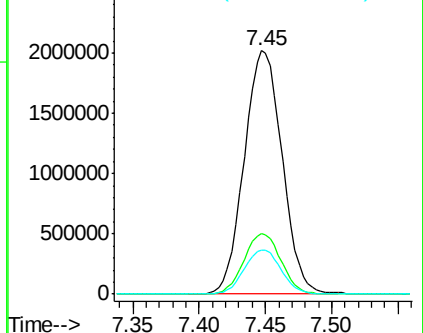
88 17.9 14.2 21.4

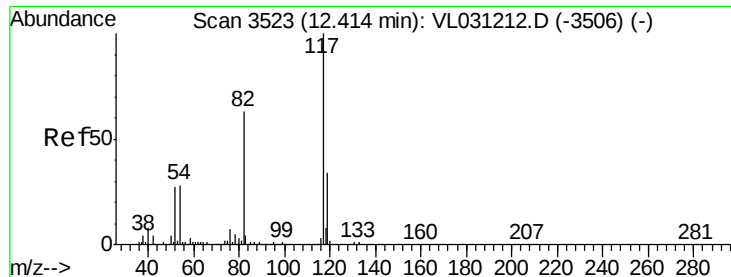


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

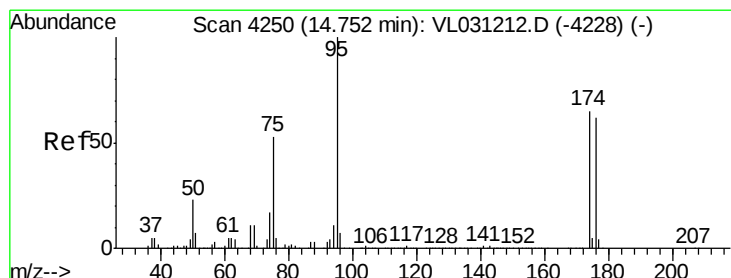
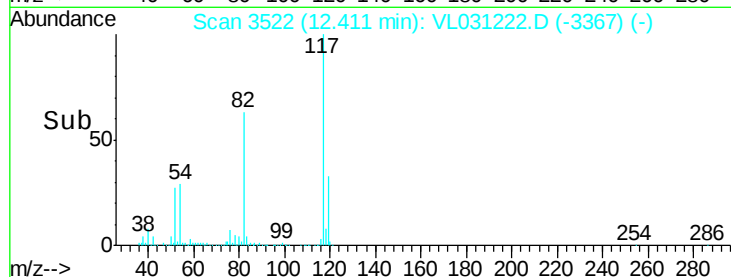
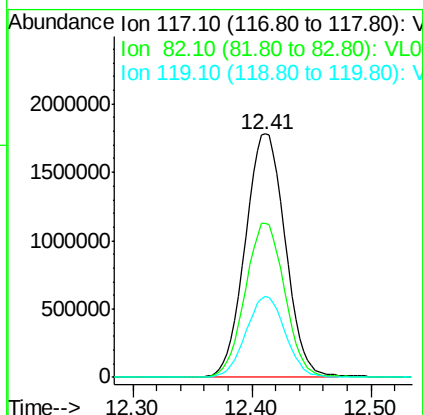
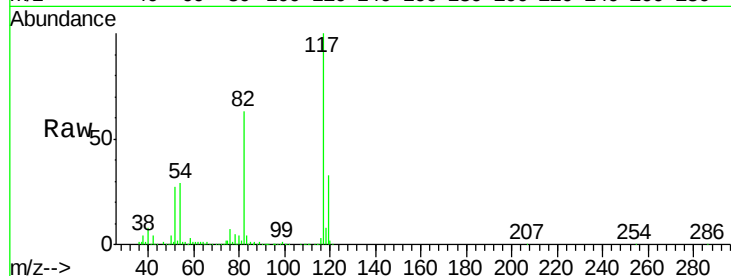




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.41 min Scan# 3522
Delta R.T. -0.00 min
Lab File: VL031222.D
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Tot Ion:117 Resp: 4139232
Ion Ratio Lower Upper
117 100
82 63.0 48.1 72.1
119 32.9 23.1 34.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.33 ppbv
RT: 14.75 min Scan# 4249
Delta R.T. -0.00 min
Lab File: VL031222.D
Acq: 14 Dec 2017 6:12

Tgt Ion: 95 Resp: 3041320
Ion Ratio Lower Upper
95 100
174 65.3 52.5 78.7
175 5.0 4.1 6.1

