

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091819\
Data File : VL034192.D
Acq On : 18 Sep 2019 21:12
Operator : SY/AP
Sample : OC CAN 10321
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10321

Quant Time: Sep 19 10:30:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1128835	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1820625	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.16	117	1837222	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1637477	10.26	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

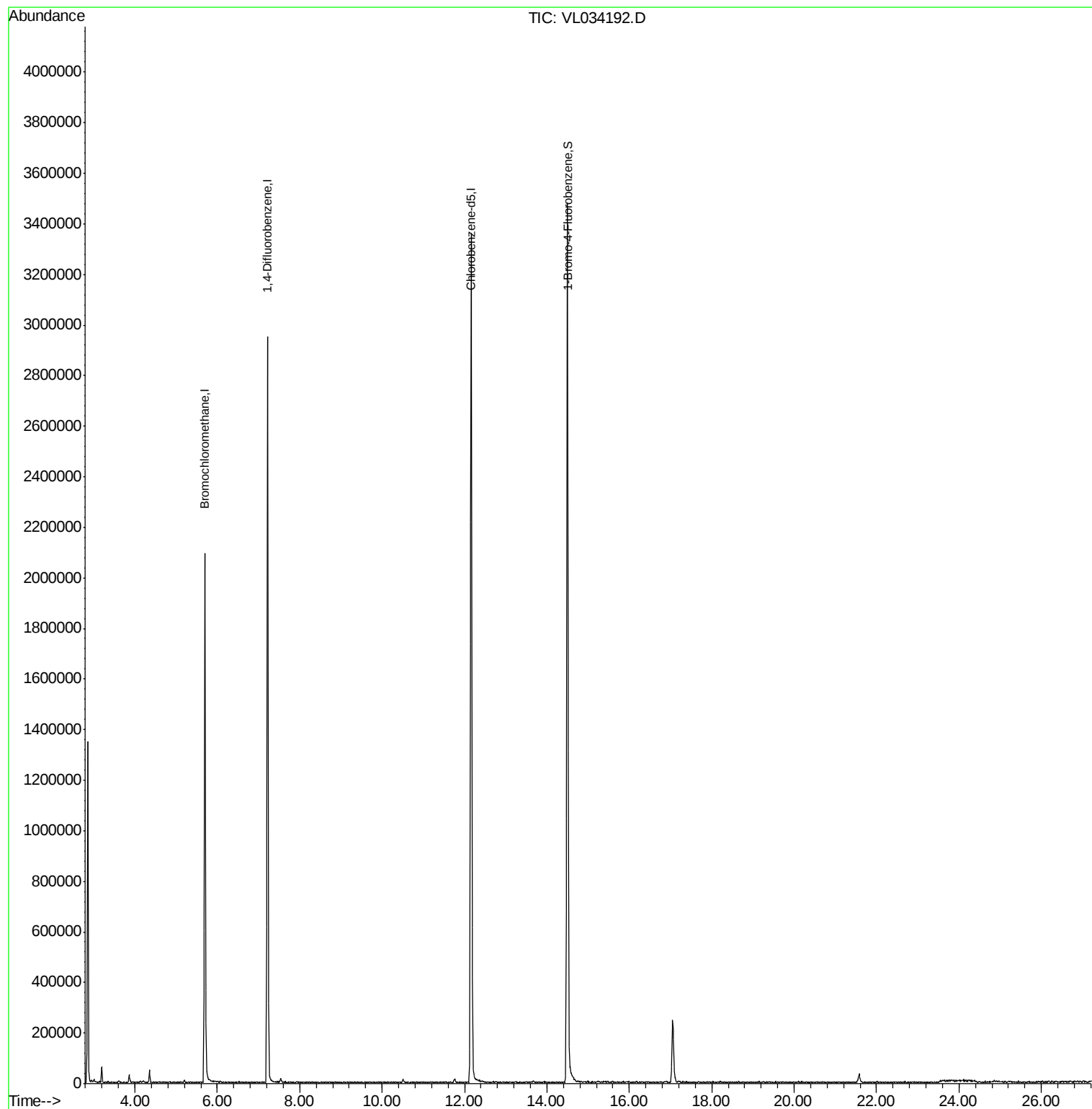
Target Compounds	Ovalue
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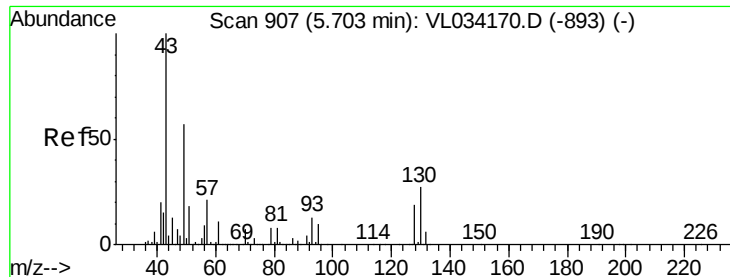
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 904

Delta R.T. -0.01 min

Lab File: VL034192.D

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Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10321

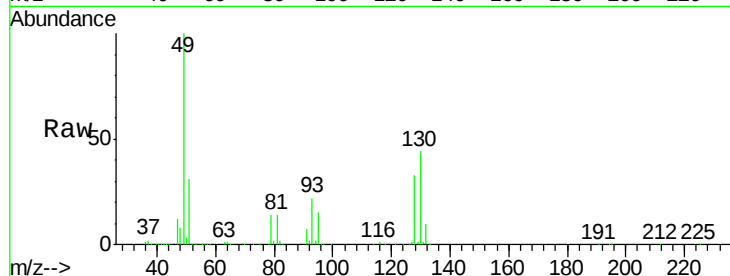
Tot Ion: 49 Resp: 1128835

Ion Ratio Lower Upper

49 100

128 34.3 17.6 52.9

130 44.3 22.3 66.9



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

5.69

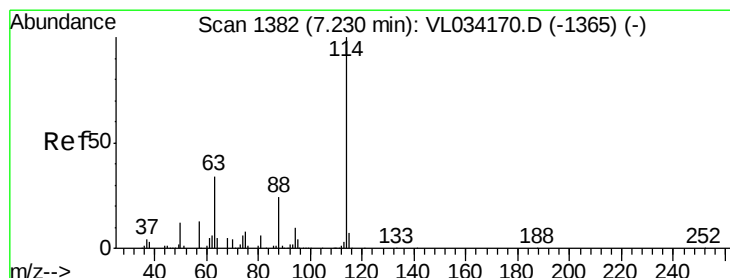
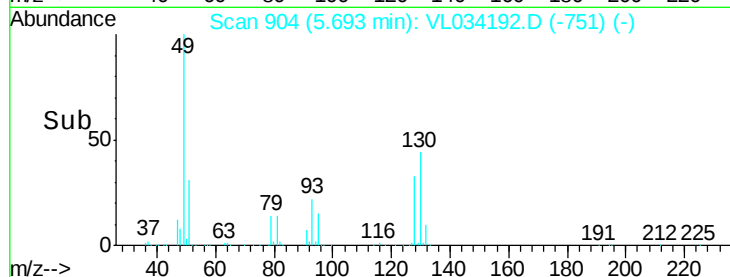
600000

400000

200000

0

Time--> 5.60 5.65 5.70 5.75



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.22 min Scan# 1379

Delta R.T. -0.01 min

Lab File: VL034192.D

Acq: 18 Sep 2019 21:12

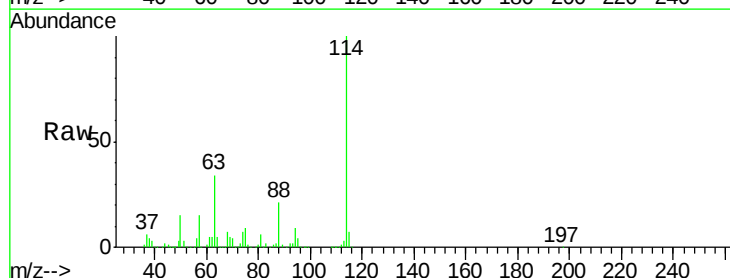
Tgt Ion: 114 Resp: 1820625

Ion Ratio Lower Upper

114 100

63 34.6 27.8 41.6

88 21.3 17.1 25.7



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

1200000

1000000

800000

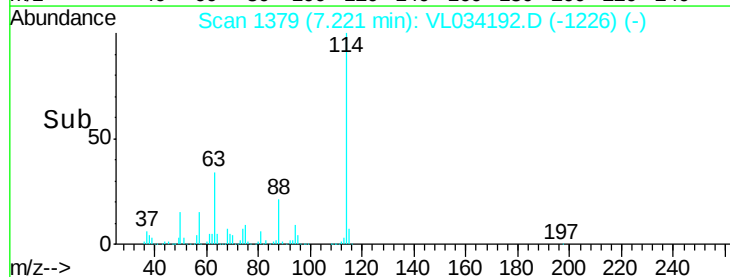
600000

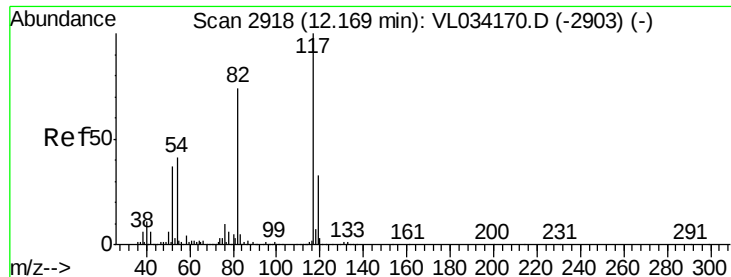
400000

200000

0

Time--> 7.15 7.20 7.25 7.30

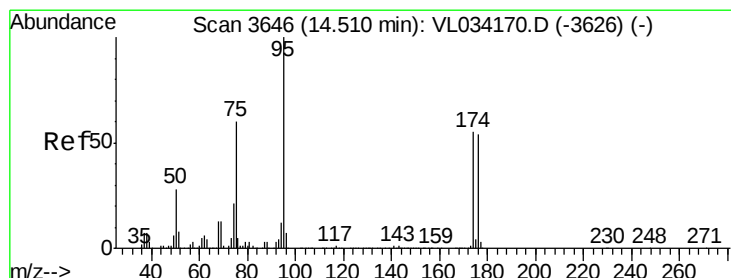
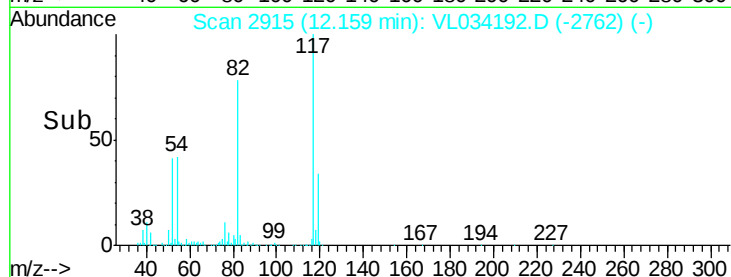
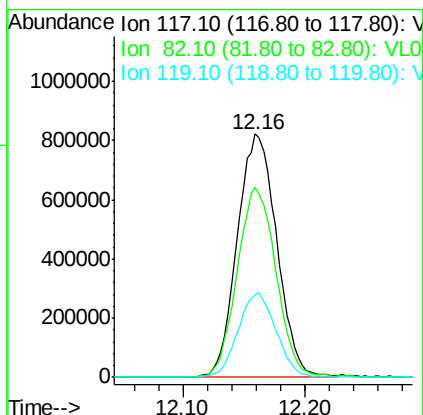
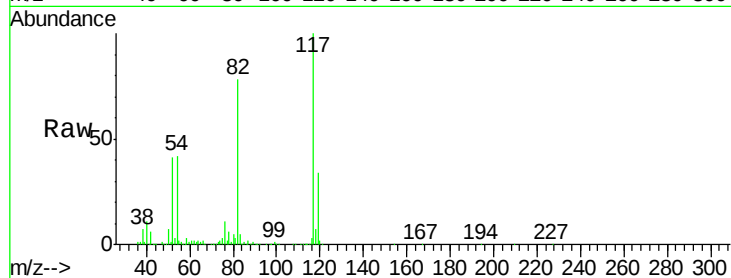




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2915
Delta R.T. -0.01 min
Lab File: VL034192.D
Acq: 18 Sep 2019 21:12

Instrument :
MSVOA_L
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Tot Ion:117 Resp: 1837222
Ion Ratio Lower Upper
117 100
82 77.4 58.2 87.4
119 33.5 23.7 35.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.257 ppbv
RT: 14.50 min Scan# 3642
Delta R.T. -0.01 min
Lab File: VL034192.D
Acq: 18 Sep 2019 21:12

Tgt Ion: 95 Resp: 1637477
Ion Ratio Lower Upper
95 100
174 56.1 45.1 67.7
175 3.9 3.3 4.9

