

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111418\
Data File : VL032768.D
Acq On : 14 Nov 2018 21:04
Operator : SY/AP
Sample : OC110818 CAN 10607
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC110818 CAN 10607

Quant Time: Nov 15 11:11:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1398651	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3492454	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3070392	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2316809	10.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

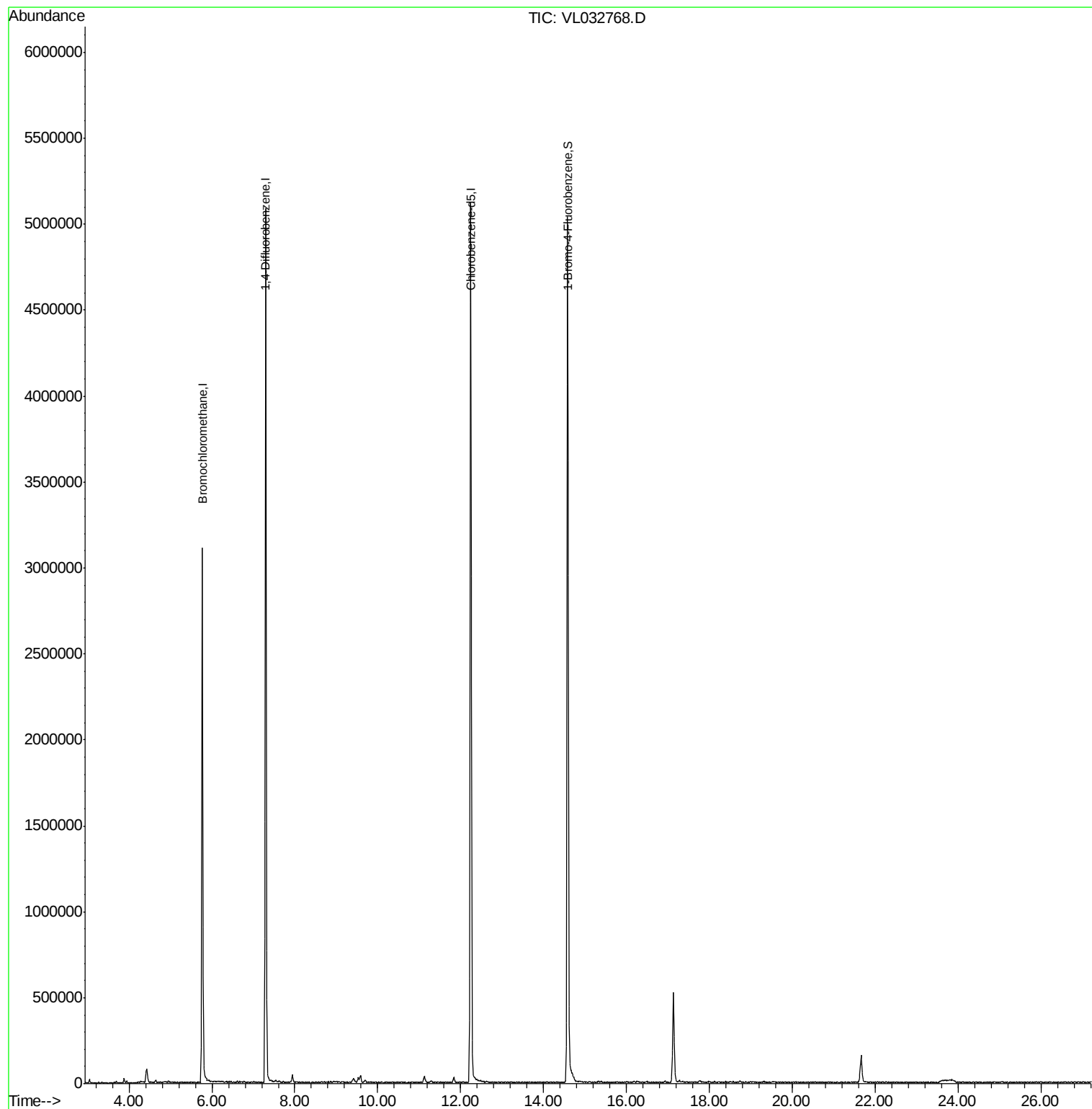
Target Compounds	Ovalue
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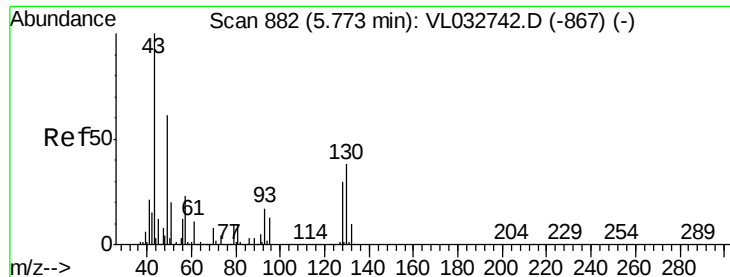
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032768.D

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Instrument :

MSVOA_L

ClientSampleId :

QC110818 CAN 10607

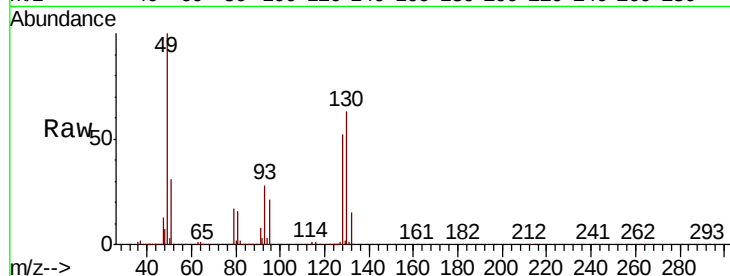
Tot Ion: 49 Resp: 1398651

Ion	Ratio	Lower	Upper
49	100		
128	50.5	24.9	74.6
130	64.2	31.4	94.2

49 100

128 50.5 24.9 74.6

130 64.2 31.4 94.2

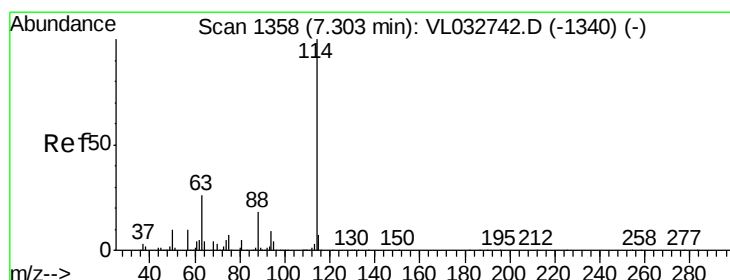
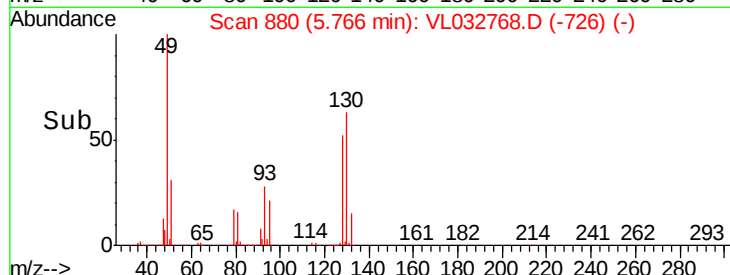
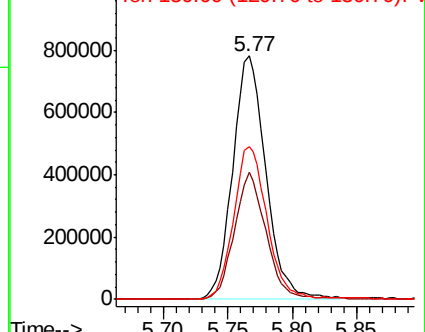


Abundance

Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.30 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VL032768.D

Acq: 14 Nov 2018 21:04

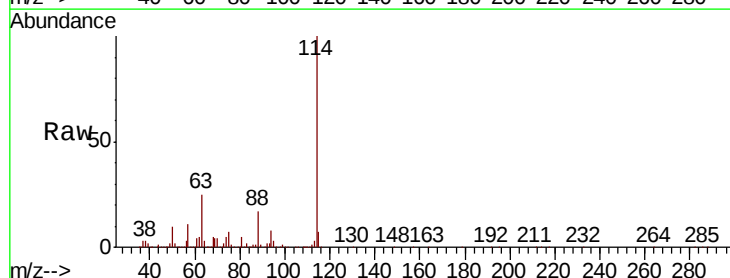
Tgt Ion: 114 Resp: 3492454

Ion	Ratio	Lower	Upper
114	100		
63	25.6	20.9	31.3
88	18.1	14.4	21.6

114 100

63 25.6 20.9 31.3

88 18.1 14.4 21.6

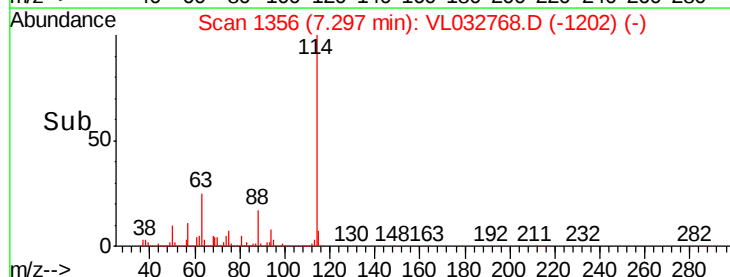
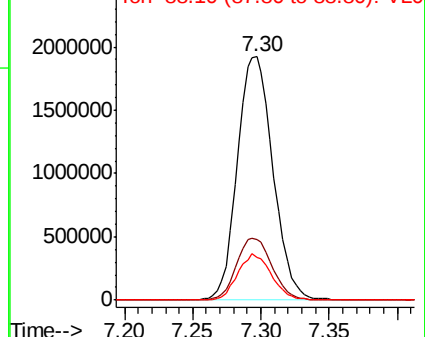


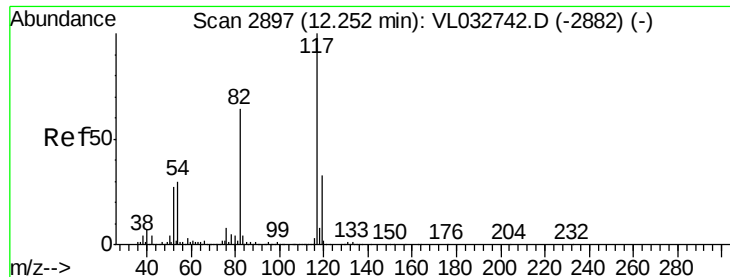
Abundance

Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

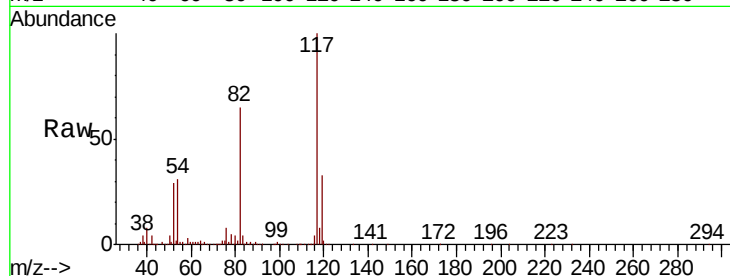




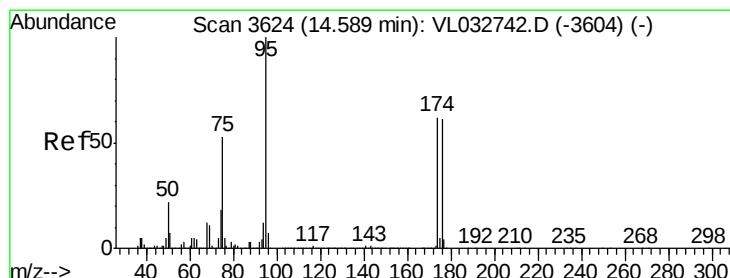
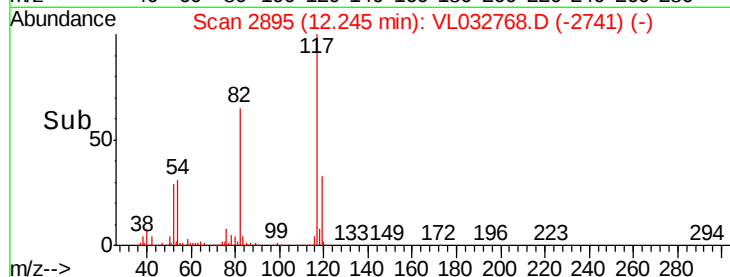
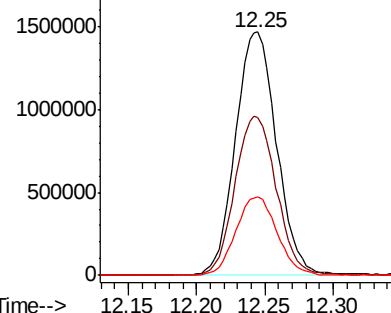
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032768.D
Acq: 14 Nov 2018 21:04

Instrument :
MSVOA_L
ClientSampleId :
QC110818 CAN 10607

Tot Ion:117 Resp: 3070392
Ion Ratio Lower Upper
117 100
82 66.5 51.0 76.6
119 32.7 28.0 42.0

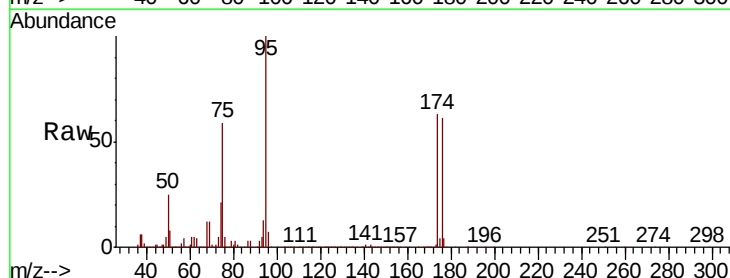


Abundance Ion 117.10 (116.80 to 117.80): V
2000000 Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.088 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032768.D
Acq: 14 Nov 2018 21:04

Tgt Ion: 95 Resp: 2316809
Ion Ratio Lower Upper
95 100
174 64.2 50.7 76.1
175 4.7 3.8 5.6



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

