

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111418\
 Data File : VL032753.D
 Acq On : 14 Nov 2018 11:04
 Operator : SY/AP
 Sample : OC111218 CAN 10791
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC111218 CAN 10791

Quant Time: Nov 15 11:11:13 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	1509864	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3719646	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3341014	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2549743	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

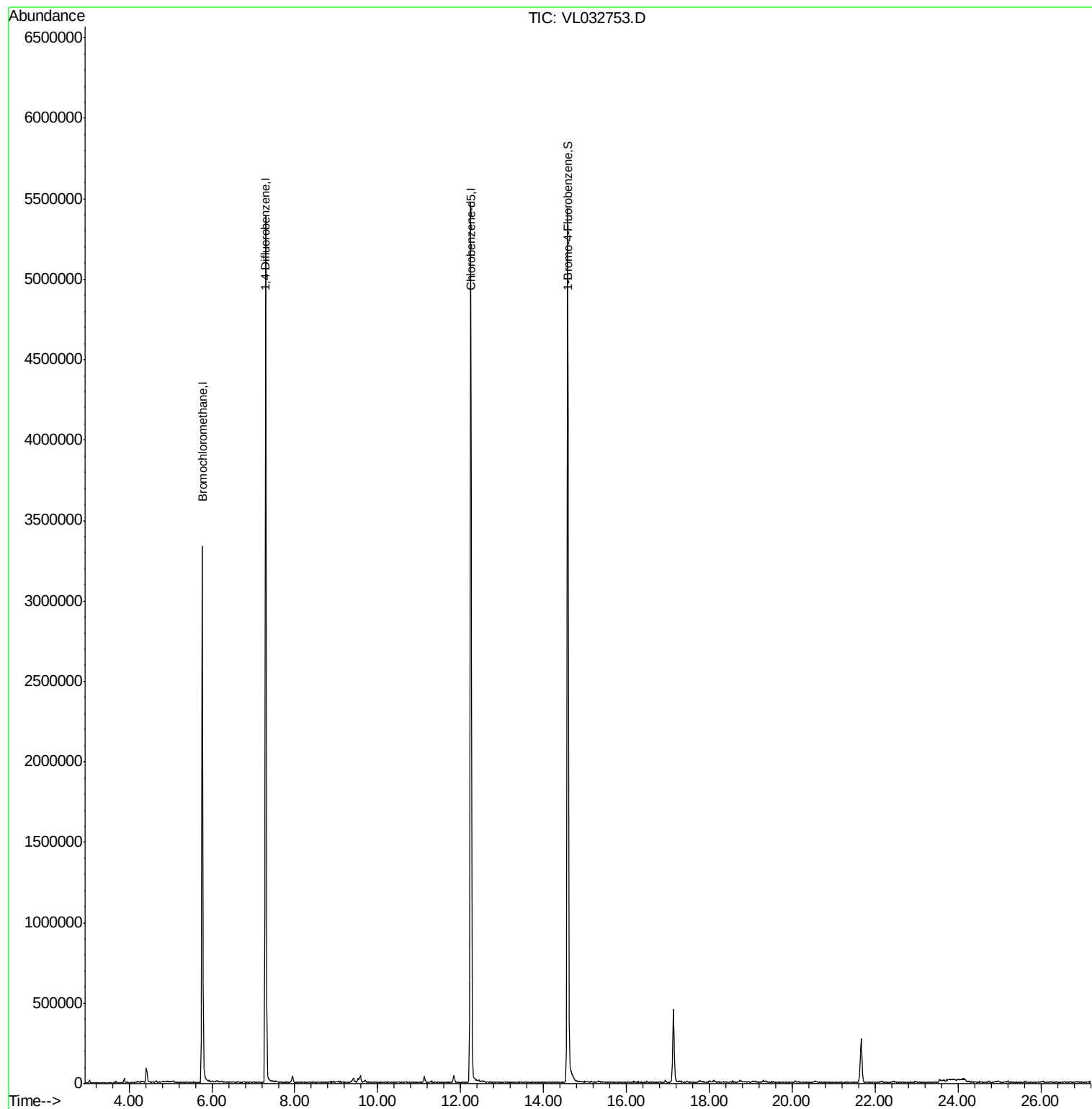
Target Compounds	Ovalue

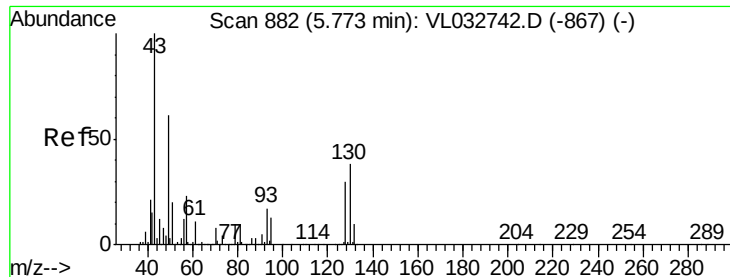
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032753.D

Acq: 14 Nov 2018 11:04

Instrument :

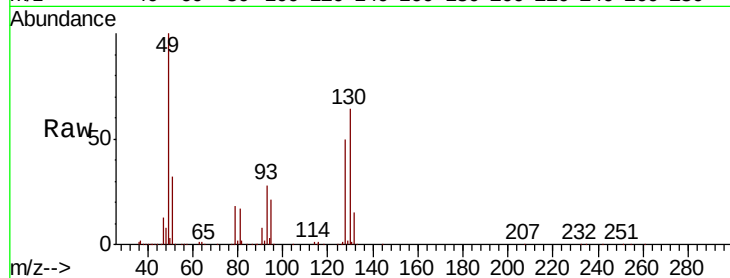
MSVOA_L

ClientSampleId :

QC111218 CAN 10791

Tot Ion: 49 Resp: 1509864

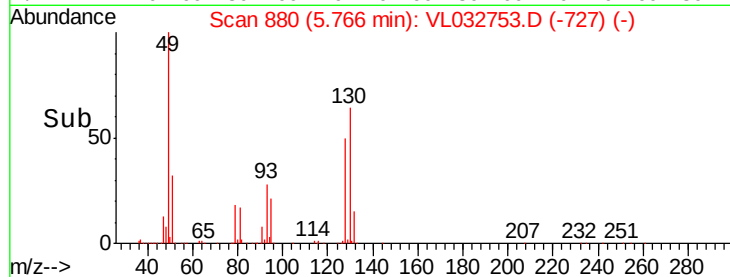
Ion	Ratio	Lower	Upper
49	100		
128	50.4	24.9	74.6
130	64.6	31.4	94.2



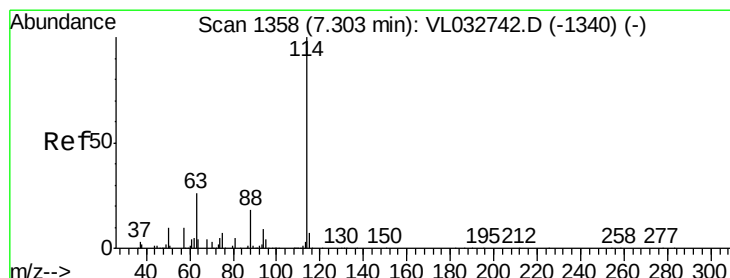
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1355

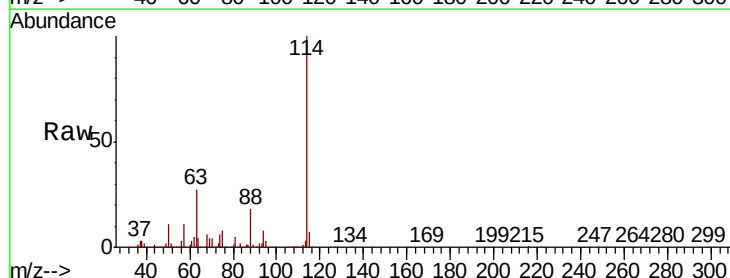
Delta R.T. -0.01 min

Lab File: VL032753.D

Acq: 14 Nov 2018 11:04

Tgt Ion:114 Resp: 3719646

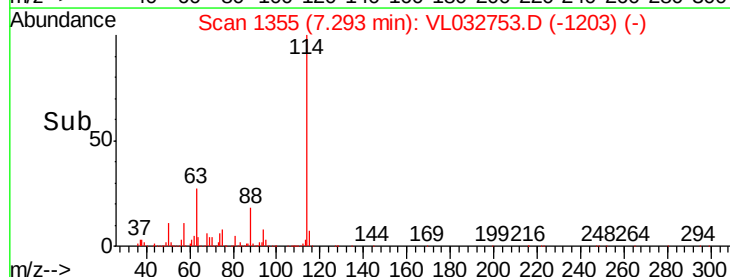
Ion	Ratio	Lower	Upper
114	100		
63	25.8	20.9	31.3
88	18.1	14.4	21.6



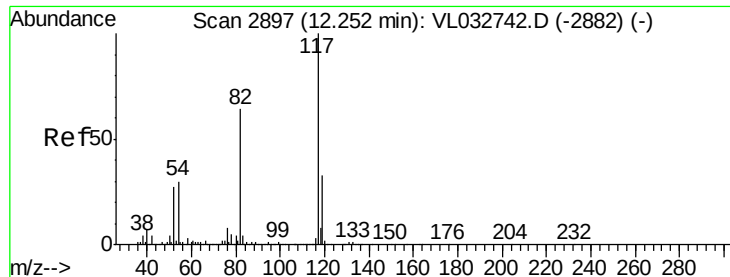
Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



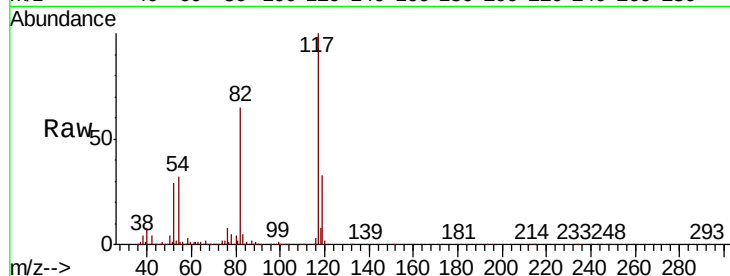
Time-->



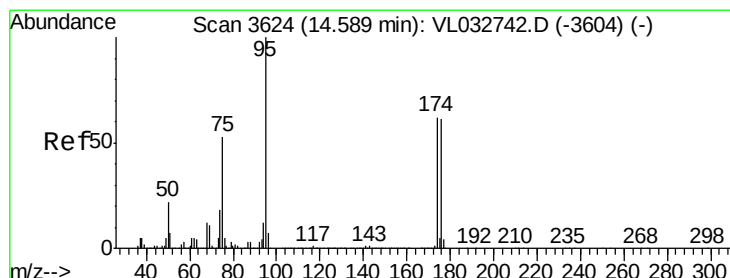
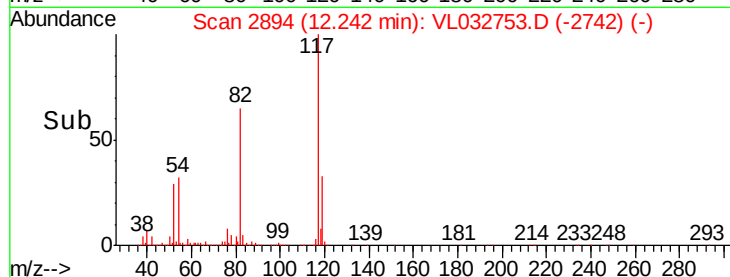
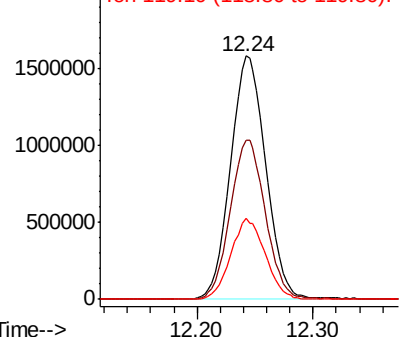
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032753.D
Acq: 14 Nov 2018 11:04

Instrument :
MSVOA_L
ClientSampleId :
QC111218 CAN 10791

Tot Ion:117 Resp: 3341014
Ion Ratio Lower Upper
117 100
82 65.8 51.0 76.6
119 32.5 28.0 42.0

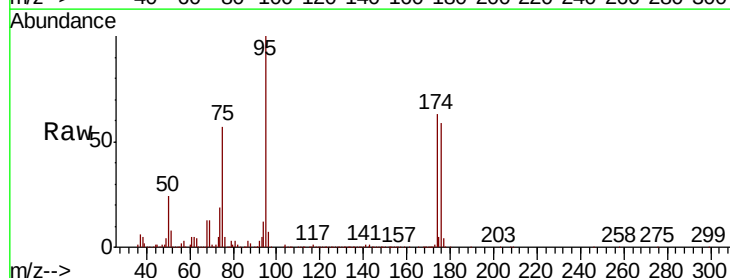


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.203 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032753.D
Acq: 14 Nov 2018 11:04

Tgt Ion: 95 Resp: 2549743
Ion Ratio Lower Upper
95 100
174 64.1 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

