

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112718\
 Data File : VL032811.D
 Acq On : 27 Nov 2018 17:32
 Operator : SY/AP
 Sample : QC112618 CAN 10439
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC112618 CAN 10439

Quant Time: Nov 28 15:43:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	1354211	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3538029	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3271557	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2362978	9.66	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.60%

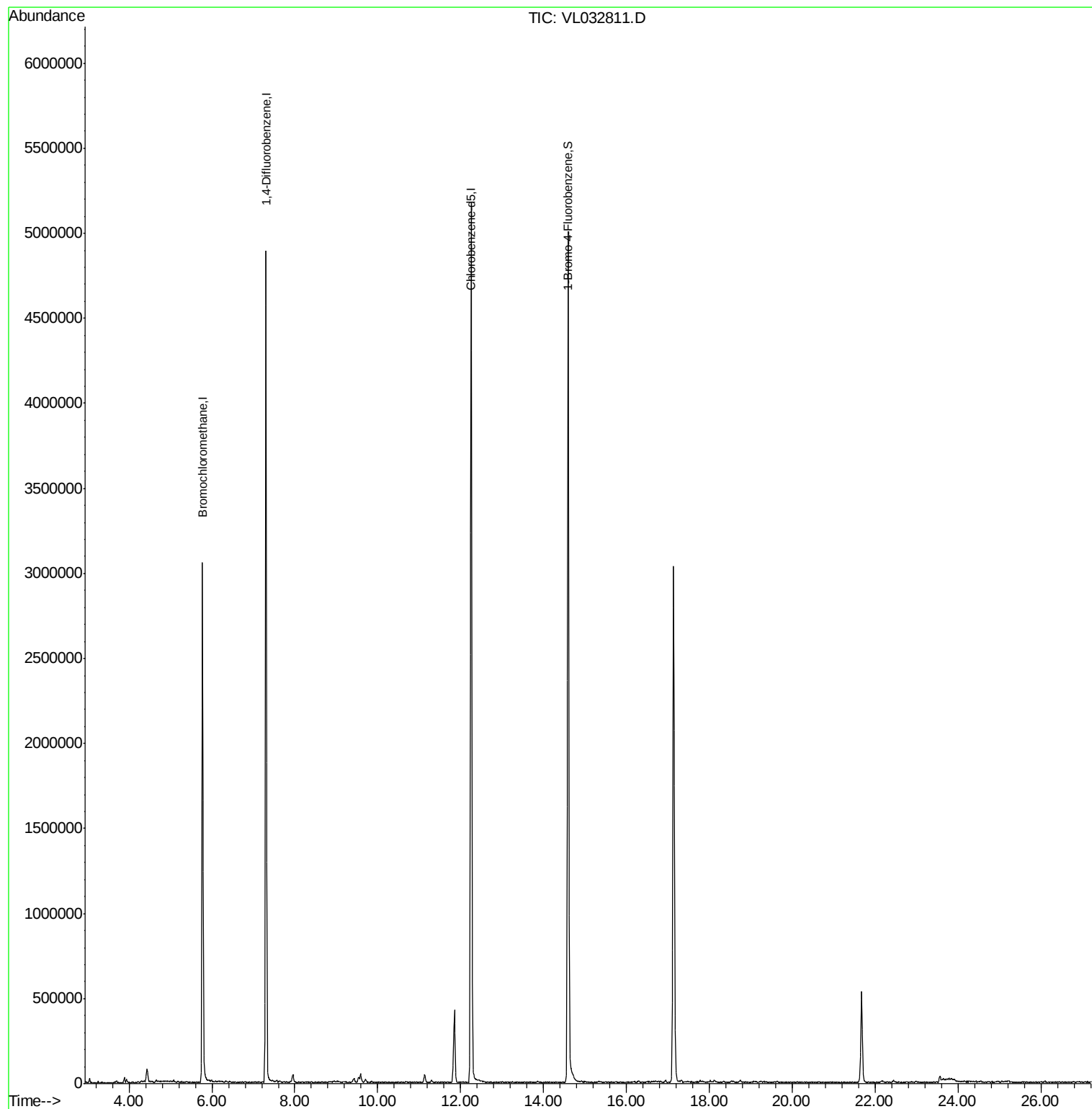
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.77 min Scan# 882

Delta R.T. 0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

QC112618 CAN 10439

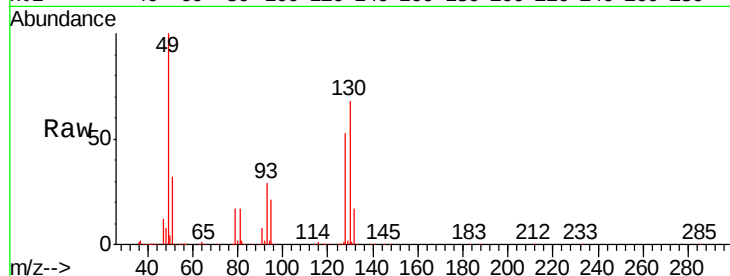
Tgt Ion: 49 Resp: 1354211

Ion Ratio Lower Upper

49 100

128 53.3 24.9 74.6

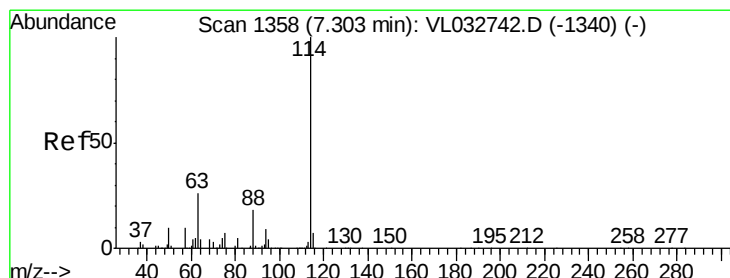
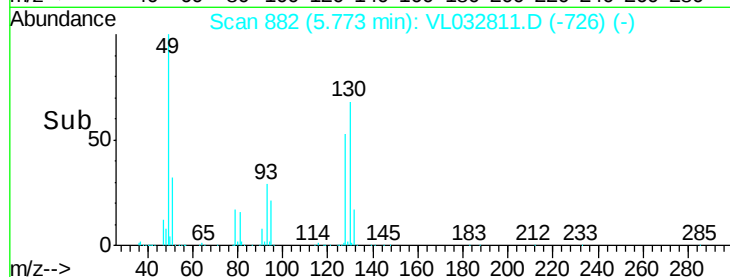
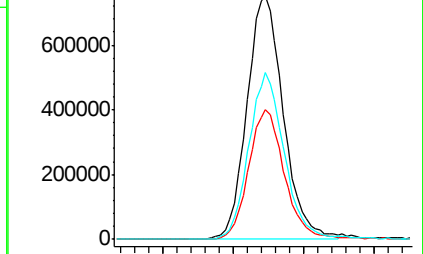
130 67.6 31.4 94.2



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: 7.30 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VL032811.D

Acq: 27 Nov 2018 17:32

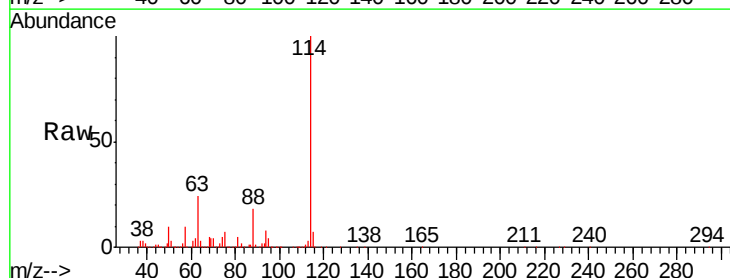
Tgt Ion: 114 Resp: 3538029

Ion Ratio Lower Upper

114 100

63 24.4 20.9 31.3

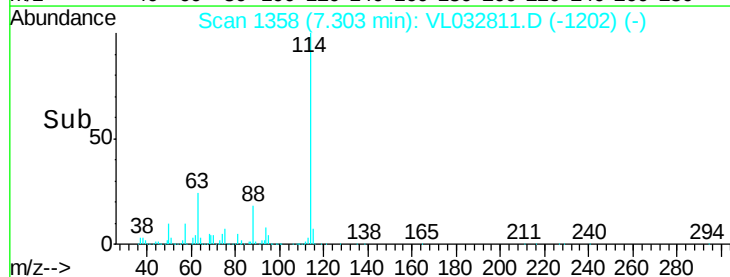
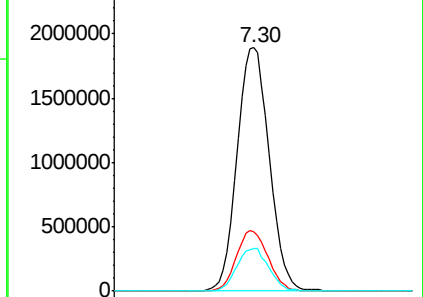
88 17.6 14.4 21.6

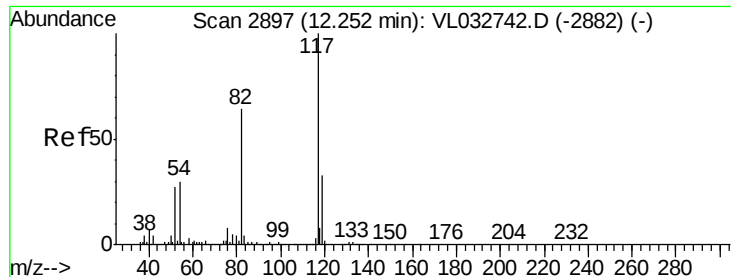


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

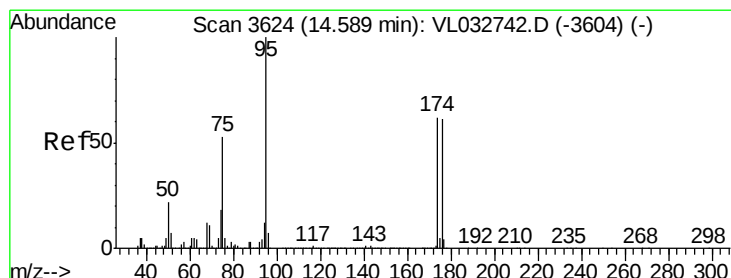
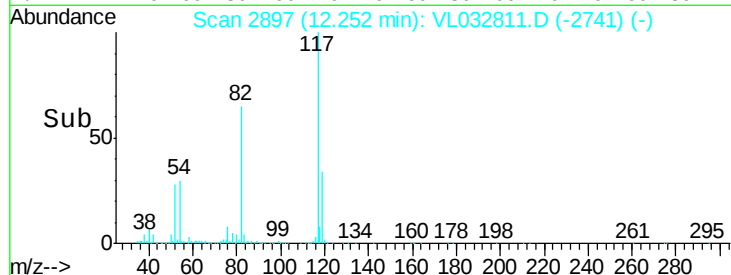
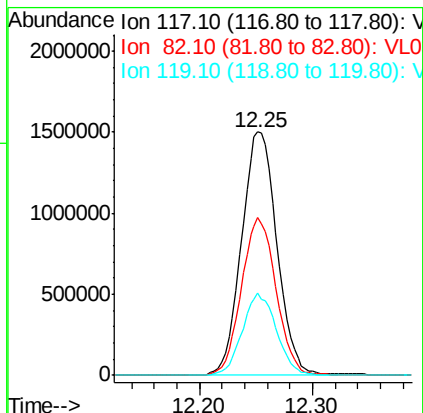
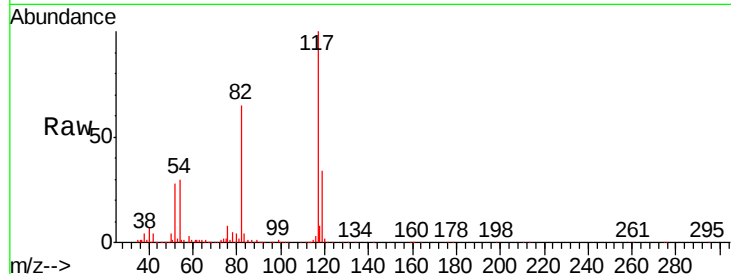




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.25 min Scan# 2897
Delta R.T. 0.00 min
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QC112618 CAN 10439

Tgt Ion: 117 Resp: 3271557
Ion Ratio Lower Upper
117 100
82 63.8 51.0 76.6
119 32.8 28.0 42.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.66 ppbv
RT: 14.59 min Scan# 3625
Delta R.T. 0.00 min
Lab File: VL032811.D
Acq: 27 Nov 2018 17:32

Tgt Ion: 95 Resp: 2362978
Ion Ratio Lower Upper
95 100
174 67.2 50.7 76.1
175 4.9 3.8 5.6

