

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110718\
 Data File : VL032738.D
 Acq On : 8 Nov 2018 5:07
 Operator : SY/AP
 Sample : OC110118 CAN 10278
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC110118 CAN 10278

Quant Time: Nov 08 12:00:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Oct 25 05:15:43 2018
 QLast Update : Thu Oct 25 05:15:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1209197	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.30	114	3118981	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.25	117	2948266	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2311536	10.53	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.30%

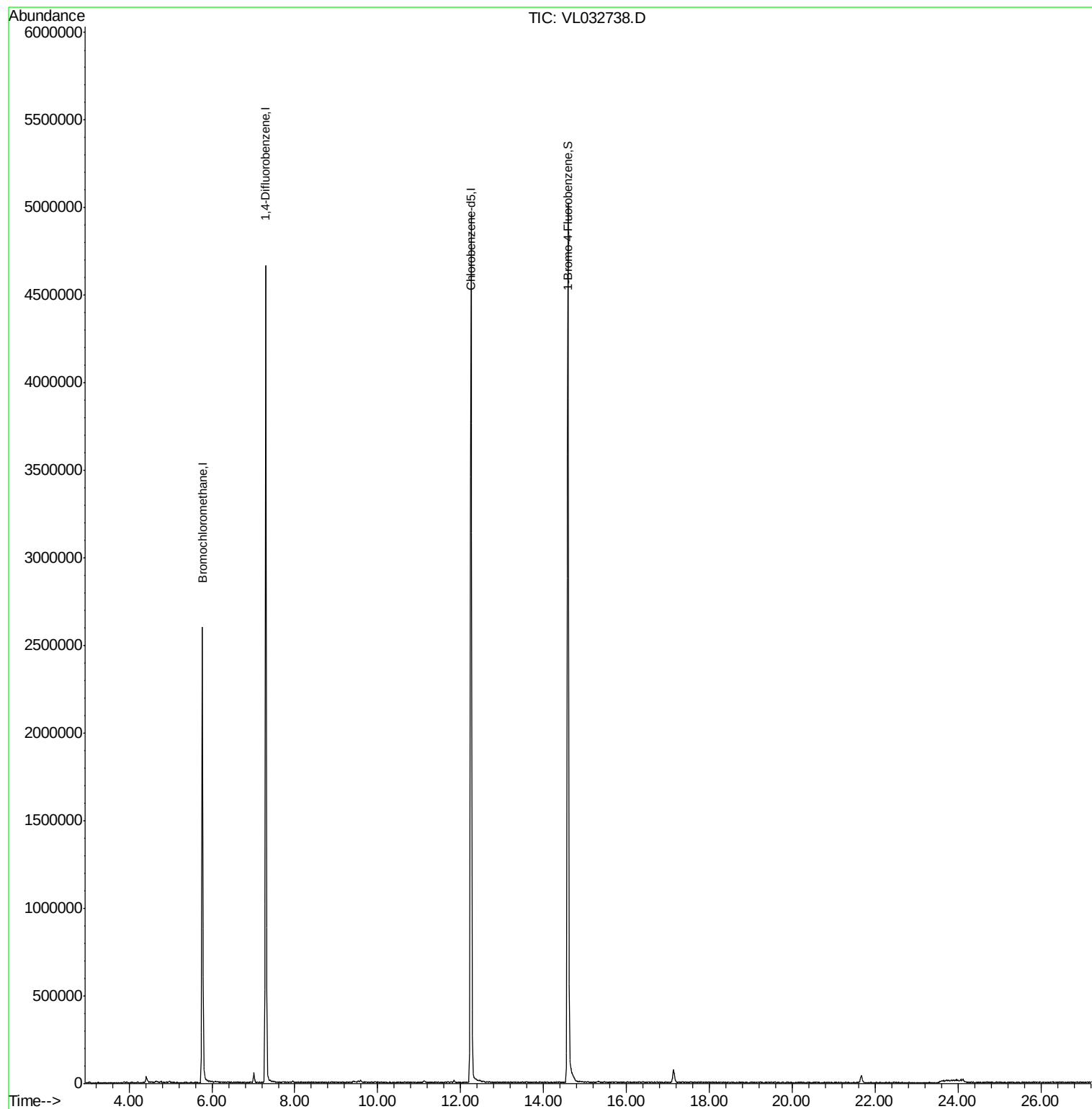
Target Compounds	Ovalue

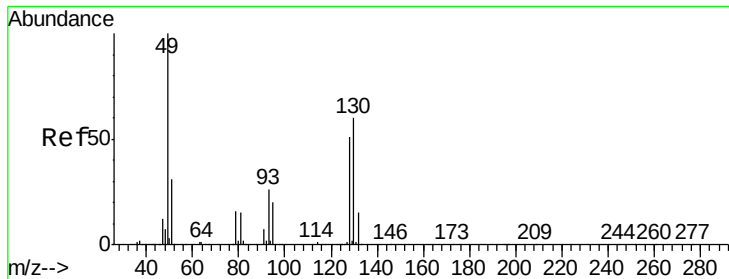
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032738.D

Acq: 8 Nov 2018 5:07

Instrument :

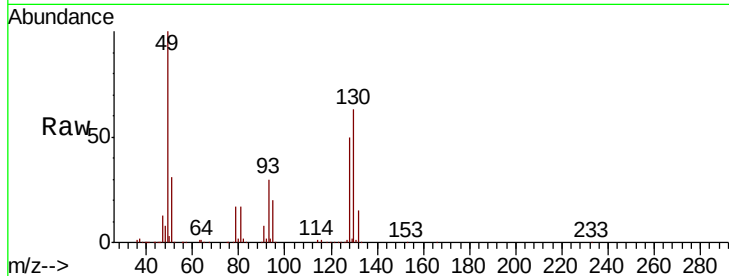
MSVOA_L

ClientSampleId :

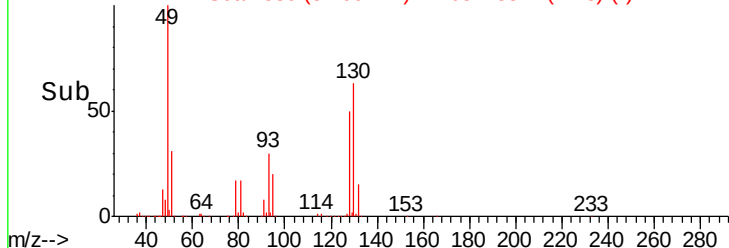
QC110118 CAN 10278

Tot Ion: 49 Resp: 1209197

Ion	Ratio	Lower	Upper
49	100		
128	50.0	22.3	66.8
130	63.1	28.4	85.3



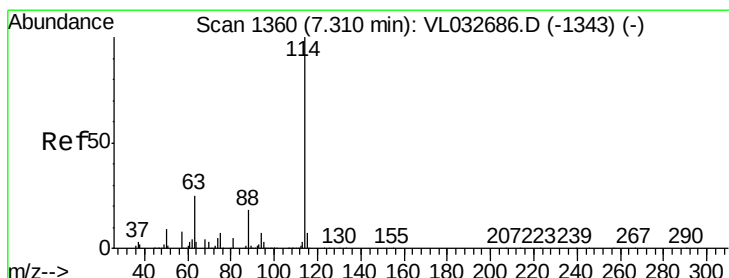
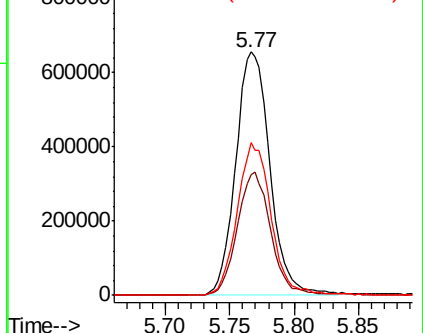
Scan 880 (5.766 min): VL032738.D (-728) (-)



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: 10.000 ppbv

RT: 7.30 min Scan# 1356

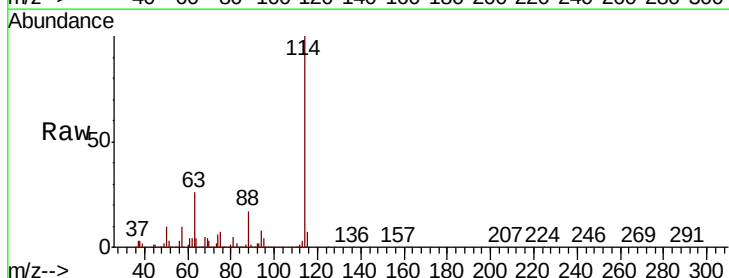
Delta R.T. -0.01 min

Lab File: VL032738.D

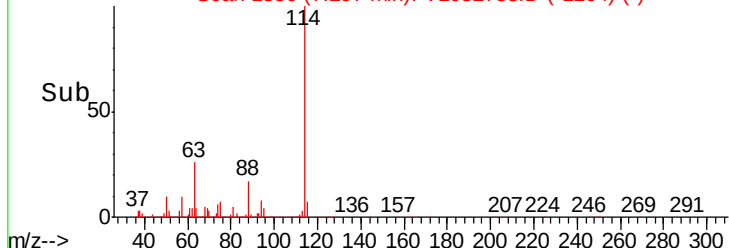
Acq: 8 Nov 2018 5:07

Tgt Ion: 114 Resp: 3118981

Ion	Ratio	Lower	Upper
114	100		
63	26.6	21.7	32.5
88	18.2	14.9	22.3



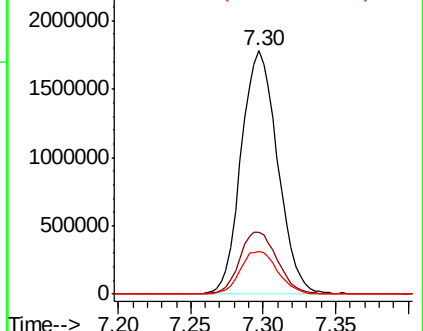
Scan 1356 (7.297 min): VL032738.D (-1204) (-)

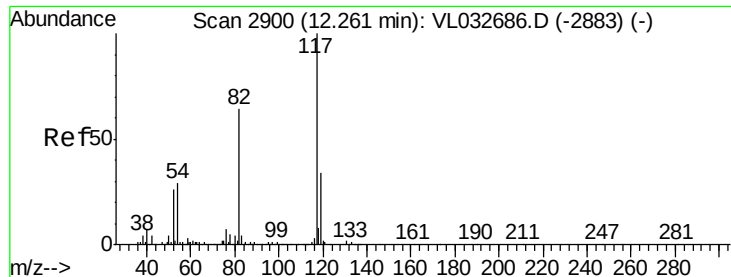


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2896

Delta R.T. -0.01 min

Lab File: VL032738.D

Acq: 8 Nov 2018 5:07

Instrument :

MSVOA_L

ClientSampleId :

QC110118 CAN 10278

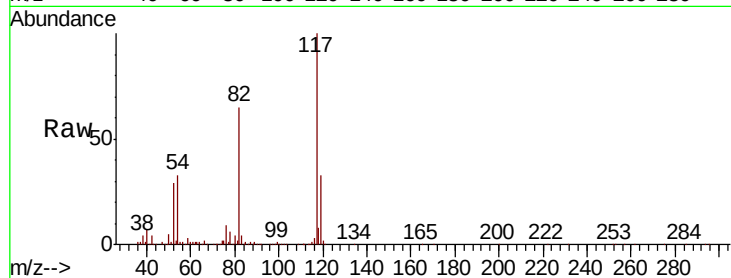
Tot Ion:117 Resp: 2948266

Ion Ratio Lower Upper

117 100

82 66.2 52.7 79.1

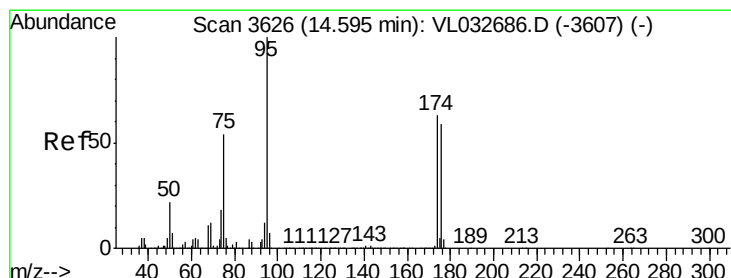
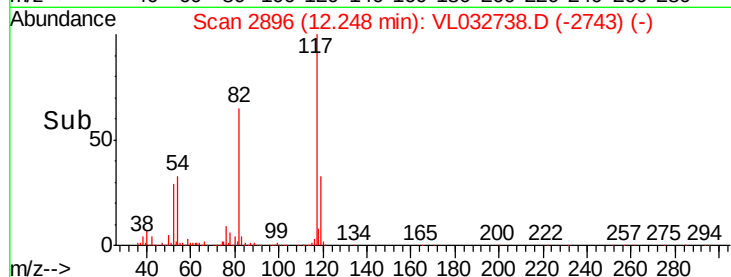
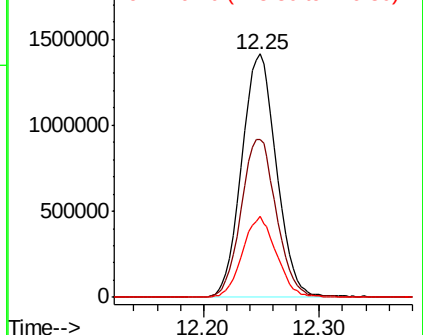
119 32.6 26.7 40.1



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: 10.530 ppbv

RT: 14.59 min Scan# 3623

Delta R.T. -0.01 min

Lab File: VL032738.D

Acq: 8 Nov 2018 5:07

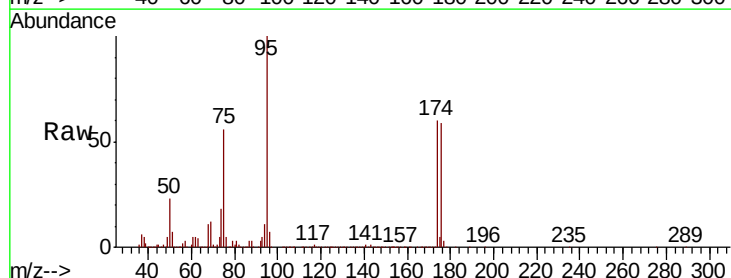
Tgt Ion: 95 Resp: 2311536

Ion Ratio Lower Upper

95 100

174 63.9 46.0 69.0

175 4.7 3.4 5.0



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

