

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102021\
Data File : VL037884.D
Acq On : 20 Oct 2021 12:45
Operator : SY/AP
Sample : CAN 10602
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10602

Quant Time: Oct 25 11:41:03 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1071064	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3132971	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2586522	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1839613	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

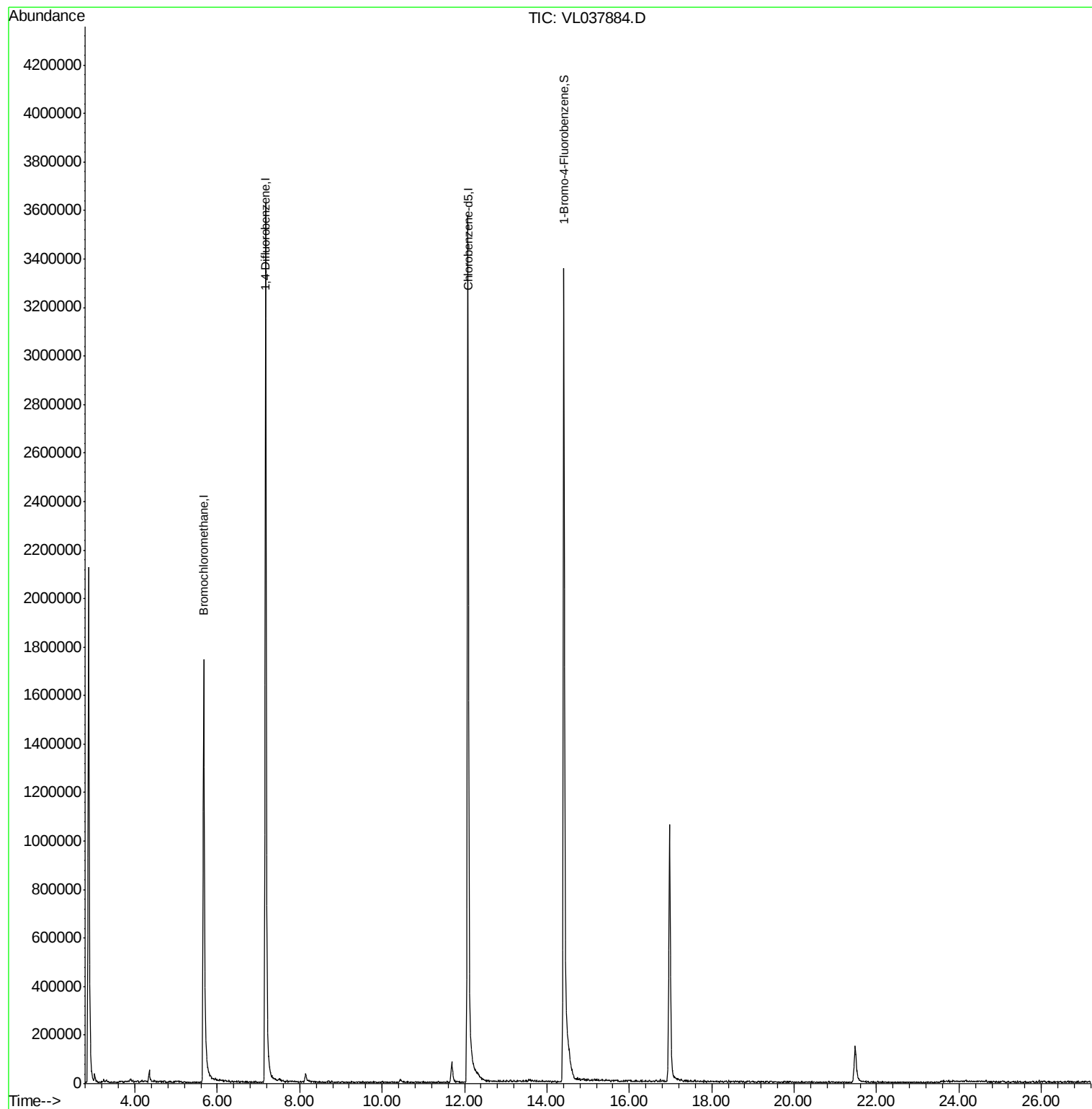
Target Compounds	Ovalue
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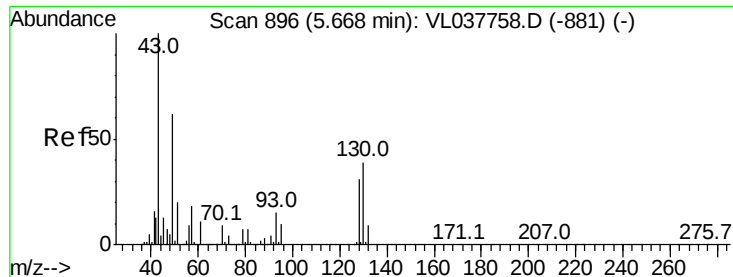
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: CAN 10602

Acq: 20 Oct 2021 12:45

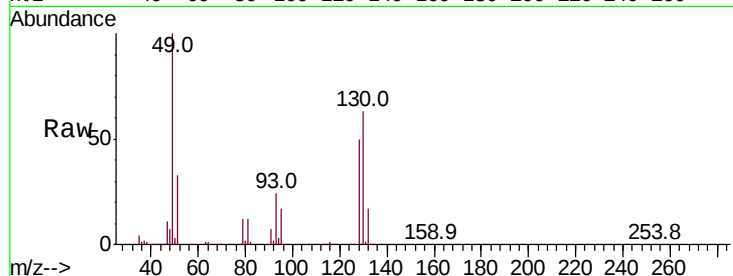
Tot Ion: 49 Resp: 1071064

Ion Ratio Lower Upper

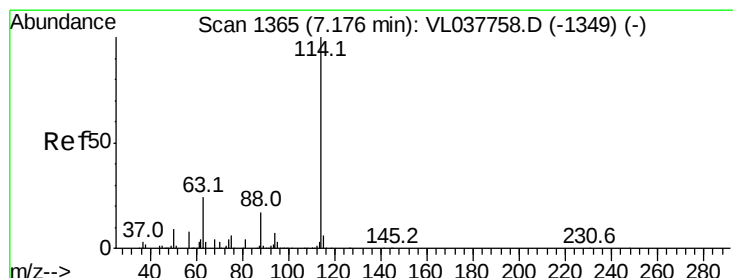
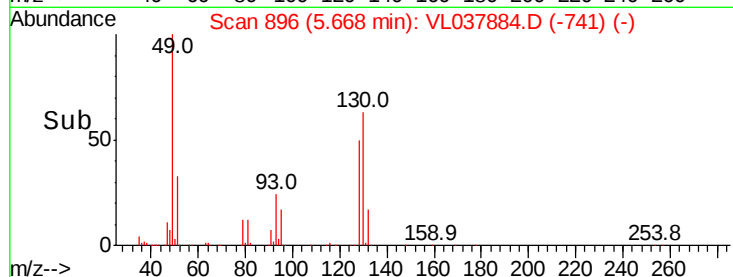
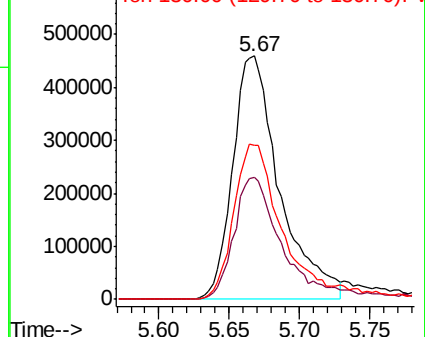
49 100

128 53.6 27.1 81.3

130 69.3 33.2 99.6



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: 7.17 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VL037884.D

Acq: 20 Oct 2021 12:45

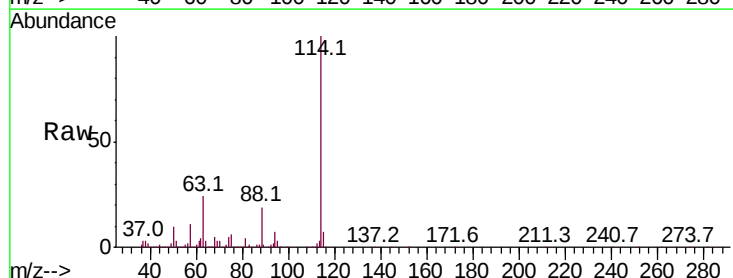
Tgt Ion: 114 Resp: 3132971

Ion Ratio Lower Upper

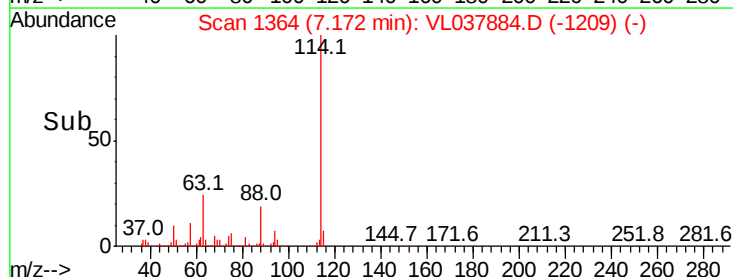
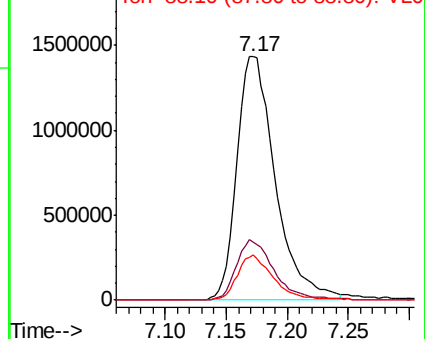
114 100

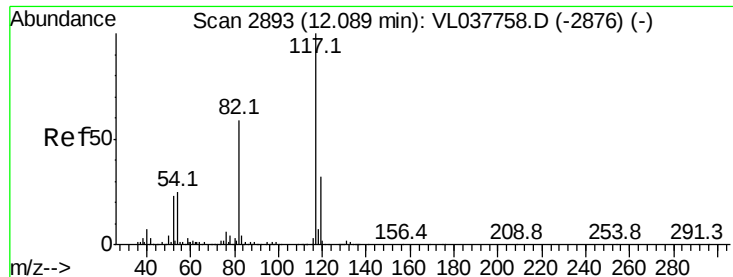
63 24.7 19.4 29.2

88 17.8 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

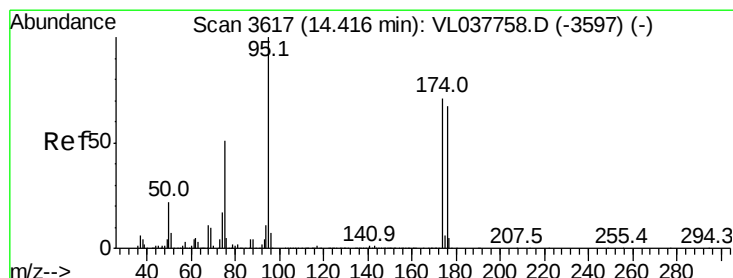
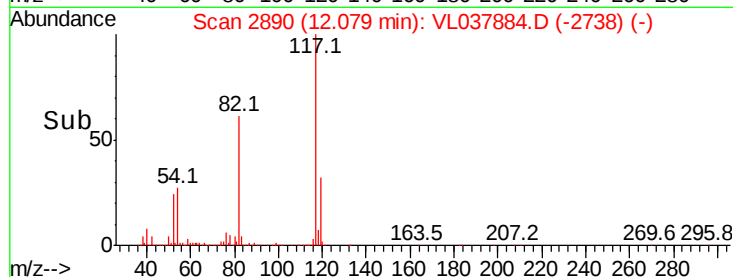
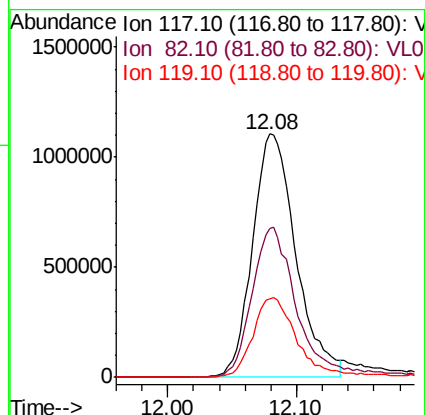
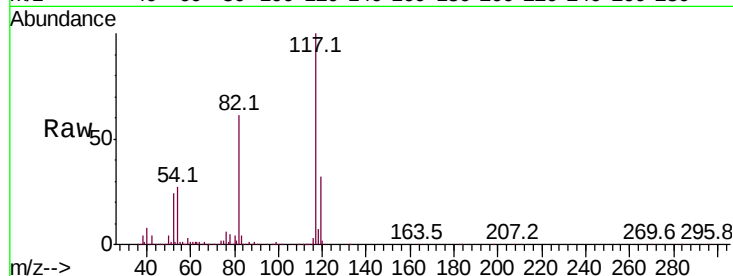




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
CAN 10602
Acq: 20 Oct 2021 12:45

Tot Ion: 117 Resp: 2586522

Ion	Ratio	Lower	Upper
117	100		
82	66.4	52.2	78.2
119	35.3	26.0	39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.171 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL037884.D
Acq: 20 Oct 2021 12:45

Tgt Ion: 95 Resp: 1839613

Ion	Ratio	Lower	Upper
95	100		
174	76.6	57.8	86.6
175	5.5	4.7	7.1

