

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
Data File : VL038984.D
Acq On : 5 May 2022 22:34
Operator : SY/AP
Sample : QC042522 CAN 10283
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC042522 CAN 10283

Quant Time: May 06 10:52:20 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 07:41:27 2022
QLast Update : Thu May 05 07:41:27 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1013033	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2315810	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1920704	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1582036	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

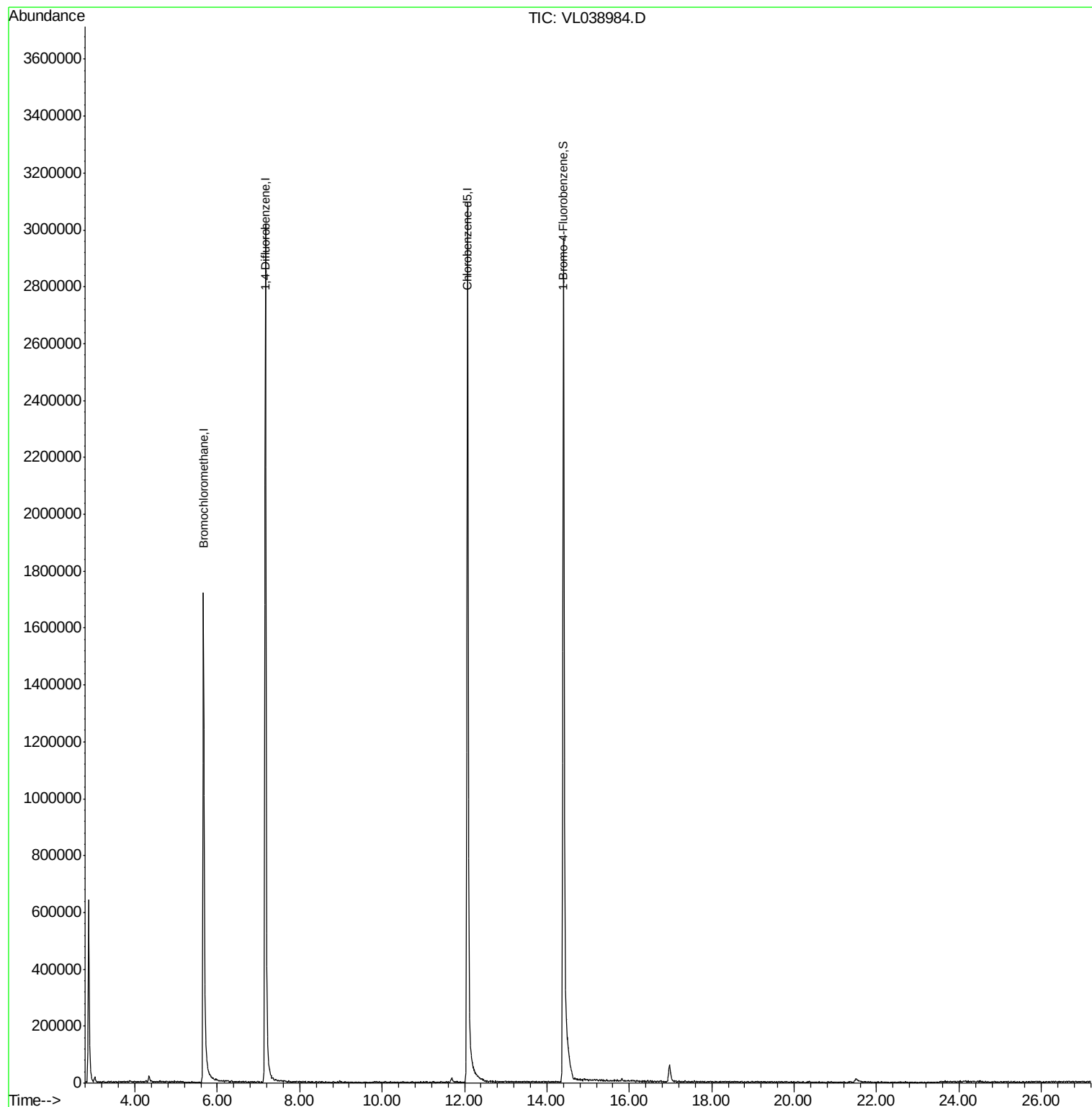
Target Compounds	Ovalue
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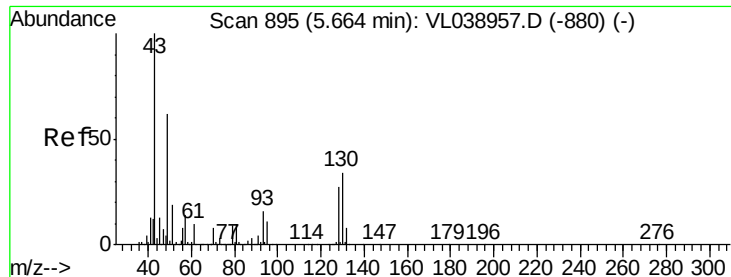
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 5 May 2022 22:34

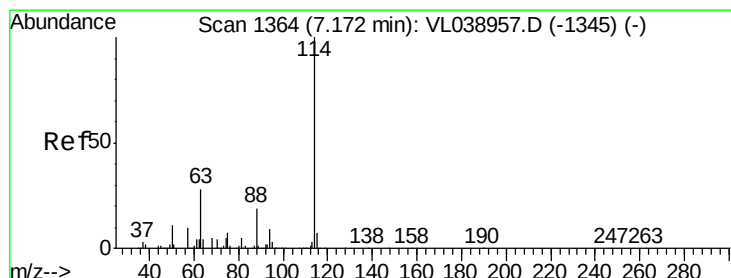
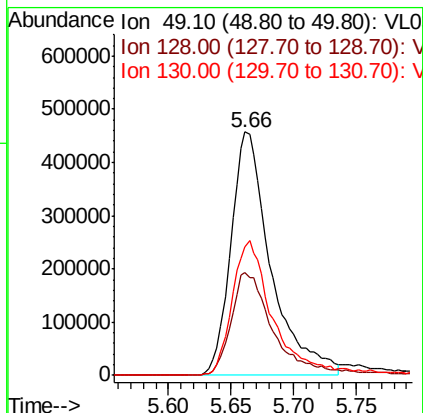
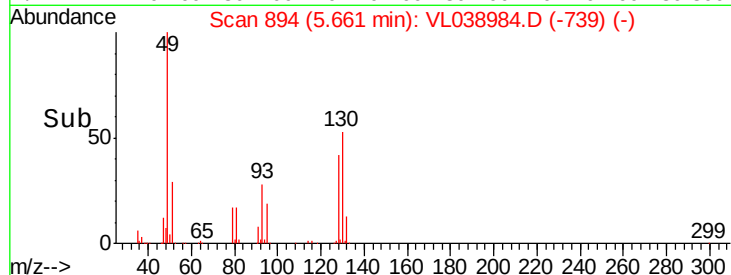
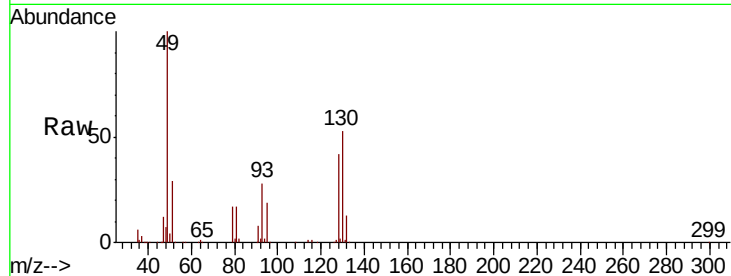
Tot Ion: 49 Resp: 1013033

Ion Ratio Lower Upper

49 100

128 46.0 23.3 69.8

130 58.3 29.8 89.3



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VL038984.D

Acq: 5 May 2022 22:34

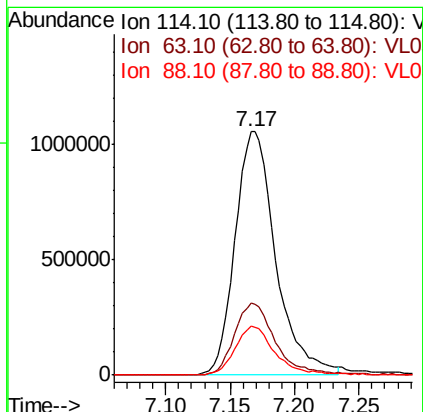
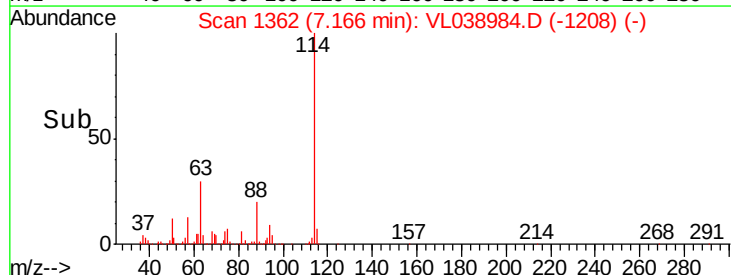
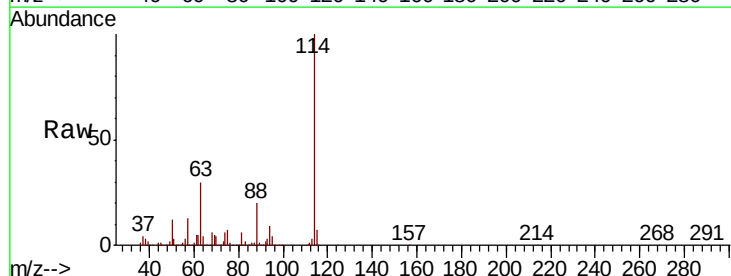
Tgt Ion: 114 Resp: 2315810

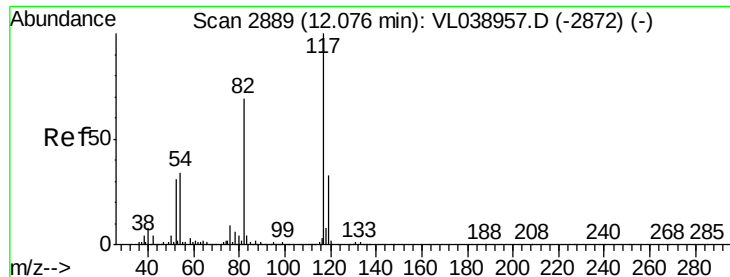
Ion Ratio Lower Upper

114 100

63 30.5 22.6 33.8

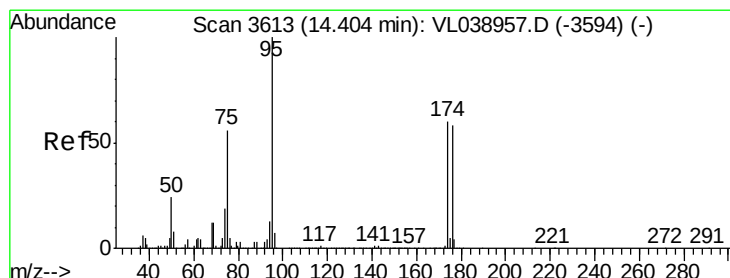
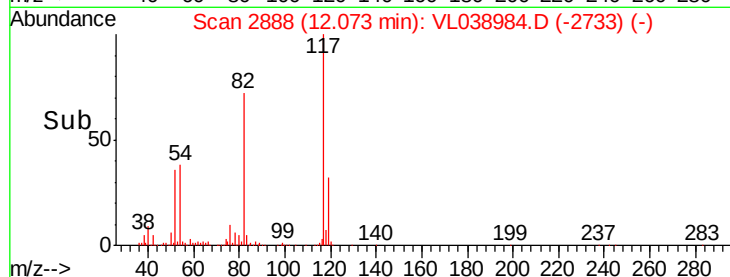
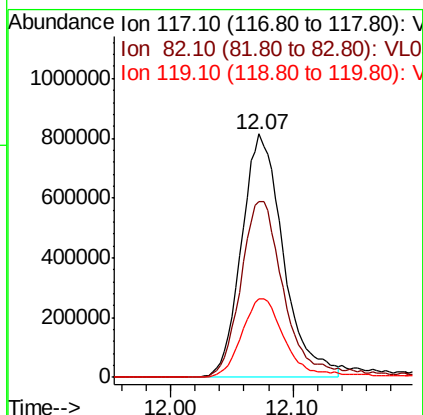
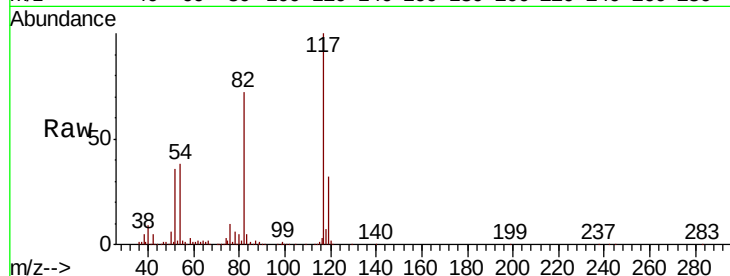
88 20.1 15.4 23.0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample ID:
 Lab File: QC042522 CAN 10283
 Acq: 5 May 2022 22:34

Tot Ion: 117 Resp: 1920704
 Ion Ratio Lower Upper
 117 100
 82 76.1 57.0 85.6
 119 34.4 27.2 40.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.401 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T.: -0.00 min
 Lab File: VL038984.D
 Acq: 5 May 2022 22:34

Tgt Ion: 95 Resp: 1582036
 Ion Ratio Lower Upper
 95 100
 174 63.2 50.8 76.2
 175 4.6 3.8 5.6

