

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
Data File : VL038983.D
Acq On : 5 May 2022 21:56
Operator : SY/AP
Sample : OC042122 CAN 10602
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC040222 CAN 10602

Quant Time: May 06 08:57:35 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	1021220	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2435220	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1993088	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1629556	10.32	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

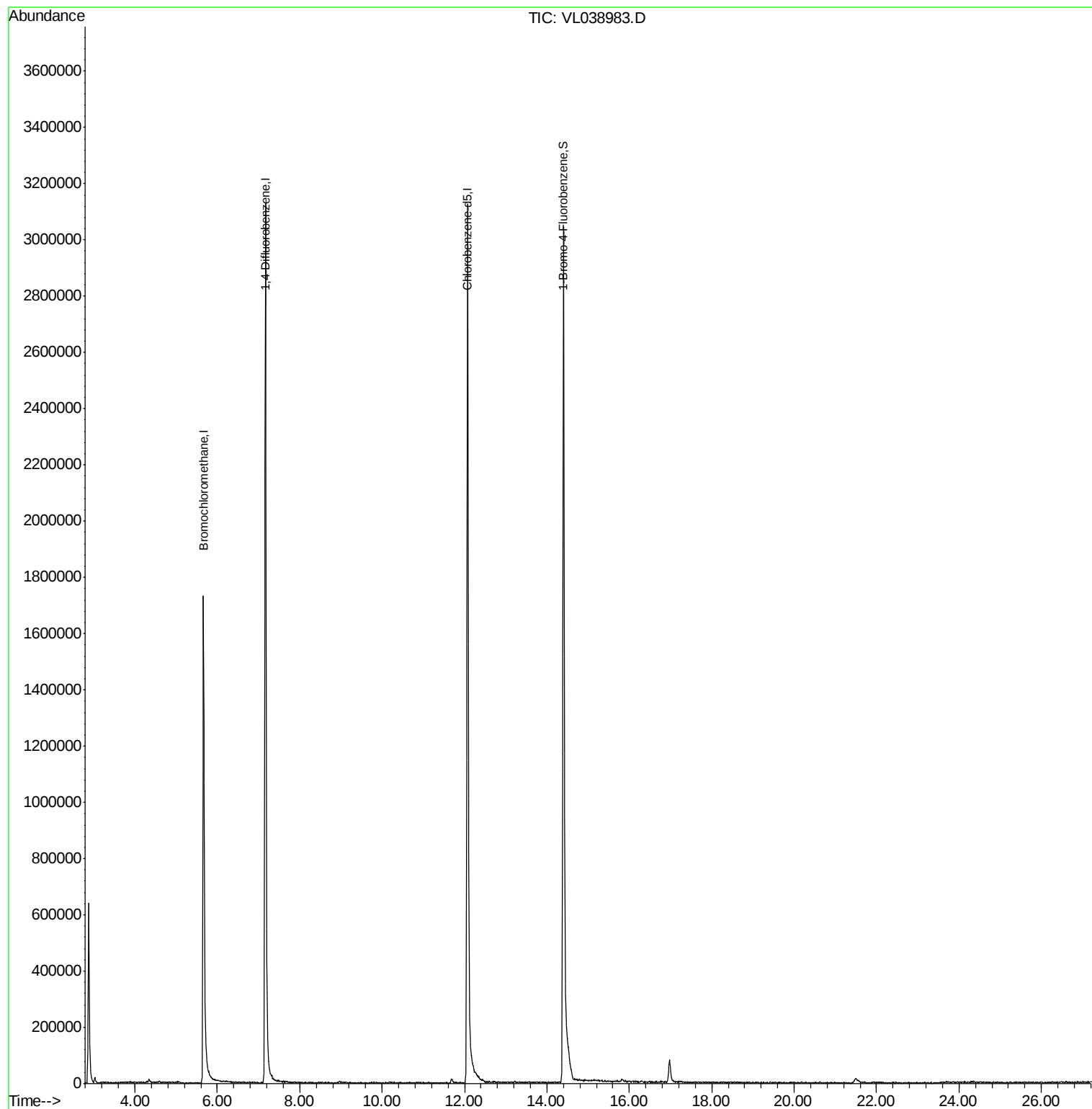
Target Compounds	Ovalue
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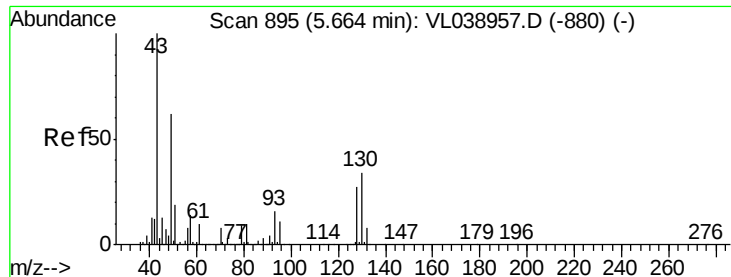
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 21:50

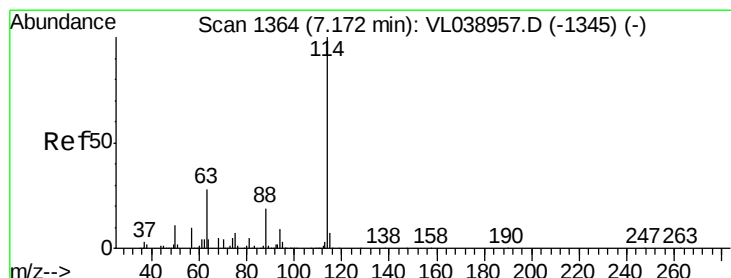
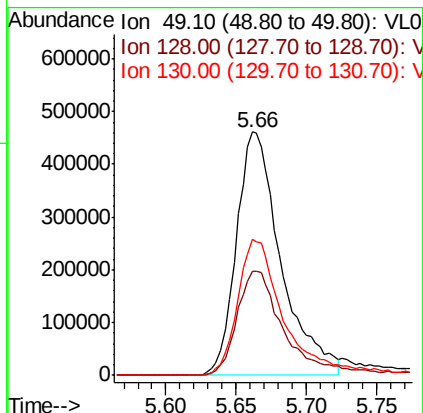
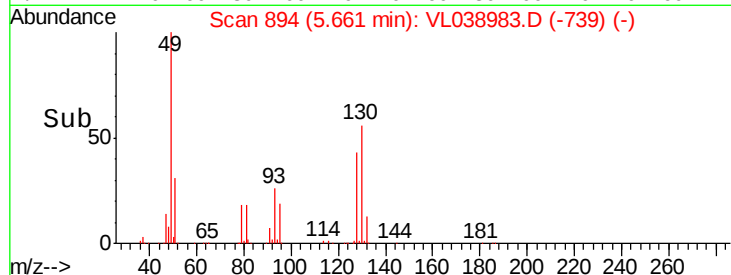
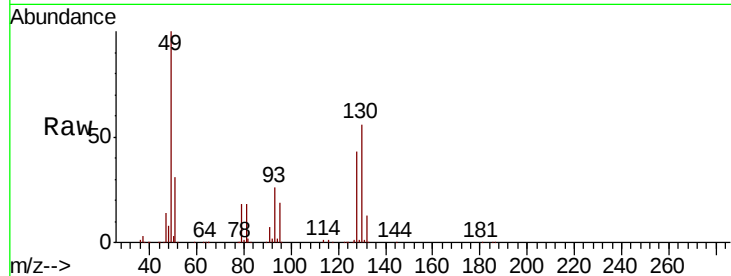
Tot Ion: 49 Resp: 1021220

Ion Ratio Lower Upper

49 100

128 48.0 23.3 69.8

130 60.0 29.8 89.3



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VL038983.D

Acq: 5 May 2022 21:56

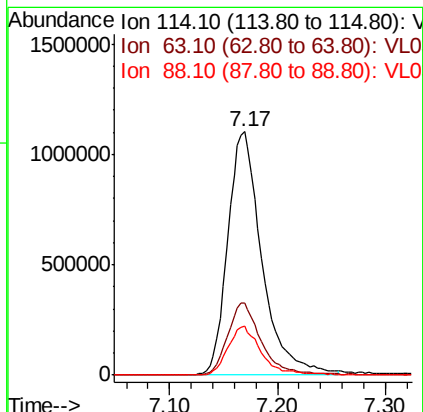
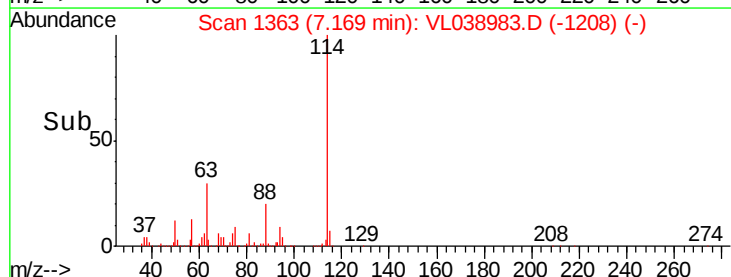
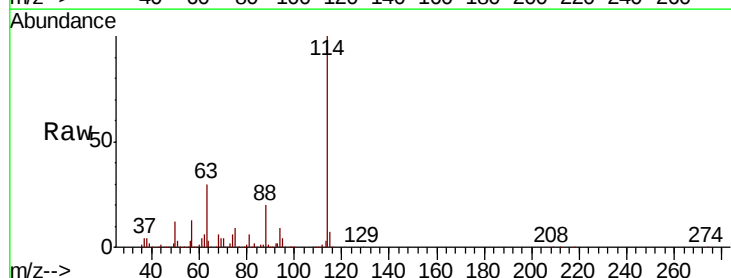
Tgt Ion: 114 Resp: 2435220

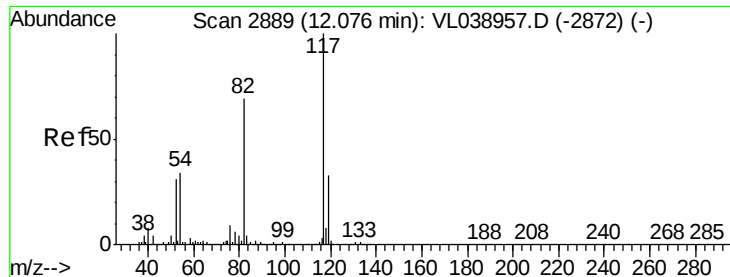
Ion Ratio Lower Upper

114 100

63 29.8 22.6 33.8

88 19.7 15.4 23.0

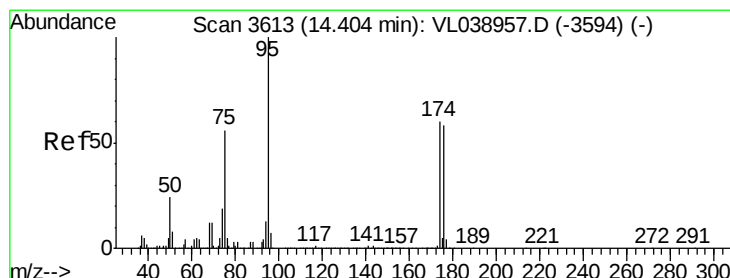
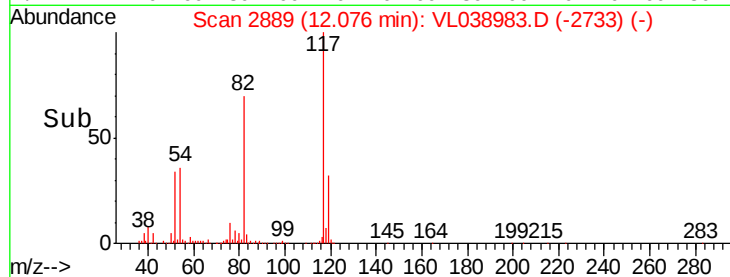
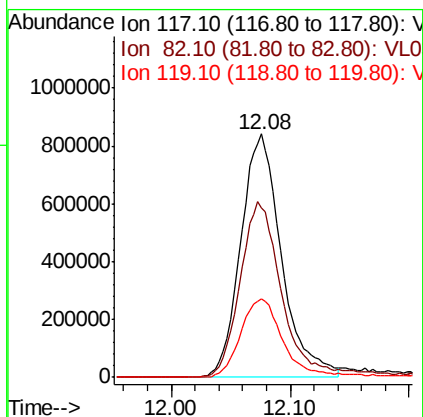
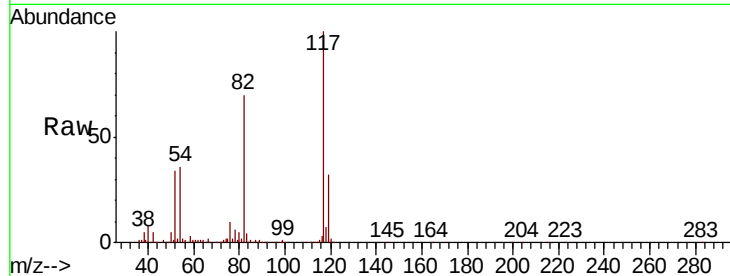




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
OC040222 CAN 10602
Acq: 5 May 2022 21:50

Tot Ion:117 Resp: 1993088

Ion	Ratio	Lower	Upper
117	100		
82	78.0	57.0	85.6
119	34.7	27.2	40.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.324 ppbv
RT: 14.40 min Scan# 3613
Delta R.T.: 0.00 min
Lab File: VL038983.D
Acq: 5 May 2022 21:56

Tgt Ion: 95 Resp: 1629556

Ion	Ratio	Lower	Upper
95	100		
174	63.3	50.8	76.2
175	4.2	3.8	5.6

