

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
Data File : VL038938.D
Acq On : 15 Apr 2022 8:00
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA L
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Apr 15 09:58:02 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1168595	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3078833	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	2772160	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2067090	9.83	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

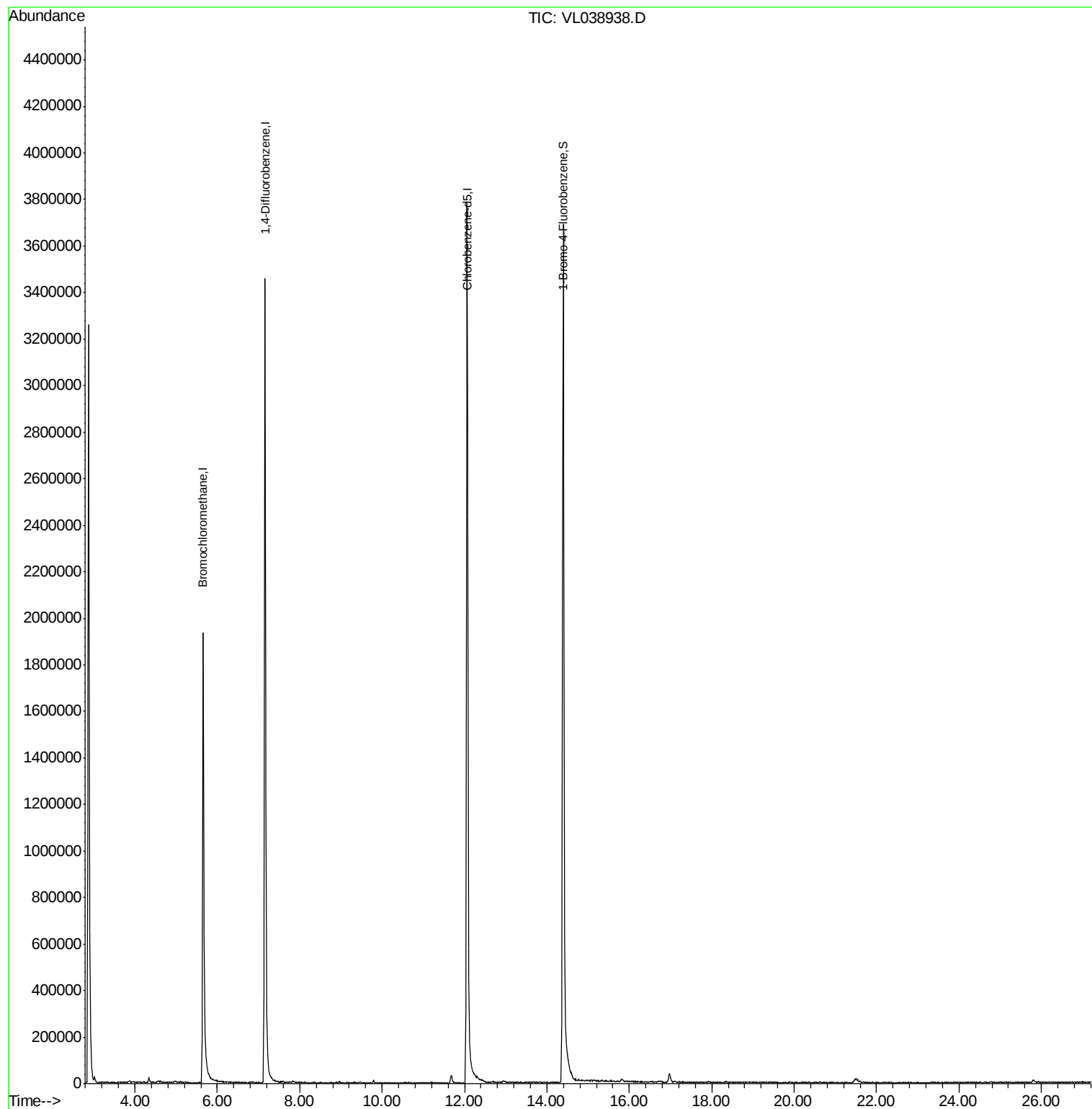
Target Compounds	Ovalue
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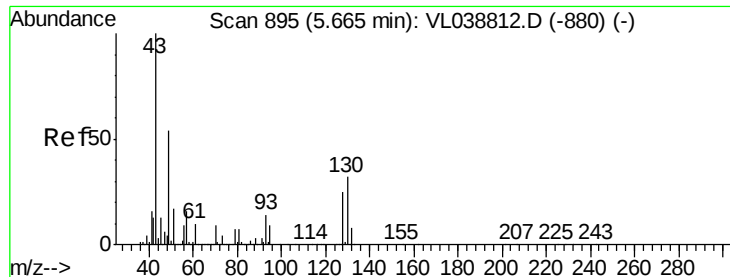
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL041422\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VIBLK

Acq: 15 Apr 2022 8:00

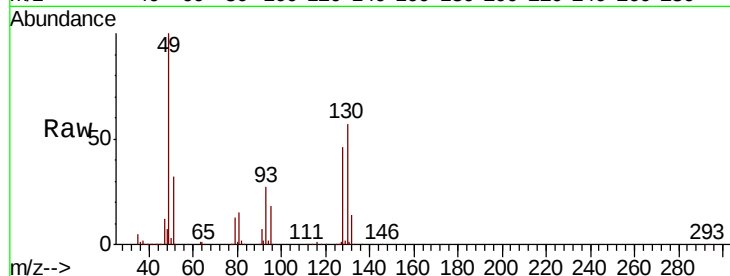
Tot Ion: 49 Resp: 1168595

Ion Ratio Lower Upper

49 100

128 49.5 24.1 72.3

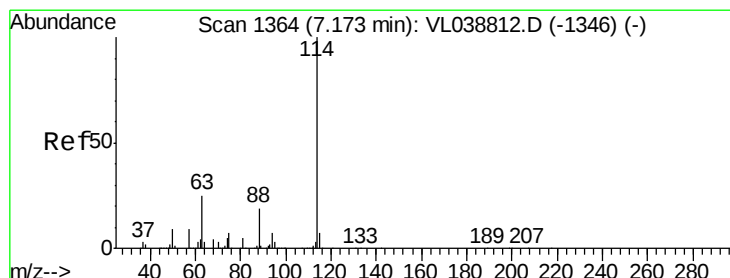
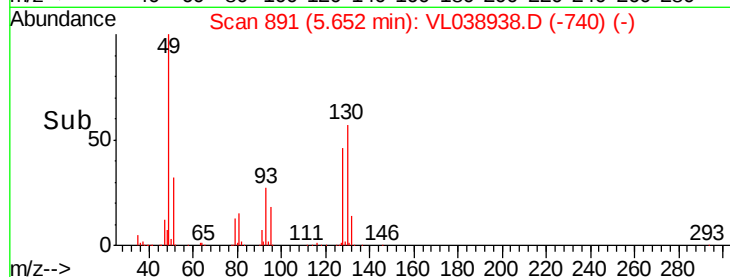
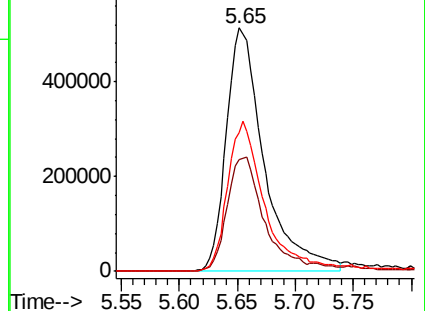
130 61.9 30.9 92.8



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: 7.16 min Scan# 1360

Delta R.T. -0.01 min

Lab File: VL038938.D

Acq: 15 Apr 2022 8:00

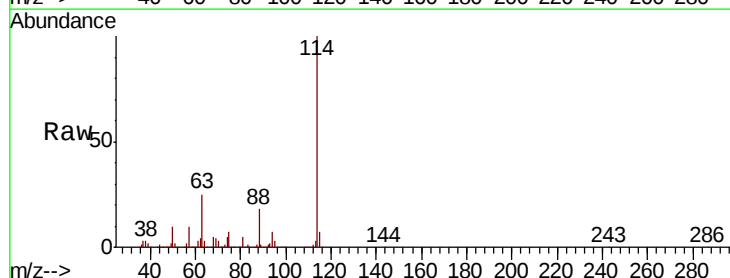
Tgt Ion: 114 Resp: 3078833

Ion Ratio Lower Upper

114 100

63 25.3 19.8 29.8

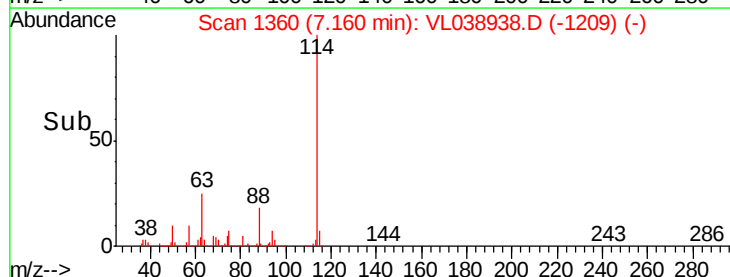
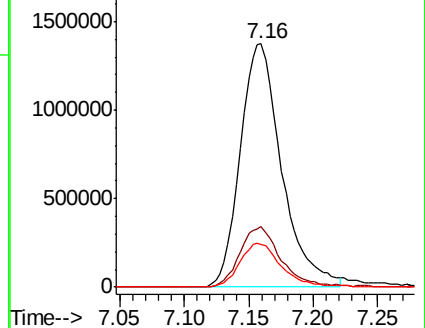
88 18.7 14.2 21.4

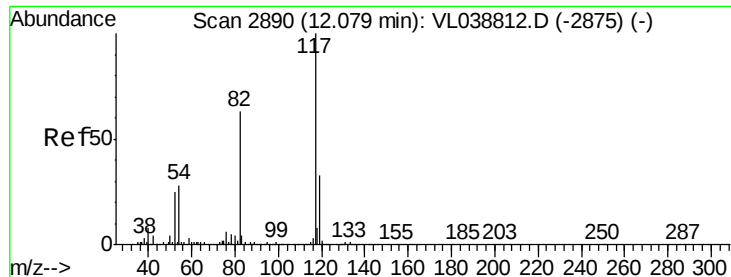


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

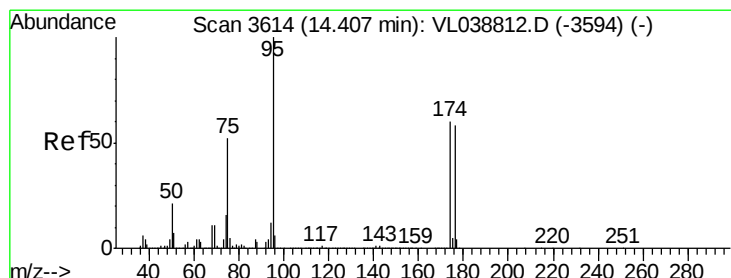
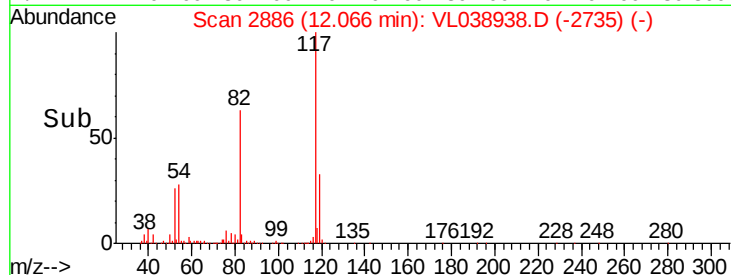
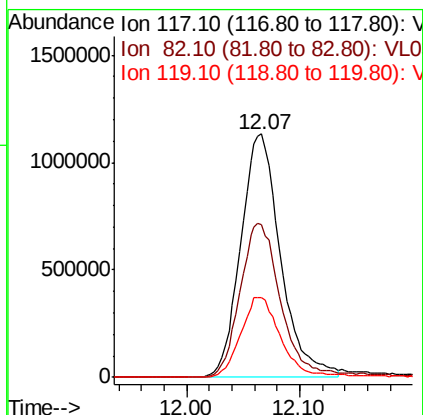
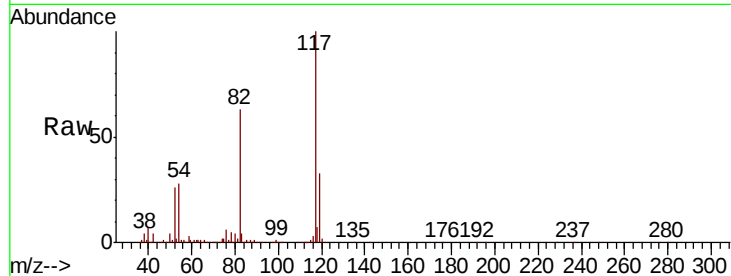
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 15 Apr 2022 8:00

Tot Ion: 117 Resp: 2772160
 Ion Ratio Lower Upper
 117 100
 82 68.0 53.0 79.6
 119 34.2 24.9 37.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.830 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T.: -0.01 min
 Lab File: VL038938.D
 Acq: 15 Apr 2022 8:00

Tgt Ion: 95 Resp: 2067090
 Ion Ratio Lower Upper
 95 100
 174 67.7 52.0 78.0
 175 4.9 4.0 6.0

