

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
Data File : VL038921.D
Acq On : 14 Apr 2022 16:52
Operator : SY/AP
Sample : QC041322 CAN 10413
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC041322 CAN 10413

Quant Time: Apr 15 09:24:33 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	5.68	49	1189129	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2792166	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2309350	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1948642	11.12	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.20%

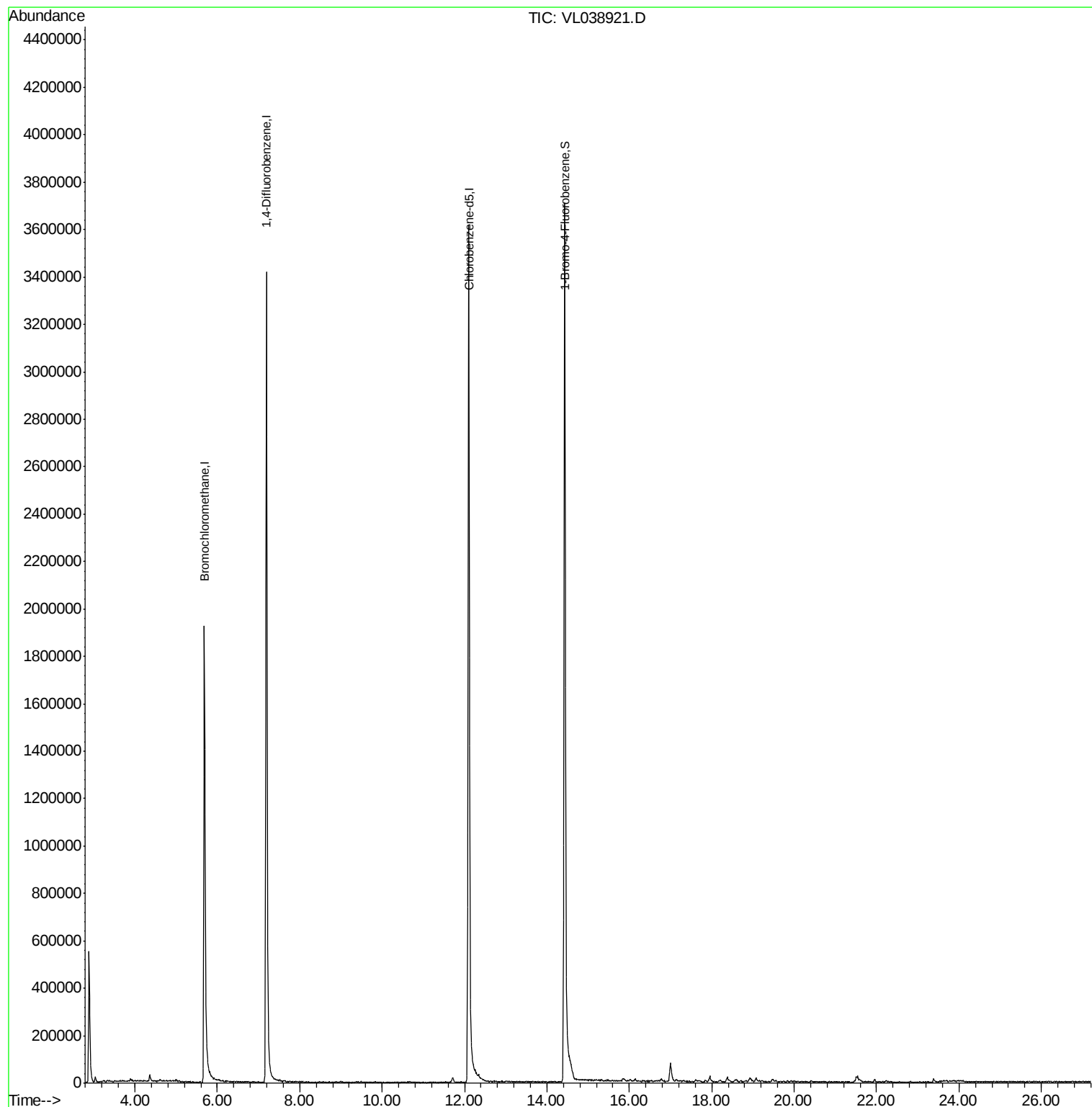
Target Compounds	Ovalue
------------------	--------

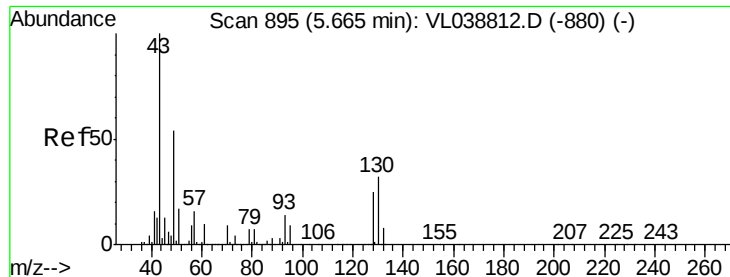
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL041422\
Data File : VL038921.D
Acq On : 14 Apr 2022 16:52
Operator : SY/AP
Sample : OC041322 CAN 10413
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC041322 CAN 10413

Quant Time: Apr 15 09:24:33 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Apr 2022 16:52

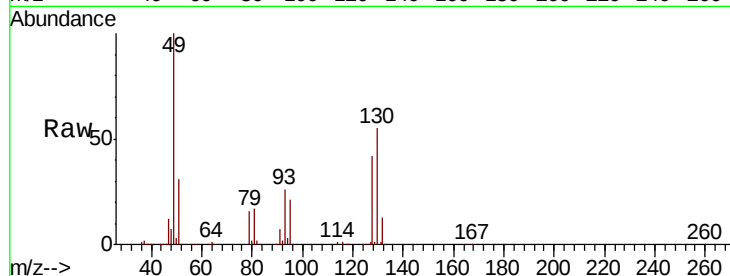
Tot Ion: 49 Resp: 1189129

Ion Ratio Lower Upper

49 100

128 45.1 24.1 72.3

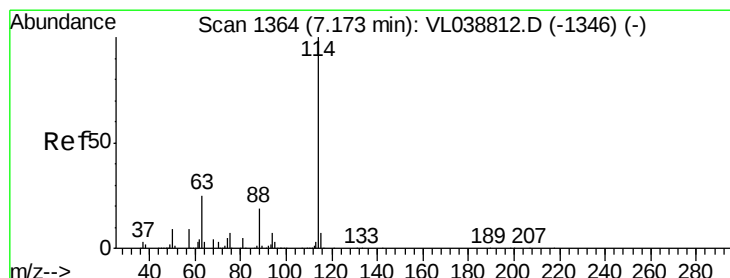
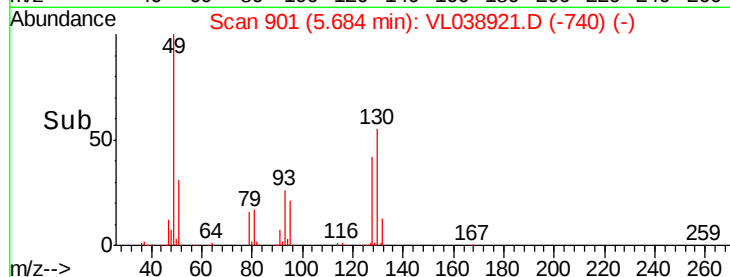
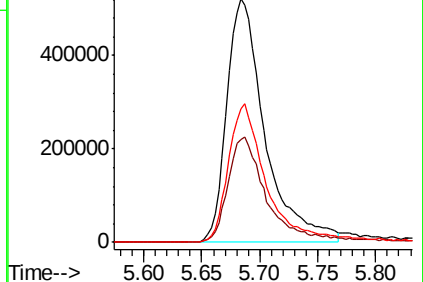
130 58.1 30.9 92.8



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: 7.19 min Scan# 1370

Delta R.T. 0.02 min

Lab File: VL038921.D

Acq: 14 Apr 2022 16:52

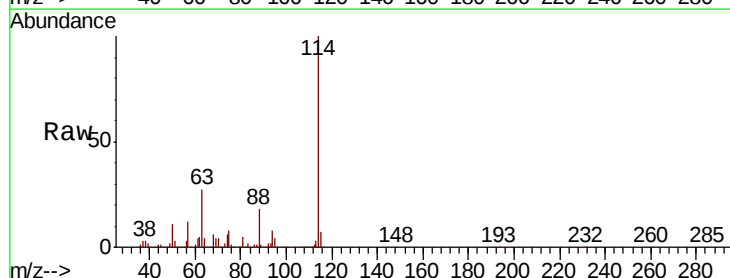
Tgt Ion: 114 Resp: 2792166

Ion Ratio Lower Upper

114 100

63 27.9 19.8 29.8

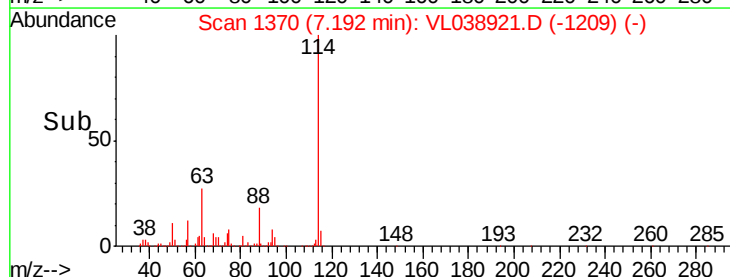
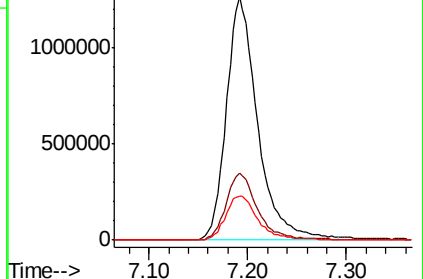
88 19.1 14.2 21.4

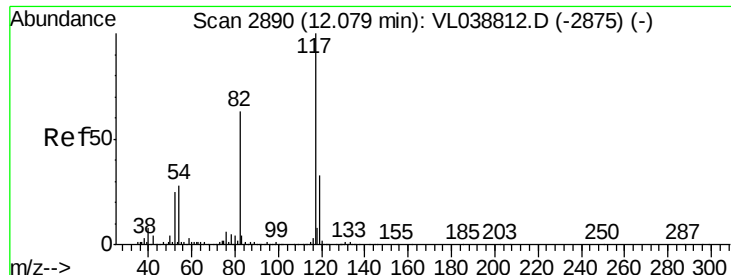


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

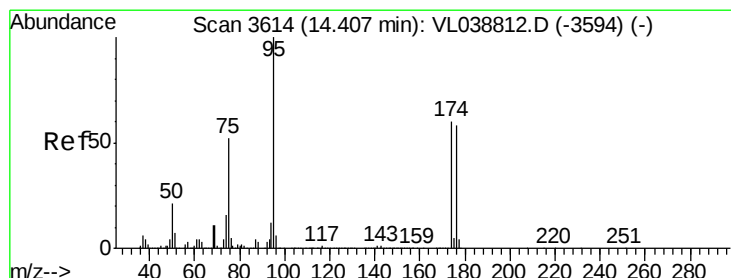
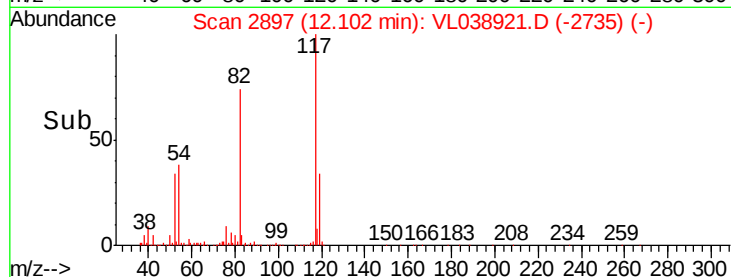
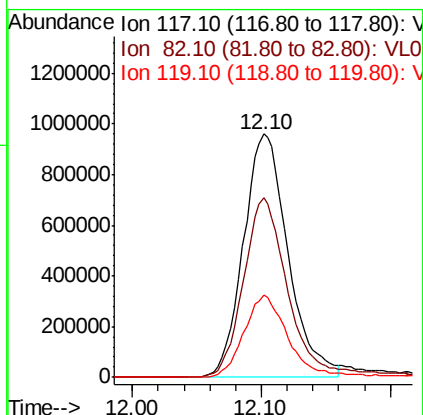
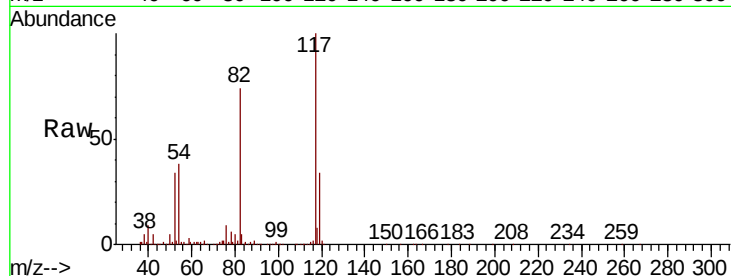
Ion 88.10 (87.80 to 88.80): VL0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 14 Apr 2022 16:52

Tot Ion: 117 Resp: 2309350
Ion Ratio Lower Upper
117 100
82 76.2 53.0 79.6
119 34.3 24.9 37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 11.124 ppbv
RT: 14.43 min Scan# 3621
Delta R.T.: 0.02 min
Lab File: VL038921.D
Acq: 14 Apr 2022 16:52

Tgt Ion: 95 Resp: 1948642
Ion Ratio Lower Upper
95 100
174 63.3 52.0 78.0
175 4.5 4.0 6.0

