

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122121\
 Data File : VL038220.D
 Acq On : 21 Dec 2021 18:24
 Operator : SY/AP
 Sample : VL1221ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1221ABL01

Quant Time: Dec 22 08:31:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL122121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Dec 21 17:47:08 2021
 QLast Update : Tue Dec 21 17:47:08 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	789773	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2251712	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2027393	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1502151	9.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

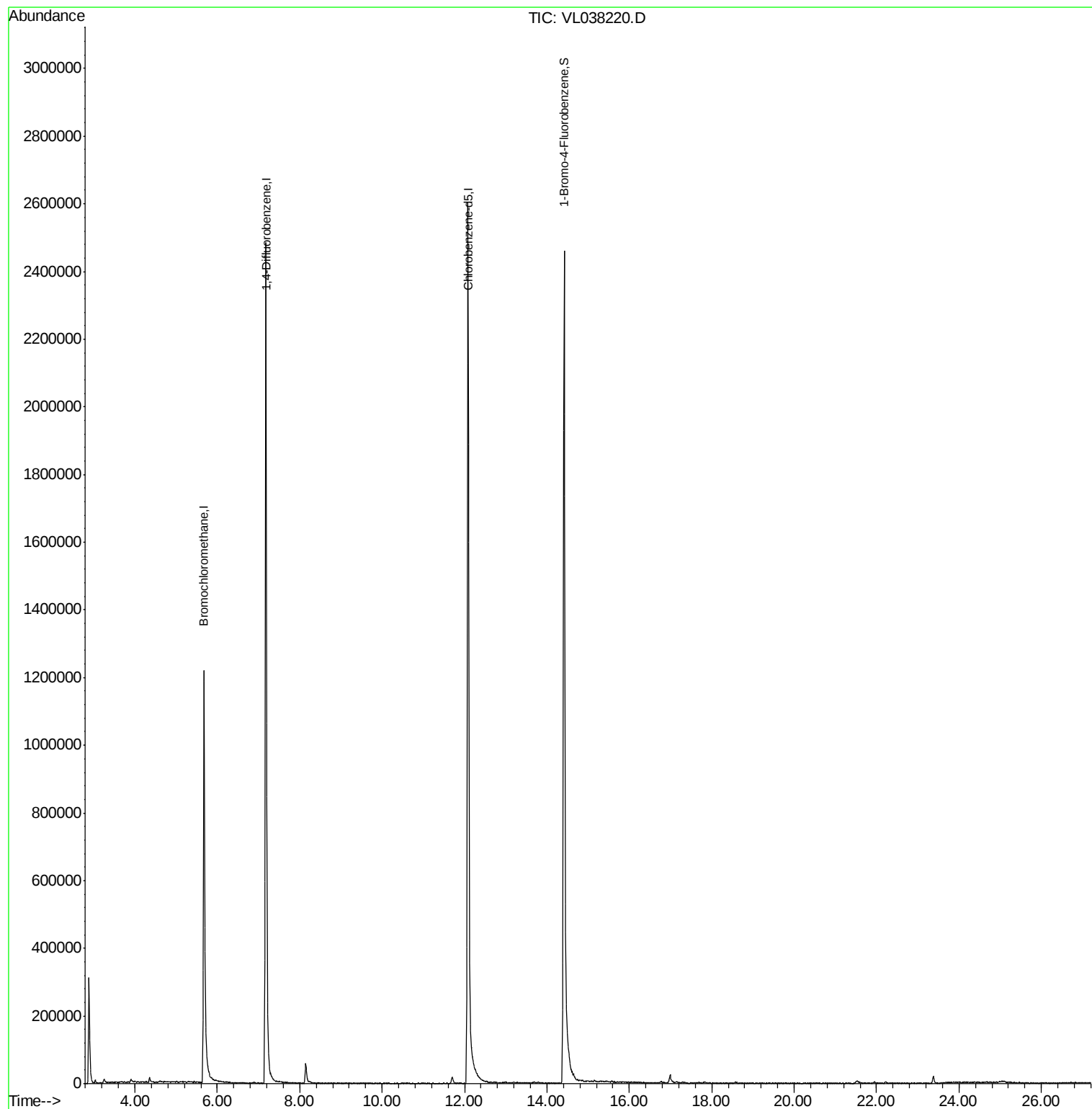
Target Compounds	Ovalue

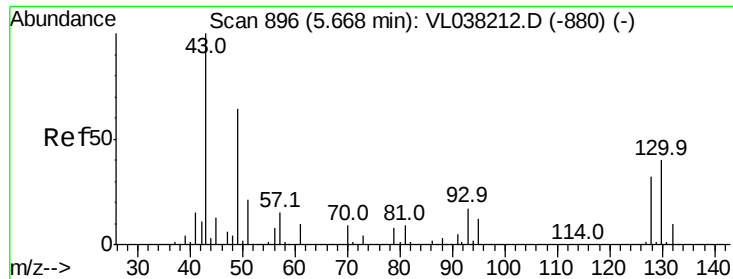
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 18:24 VL1221ABL01

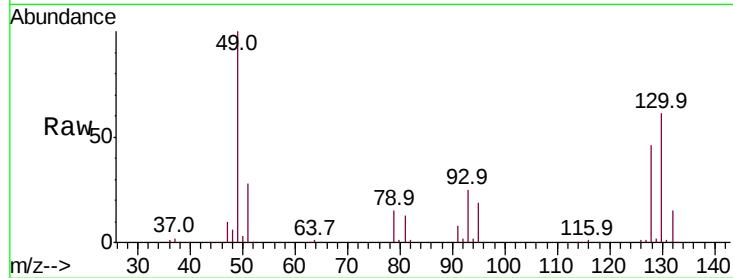
Tot Ion: 49 Resp: 789773

Ion Ratio Lower Upper

49 100

128 50.1 26.9 80.6

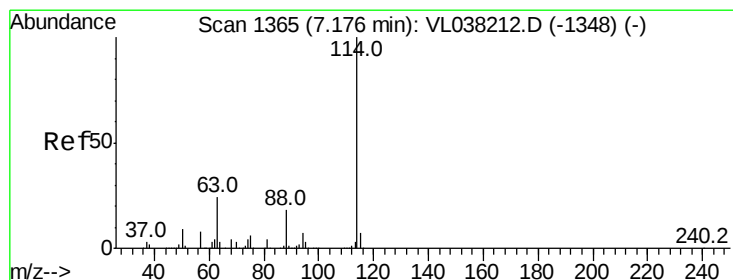
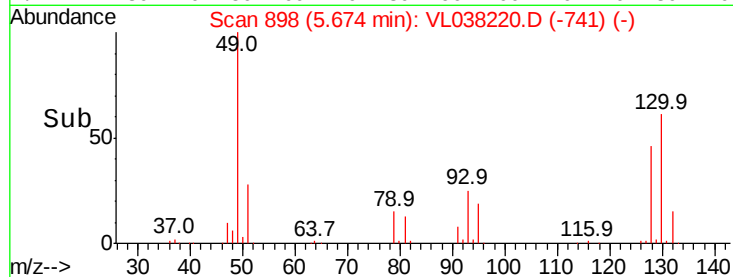
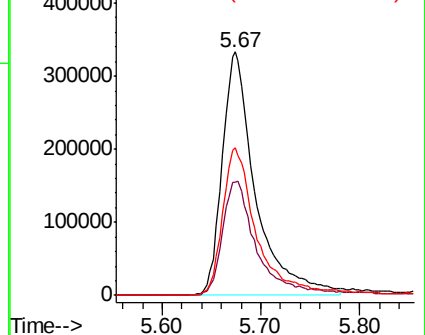
130 63.5 32.3 96.9



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: 7.18 min Scan# 1366

Delta R.T. 0.00 min

Lab File: VL038220.D

Acq: 21 Dec 2021 18:24

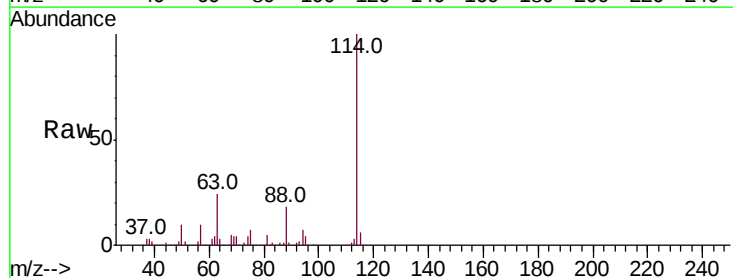
Tgt Ion:114 Resp: 2251712

Ion Ratio Lower Upper

114 100

63 25.5 19.7 29.5

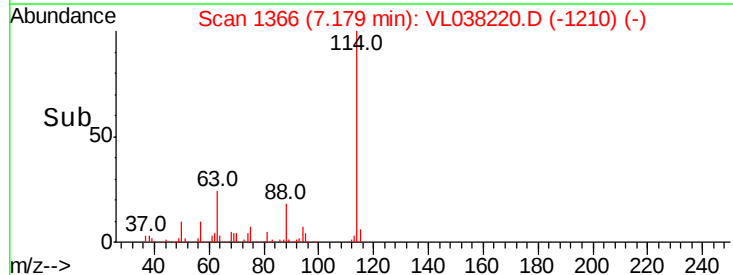
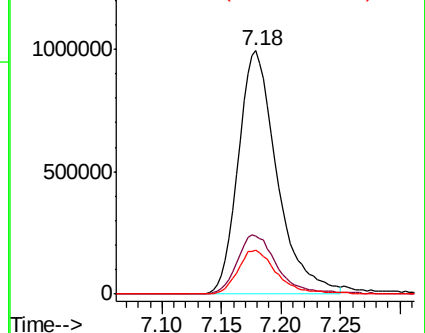
88 18.6 14.3 21.5

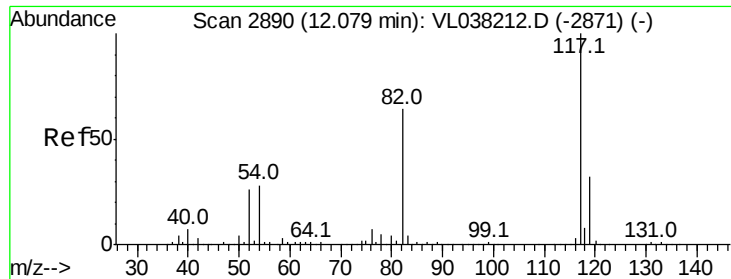


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

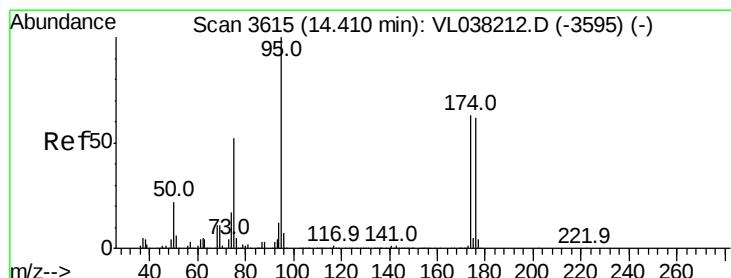
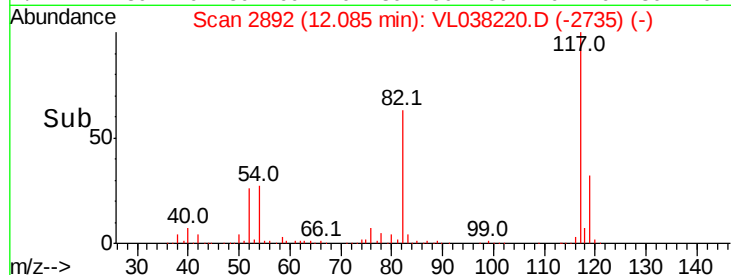
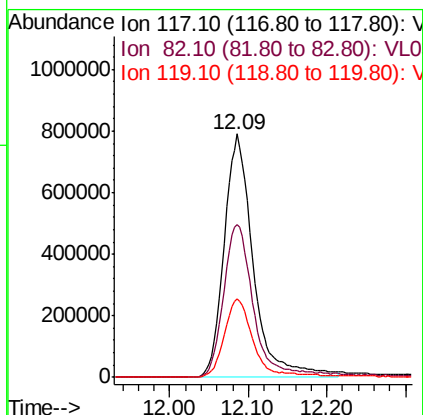
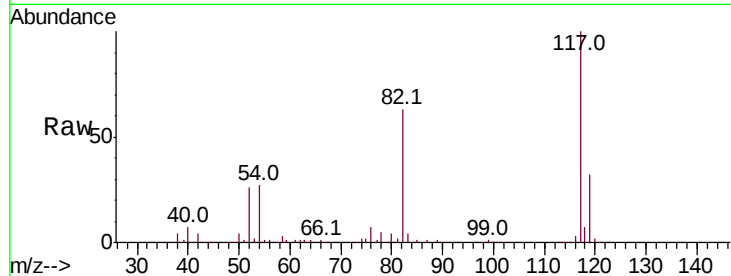
Ion 88.10 (87.80 to 88.80): VL0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1221ABL01
Acq: 21 Dec 2021 18:24

Tot Ion: 117 Resp: 2027393
Ion Ratio Lower Upper
117 100
82 67.5 53.3 79.9
119 32.9 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.615 ppbv
RT: 14.42 min Scan# 3617
Delta R.T.: 0.01 min
Lab File: VL038220.D
Acq: 21 Dec 2021 18:24

Tgt Ion: 95 Resp: 1502151
Ion Ratio Lower Upper
95 100
174 65.3 54.6 81.8
175 4.7 4.1 6.1

