

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL122921\
 Data File : VL038232.D
 Acq On : 29 Dec 2021 14:27
 Operator : SY/AP
 Sample : VL1229ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1229ABL01

Quant Time: Dec 30 09:03:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	742971	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1920955	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1667135	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1320255	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

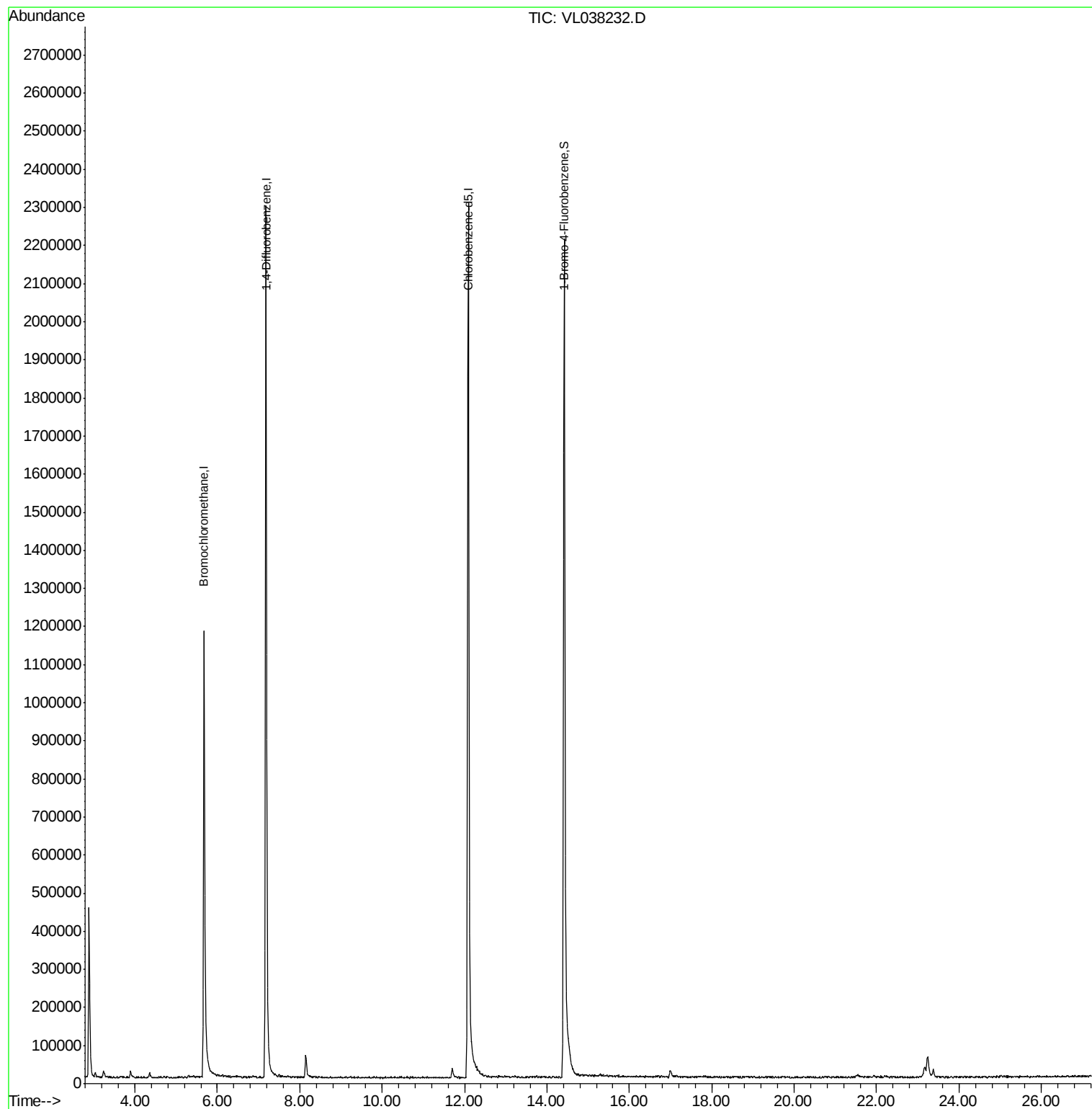
Target Compounds	Qvalue

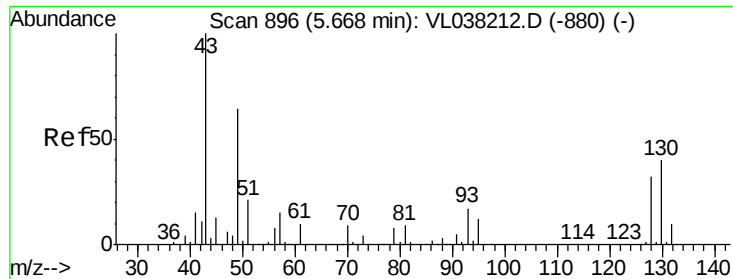
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1229ABL01

Acq: 29 Dec 2021 14:27

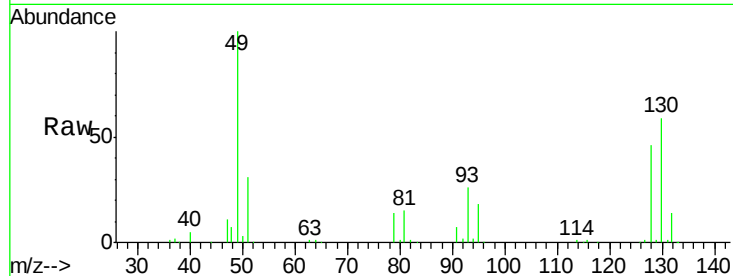
Tgt Ion: 49 Resp: 742971

Ion Ratio Lower Upper

49 100

128 46.7 26.9 80.6

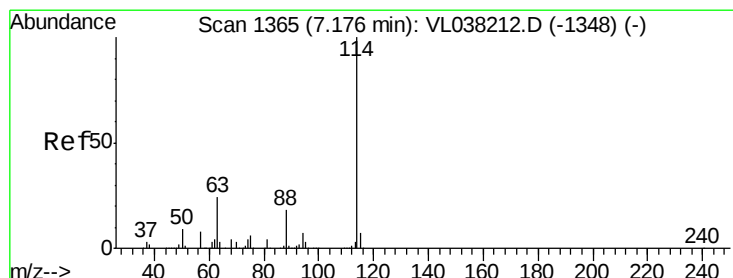
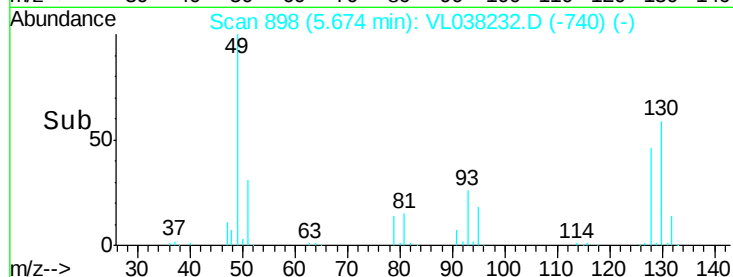
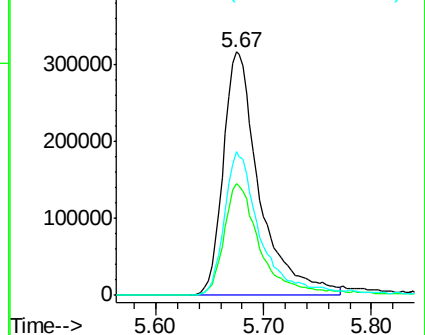
130 60.8 32.3 96.9



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: 7.18 min Scan# 1367

Delta R.T. 0.01 min

Lab File: VL038232.D

Acq: 29 Dec 2021 14:27

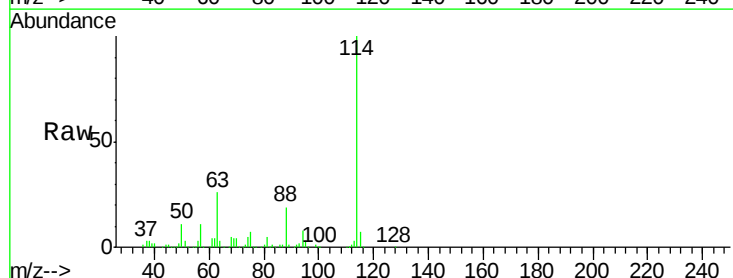
Tgt Ion: 114 Resp: 1920955

Ion Ratio Lower Upper

114 100

63 27.2 19.7 29.5

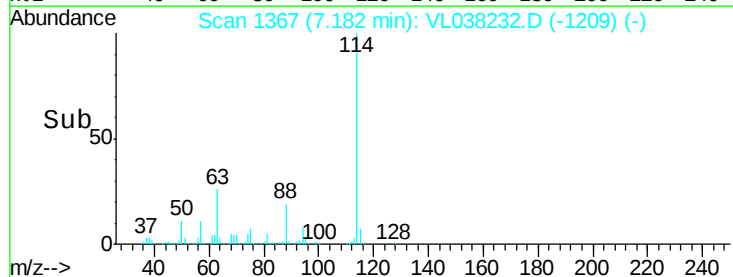
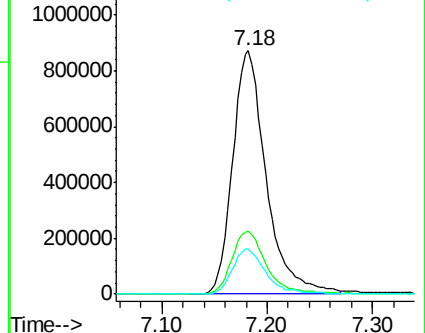
88 18.6 14.3 21.5

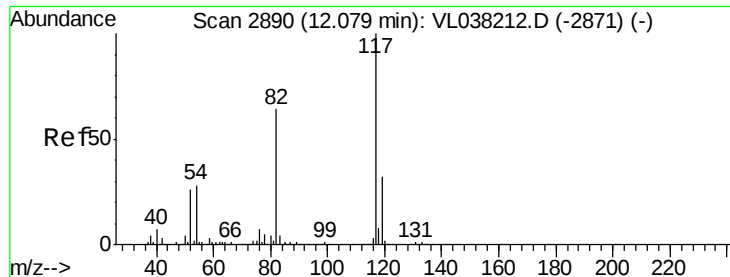


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

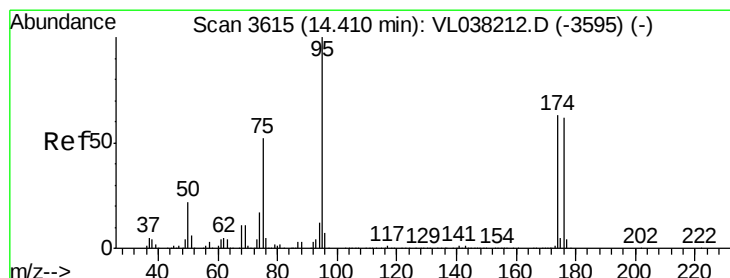
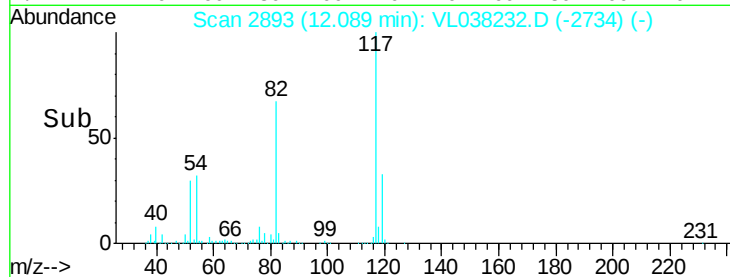
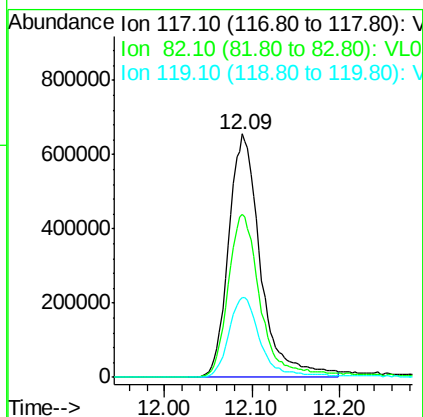
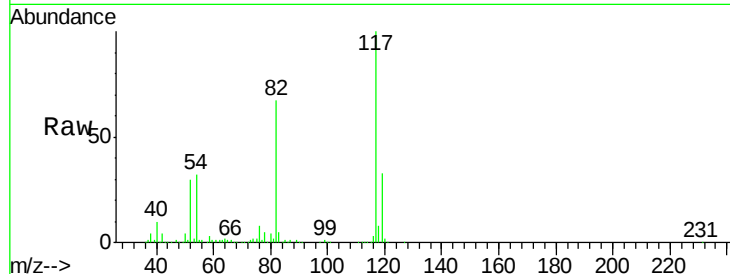
Ion 88.10 (87.80 to 88.80): VL0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1229ABL01
Acq: 29 Dec 2021 14:27

Tgt Ion: 117 Resp: 1667135
Ion Ratio Lower Upper
117 100
82 69.5 53.3 79.9
119 33.1 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.277 ppbv
RT: 14.42 min Scan# 3618
Delta R.T.: 0.01 min
Lab File: VL038232.D
Acq: 29 Dec 2021 14:27

Tgt Ion: 95 Resp: 1320255
Ion Ratio Lower Upper
95 100
174 60.9 54.6 81.8
175 4.4 4.1 6.1

