

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030222\
 Data File : VL038498.D
 Acq On : 3 Mar 2022 1:20
 Operator : SY/AP
 Sample : CAN 10673
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10673

Quant Time: Mar 03 04:21:03 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	796649	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	1877705	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	1653882	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1356711	9.91	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%

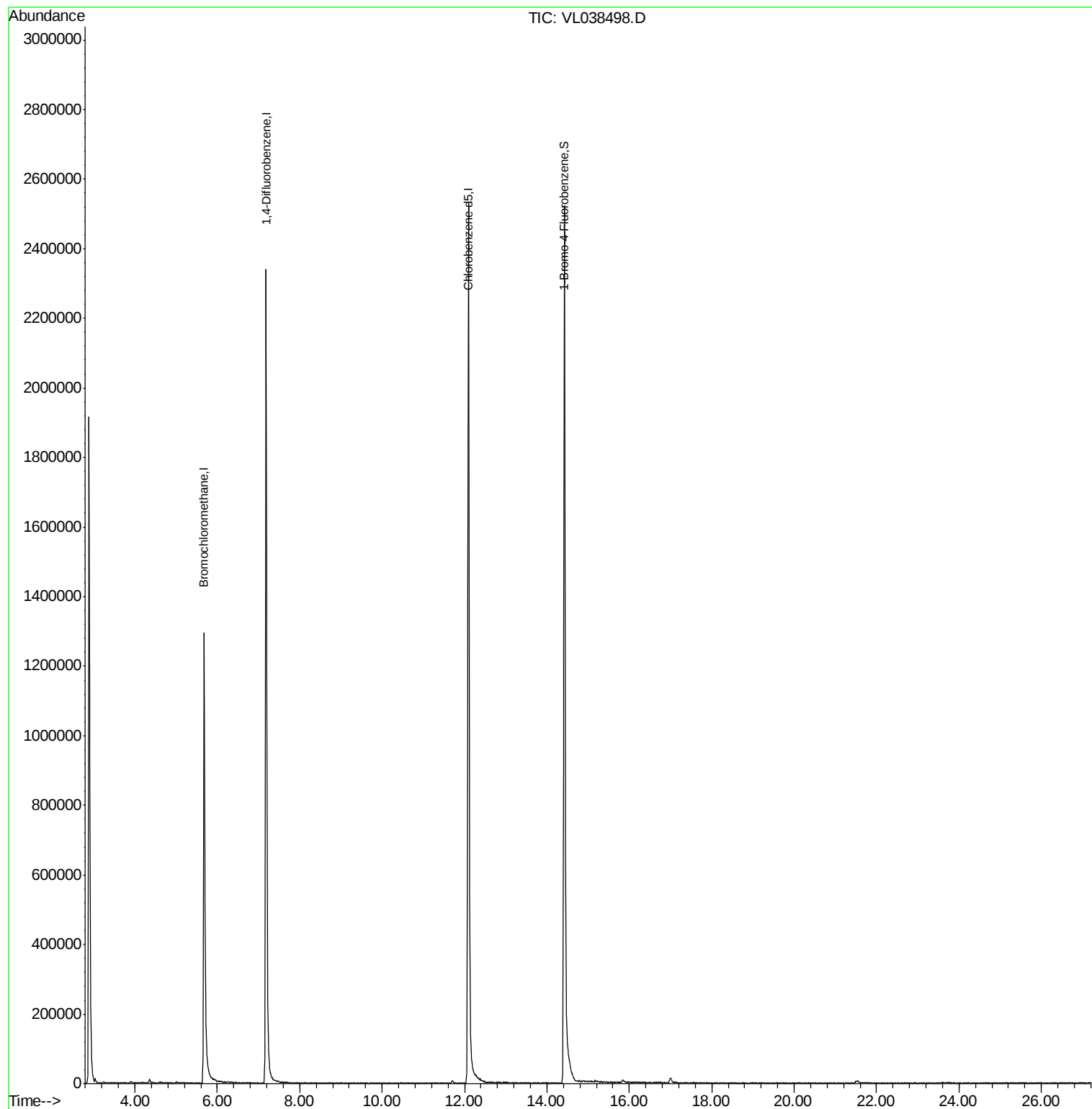
Target Compounds	Ovalue

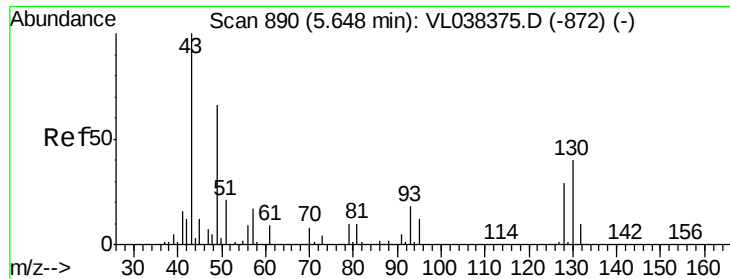
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. 0.03 min

Lab File: ClientSampleId: CAN10673

Acq: 3 Mar 2022 1:20

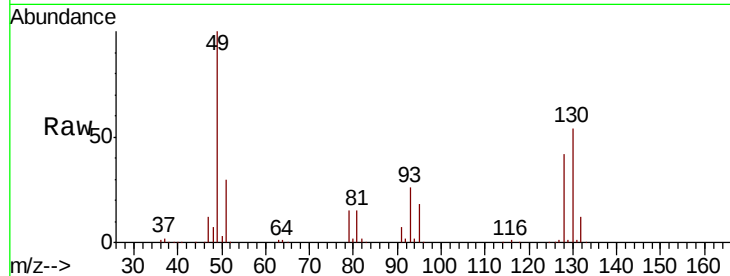
Tot Ion: 49 Resp: 796649

Ion Ratio Lower Upper

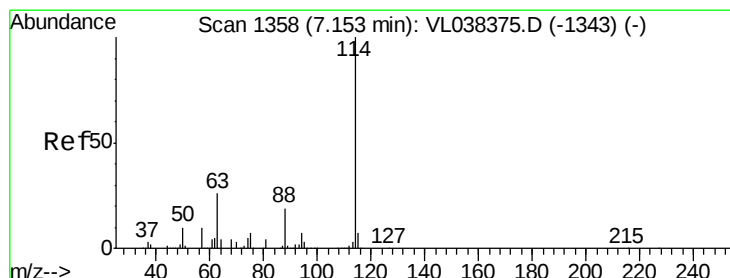
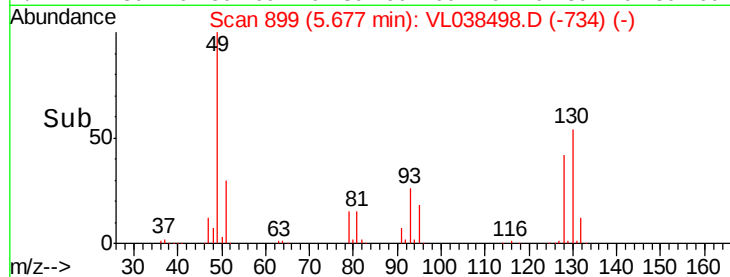
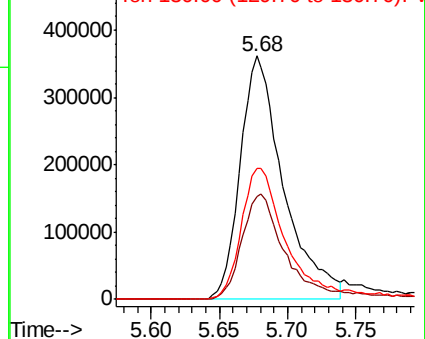
49 100

128 45.9 24.3 72.9

130 58.3 30.1 90.5



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# 1368

Delta R.T. 0.03 min

Lab File: VL038498.D

Acq: 3 Mar 2022 1:20

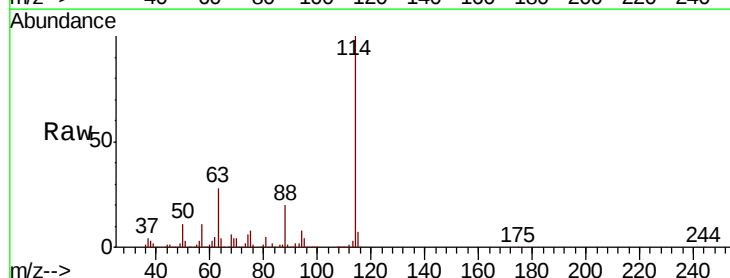
Tgt Ion:114 Resp: 1877705

Ion Ratio Lower Upper

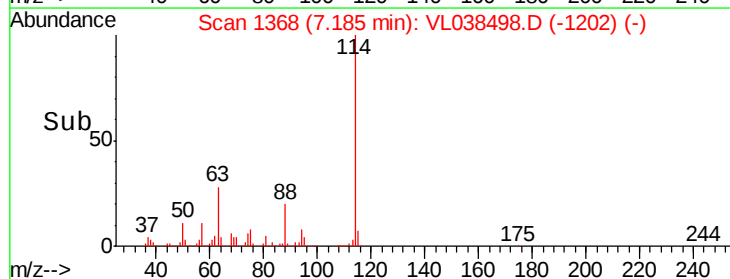
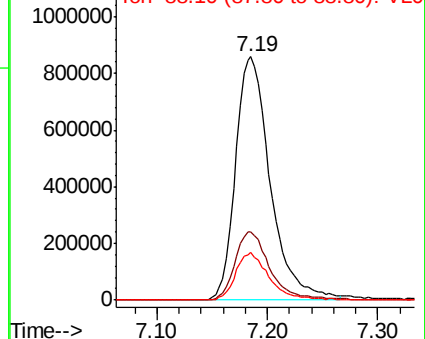
114 100

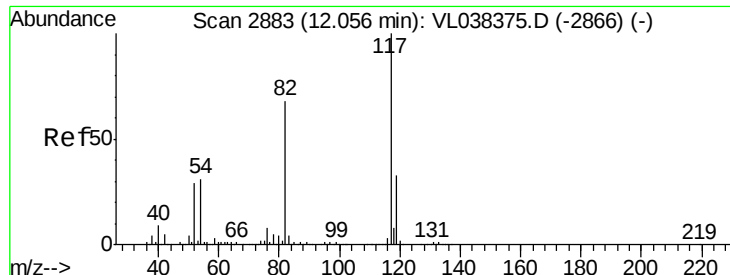
63 28.6 22.2 33.2

88 19.2 15.2 22.8



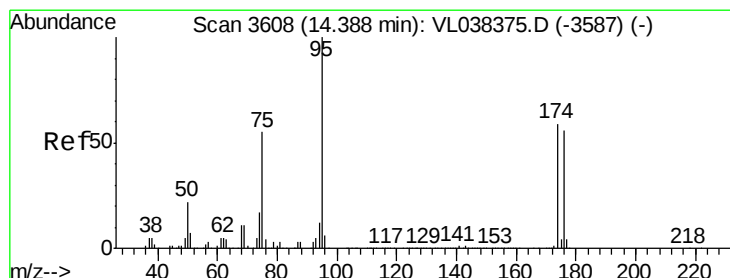
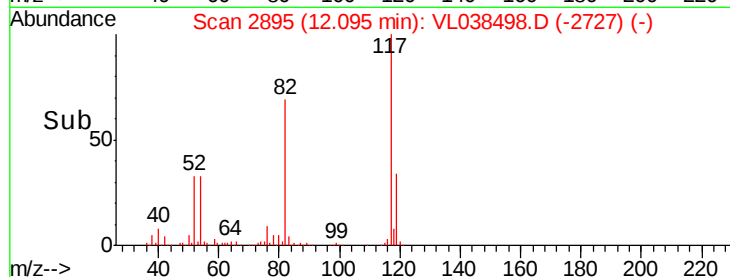
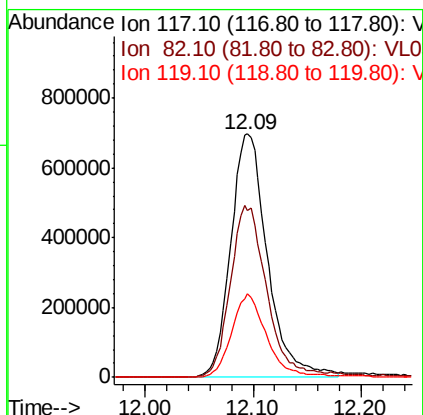
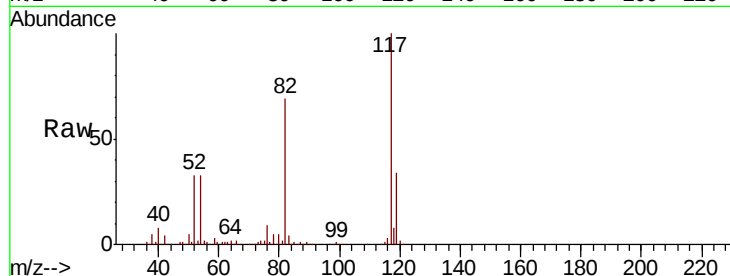
Abundance Ion 114.10 (113.80 to 114.80): VL0
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 1:20

Tot Ion: 117 Resp: 1653882
Ion Ratio Lower Upper
117 100
82 73.0 54.9 82.3
119 33.4 46.1 69.1#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.914 ppbv
RT: 14.43 min Scan# 3620
Delta R.T.: 0.04 min
Lab File: VL038498.D
Acq: 3 Mar 2022 1:20

Tgt Ion: 95 Resp: 1356711
Ion Ratio Lower Upper
95 100
174 59.6 49.0 73.4
175 4.3 3.6 5.4

