

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
 Data File : VL038575.D
 Acq On : 9 Mar 2022 14:26
 Operator : SY/AP
 Sample : CAN 10266
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10266

Quant Time: Mar 10 00:50:36 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	857858	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	2177773	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	1858844	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1379272	9.76	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

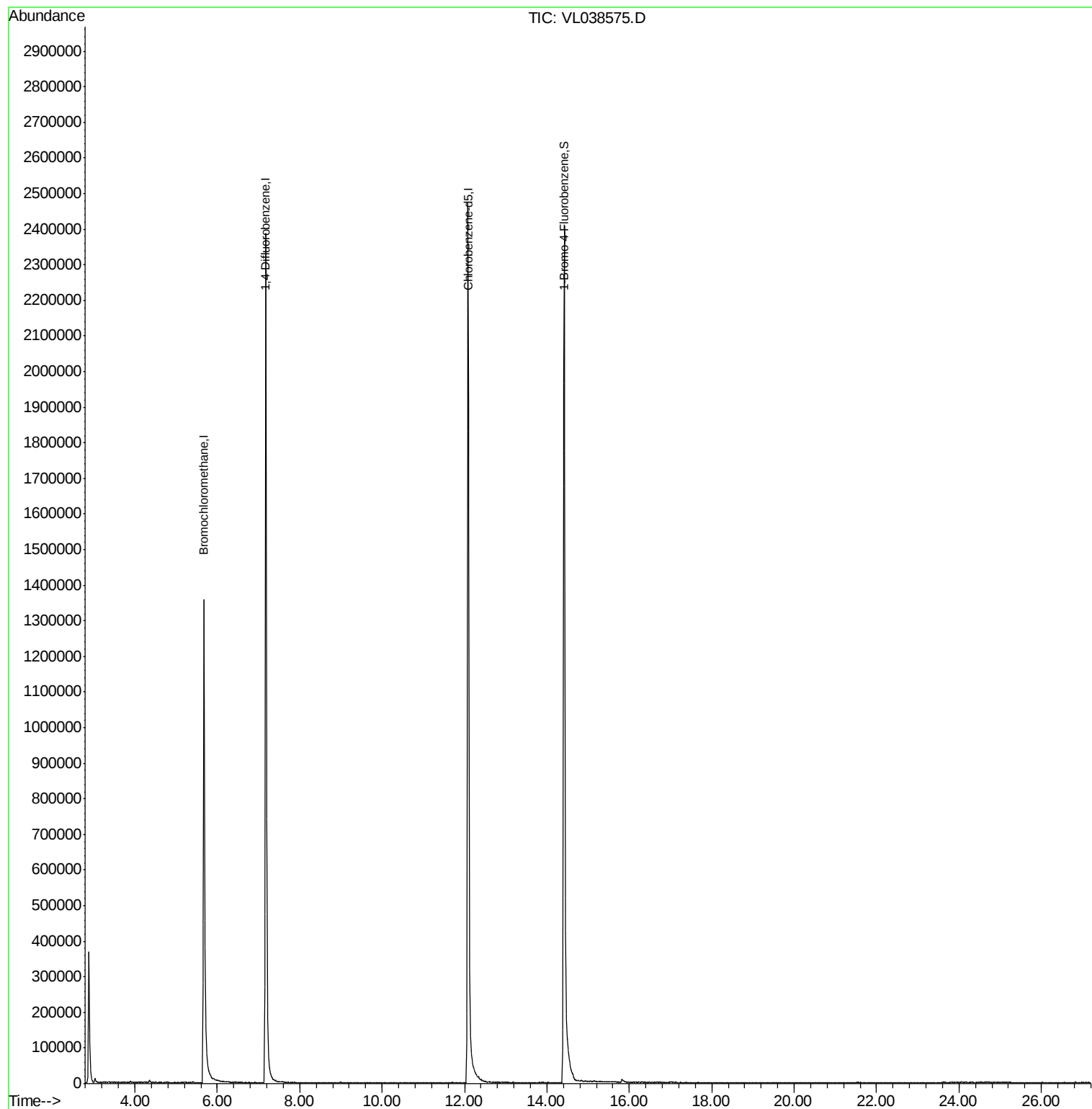
Target Compounds	Qvalue

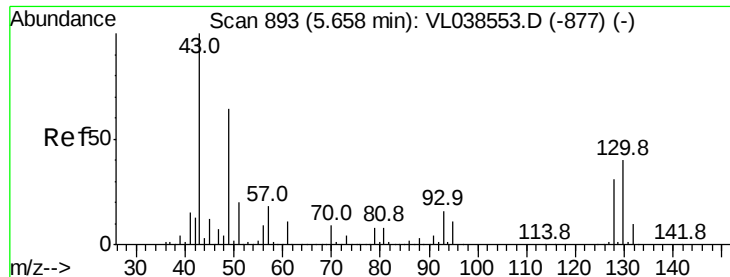
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 14:26

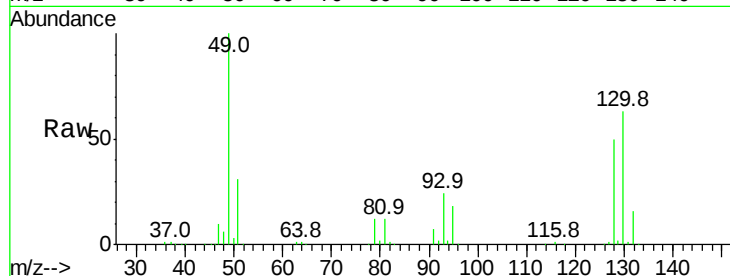
Tgt Ion: 49 Resp: 857858

Ion Ratio Lower Upper

49 100

128 52.6 26.4 79.2

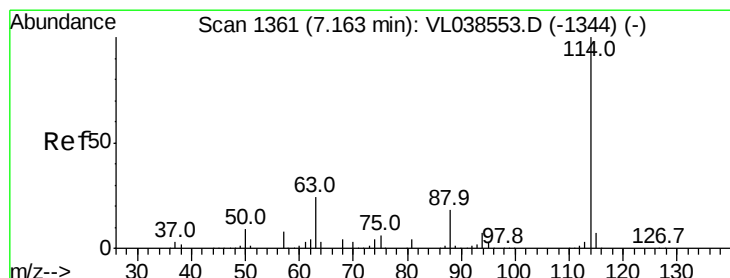
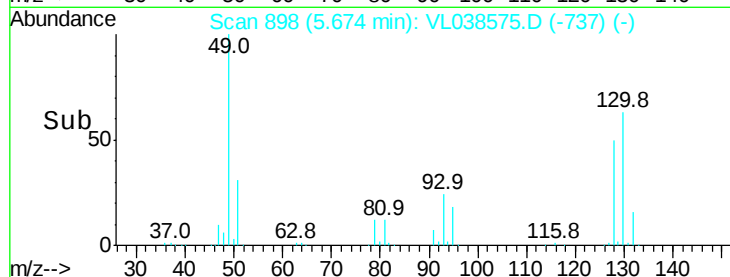
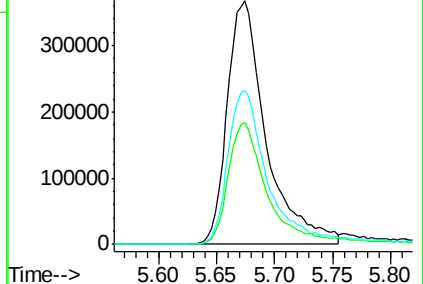
130 68.4 33.0 98.9



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: 10.00 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VL038575.D

Acq: 9 Mar 2022 14:26

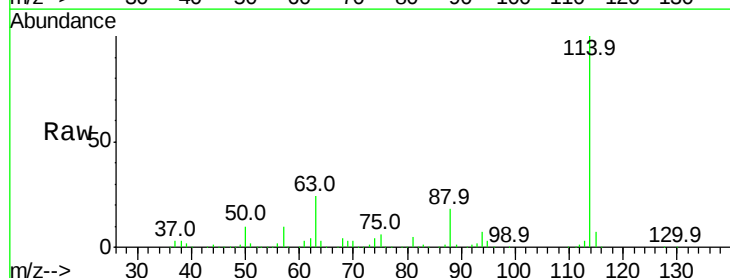
Tgt Ion: 114 Resp: 2177773

Ion Ratio Lower Upper

114 100

63 24.2 19.6 29.4

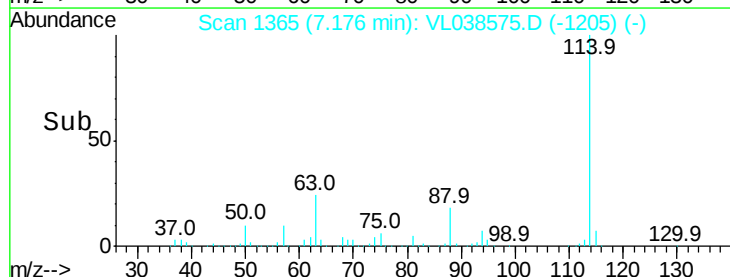
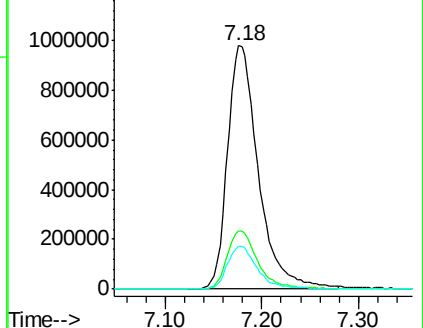
88 17.4 13.9 20.9

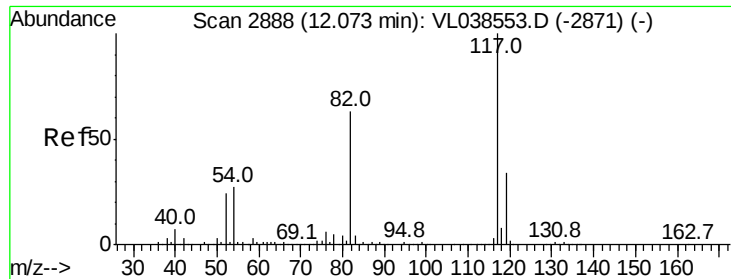


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

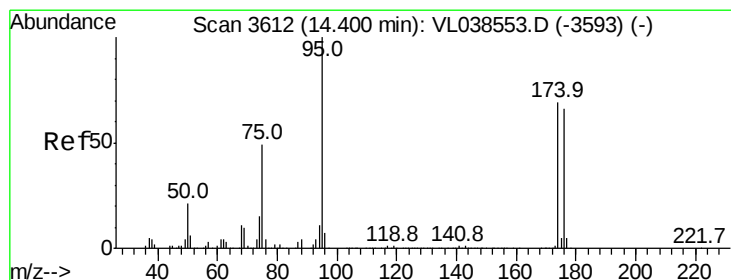
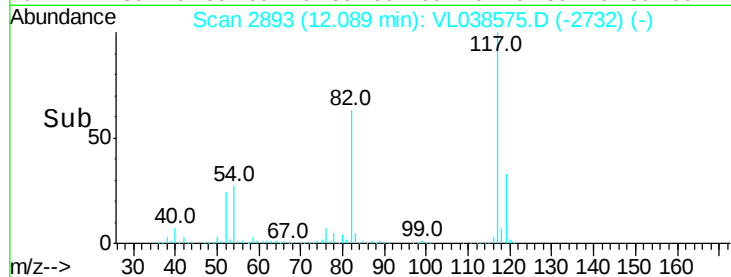
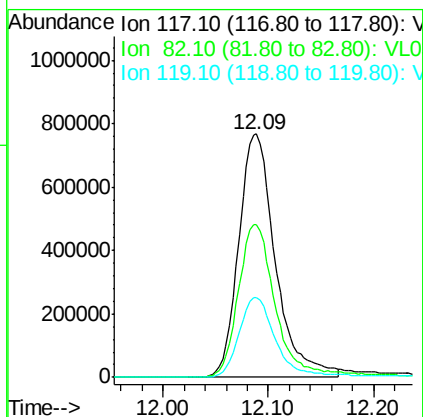
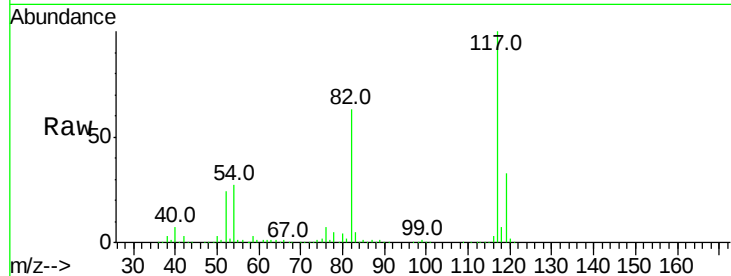
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 14:26

Tgt Ion: 117 Resp: 1858844
 Ion Ratio Lower Upper
 117 100
 82 66.9 52.5 78.7
 119 34.5 46.4 69.6#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.76 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T.: 0.02 min
 Lab File: VL038575.D
 Acq: 9 Mar 2022 14:26

Tgt Ion: 95 Resp: 1379272
 Ion Ratio Lower Upper
 95 100
 174 73.2 56.2 84.4
 175 5.1 4.2 6.2

