

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
 Data File : VL038572.D
 Acq On : 9 Mar 2022 11:50
 Operator : SY/AP
 Sample : VL0309ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0309ABL01

Quant Time: Mar 10 00:45:12 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	886610	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2236306	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1923849	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1421020	9.72	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.20%

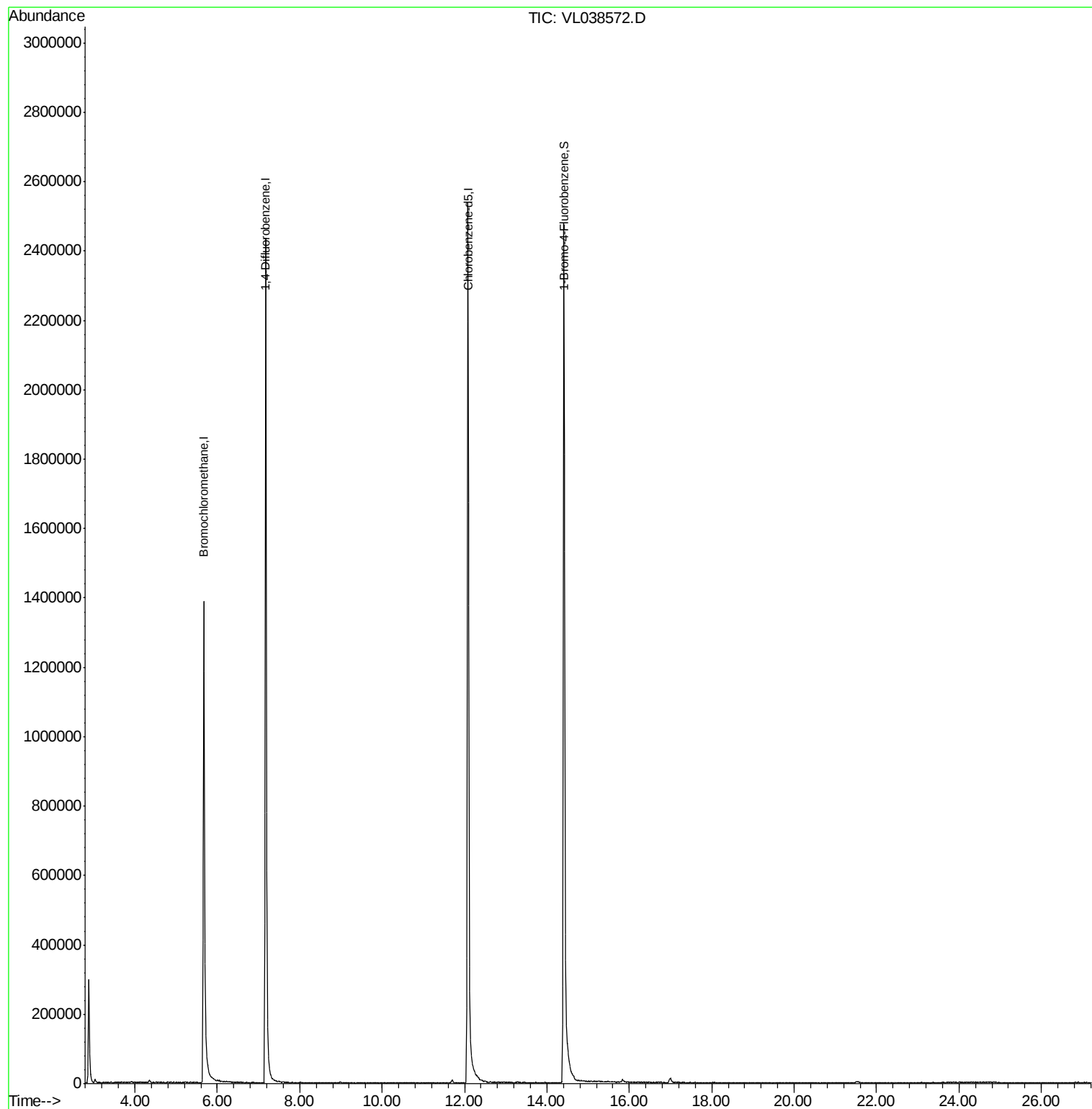
Target Compounds	Qvalue

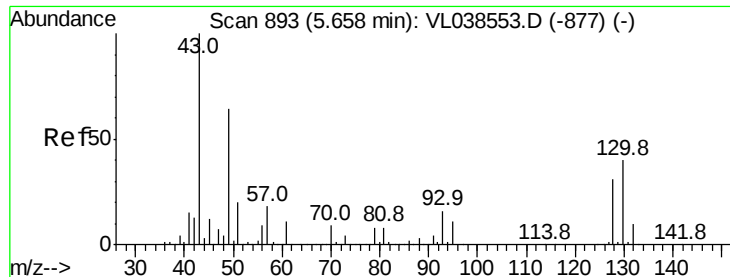
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 11:50 VL0309ABL01

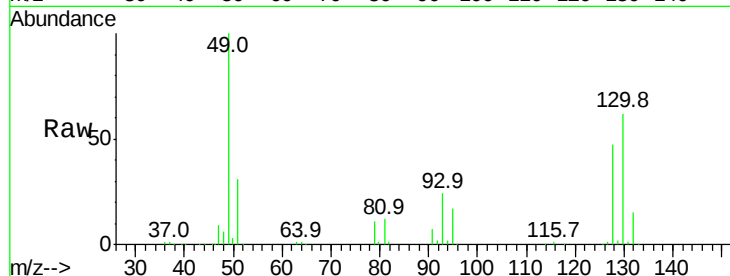
Tgt Ion: 49 Resp: 886610

Ion Ratio Lower Upper

49 100

128 51.3 26.4 79.2

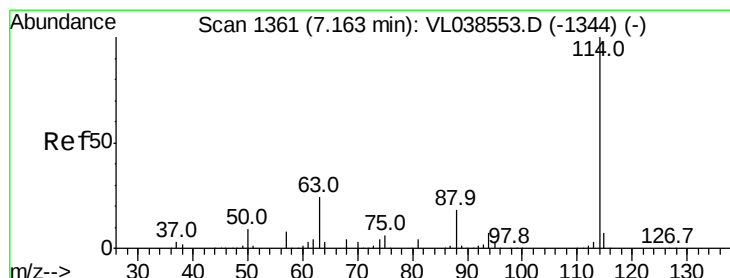
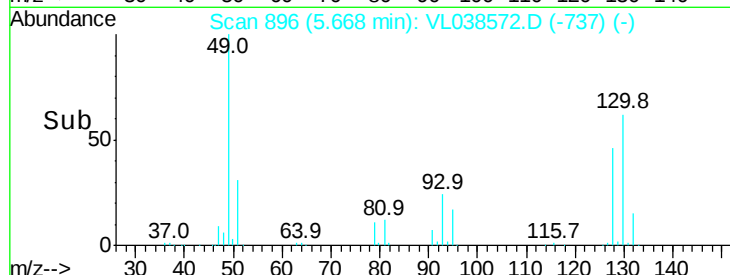
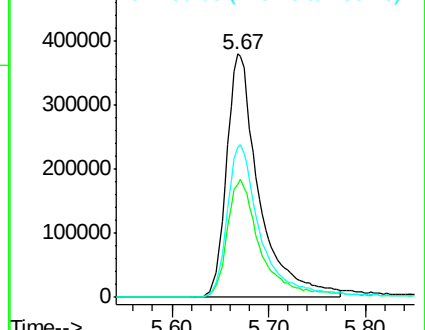
130 66.8 33.0 98.9



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: 7.17 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VL038572.D

Acq: 9 Mar 2022 11:50

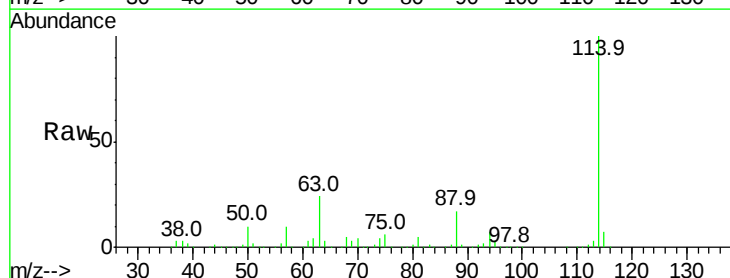
Tgt Ion: 114 Resp: 2236306

Ion Ratio Lower Upper

114 100

63 24.0 19.6 29.4

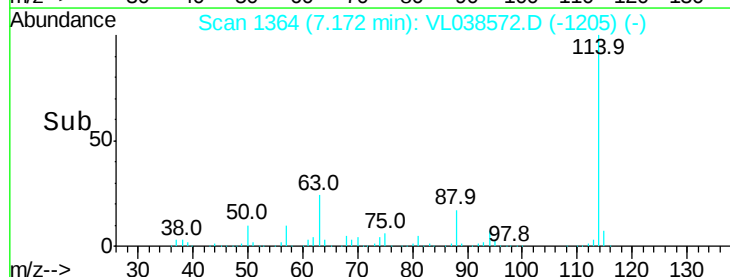
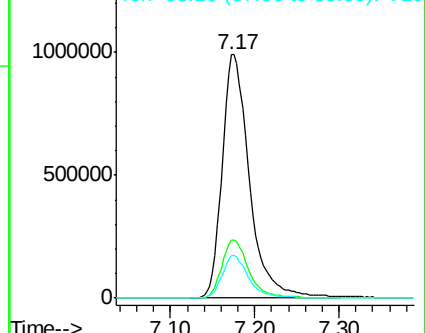
88 17.2 13.9 20.9

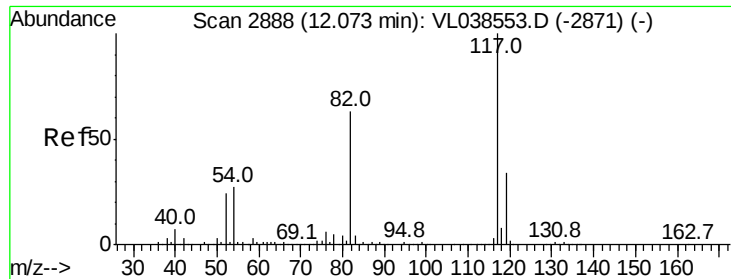


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

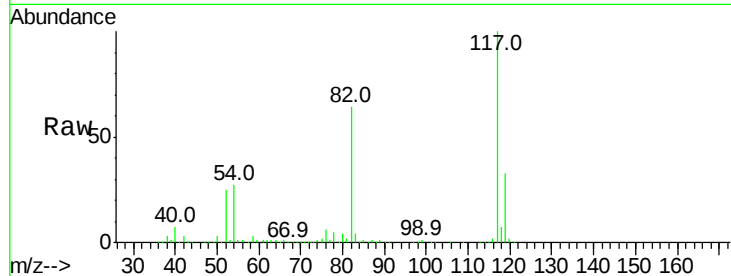
Ion 88.10 (87.80 to 88.80): VL0



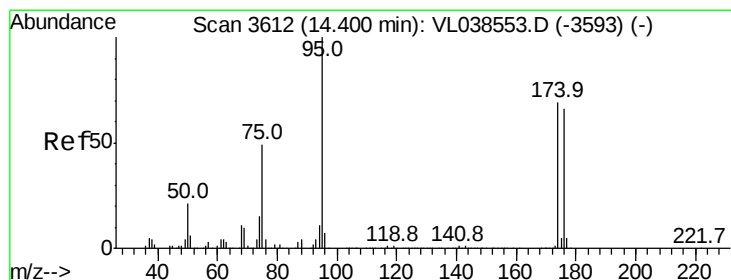
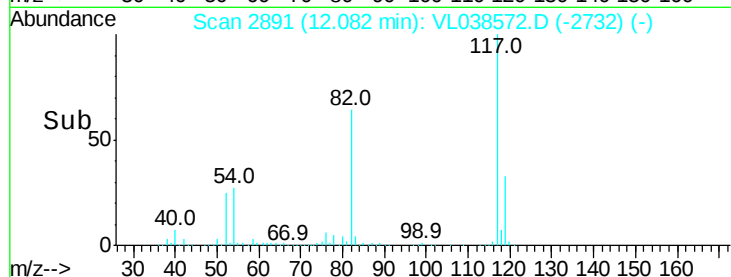
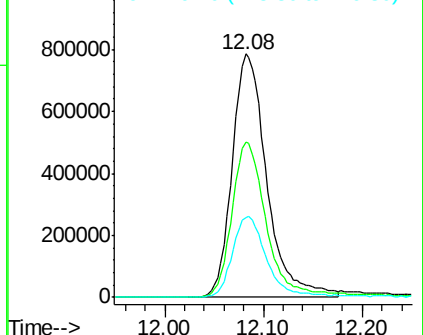


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08 min
Delta R.T. MSVOA_1
Lab File: ClientSampleId : VL0309ABL01
Acq: 9 Mar 2022 11:50

Tgt Ion: 117 Resp: 1923849
Ion Ratio Lower Upper
117 100
82 65.9 52.5 78.7
119 34.2 46.4 69.6

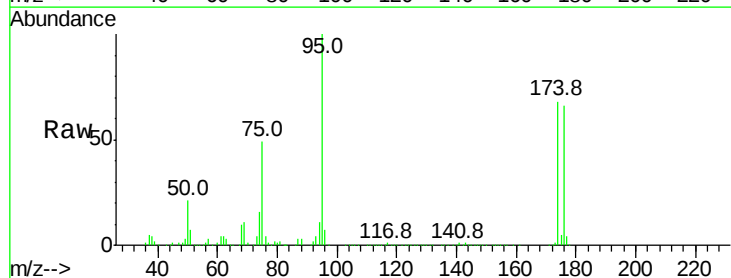


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.72 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. 0.01 min
Lab File: VL038572.D
Acq: 9 Mar 2022 11:50

Tgt Ion: 95 Resp: 1421020
Ion Ratio Lower Upper
95 100
174 72.9 56.2 84.4
175 5.2 4.2 6.2



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

