

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033022\
 Data File : VL038806.D
 Acq On : 30 Mar 2022 22:38
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Mar 31 05:21:51 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	860967	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2466071	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2090270	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1469587	9.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.70%

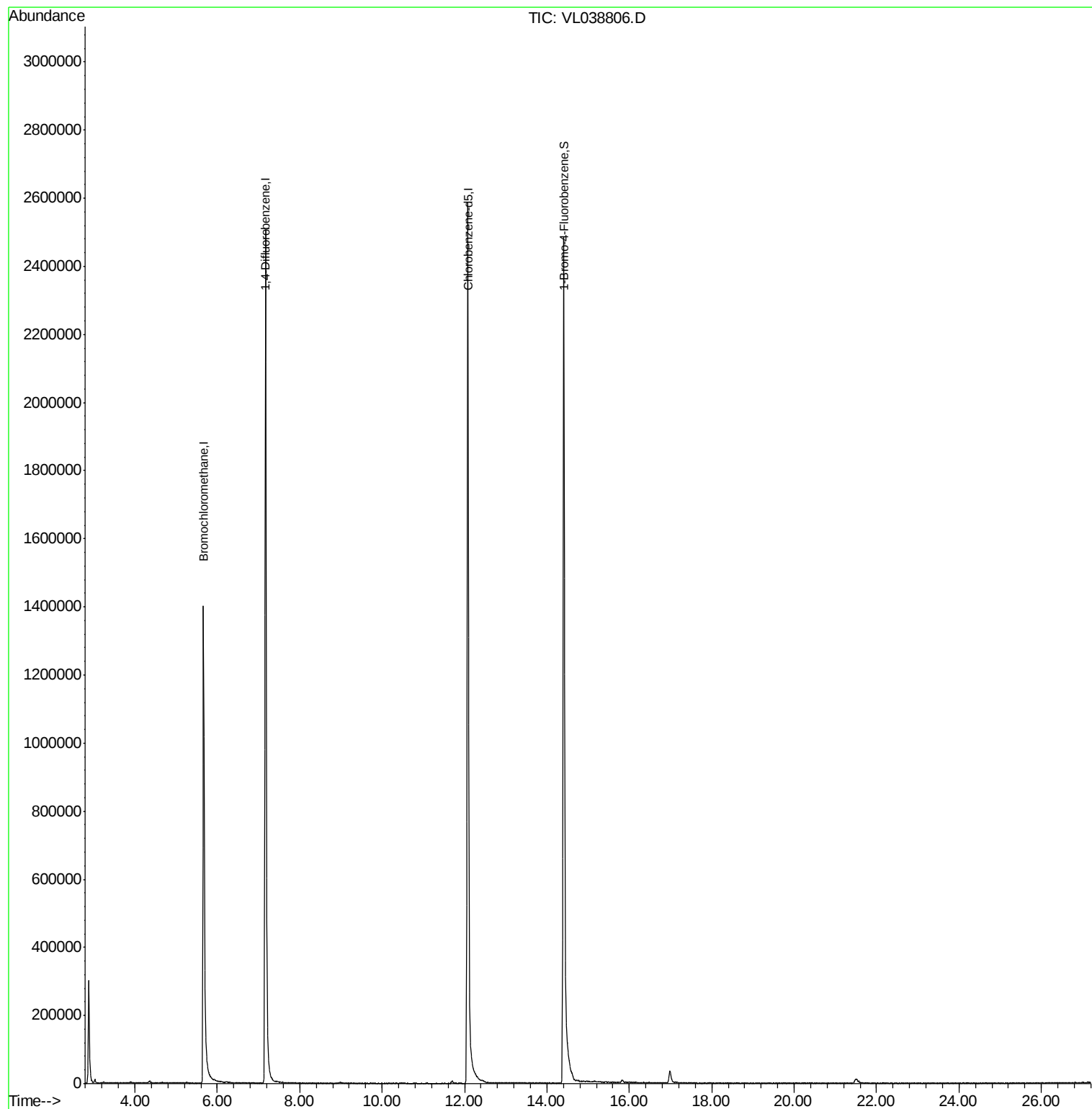
Target Compounds	Ovalue

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 30 Mar 2022 22:38

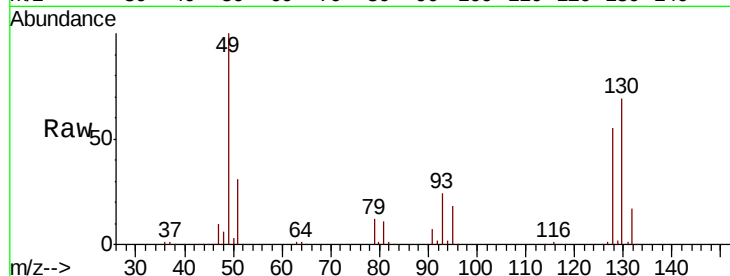
Tot Ion: 49 Resp: 860967

Ion Ratio Lower Upper

49 100

128 57.5 26.2 78.6

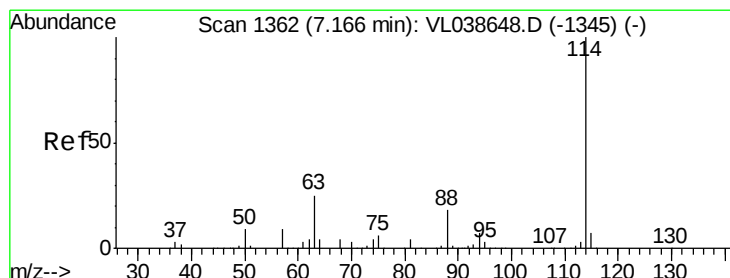
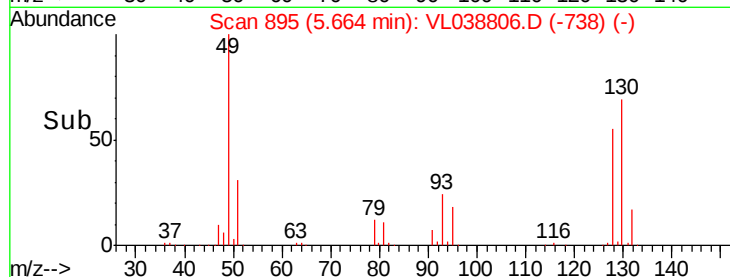
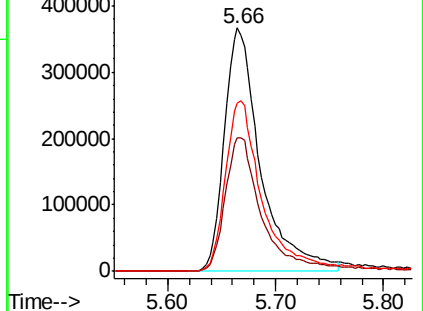
130 74.3 33.7 101.1



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: 7.17 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VL038806.D

Acq: 30 Mar 2022 22:38

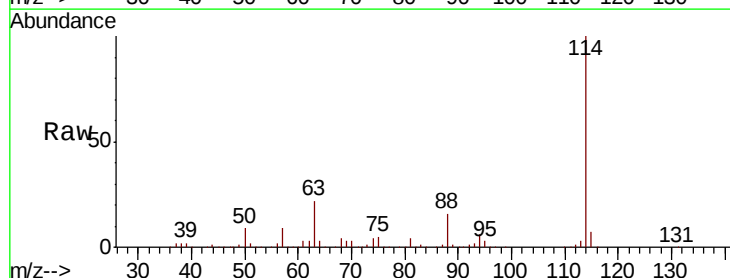
Tgt Ion: 114 Resp: 2466071

Ion Ratio Lower Upper

114 100

63 22.0 19.4 29.0

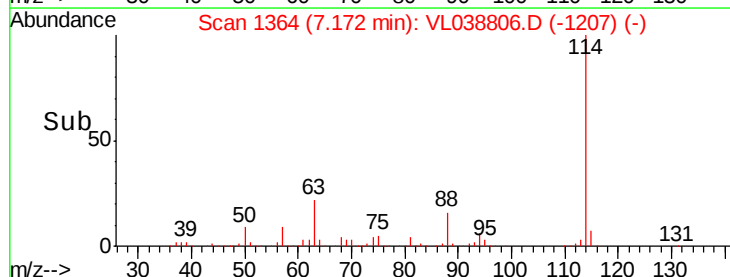
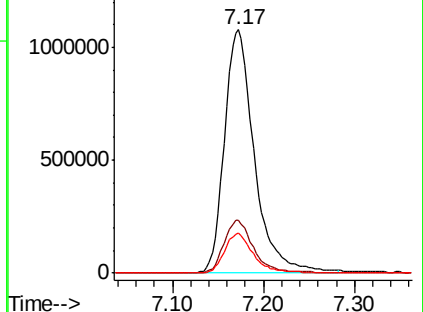
88 16.2 13.9 20.9

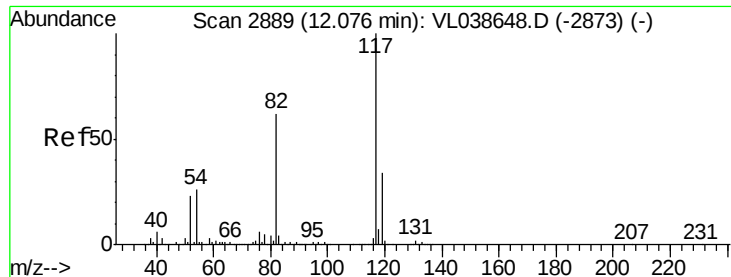


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

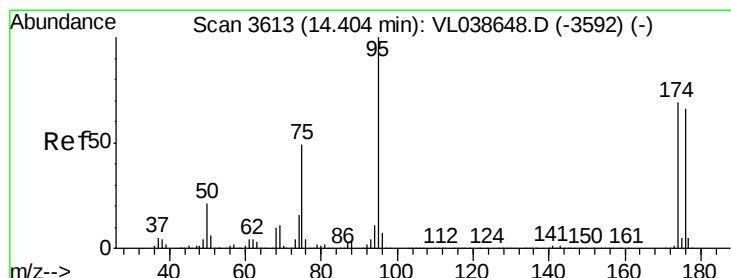
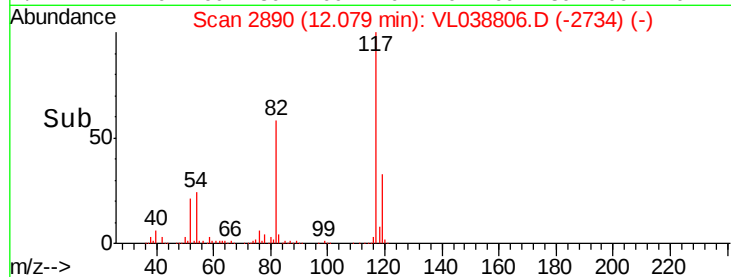
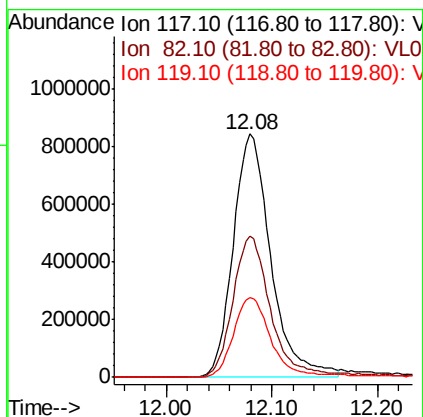
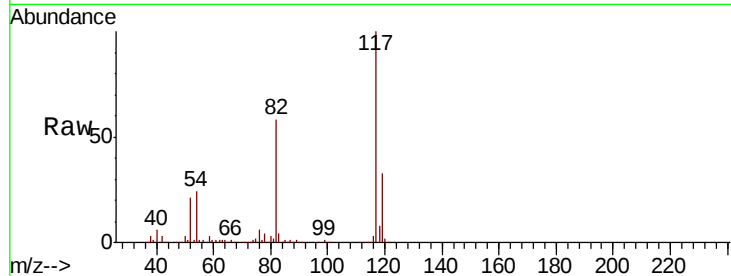
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VIBLK
 Acq: 30 Mar 2022 22:38

Tot Ion: 117 Resp: 2090270
 Ion Ratio Lower Upper
 117 100
 82 60.7 51.6 77.4
 119 34.3 26.9 40.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.170 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T.: 0.01 min
 Lab File: VL038806.D
 Acq: 30 Mar 2022 22:38

Tgt Ion: 95 Resp: 1469587
 Ion Ratio Lower Upper
 95 100
 174 78.6 56.1 84.1
 175 5.7 4.2 6.2

