

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
Data File : VL038742.D
Acq On : 24 Mar 2022 8:51
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Mar 25 01:13:28 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	5.67	49	828524	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2167897	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1766925	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1310408	9.67	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.70%

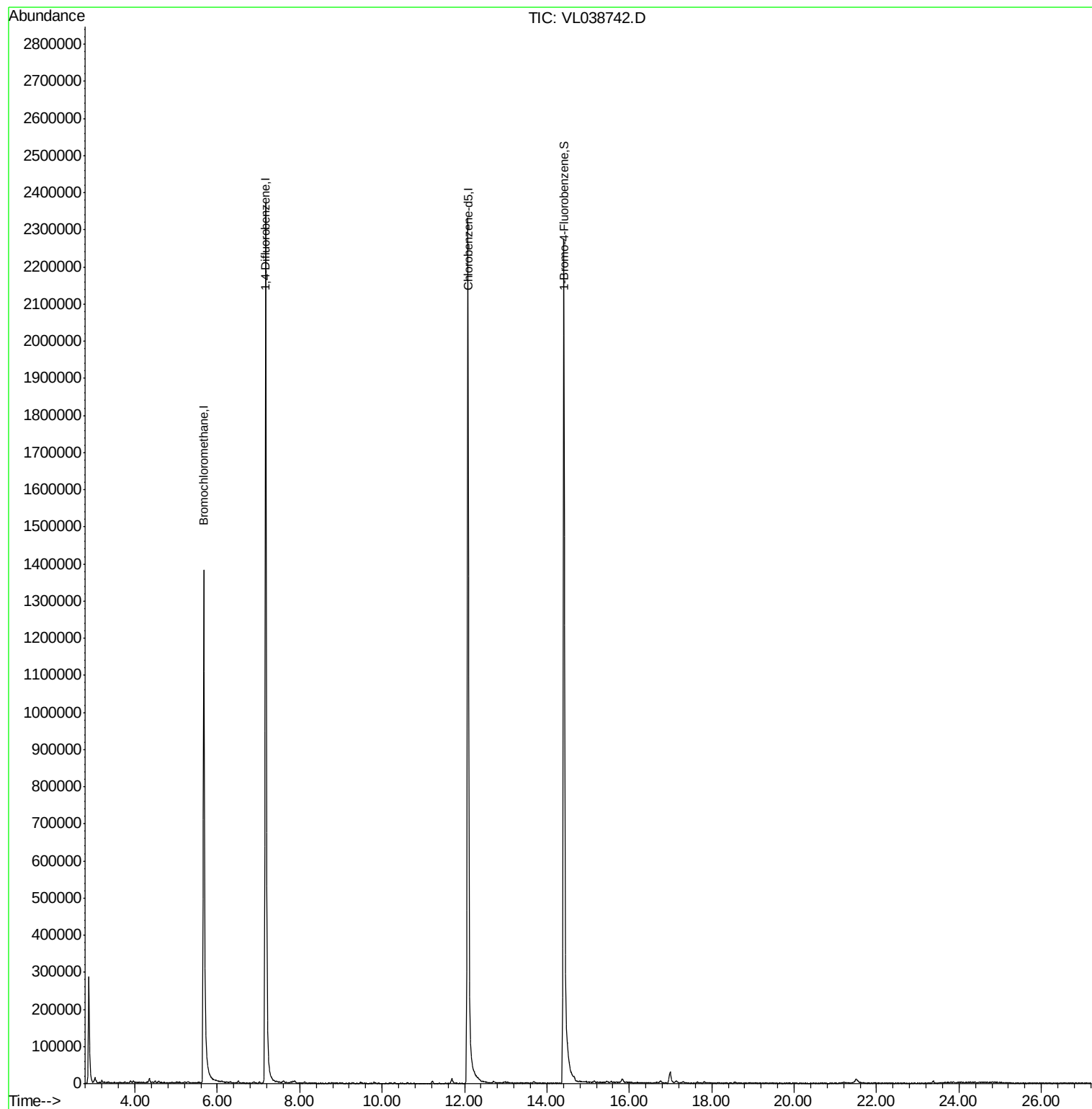
Target Compounds	Qvalue
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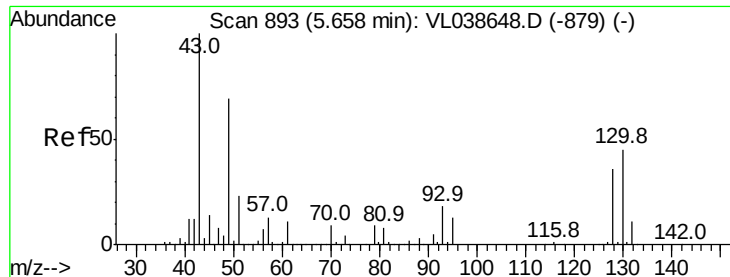
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 8:51

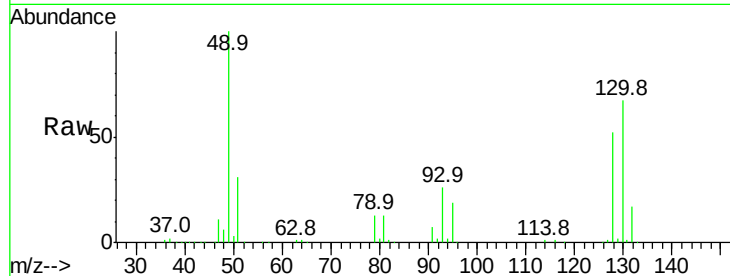
Tgt Ion: 49 Resp: 828524

Ion Ratio Lower Upper

49 100

128 53.4 26.2 78.6

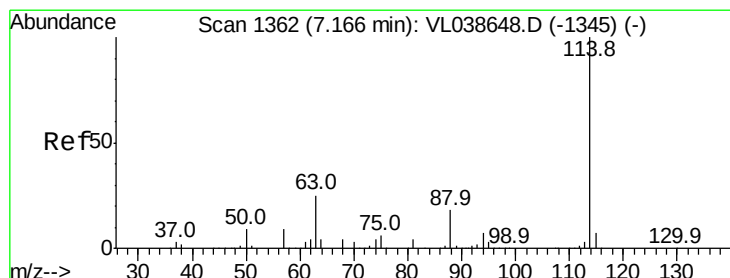
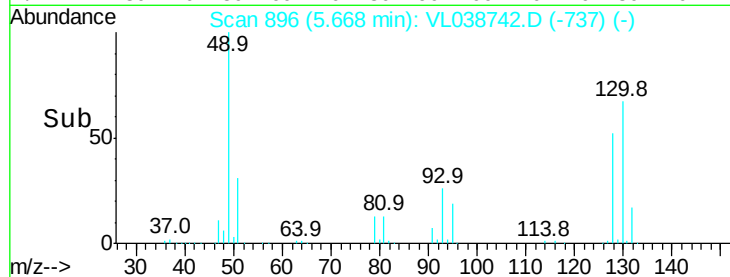
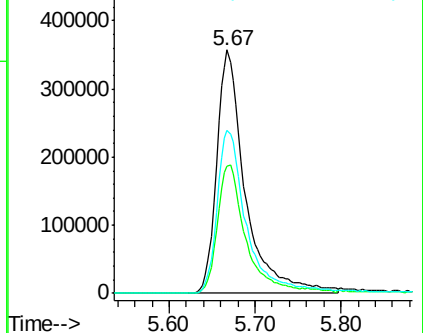
130 70.3 33.7 101.1



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: 10.00 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VL038742.D

Acq: 24 Mar 2022 8:51

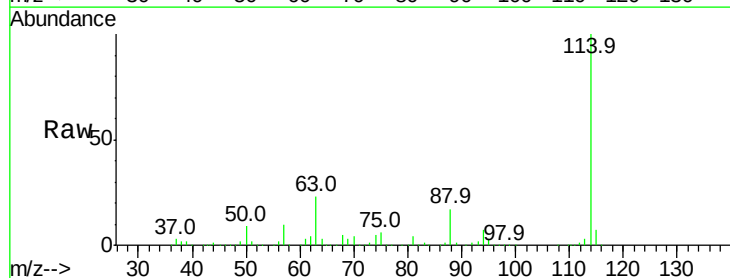
Tgt Ion: 114 Resp: 2167897

Ion Ratio Lower Upper

114 100

63 23.5 19.4 29.0

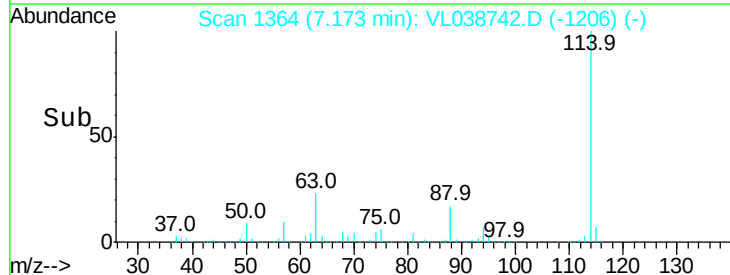
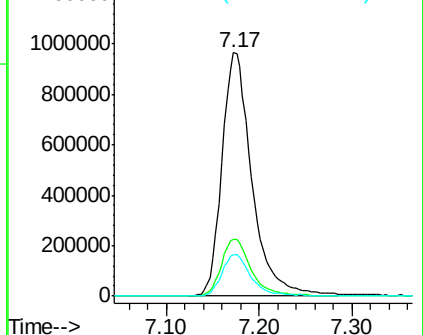
88 17.0 13.9 20.9

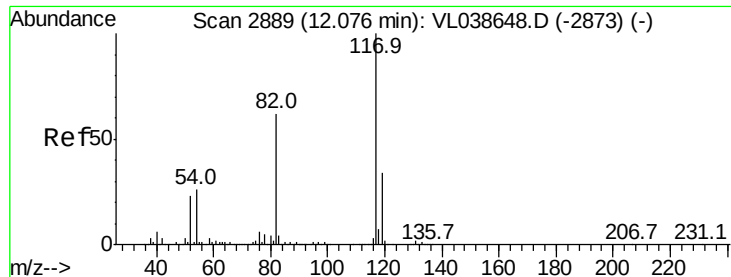


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

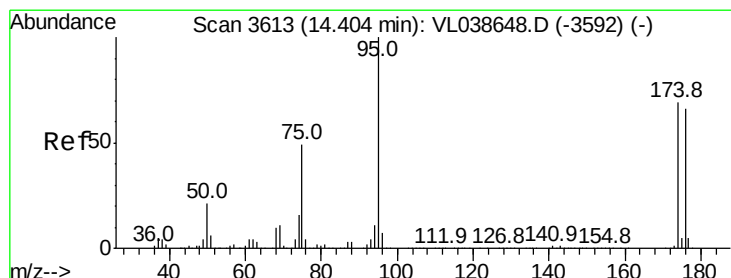
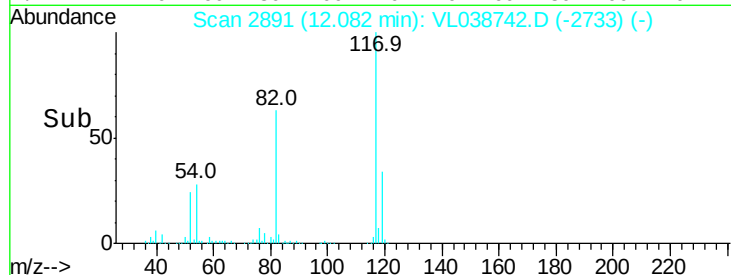
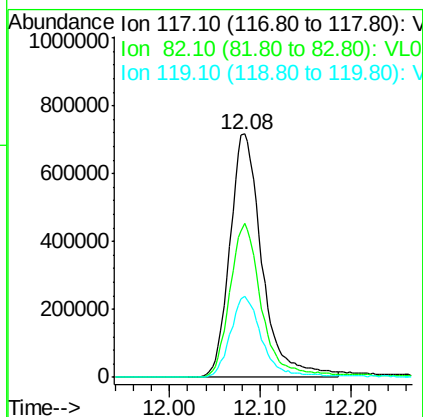
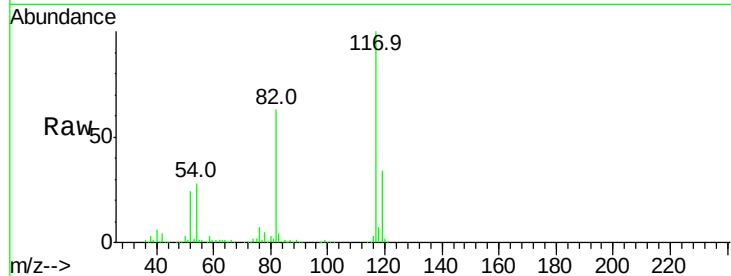
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 24 Mar 2022 8:51

Tgt Ion: 117 Resp: 1766925
 Ion Ratio Lower Upper
 117 100
 82 64.7 51.6 77.4
 119 34.0 26.9 40.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.67 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T.: 0.01 min
 Lab File: VL038742.D
 Acq: 24 Mar 2022 8:51

Tgt Ion: 95 Resp: 1310408
 Ion Ratio Lower Upper
 95 100
 174 70.4 56.1 84.1
 175 5.2 4.2 6.2

