

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
Data File : VL038584.D
Acq On : 9 Mar 2022 20:17
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Mar 10 01:15:10 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	839695	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2048074	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1769366	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1304181	9.69	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.90%

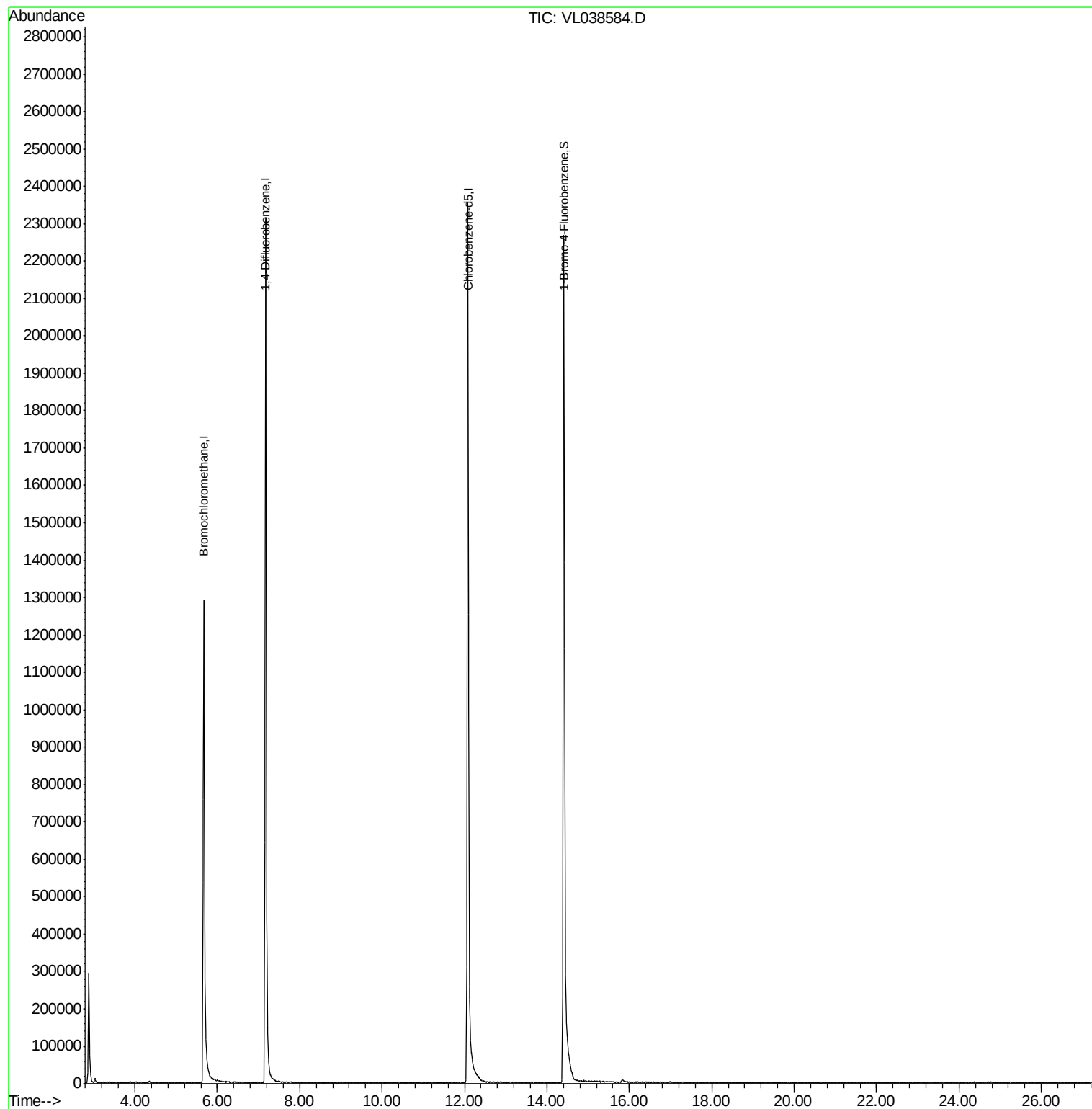
Target Compounds	Qvalue
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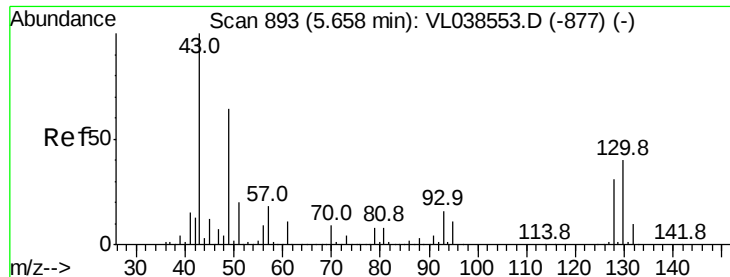
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
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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 20:17

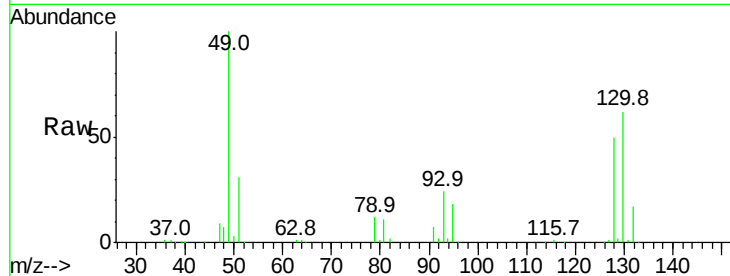
Tgt Ion: 49 Resp: 839695

Ion Ratio Lower Upper

49 100

128 51.4 26.4 79.2

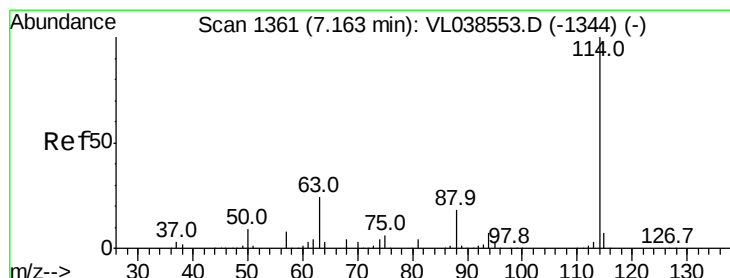
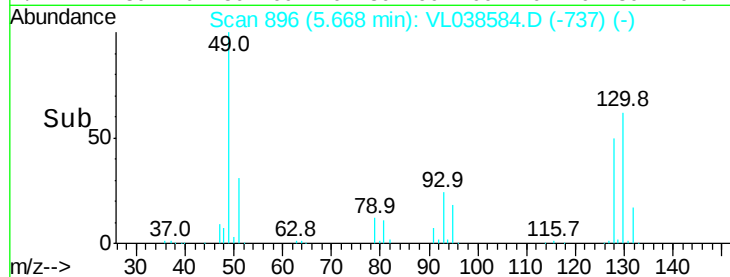
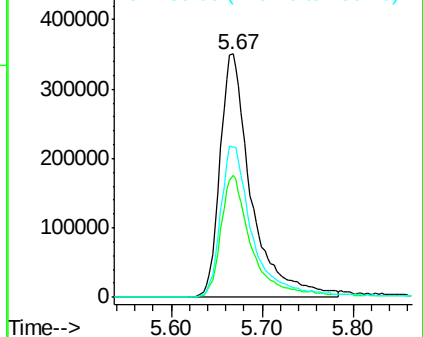
130 64.9 33.0 98.9



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: VL038584.D

Acq: 9 Mar 2022 20:17

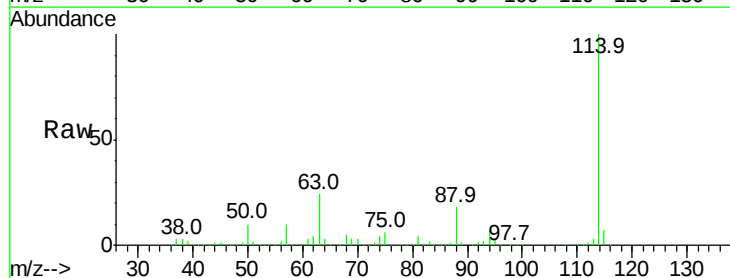
Tgt Ion: 114 Resp: 2048074

Ion Ratio Lower Upper

114 100

63 24.2 19.6 29.4

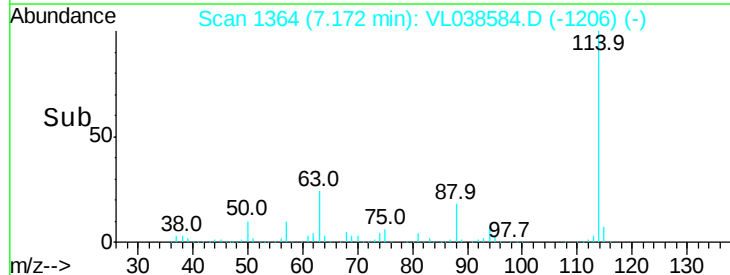
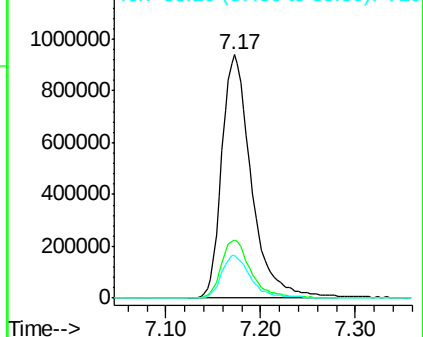
88 17.6 13.9 20.9

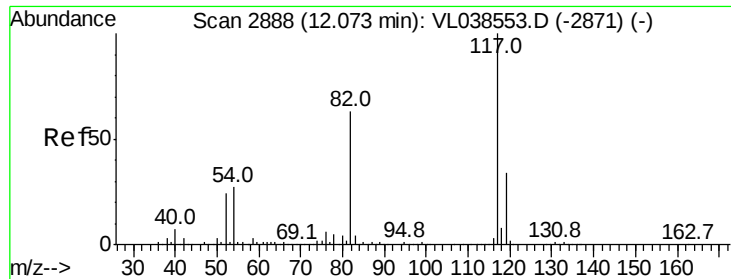


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

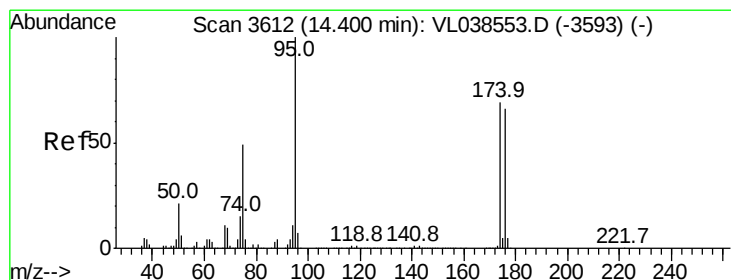
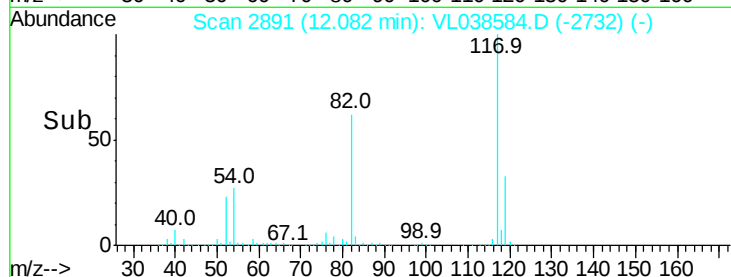
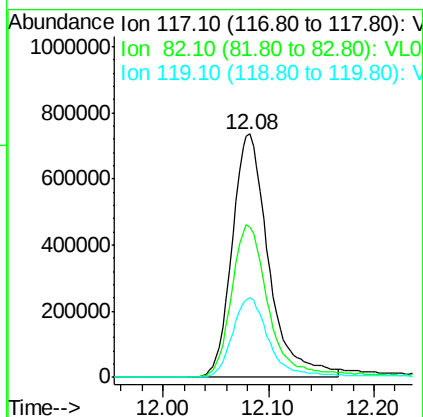
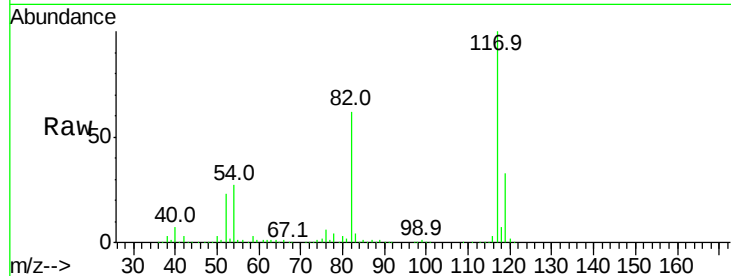




#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VIBLK
 Acq: 9 Mar 2022 20:17

Tgt Ion: 117 Resp: 1769366

Ion	Ratio	Lower	Upper
117	100		
82	66.0	52.5	78.7
119	34.0	46.4	69.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.69 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T.: 0.01 min
 Lab File: VL038584.D
 Acq: 9 Mar 2022 20:17

Tgt Ion: 95 Resp: 1304181

Ion	Ratio	Lower	Upper
95	100		
174	73.0	56.2	84.4
175	5.2	4.2	6.2

