

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
Data File : VL038095.D
Acq On : 23 Nov 2021 11:53
Operator : SY/AP
Sample : VL1123ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1123ABL01

Quant Time: Nov 24 07:11:20 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	962806	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2666760	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2381880	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1823486	10.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.10%

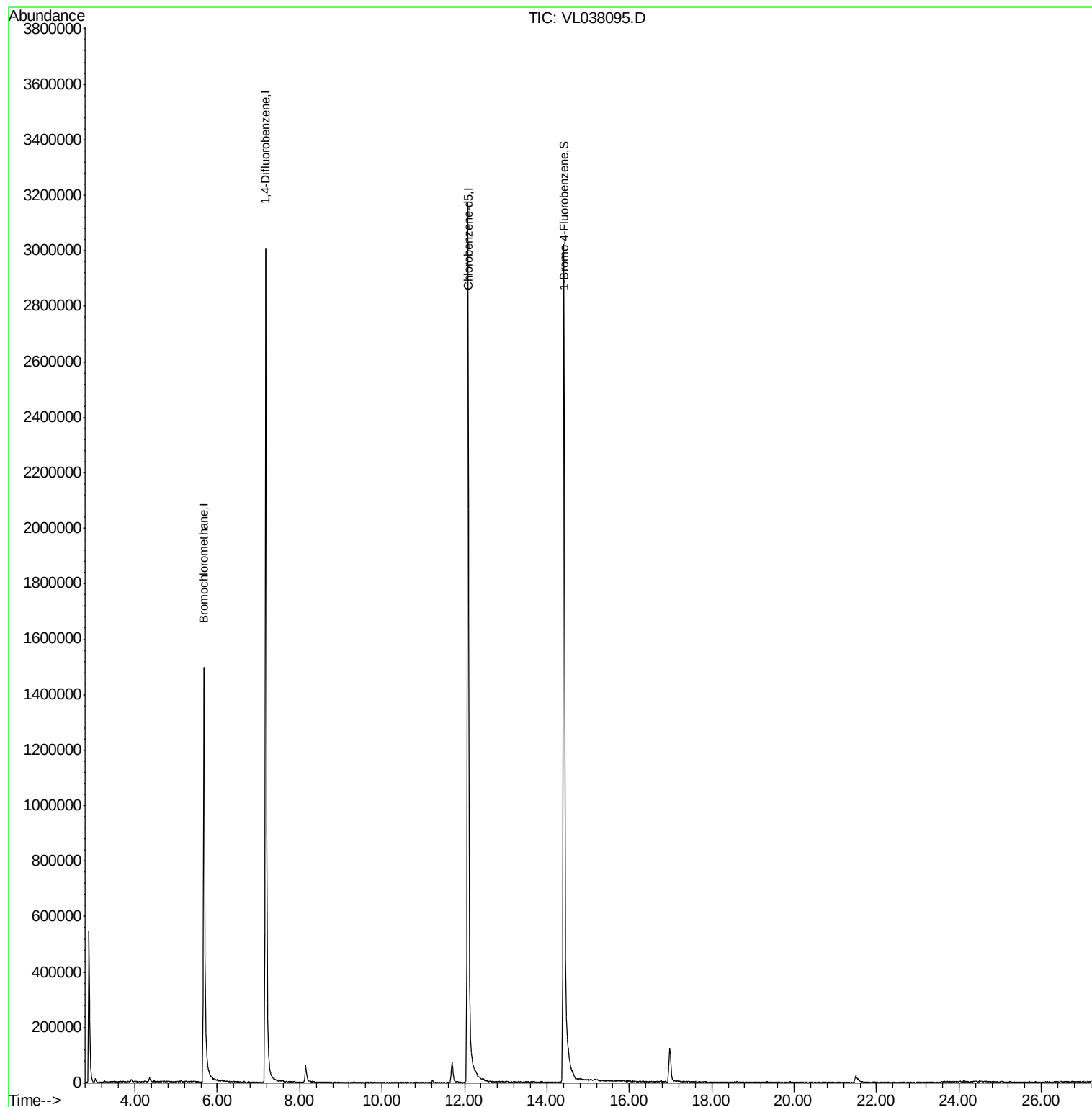
Target Compounds	Ovalue
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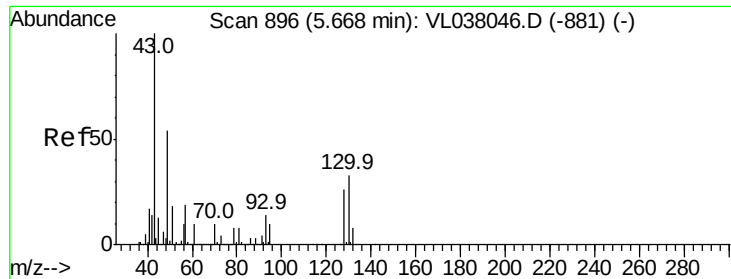
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112321\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: VL1123ABL01

Acq: 23 Nov 2021 11:53

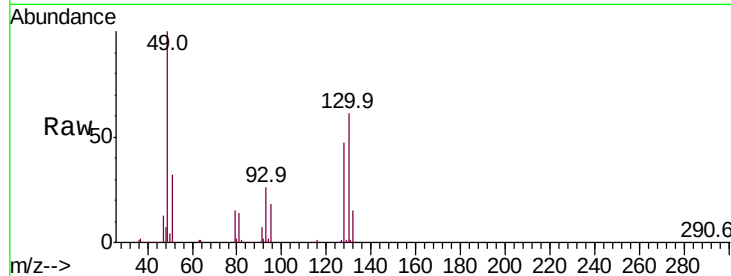
Tot Ion: 49 Resp: 962806

Ion Ratio Lower Upper

49 100

128 48.5 26.5 79.5

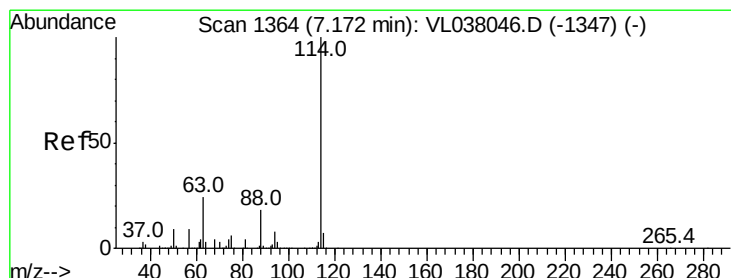
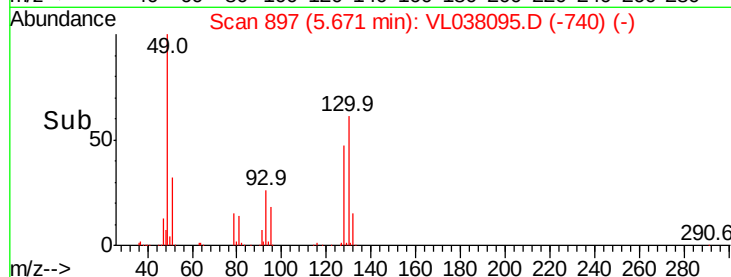
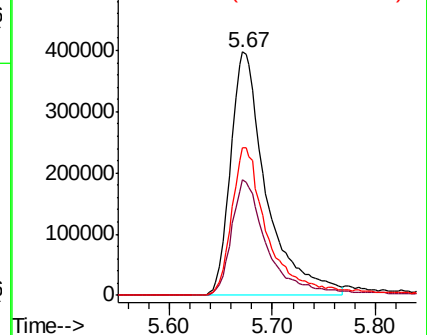
130 63.7 32.5 97.4



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: 7.18 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VL038095.D

Acq: 23 Nov 2021 11:53

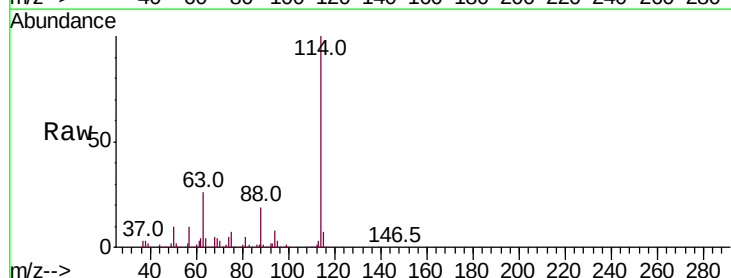
Tgt Ion: 114 Resp: 2666760

Ion Ratio Lower Upper

114 100

63 26.2 19.7 29.5

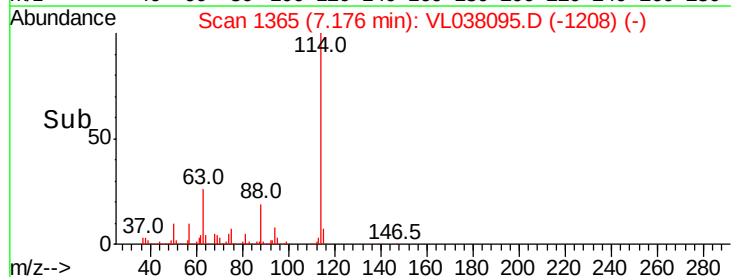
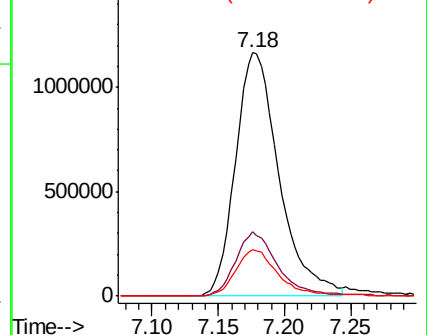
88 19.2 14.4 21.6

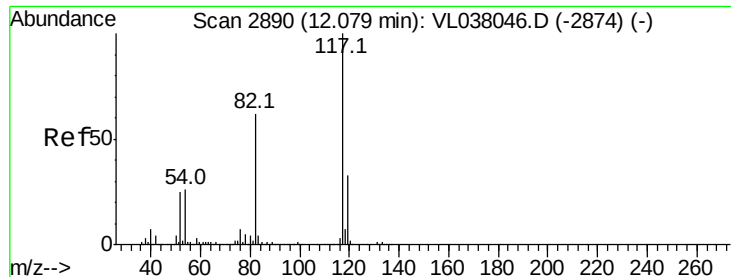


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

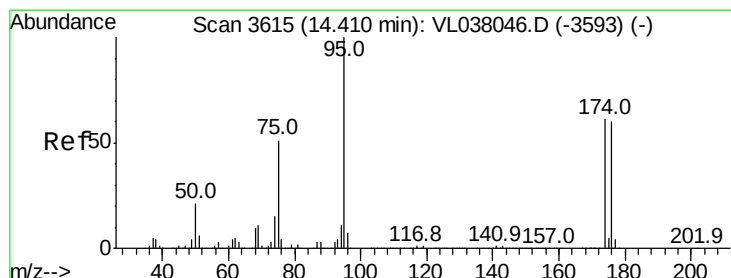
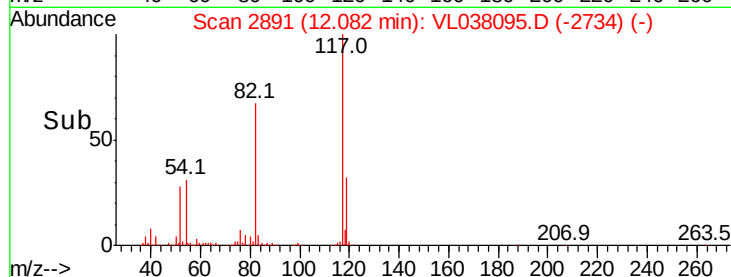
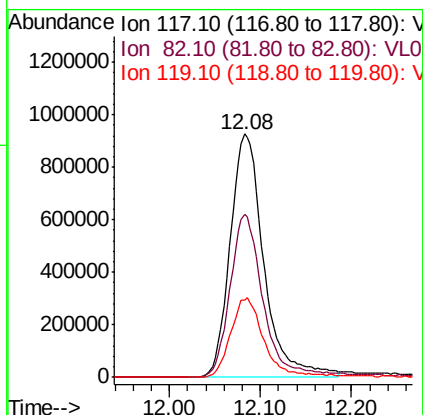
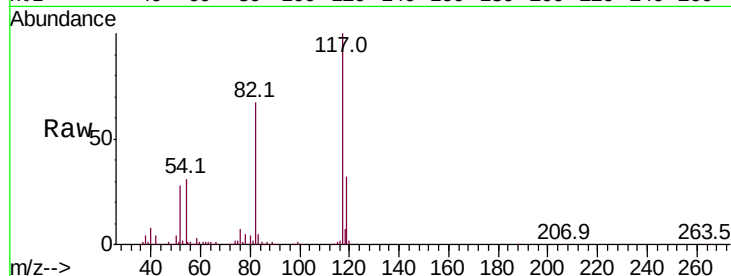
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1123ABL01
 Acq: 23 Nov 2021 11:53

Tot Ion: 117 Resp: 2381880
 Ion Ratio Lower Upper
 117 100
 82 69.6 52.8 79.2
 119 33.6 26.8 40.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.613 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T.: 0.00 min
 Lab File: VL038095.D
 Acq: 23 Nov 2021 11:53

Tgt Ion: 95 Resp: 1823486
 Ion Ratio Lower Upper
 95 100
 174 62.6 53.1 79.7
 175 4.6 4.0 6.0

