

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121421\
Data File : VL038181.D
Acq On : 15 Dec 2021 9:38
Operator : SY/AP
Sample : OC121421 CAN 10320
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC121421 CAN 10320

Quant Time: Dec 15 22:29:26 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	5.63	49	986922	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	2651442	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.03	117	2288239	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.36	95	1721175	10.43	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

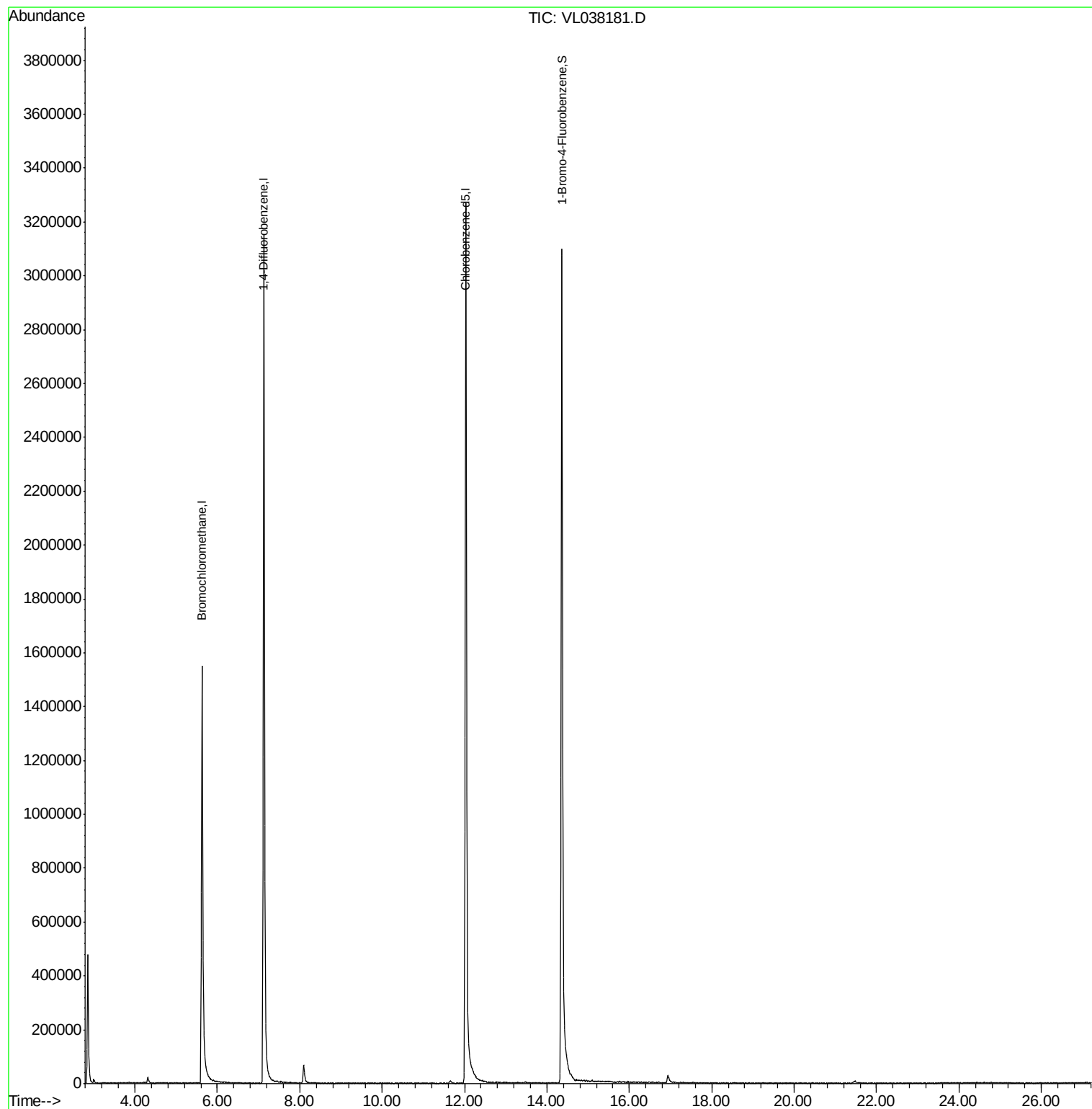
Target Compounds	Ovalue
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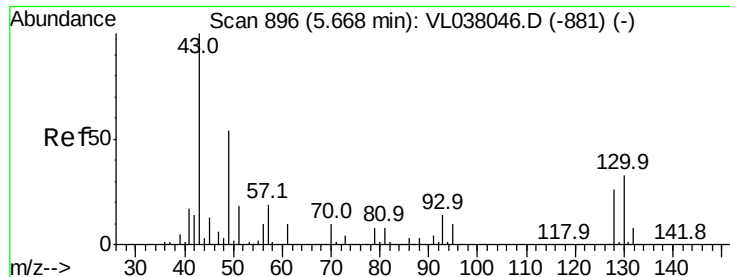
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121421\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 15 Dec 2021 9:38

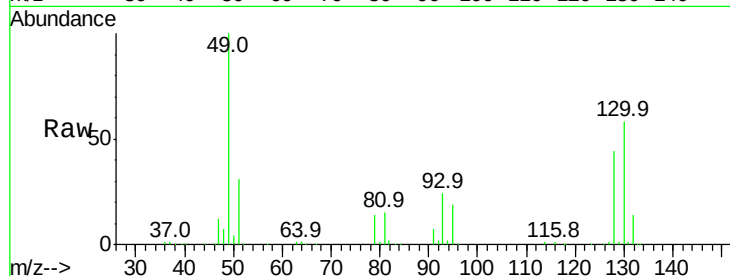
Tot Ion: 49 Resp: 986922

Ion Ratio Lower Upper

49 100

128 45.6 26.5 79.5

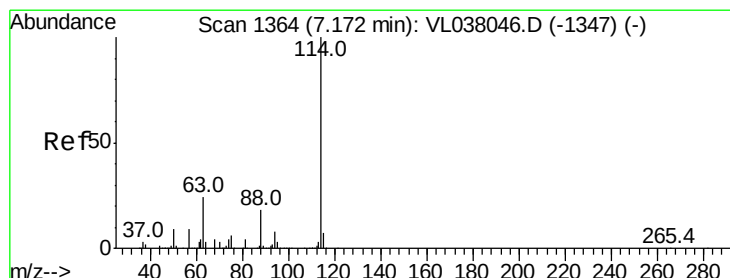
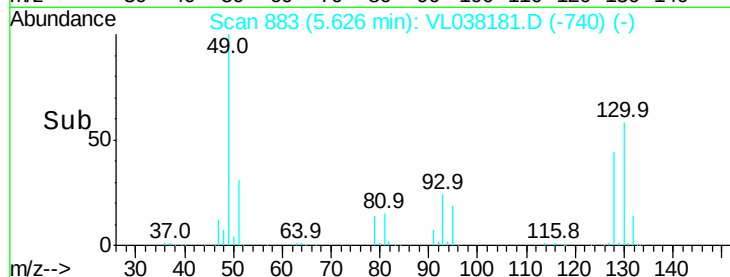
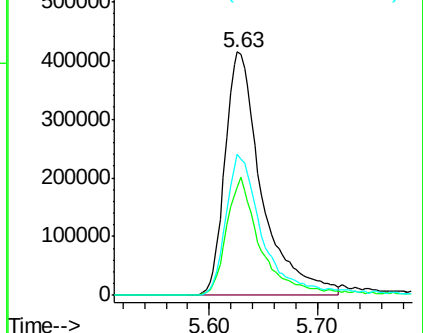
130 60.0 32.5 97.4



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: 7.13 min Scan# 1351

Delta R.T. -0.04 min

Lab File: VL038181.D

Acq: 15 Dec 2021 9:38

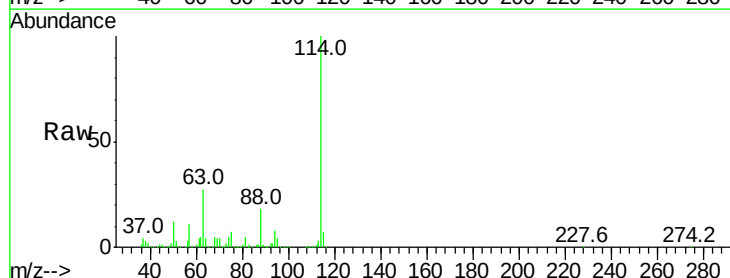
Tgt Ion:114 Resp: 2651442

Ion Ratio Lower Upper

114 100

63 27.8 19.7 29.5

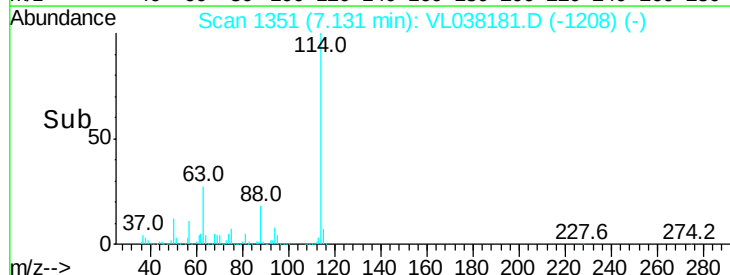
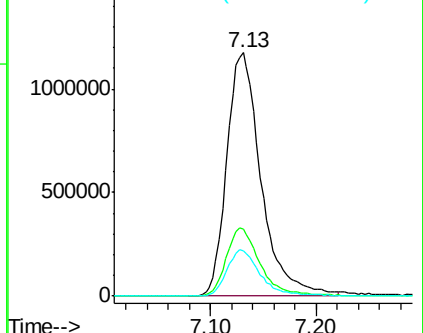
88 18.9 14.4 21.6

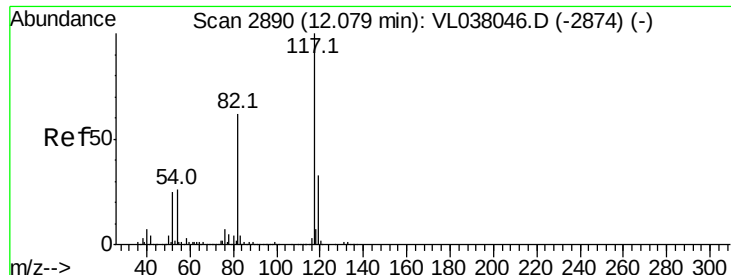


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

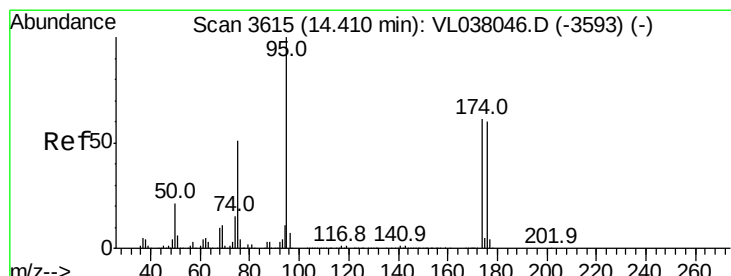
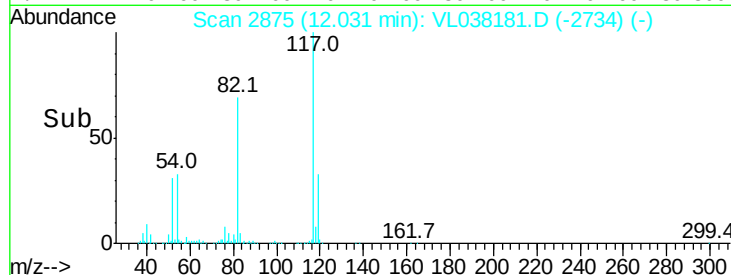
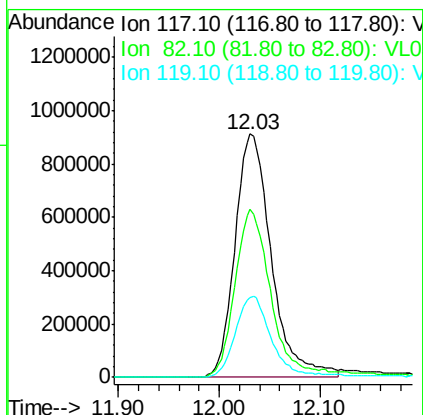
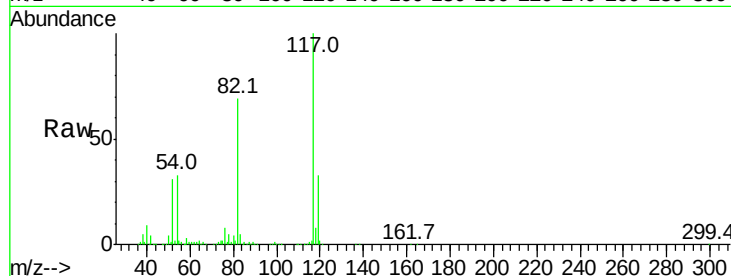
Ion 88.10 (87.80 to 88.80): VL0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.03 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 15 Dec 2021 9:38

Tot Ion: 117 Resp: 2288239
Ion Ratio Lower Upper
117 100
82 72.3 52.8 79.2
119 34.1 26.8 40.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.428 ppbv
RT: 14.36 min Scan# 3600
Delta R.T. -0.05 min
Lab File: VL038181.D
Acq: 15 Dec 2021 9:38

Tgt Ion: 95 Resp: 1721175
Ion Ratio Lower Upper
95 100
174 64.2 53.1 79.7
175 4.7 4.0 6.0

