

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121421\
Data File : VL038164.D
Acq On : 14 Dec 2021 13:30
Operator : SY/AP
Sample : VL1214ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1214ABL01

Quant Time: Dec 15 05:12:46 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	5.64	49	1109656	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	2859495	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.04	117	2329635	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1838106	10.94	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.40%

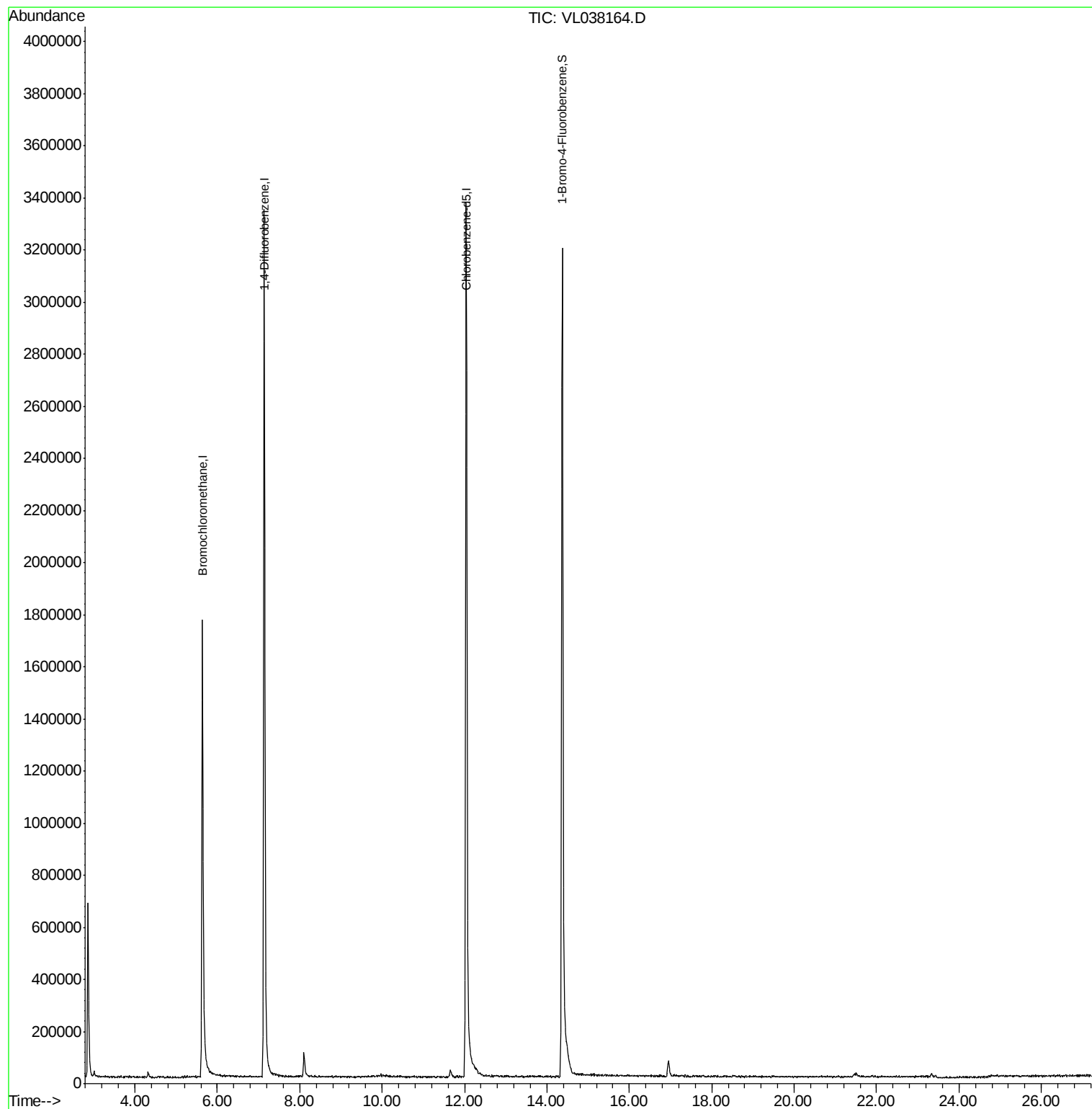
Target Compounds	Ovalue
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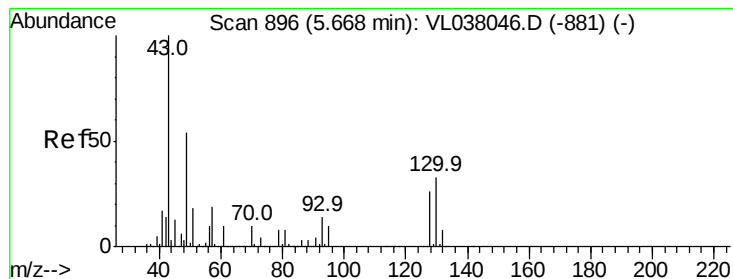
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1214ABL01

Acq: 14 Dec 2021 13:30

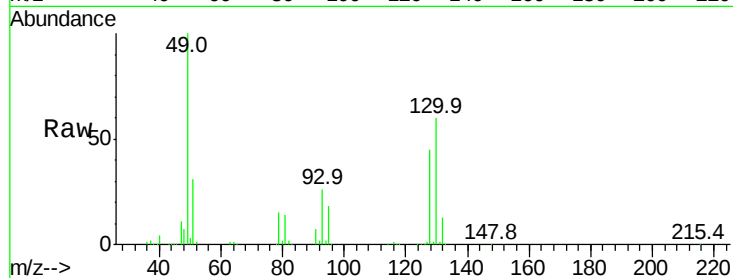
Tot Ion: 49 Resp: 1109656

Ion Ratio Lower Upper

49 100

128 47.3 26.5 79.5

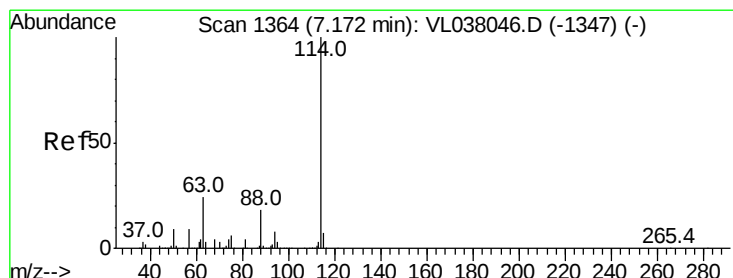
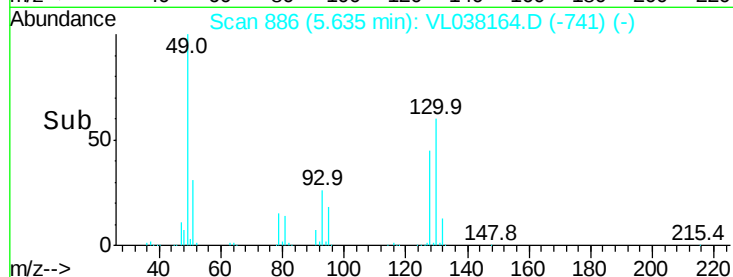
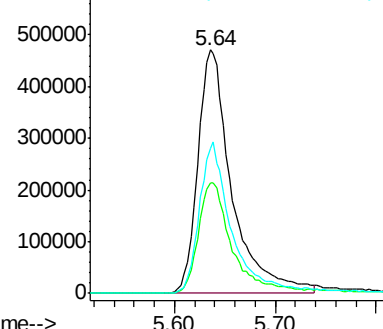
130 61.1 32.5 97.4



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: 7.14 min Scan# 1354

Delta R.T. -0.03 min

Lab File: VL038164.D

Acq: 14 Dec 2021 13:30

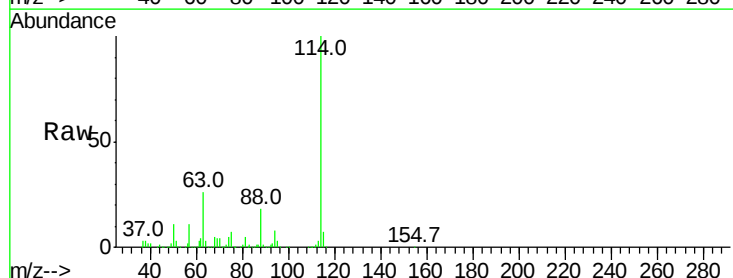
Tgt Ion: 114 Resp: 2859495

Ion Ratio Lower Upper

114 100

63 26.7 19.7 29.5

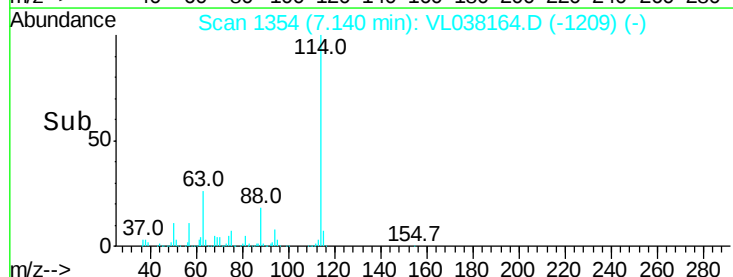
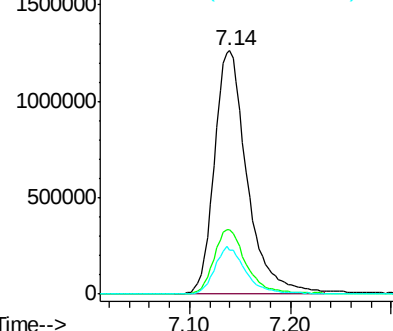
88 18.9 14.4 21.6

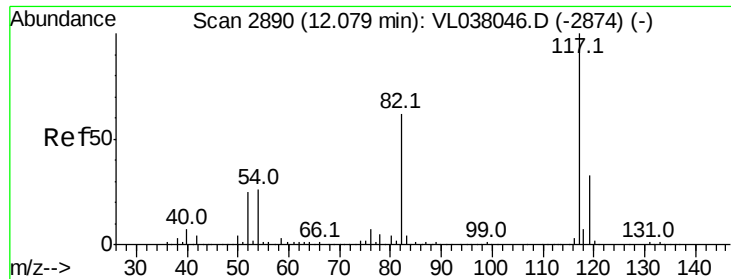


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

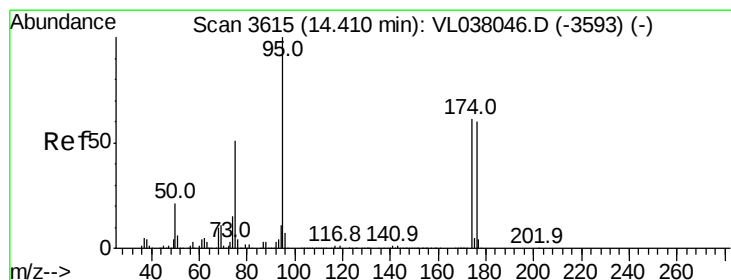
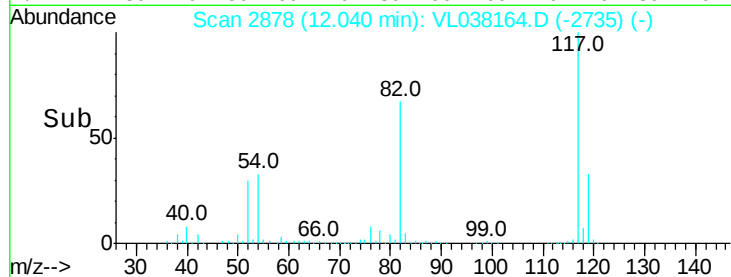
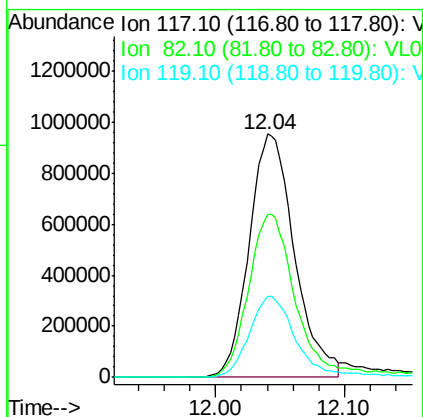
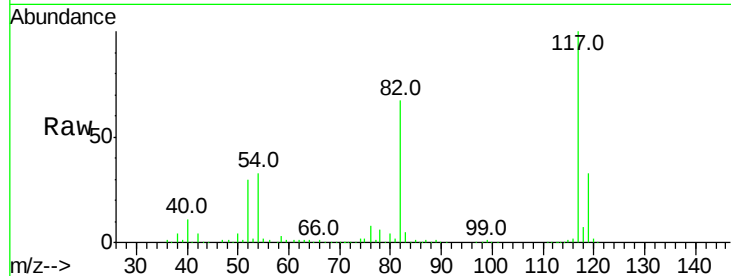




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.04 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1214ABL01
 Acq: 14 Dec 2021 13:30

Tot Ion: 117 Resp: 2329635

Ion	Ratio	Lower	Upper
117	100		
82	75.1	52.8	79.2
119	35.5	26.8	40.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.939 ppbv
 RT: 14.37 min Scan# 3603
 Delta R.T.: -0.04 min
 Lab File: VL038164.D
 Acq: 14 Dec 2021 13:30

Tgt Ion: 95 Resp: 1838106

Ion	Ratio	Lower	Upper
95	100		
174	63.5	53.1	79.7
175	4.6	4.0	6.0

