

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
Data File : VL038059.D
Acq On : 18 Nov 2021 18:32
Operator : SY/AP
Sample : OC111021 CAN 10060
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC111021 CAN 10060

Quant Time: Nov 19 07:53:12 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	872199	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2505761	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2153963	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1574995	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

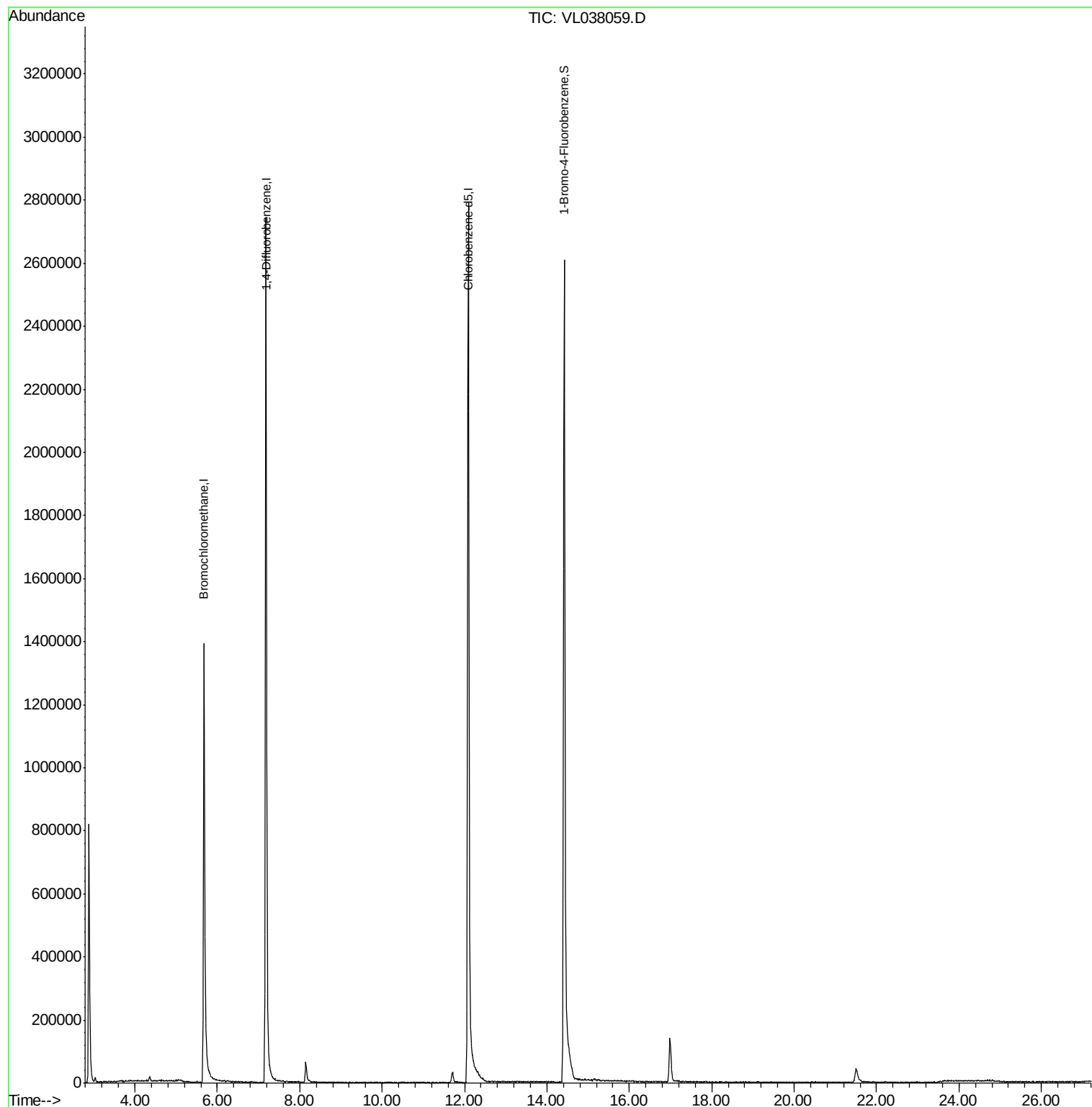
Target Compounds	Ovalue
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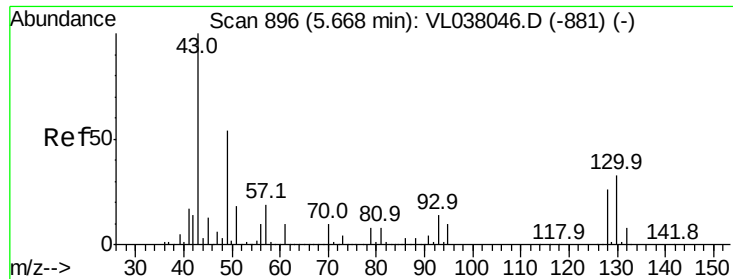
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: OC111021 CAN 10060

Acq: 18 Nov 2021 18:32

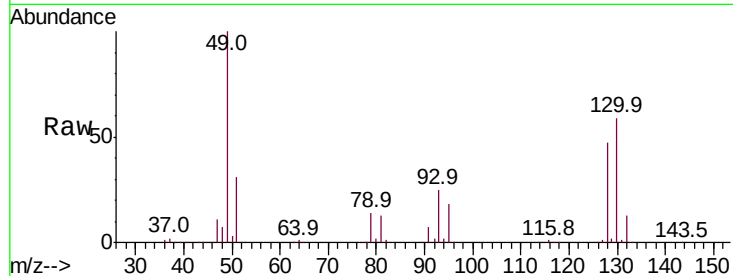
Tot Ion: 49 Resp: 872199

Ion Ratio Lower Upper

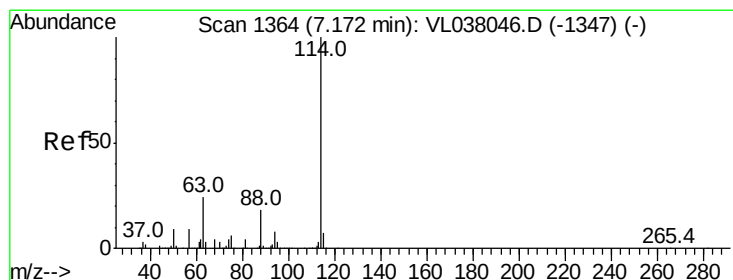
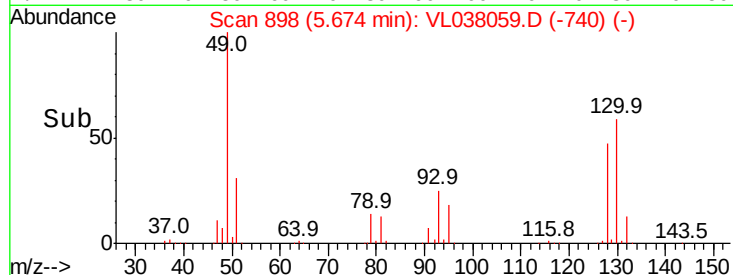
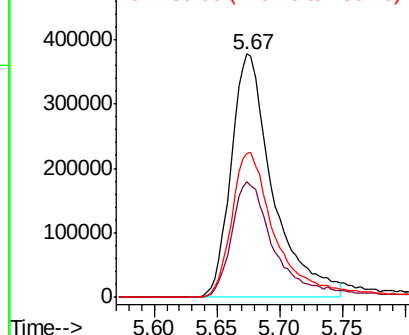
49 100

128 51.5 26.5 79.5

130 66.4 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# 1366

Delta R.T. 0.01 min

Lab File: VL038059.D

Acq: 18 Nov 2021 18:32

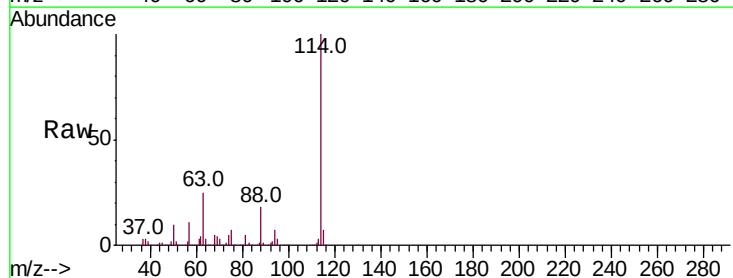
Tgt Ion:114 Resp: 2505761

Ion Ratio Lower Upper

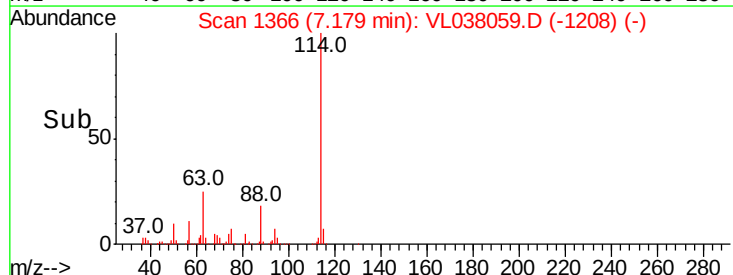
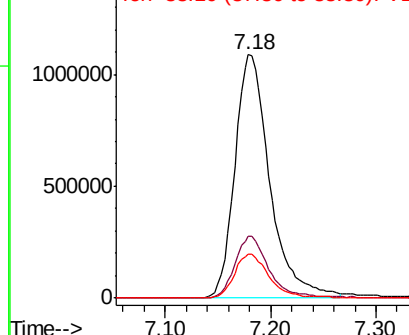
114 100

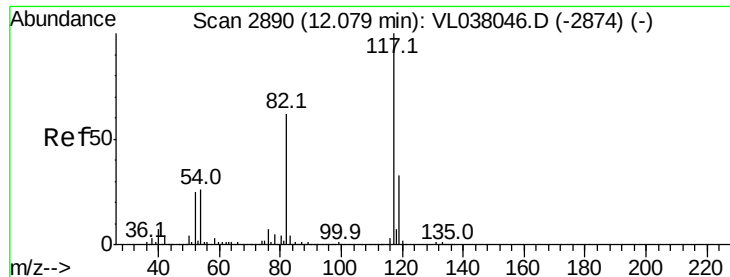
63 25.3 19.7 29.5

88 18.2 14.4 21.6



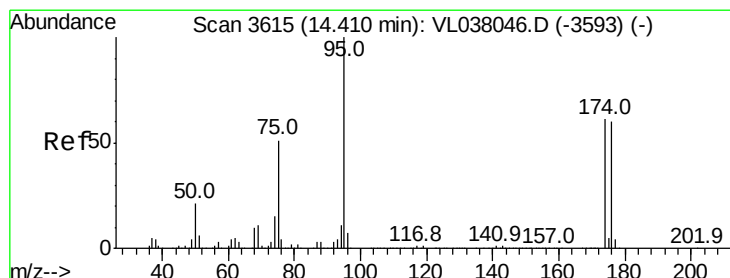
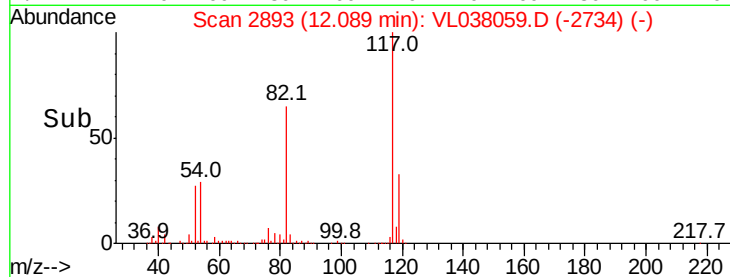
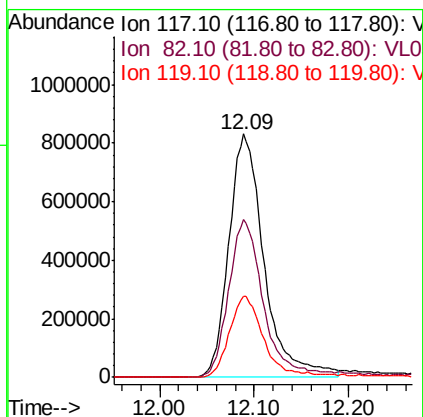
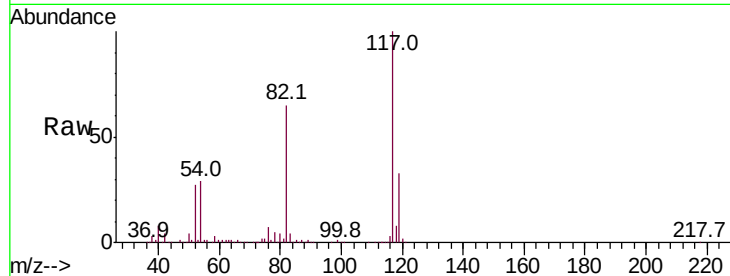
Abundance Ion 114.10 (113.80 to 114.80): VL0
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 OC111021 CAN 10060
 Acq: 18 Nov 2021 18:32

Tot Ion: 117 Resp: 2153963
 Ion Ratio Lower Upper
 117 100
 82 65.9 52.8 79.2
 119 34.2 26.8 40.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.137 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T.: 0.01 min
 Lab File: VL038059.D
 Acq: 18 Nov 2021 18:32

Tgt Ion: 95 Resp: 1574995
 Ion Ratio Lower Upper
 95 100
 174 65.8 53.1 79.7
 175 4.7 4.0 6.0

