

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012422\
Data File : VL038264.D
Acq On : 24 Jan 2022 17:50
Operator : SY/AP
Sample : QC011322 CAN 10609
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC011322 CAN 10609

Quant Time: Jan 24 22:21:22 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	830276	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2191350	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1752145	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1355915	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

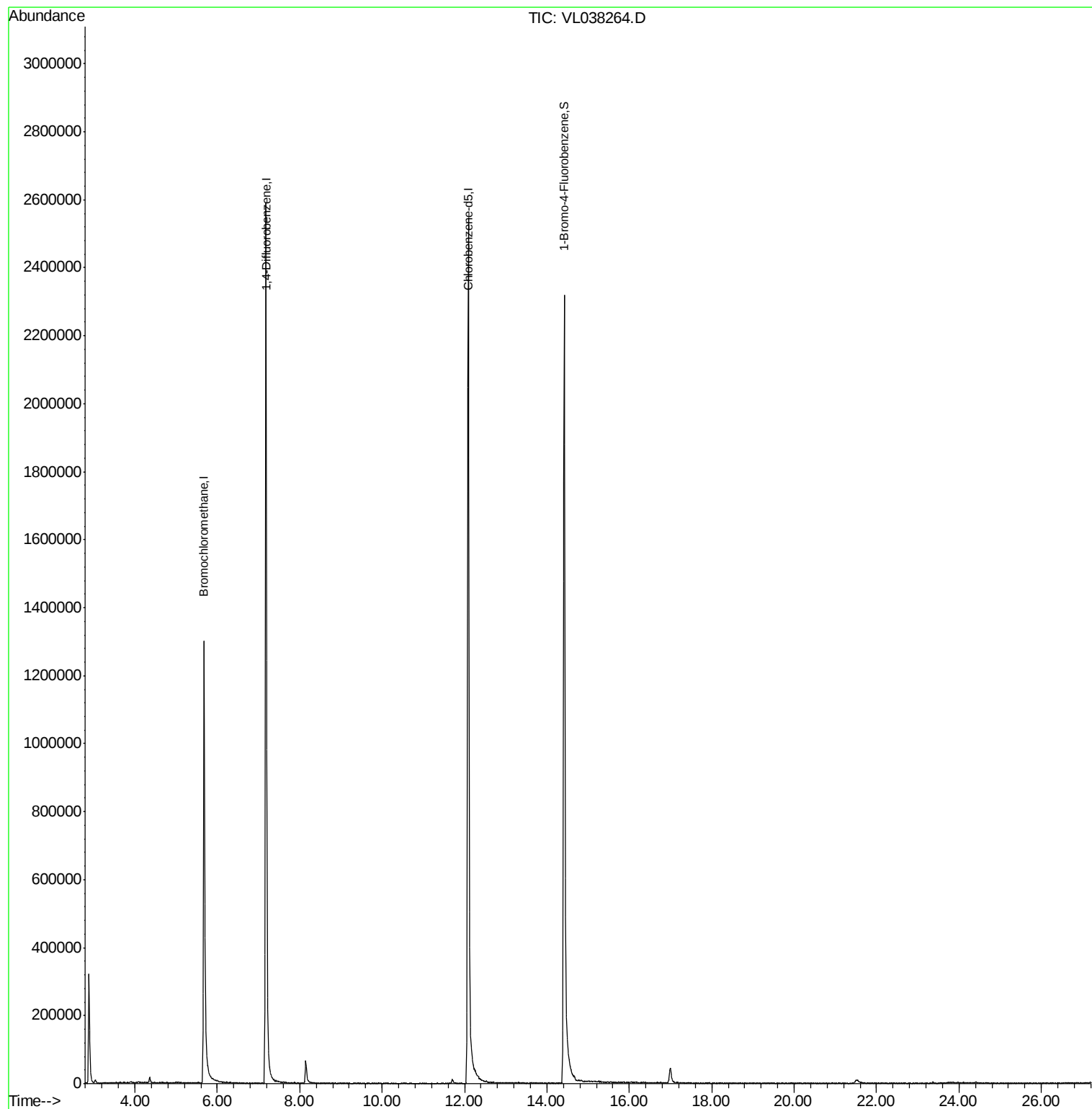
Target Compounds	Ovalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: QC011322 CAN 10609

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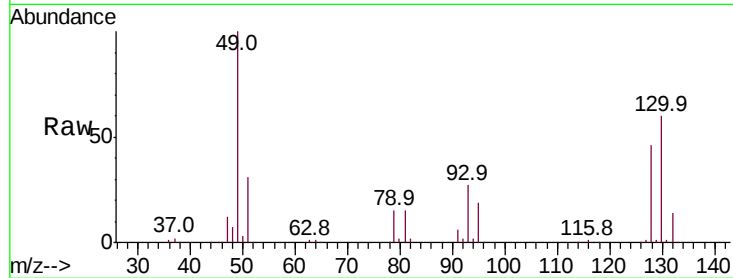
Tot Ion: 49 Resp: 830276

Ion Ratio Lower Upper

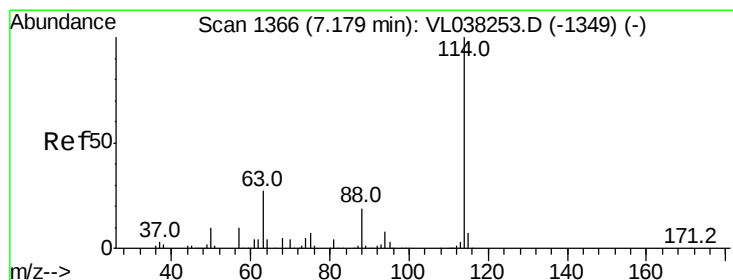
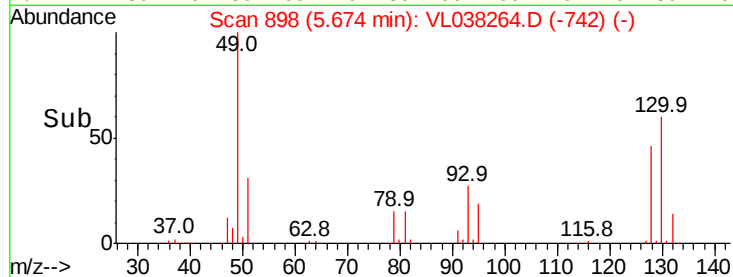
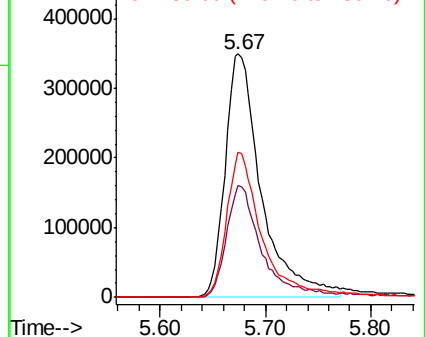
49 100

128 46.9 24.5 73.5

130 59.5 30.1 90.5



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# 1367

Delta R.T. 0.00 min

Lab File: VL038264.D

Acq: 24 Jan 2022 17:50

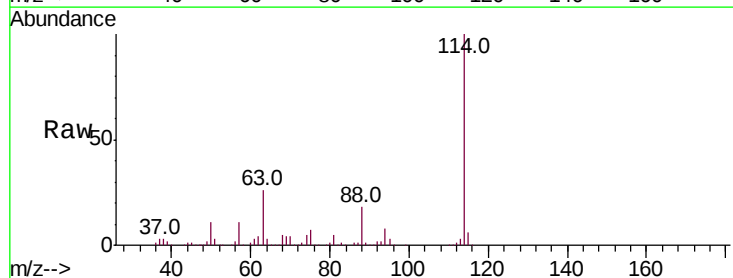
Tgt Ion: 114 Resp: 2191350

Ion Ratio Lower Upper

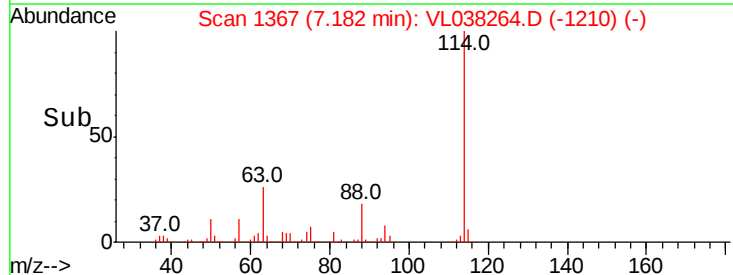
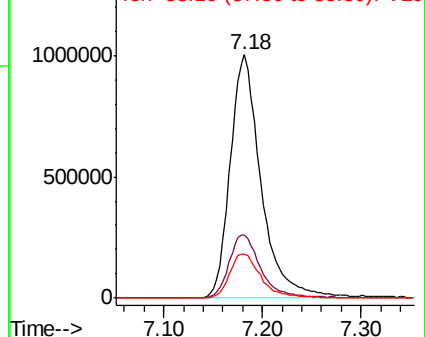
114 100

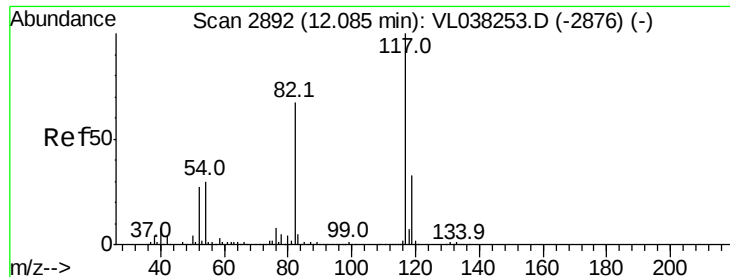
63 27.3 22.0 33.0

88 18.9 15.0 22.6



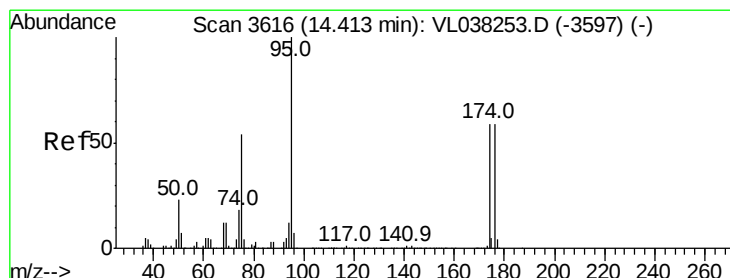
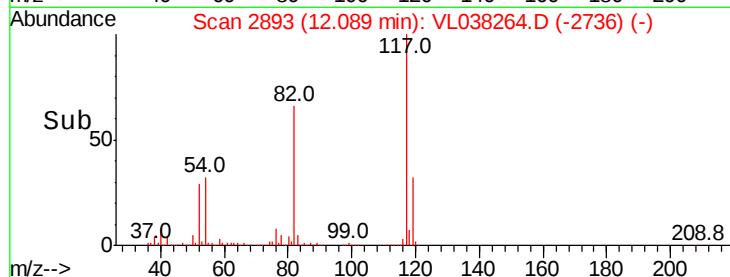
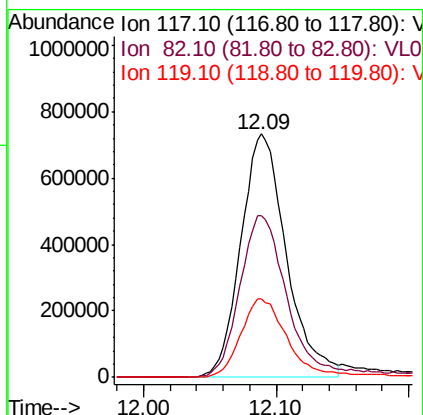
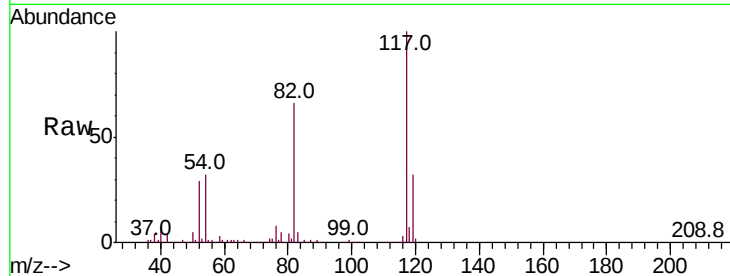
Abundance Ion 114.10 (113.80 to 114.80): VL0
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 24 Jan 2022 17:50

Tot Ion: 117 Resp: 1752145
 Ion Ratio Lower Upper
 117 100
 82 73.8 54.4 81.6
 119 34.5 45.9 68.9#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.196 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T.: 0.01 min
 Lab File: VL038264.D
 Acq: 24 Jan 2022 17:50

Tgt Ion: 95 Resp: 1355915
 Ion Ratio Lower Upper
 95 100
 174 61.4 48.3 72.5
 175 4.2 3.5 5.3

