

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
Data File : VL038536.D
Acq On : 4 Mar 2022 16:29
Operator : SY/AP
Sample : CAN 10326
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10326

Quant Time: Mar 05 05:10:57 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	991552	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	2426875	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.05	117	1913354	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1474170	9.31	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.10%

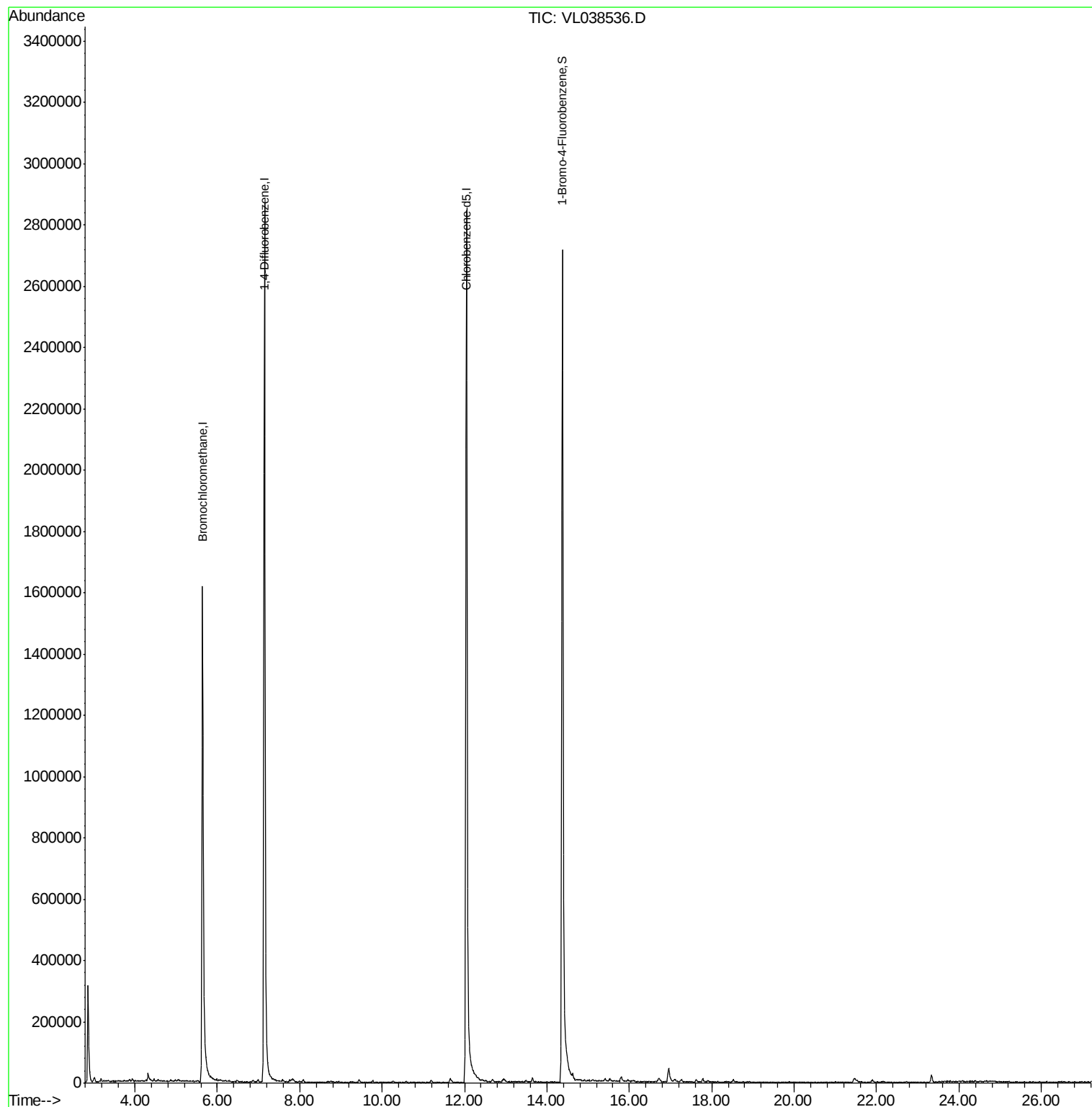
Target Compounds	Ovalue
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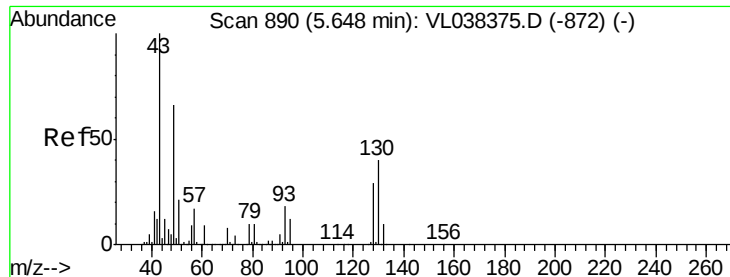
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: CAN10326

Acq: 4 Mar 2022 16:29

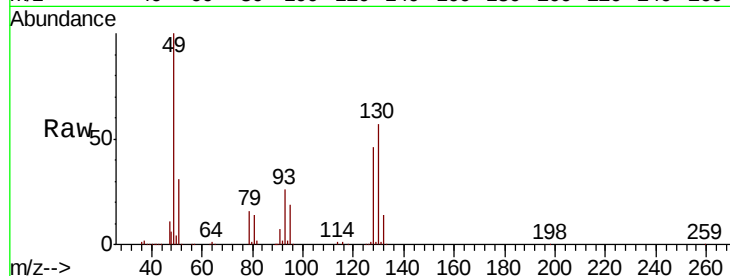
Tot Ion: 49 Resp: 991552

Ion Ratio Lower Upper

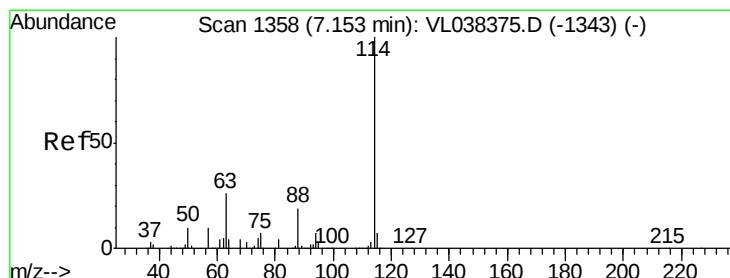
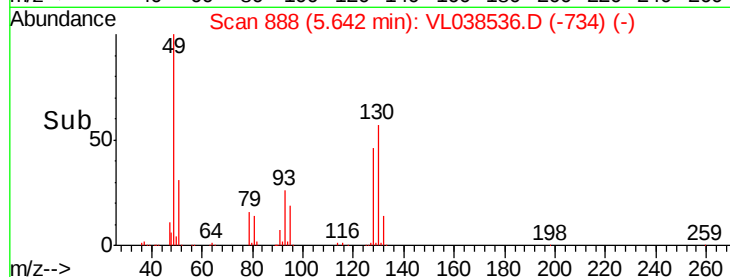
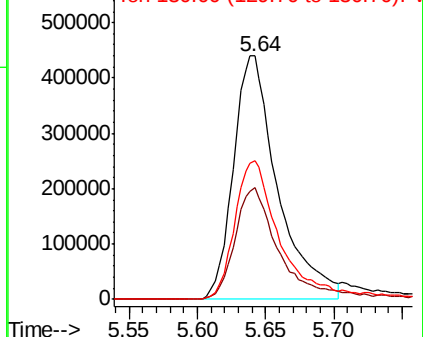
49 100

128 47.1 24.3 72.9

130 62.1 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: 7.14 min Scan# 1354

Delta R.T. -0.01 min

Lab File: VL038536.D

Acq: 4 Mar 2022 16:29

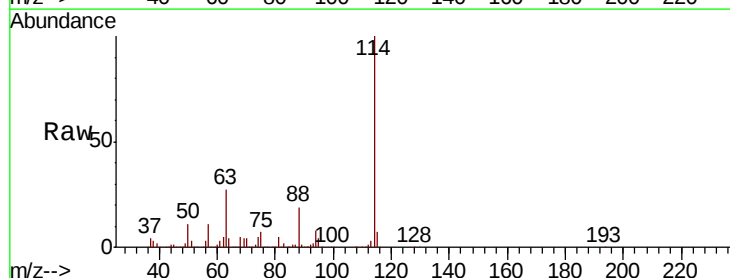
Tgt Ion: 114 Resp: 2426875

Ion Ratio Lower Upper

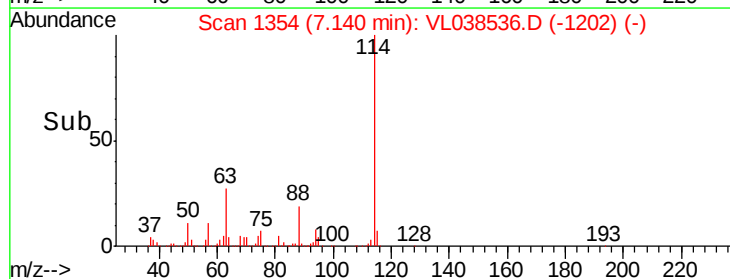
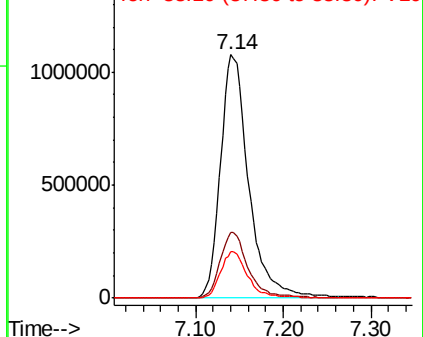
114 100

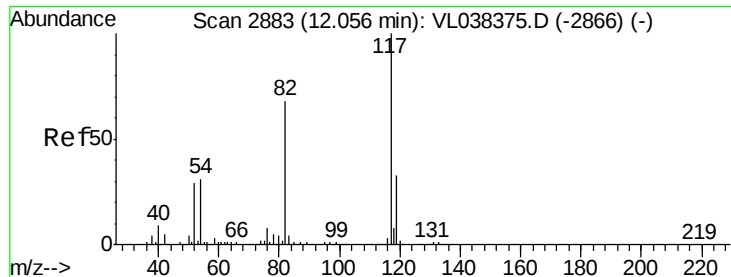
63 27.1 22.2 33.2

88 18.7 15.2 22.8



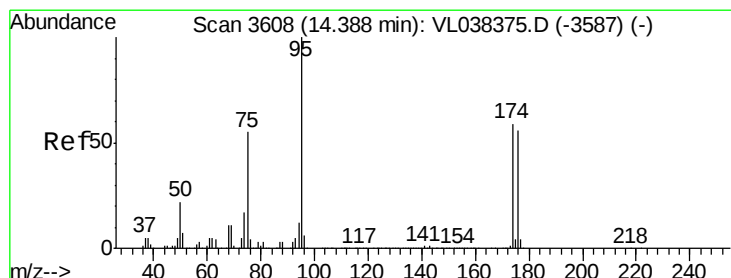
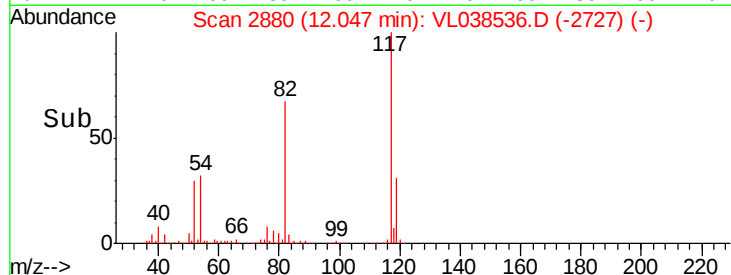
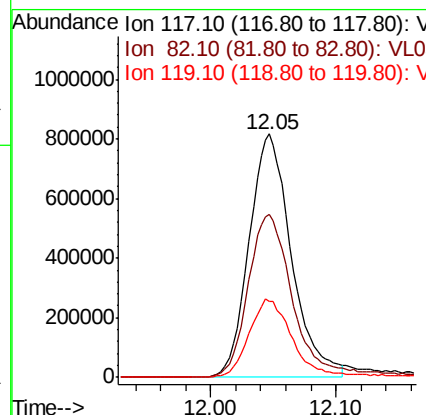
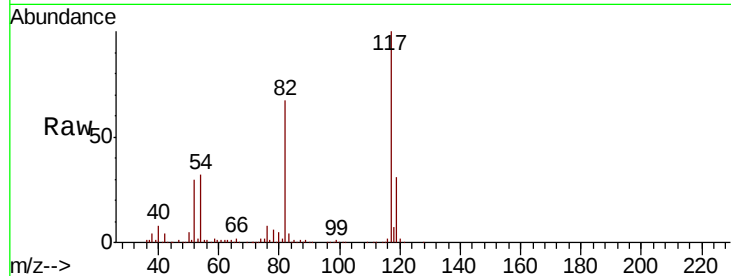
Abundance Ion 114.10 (113.80 to 114.80): VL0
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.05 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 4 Mar 2022 16:29

Tot Ion: 117 Resp: 1913354
 Ion Ratio Lower Upper
 117 100
 82 74.9 54.9 82.3
 119 34.0 46.1 69.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.312 ppbv
 RT: 14.37 min Scan# 3604
 Delta R.T.: -0.01 min
 Lab File: VL038536.D
 Acq: 4 Mar 2022 16:29

Tgt Ion: 95 Resp: 1474170
 Ion Ratio Lower Upper
 95 100
 174 62.0 49.0 73.4
 175 4.7 3.6 5.4

