

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030322\
Data File : VL038522.D
Acq On : 3 Mar 2022 20:32
Operator : SY/AP
Sample : CAN 10258
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10258

Quant Time: Mar 04 06:26:31 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	602274	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	1354168	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.05	117	889446	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	733252	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

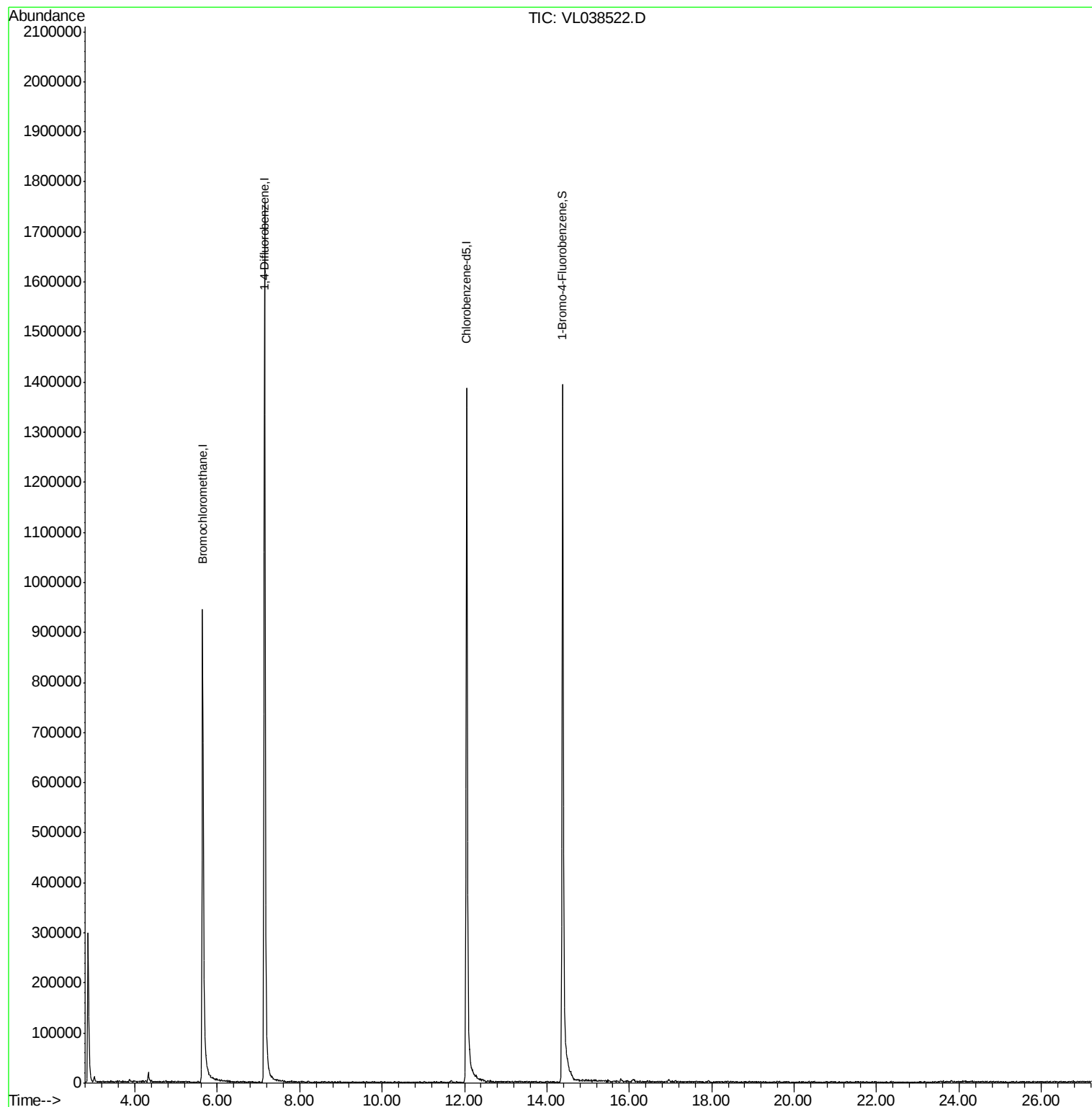
Target Compounds	Ovalue
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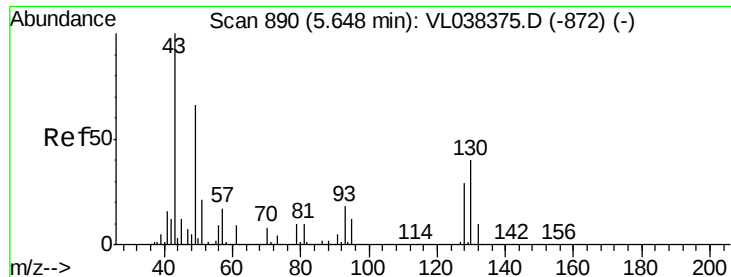
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: CAN 10258

Acq: 3 Mar 2022 20:32

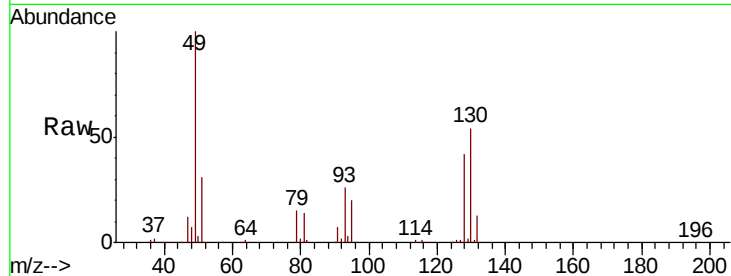
Tot Ion: 49 Resp: 602274

Ion Ratio Lower Upper

49 100

128 44.9 24.3 72.9

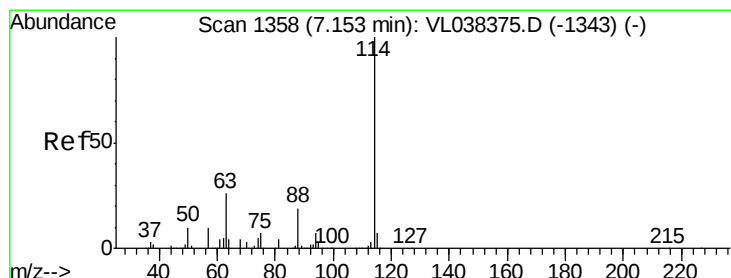
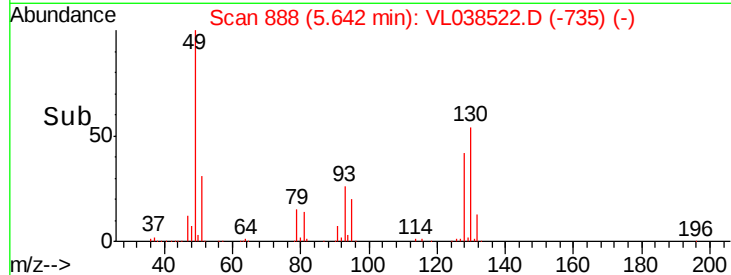
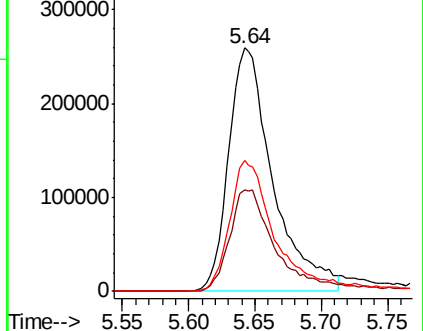
130 58.0 30.1 90.5



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: 7.15 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VL038522.D

Acq: 3 Mar 2022 20:32

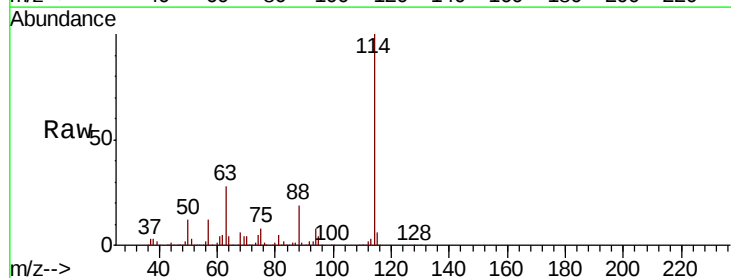
Tgt Ion: 114 Resp: 1354168

Ion Ratio Lower Upper

114 100

63 30.1 22.2 33.2

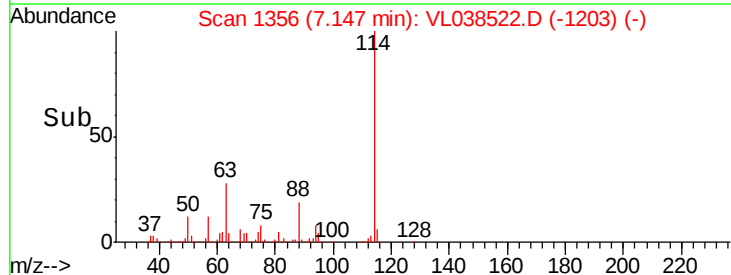
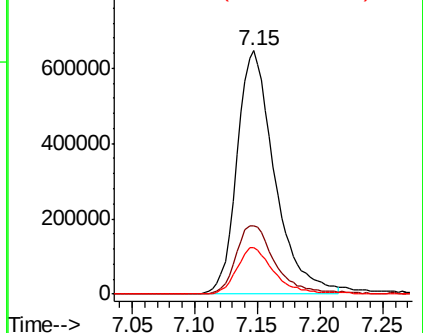
88 19.4 15.2 22.8

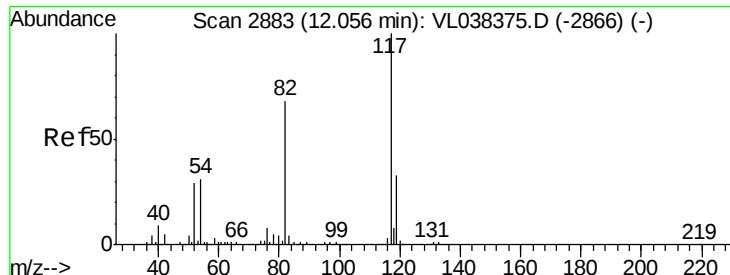


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

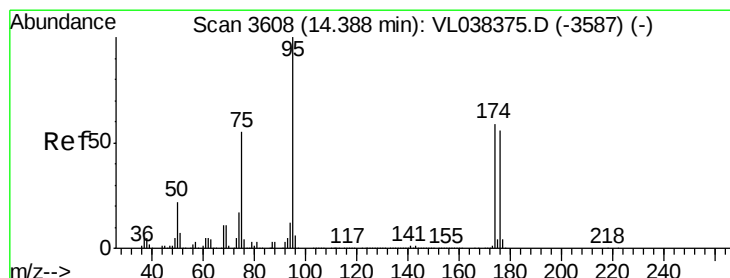
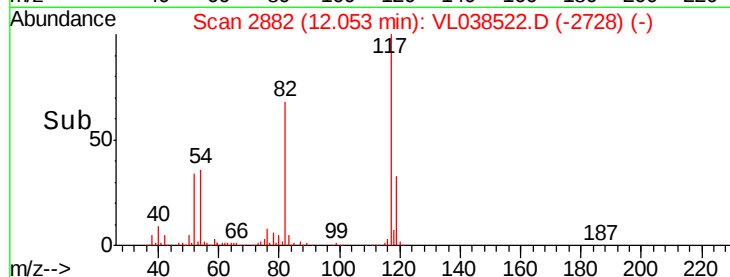
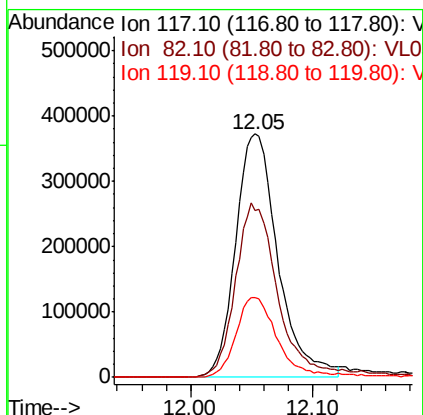
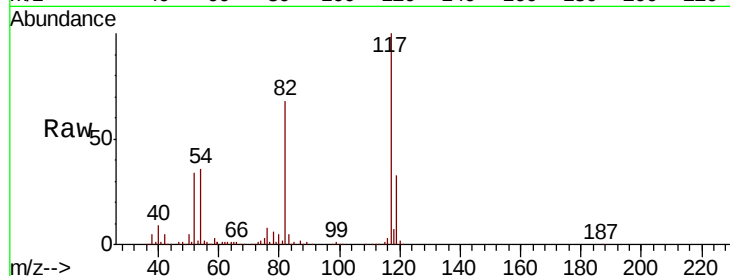
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.05 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 3 Mar 2022 20:32

Tot Ion: 117 Resp: 889446
 Ion Ratio Lower Upper
 117 100
 82 75.2 54.9 82.3
 119 33.3 46.1 69.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.963 ppbv
 RT: 14.38 min Scan# 3606
 Delta R.T.: -0.01 min
 Lab File: VL038522.D
 Acq: 3 Mar 2022 20:32

Tgt Ion: 95 Resp: 733252
 Ion Ratio Lower Upper
 95 100
 174 59.2 49.0 73.4
 175 4.1 3.6 5.4

