

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030322\
Data File : VL038526.D
Acq On : 3 Mar 2022 23:10
Operator : SY/AP
Sample : CAN 10058
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10058

Quant Time: Mar 04 06:42:39 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	470081	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	1054540	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.05	117	497232	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	320046	7.78	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	77.80%

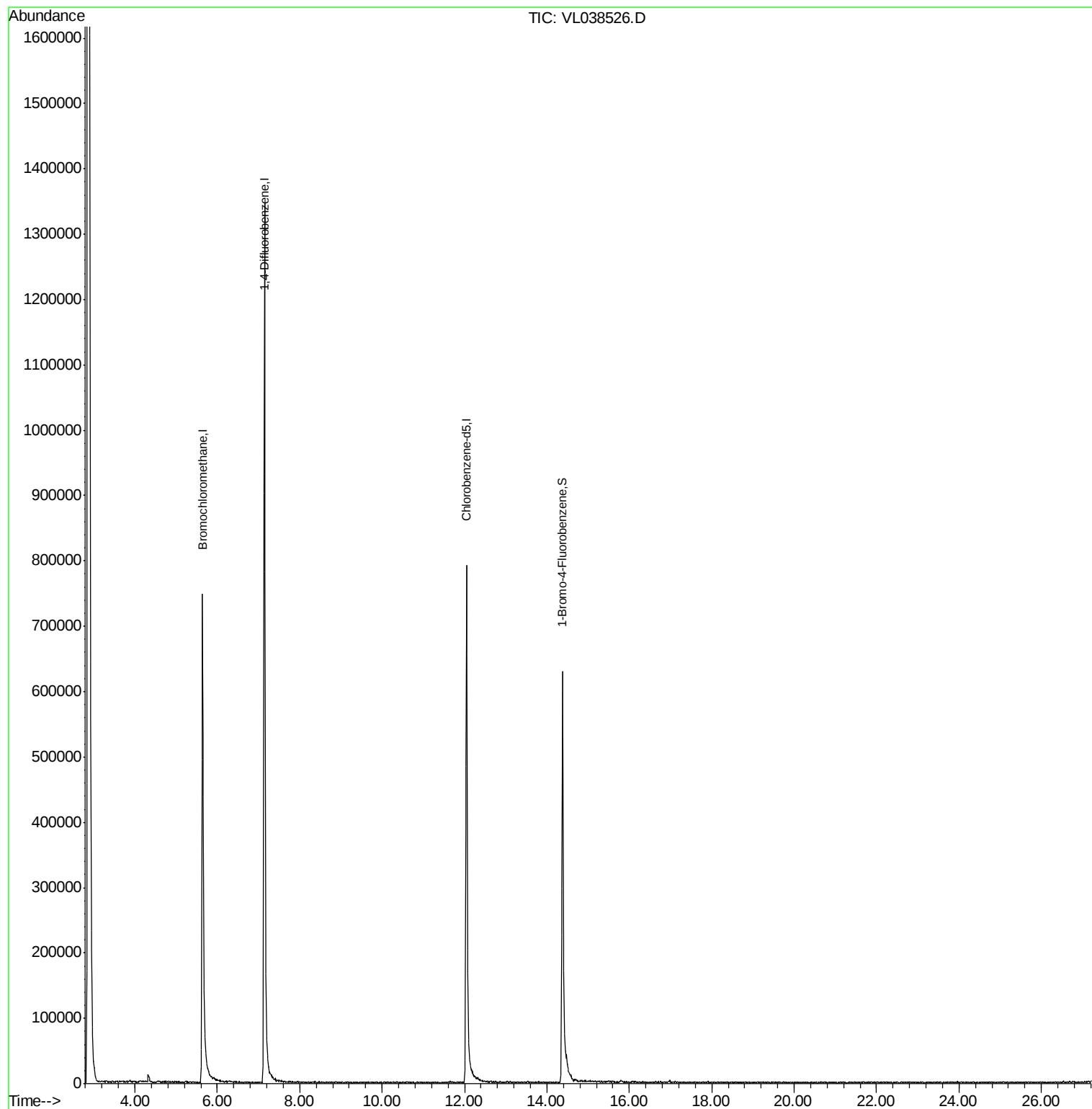
Target Compounds	Ovalue
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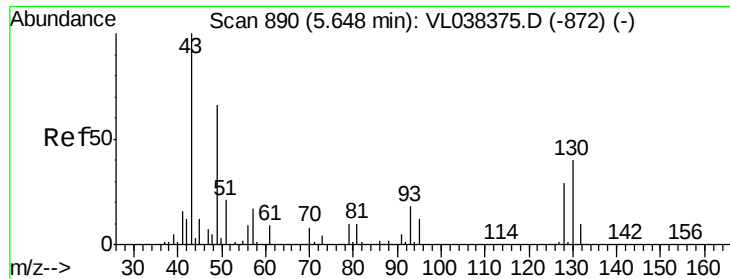
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: CAN10058

Acq: 3 Mar 2022 23:10

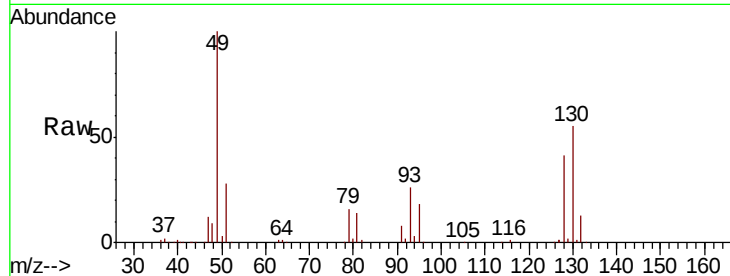
Tot Ion: 49 Resp: 470081

Ion Ratio Lower Upper

49 100

128 46.7 24.3 72.9

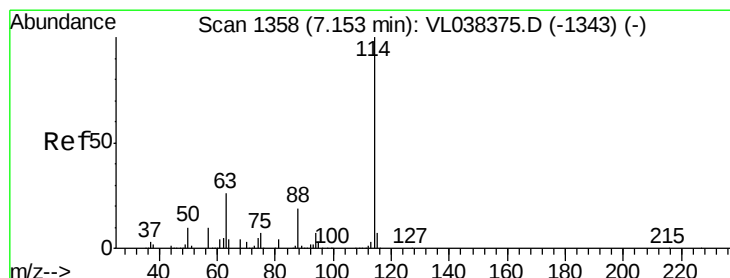
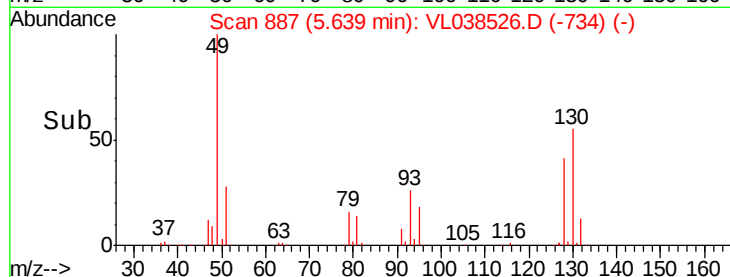
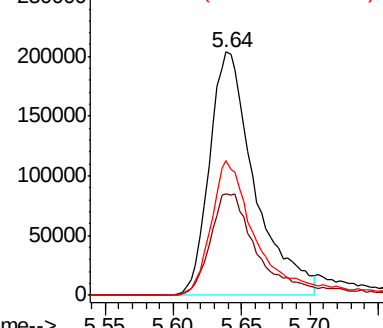
130 57.1 30.1 90.5



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# 1355

Delta R.T. -0.01 min

Lab File: VL038526.D

Acq: 3 Mar 2022 23:10

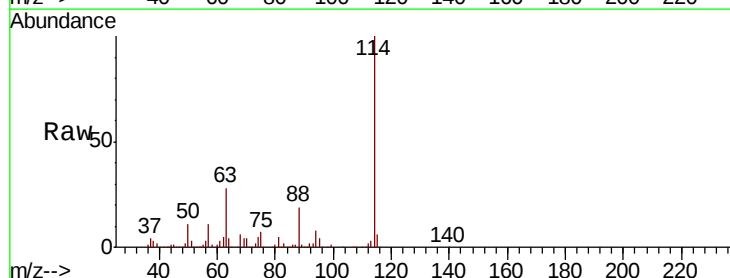
Tgt Ion:114 Resp: 1054540

Ion Ratio Lower Upper

114 100

63 29.2 22.2 33.2

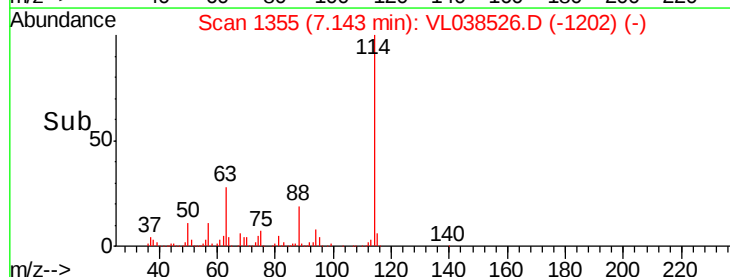
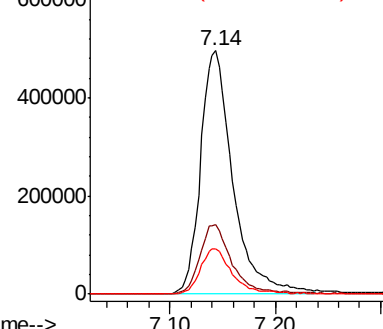
88 18.8 15.2 22.8

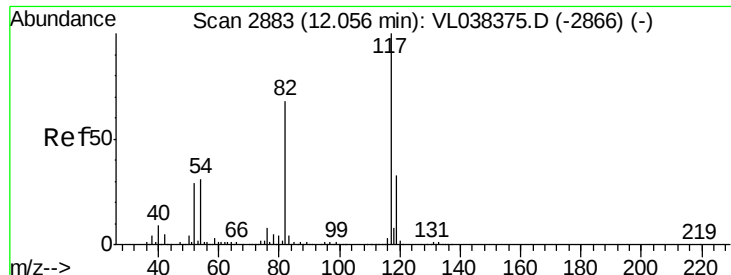


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

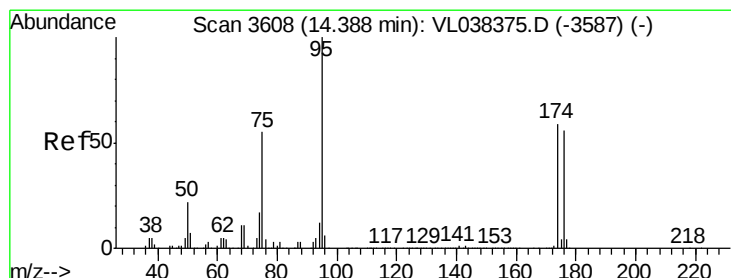
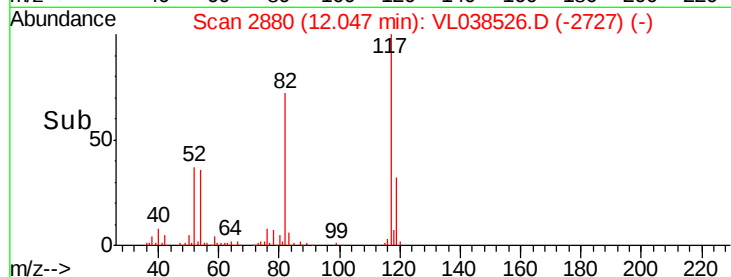
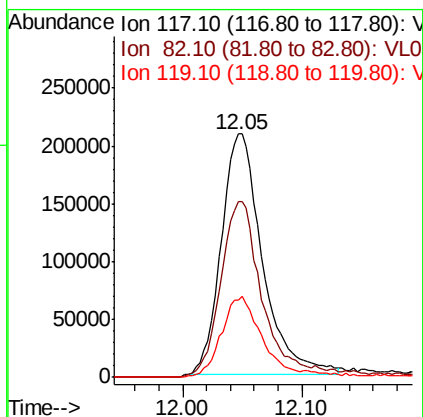
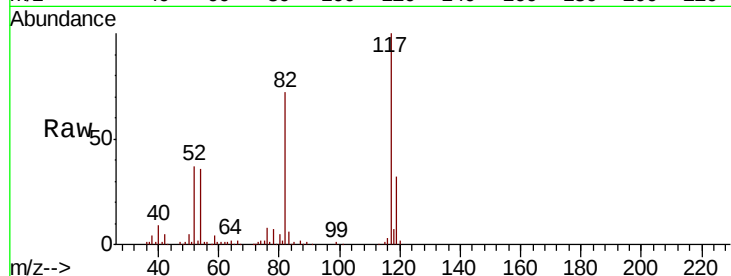
Ion 88.10 (87.80 to 88.80): VL0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 23:10

Tot Ion: 117 Resp: 497232
Ion Ratio Lower Upper
117 100
82 77.2 54.9 82.3
119 34.8 46.1 69.1#



#68
1-Bromo-4-Fluorobenzene
Concen: 7.779 ppbv
RT: 14.38 min Scan# 3605
Delta R.T. -0.01 min
Lab File: VL038526.D
Acq: 3 Mar 2022 23:10

Tgt Ion: 95 Resp: 320046
Ion Ratio Lower Upper
95 100
174 59.1 49.0 73.4
175 4.6 3.6 5.4

