

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
Data File : VL038539.D
Acq On : 4 Mar 2022 18:20
Operator : SY/AP
Sample : CAN 10602
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10602

Quant Time: Mar 05 06:23:21 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	966852	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	2161928	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.05	117	1783361	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1375235	9.32	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.20%

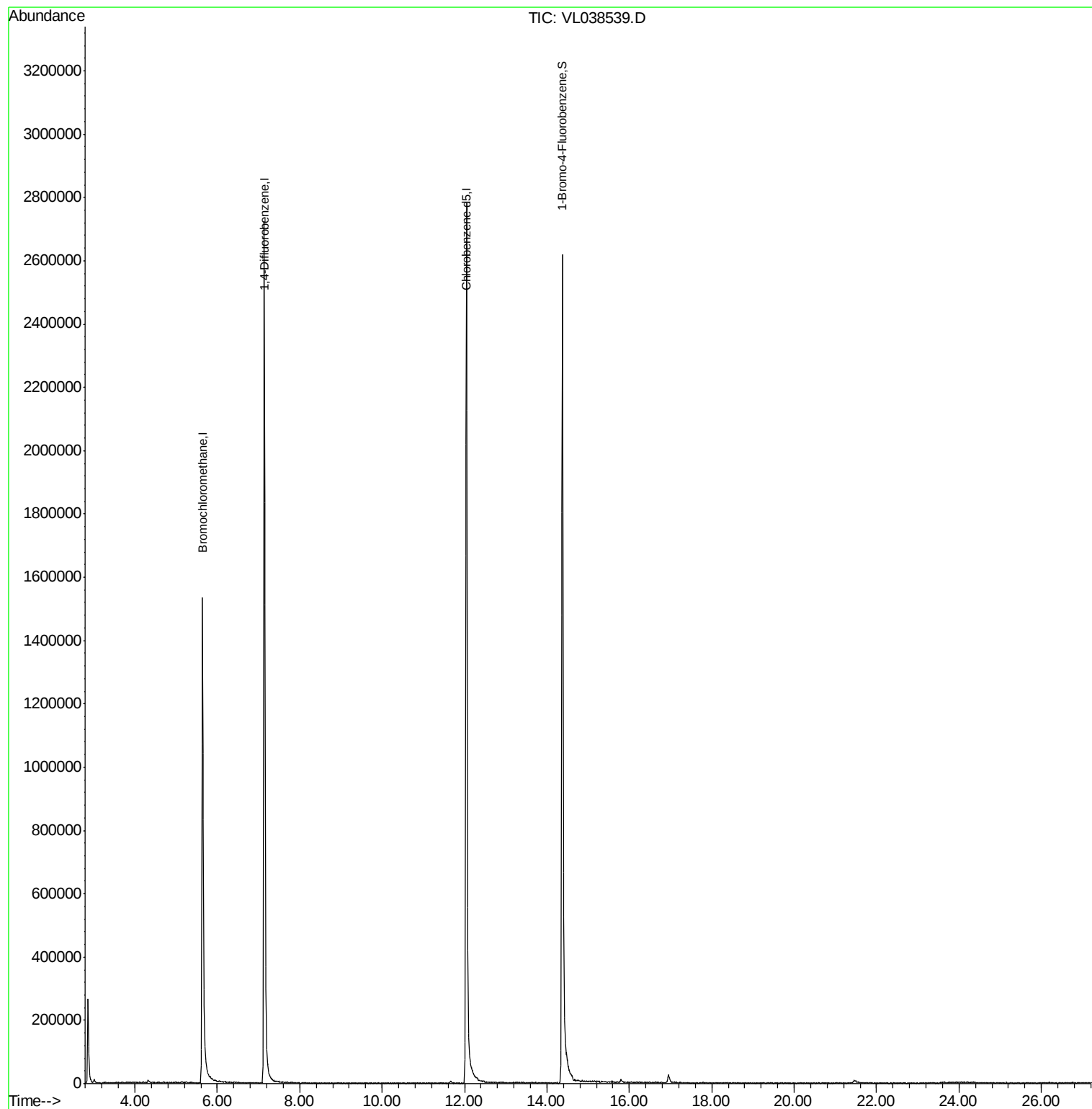
Target Compounds	Ovalue
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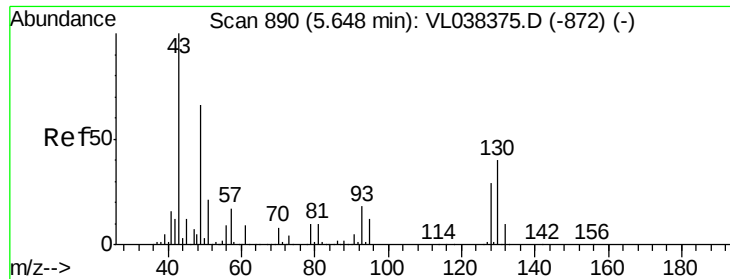
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: CAN 10602

Acq: 4 Mar 2022 18:20

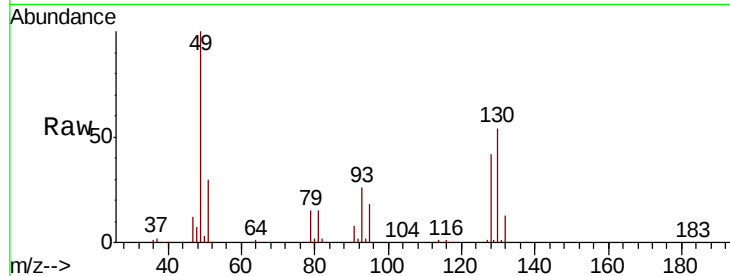
Tot Ion: 49 Resp: 966852

Ion Ratio Lower Upper

49 100

128 44.5 24.3 72.9

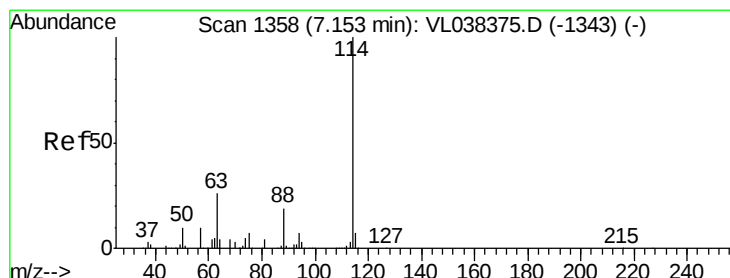
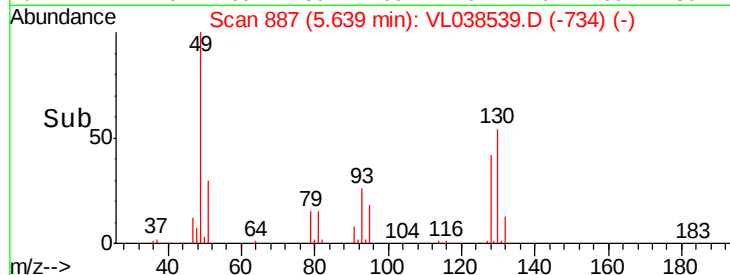
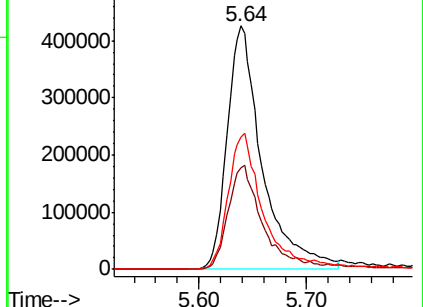
130 58.0 30.1 90.5



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: 7.14 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VL038539.D

Acq: 4 Mar 2022 18:20

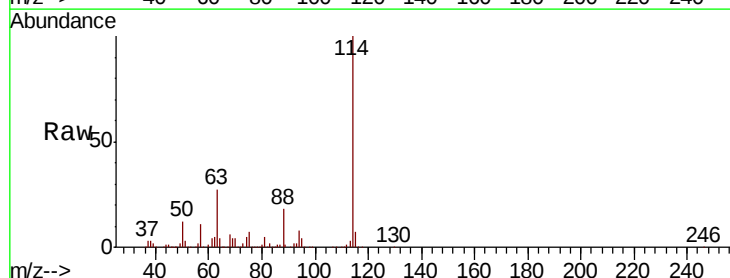
Tgt Ion:114 Resp: 2161928

Ion Ratio Lower Upper

114 100

63 28.9 22.2 33.2

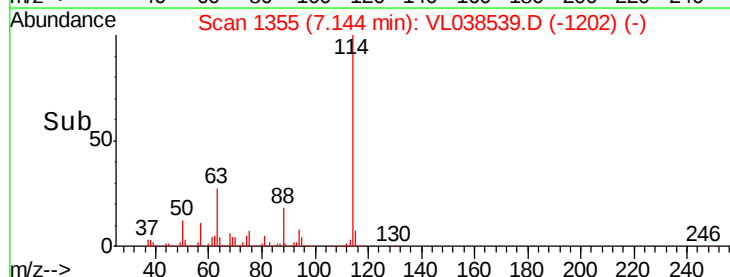
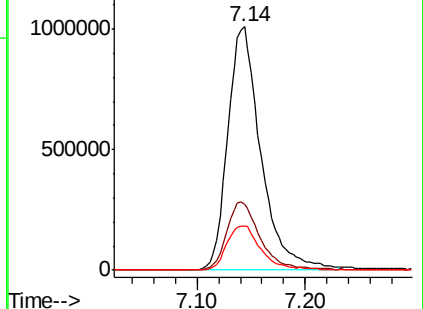
88 19.1 15.2 22.8

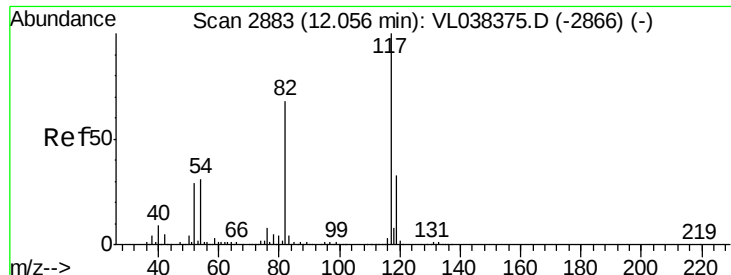


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

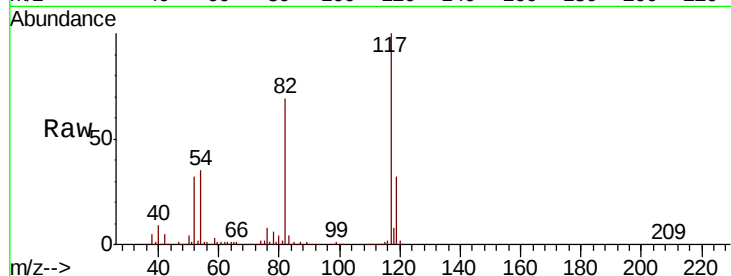
Ion 88.10 (87.80 to 88.80): VL0



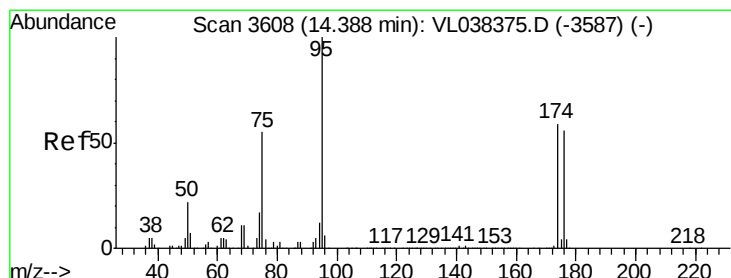
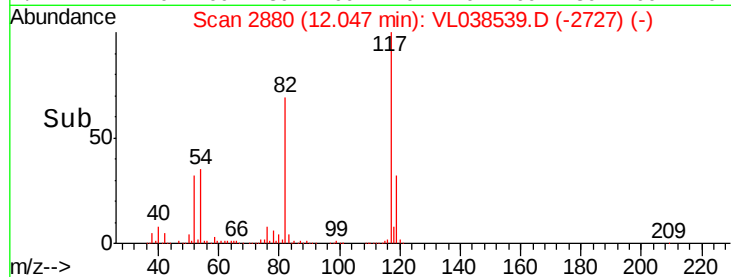
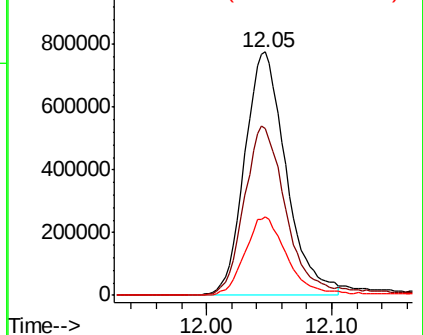


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
CAN 10602
Acq: 4 Mar 2022 18:20

Tot Ion: 117 Resp: 1783361
Ion Ratio Lower Upper
117 100
82 74.1 54.9 82.3
119 34.6 46.1 69.1#

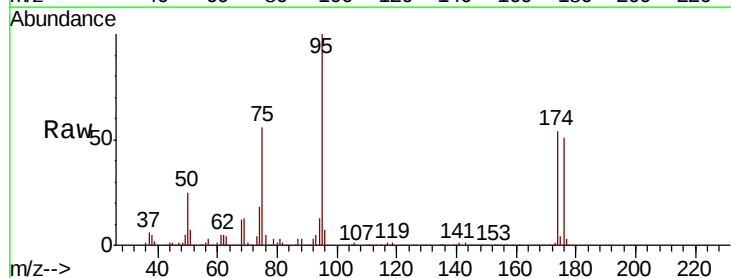


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.320 ppbv
RT: 14.37 min Scan# 3603
Delta R.T.: -0.02 min
Lab File: VL038539.D
Acq: 4 Mar 2022 18:20

Tgt Ion: 95 Resp: 1375235
Ion Ratio Lower Upper
95 100
174 62.2 49.0 73.4
175 4.4 3.6 5.4



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

