

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
Data File : VL038574.D
Acq On : 9 Mar 2022 13:49
Operator : SY/AP
Sample : CAN 10266
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10266

Quant Time: Mar 10 21:14:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	905246	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	2334873	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	2044358	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1520306	9.78	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

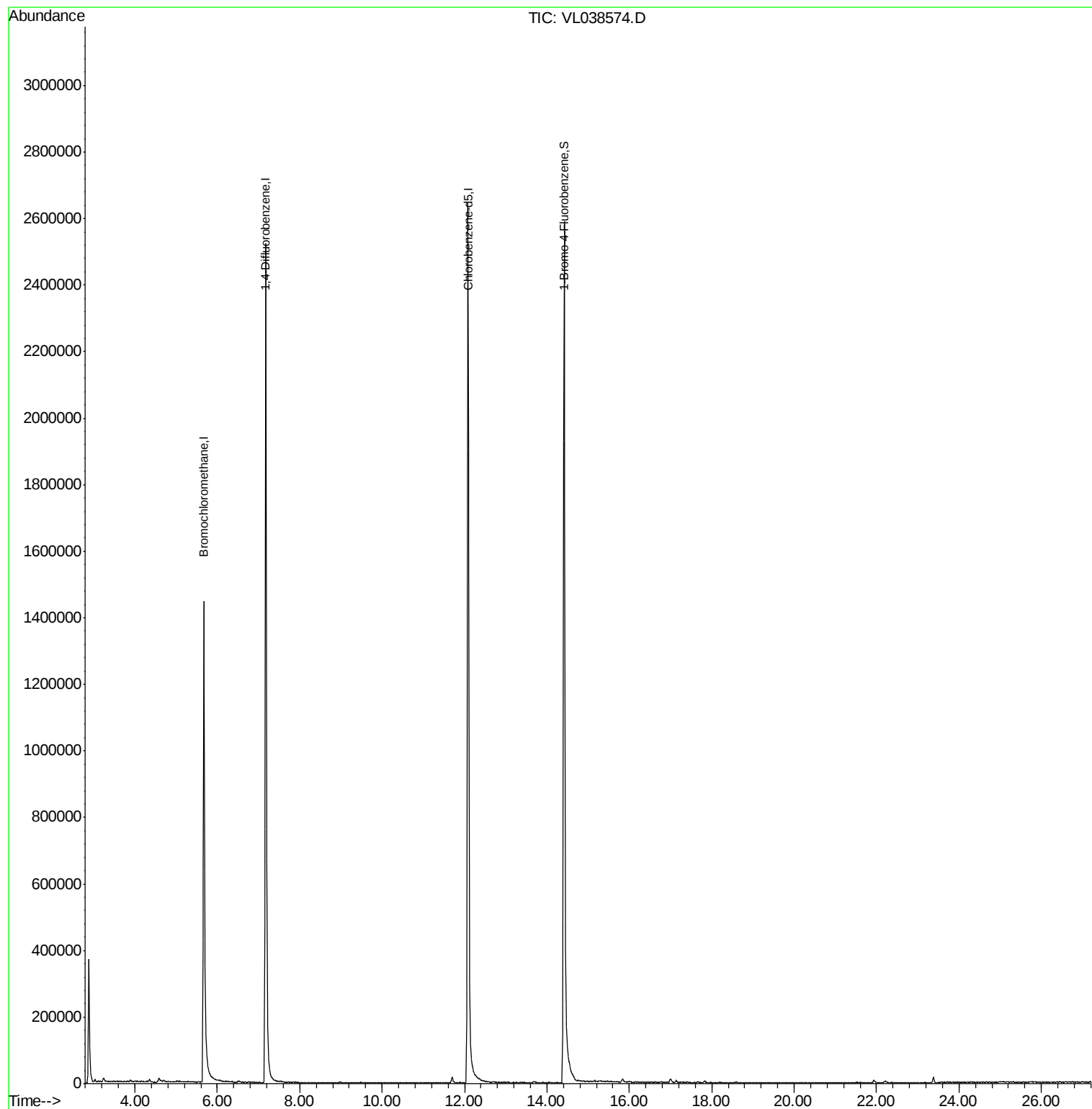
Target Compounds	Qvalue
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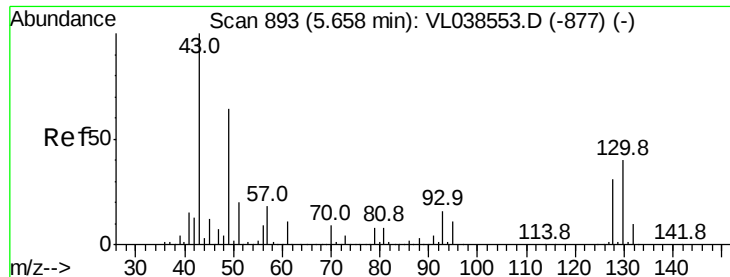
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 13:49

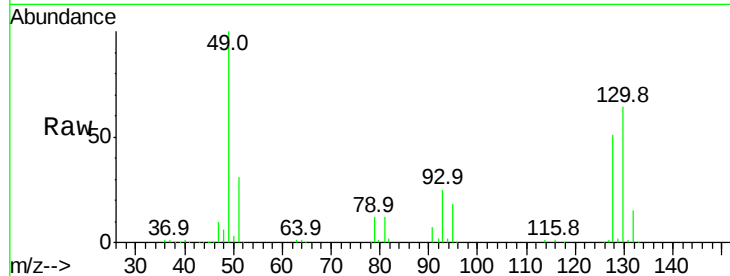
Tgt Ion: 49 Resp: 905246

Ion Ratio Lower Upper

49 100

128 53.5 26.4 79.2

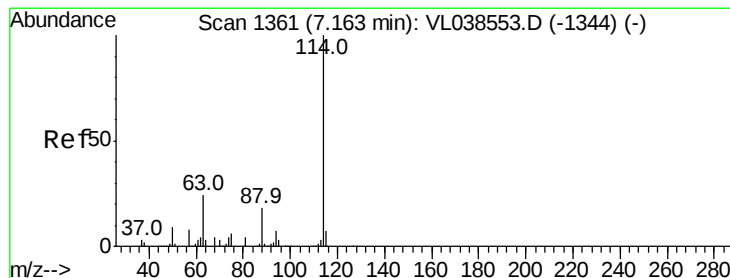
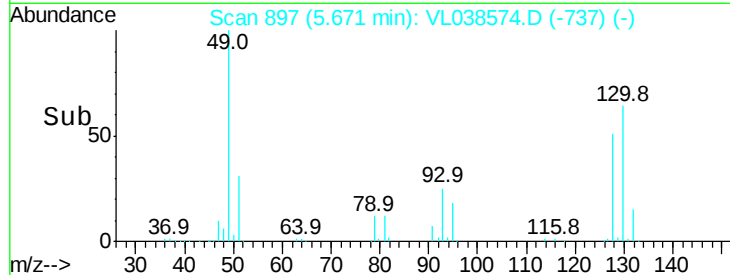
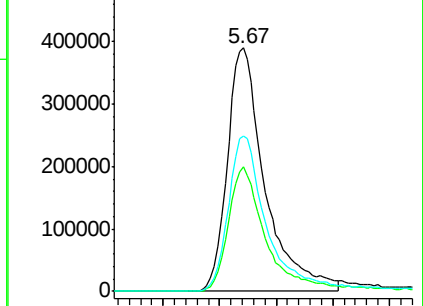
130 68.1 33.0 98.9



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: 10.00 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VL038574.D

Acq: 9 Mar 2022 13:49

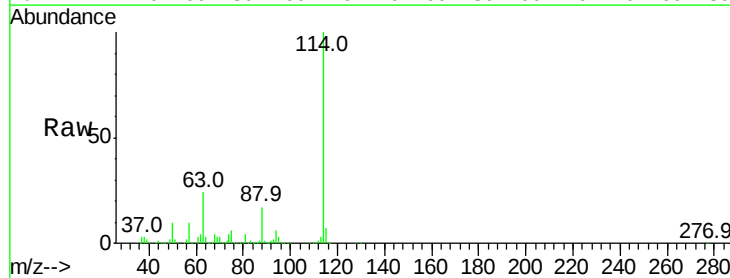
Tgt Ion: 114 Resp: 2334873

Ion Ratio Lower Upper

114 100

63 23.9 19.6 29.4

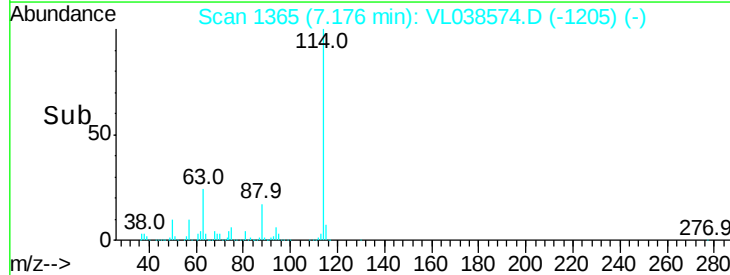
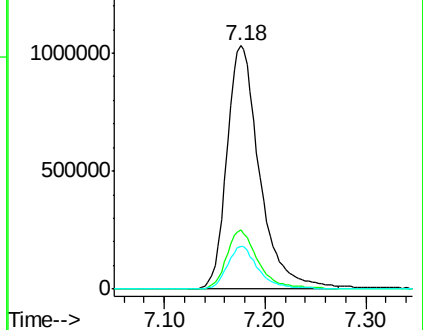
88 17.0 13.9 20.9

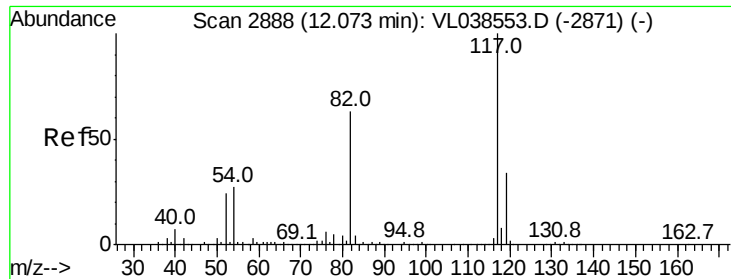


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

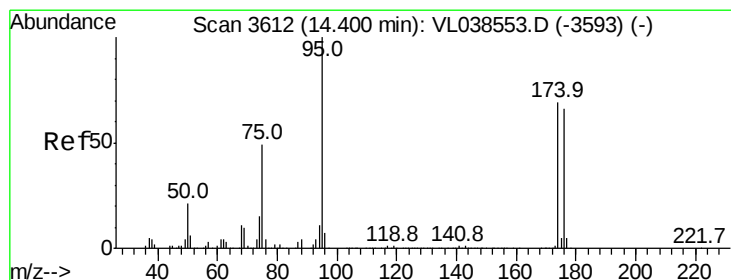
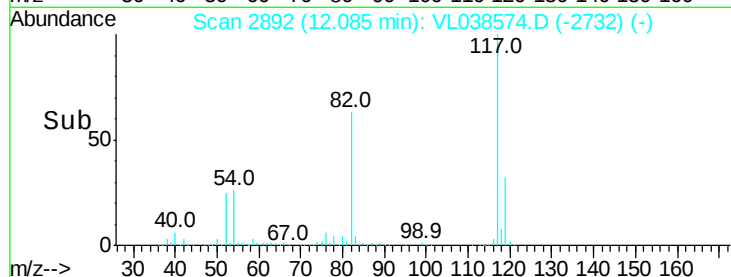
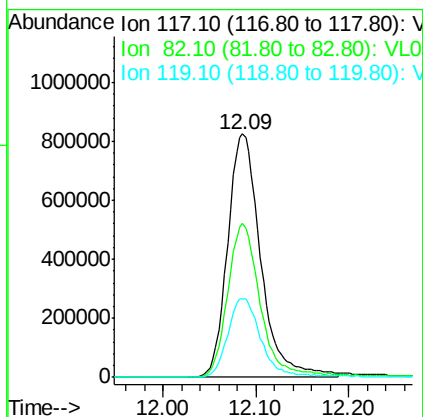
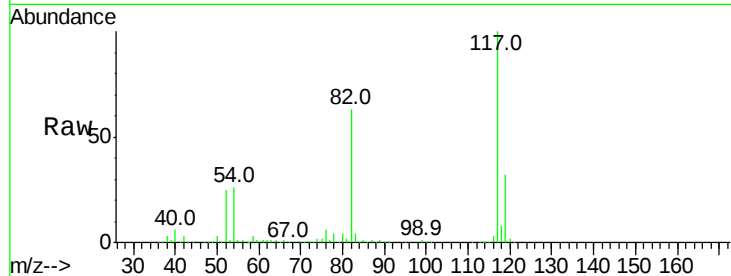
Ion 88.10 (87.80 to 88.80): VL0





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
CAN 10266
Acq: 9 Mar 2022 13:49

Tgt Ion: 117 Resp: 2044358
Ion Ratio Lower Upper
117 100
82 64.5 52.5 78.7
119 33.2 46.4 69.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.78 ppbv
RT: 14.42 min Scan# 3617
Delta R.T.: 0.02 min
Lab File: VL038574.D
Acq: 9 Mar 2022 13:49

Tgt Ion: 95 Resp: 1520306
Ion Ratio Lower Upper
95 100
174 70.8 56.2 84.4
175 5.1 4.2 6.2

