

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012422\
 Data File : VL038263.D
 Acq On : 24 Jan 2022 17:13
 Operator : SY/AP
 Sample : OC011322 CAN 10609
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC011322 CAN 10609

Quant Time: Jan 24 22:20:28 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	873681	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2274311	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1878574	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1351598	9.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.80%

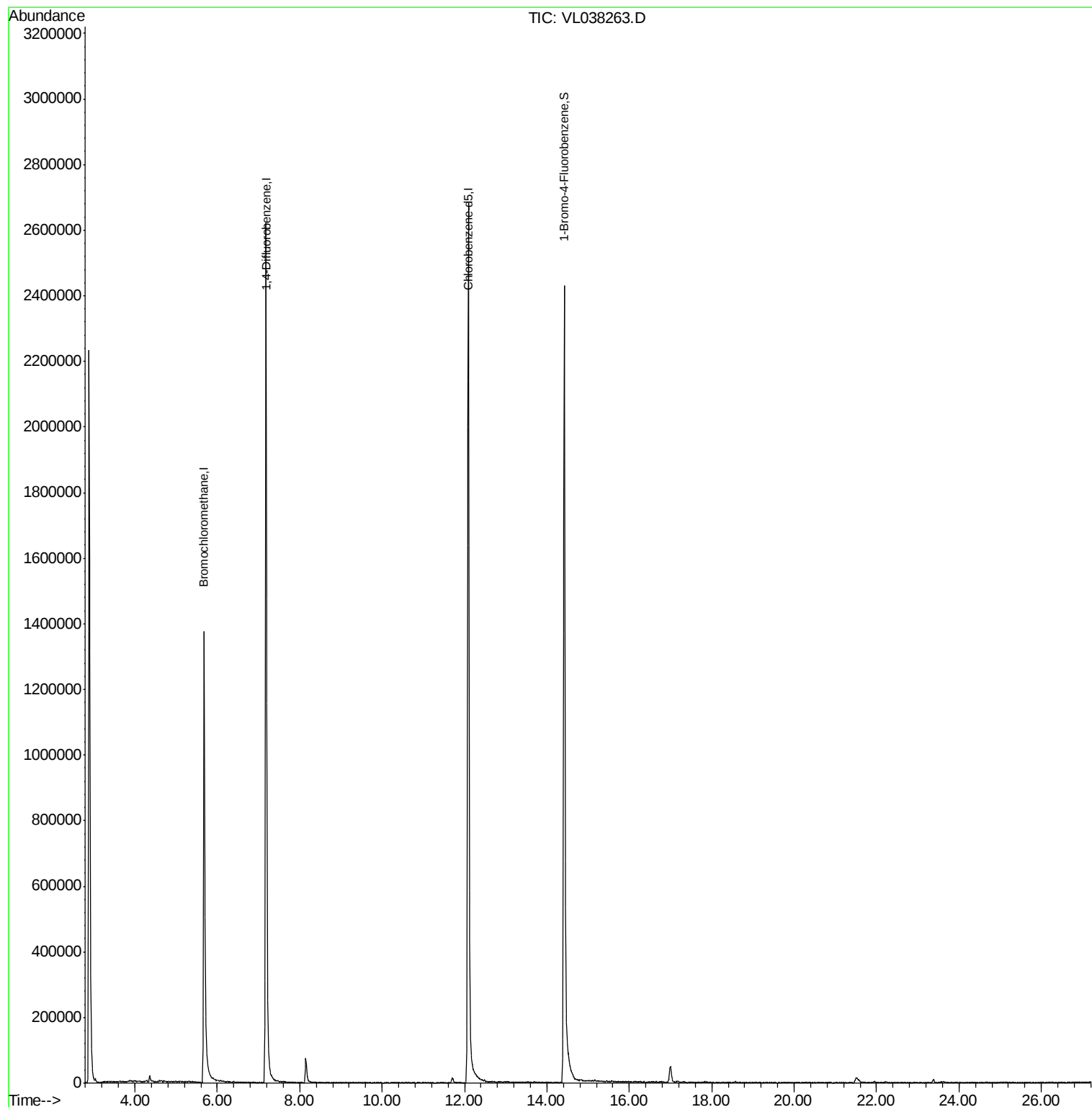
Target Compounds	Ovalue

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

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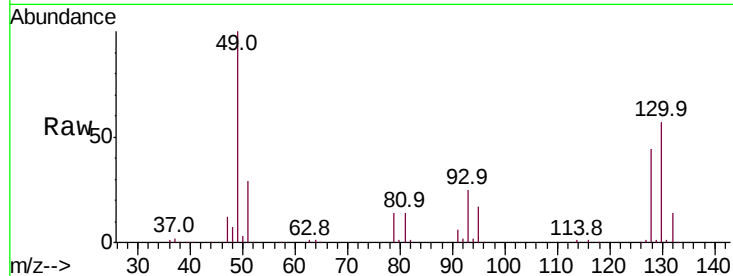
Tot Ion: 49 Resp: 873681

Ion Ratio Lower Upper

49 100

128 47.5 24.5 73.5

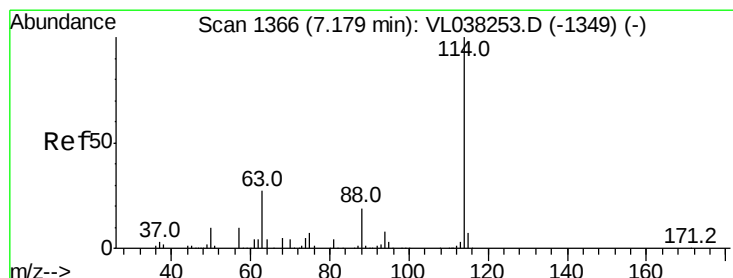
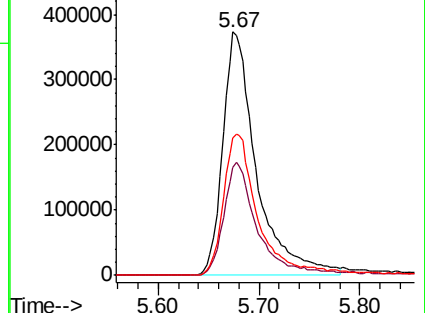
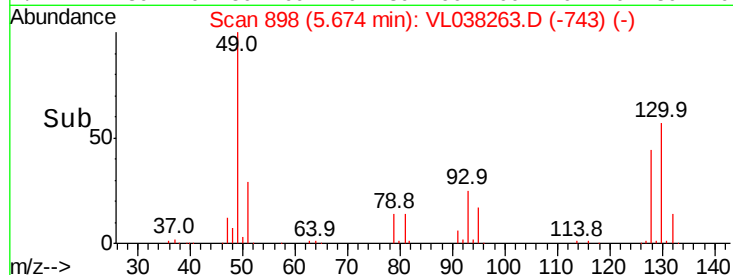
130 60.8 30.1 90.5



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: 7.18 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VL038263.D

Acq: 24 Jan 2022 17:13

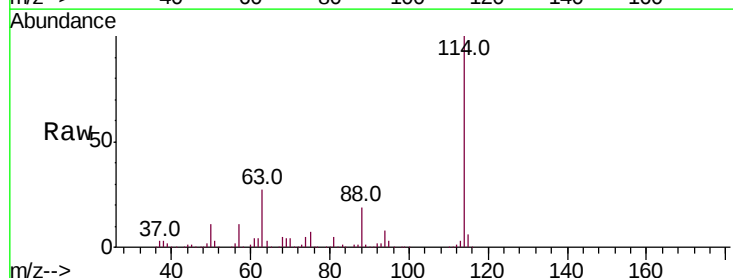
Tgt Ion:114 Resp: 2274311

Ion Ratio Lower Upper

114 100

63 26.7 22.0 33.0

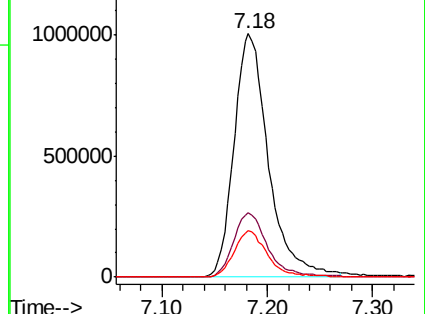
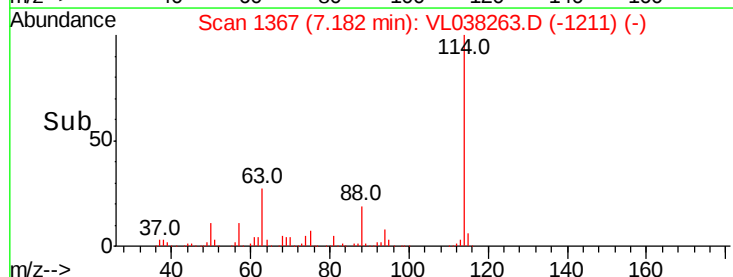
88 18.8 15.0 22.6

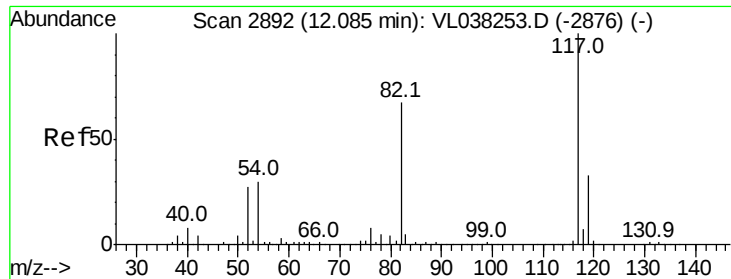


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

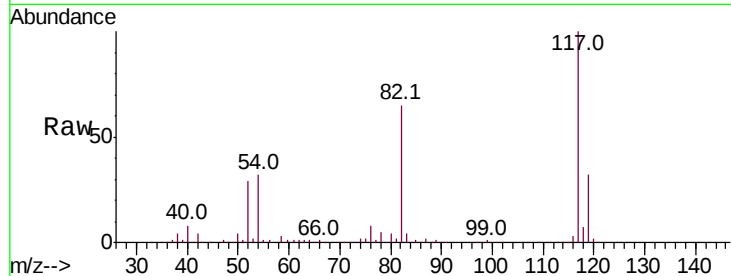
Ion 88.10 (87.80 to 88.80): VL0



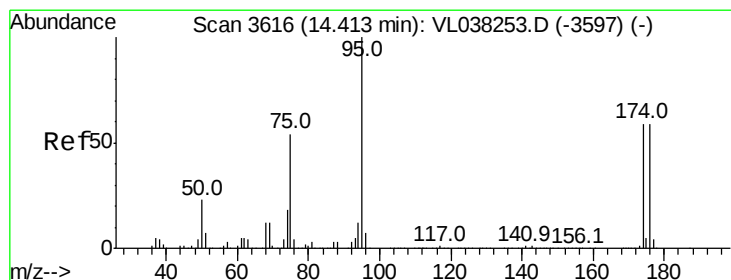
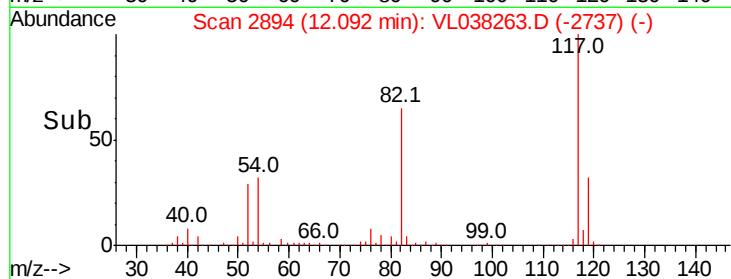
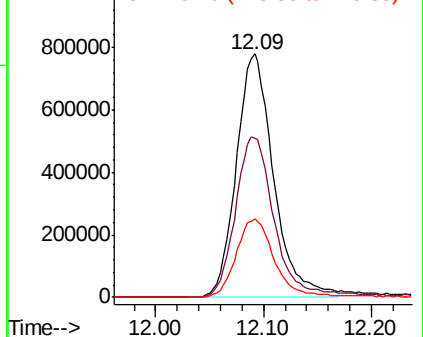


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Jan 2022 17:13
QC011322 CAN 10609

Tot Ion: 117 Resp: 1878574
Ion Ratio Lower Upper
117 100
82 70.4 54.4 81.6
119 33.6 45.9 68.9#

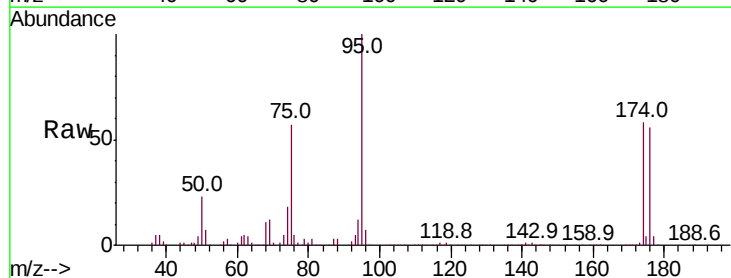


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.479 ppbv
RT: 14.42 min Scan# 3618
Delta R.T.: 0.01 min
Lab File: VL038263.D
Acq: 24 Jan 2022 17:13

Tgt Ion: 95 Resp: 1351598
Ion Ratio Lower Upper
95 100
174 64.5 48.3 72.5
175 4.7 3.5 5.3



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

