

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012422\
 Data File : VL038280.D
 Acq On : 25 Jan 2022 4:08
 Operator : SY/AP
 Sample : QC011022 CAN 10608
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC011022 CAN 10608

Quant Time: Jan 25 05:08:20 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	5.68	49	780412	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2029449	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1691019	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1251115	9.75	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

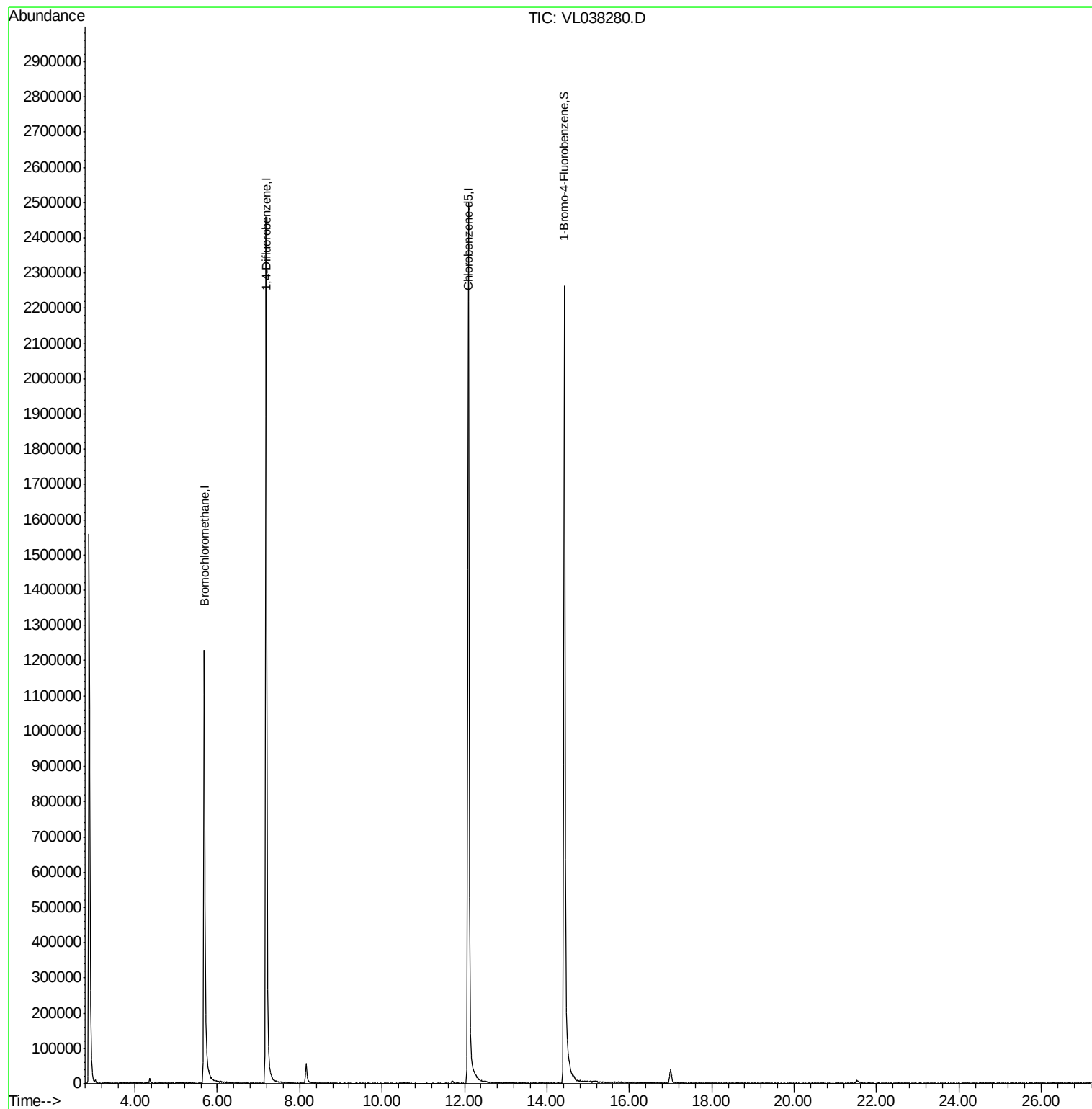
Target Compounds	Ovalue

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: QC011022 CAN 10608

Acq: 25 Jan 2022 4:08

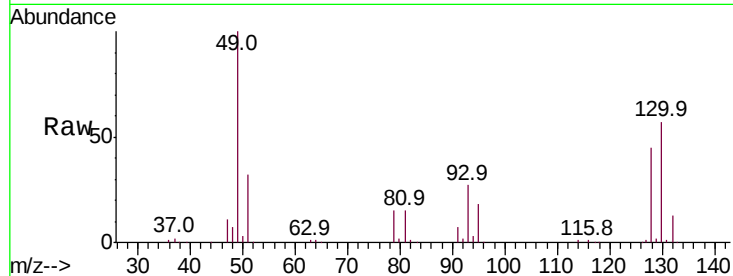
Tot Ion: 49 Resp: 780412

Ion Ratio Lower Upper

49 100

128 45.6 24.5 73.5

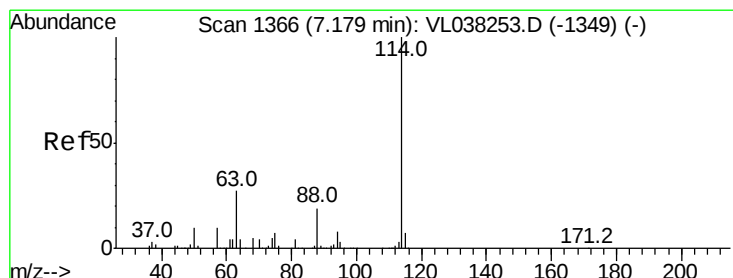
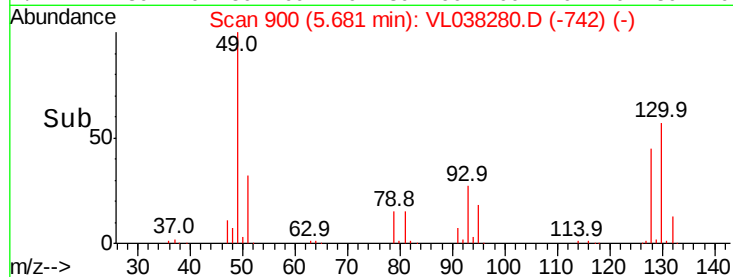
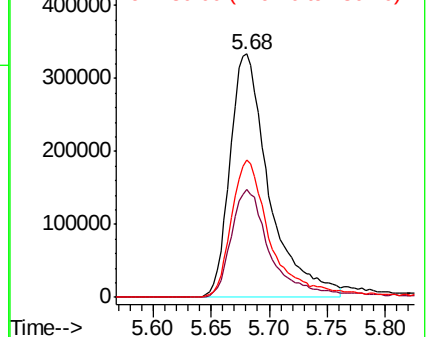
130 58.9 30.1 90.5



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: 7.19 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VL038280.D

Acq: 25 Jan 2022 4:08

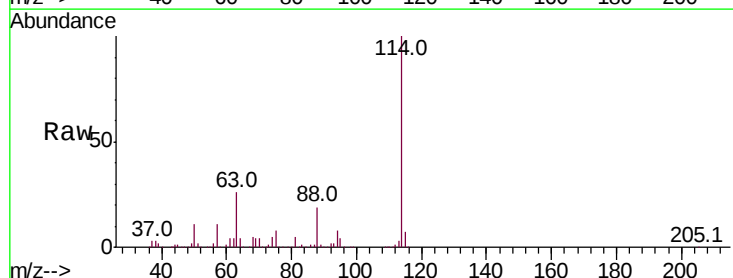
Tgt Ion: 114 Resp: 2029449

Ion Ratio Lower Upper

114 100

63 27.8 22.0 33.0

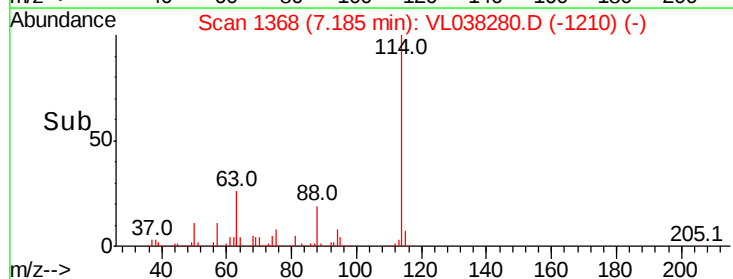
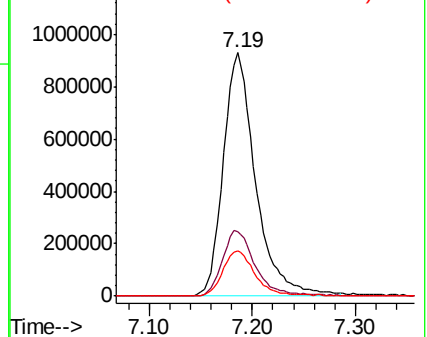
88 19.1 15.0 22.6

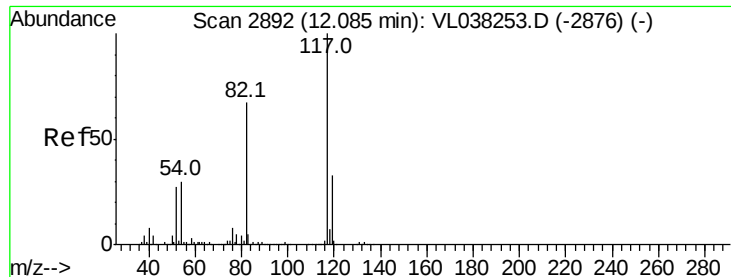


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

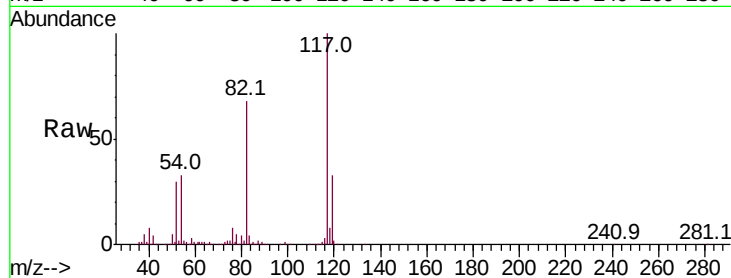
Ion 88.10 (87.80 to 88.80): VL0



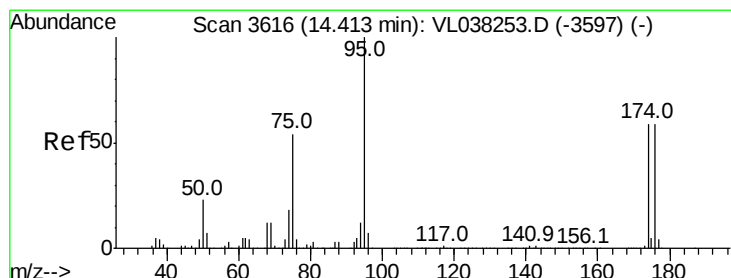
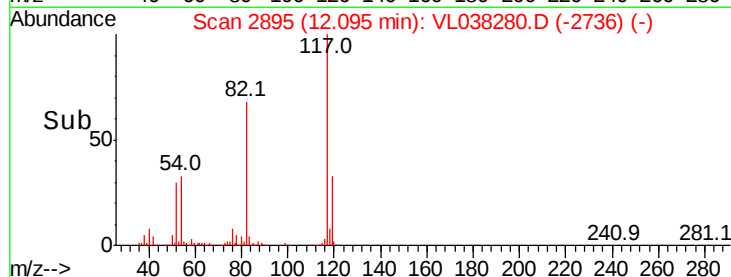
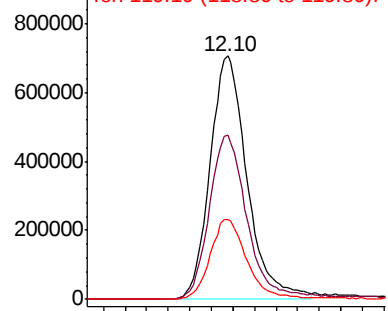


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId :
OC011022 CAN 10608
Acq: 25 Jan 2022 4:08

Tot Ion: 117 Resp: 1691019
Ion Ratio Lower Upper
117 100
82 72.1 54.4 81.6
119 34.1 45.9 68.9#

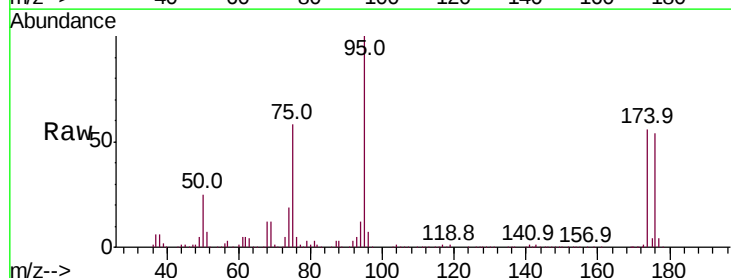


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.748 ppbv
RT: 14.42 min Scan# 3619
Delta R.T.: 0.01 min
Lab File: VL038280.D
Acq: 25 Jan 2022 4:08

Tgt Ion: 95 Resp: 1251115
Ion Ratio Lower Upper
95 100
174 60.2 48.3 72.5
175 4.5 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

