

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
 Data File : VL040790.D
 Acq On : 24 Oct 2023 10:02
 Operator : SY/MD
 Sample : QC102323 CAN 10315
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102323 CAN 10315

Quant Time: Oct 24 16:42:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.182	49	808962	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.632	114	2290362	10.000	ppbv	-0.04
55) Chlorobenzene-d5	11.439	117	2050660	10.000	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.745	95	1598176	10.591	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.900%

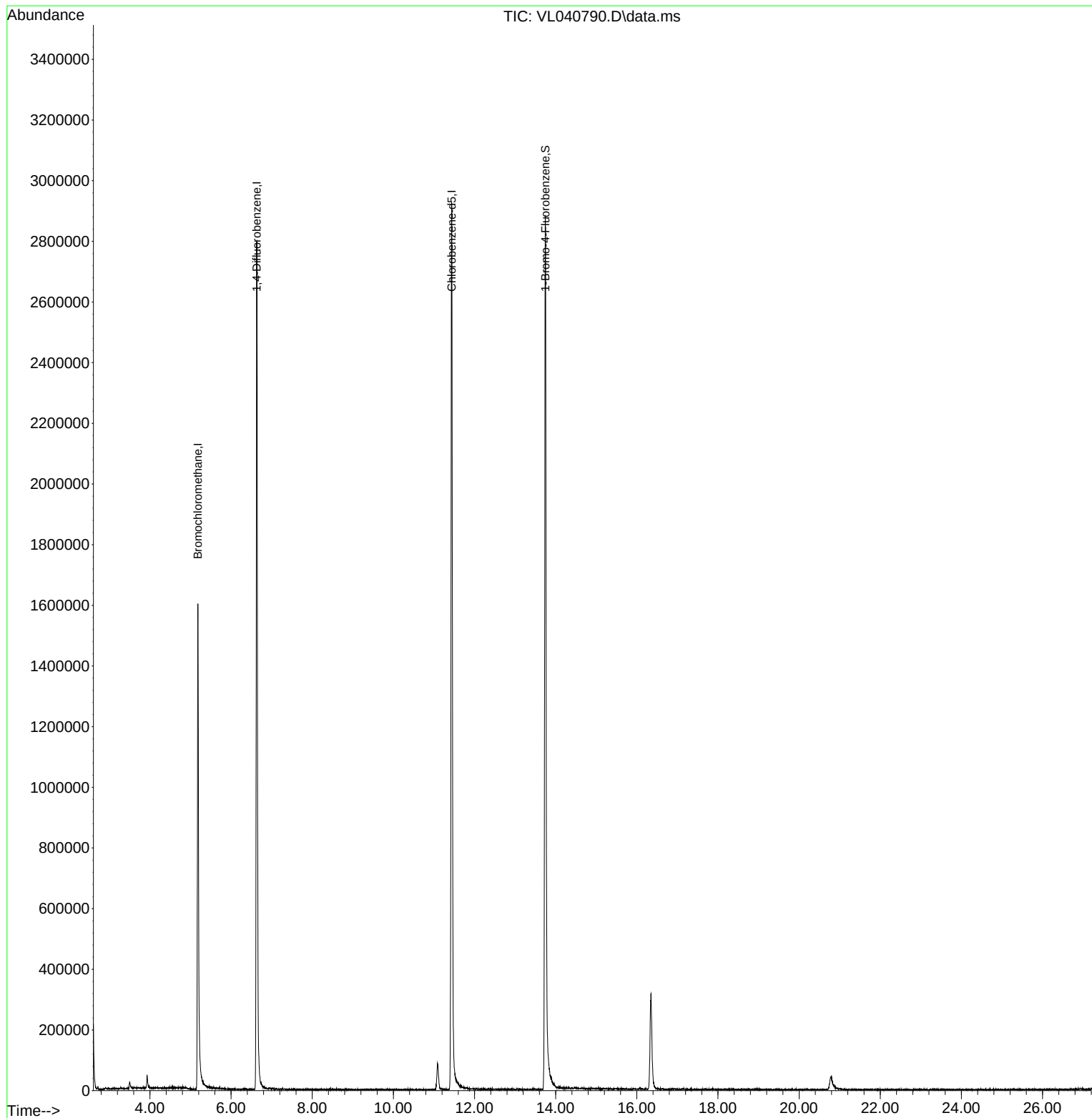
Target Compounds	Qvalue

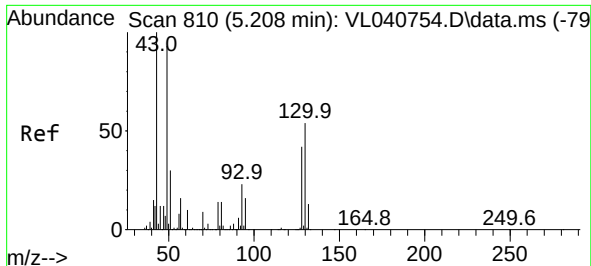
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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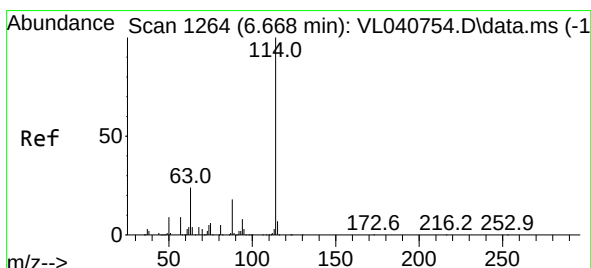
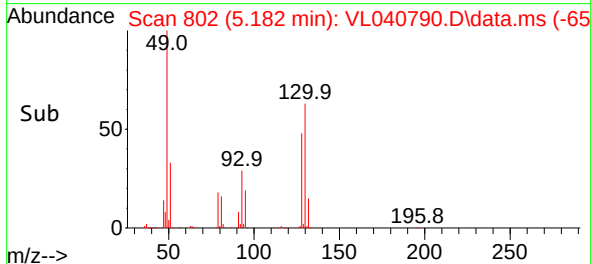
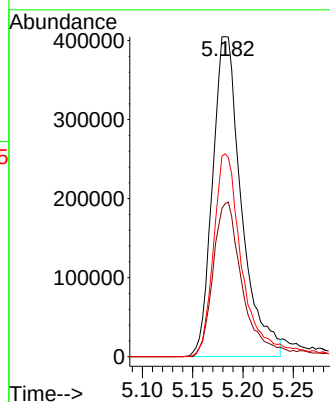
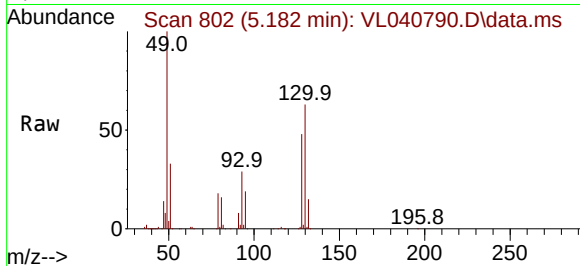




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040790.D
Acq: 24 Oct 2023 10:02

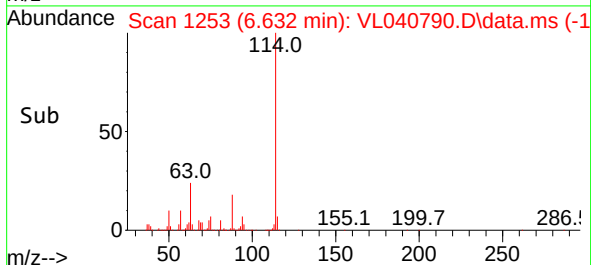
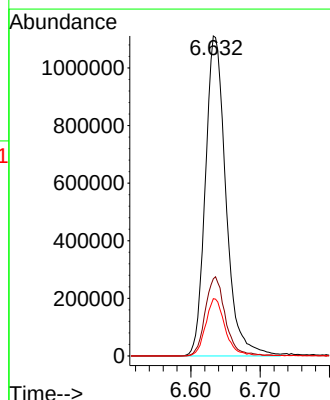
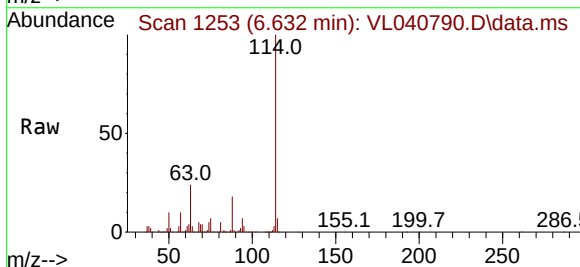
Instrument :
MSVOA_1
ClientSampleId :
QC102323 CAN 10315

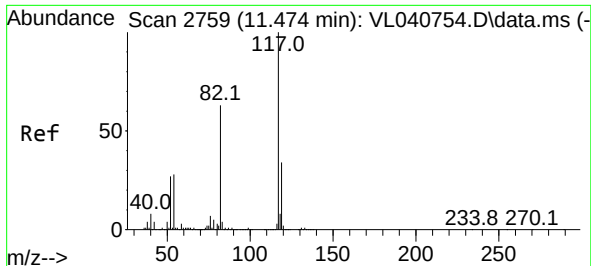
Tgt Ion: 49 Resp: 808962
Ion Ratio Lower Upper
49 100
128 51.6 23.9 71.7
130 65.1 30.7 92.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. -0.035 min
Lab File: VL040790.D
Acq: 24 Oct 2023 10:02

Tgt Ion:114 Resp: 2290362
Ion Ratio Lower Upper
114 100
63 24.6 19.8 29.6
88 17.3 14.2 21.2

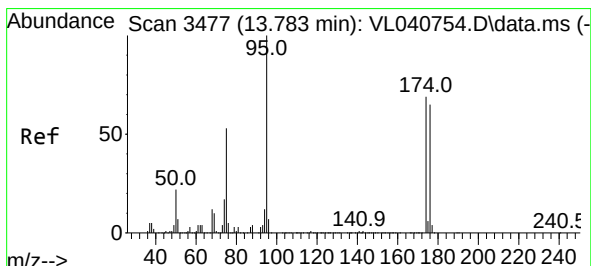
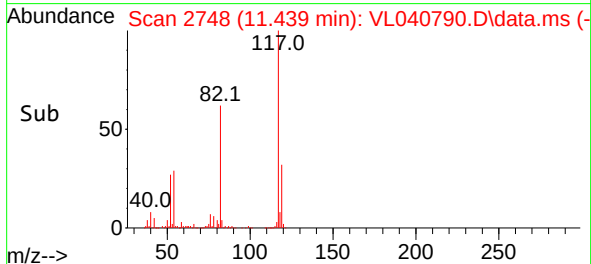
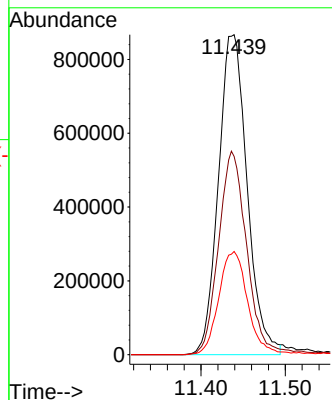
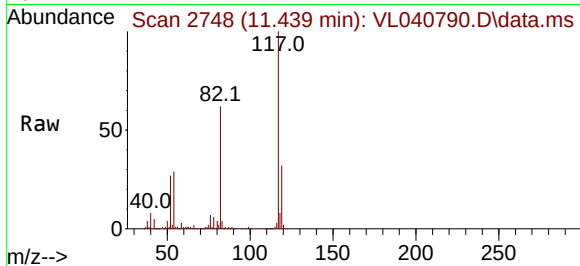




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. -0.035 min
Lab File: VL040790.D
Acq: 24 Oct 2023 10:02

Instrument :
MSVOA_L
ClientSampleId :
QC102323 CAN 10315

Tgt Ion:117 Resp: 2050660
Ion Ratio Lower Upper
117 100
82 63.2 46.6 70.0
119 33.1 26.0 39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.591 ppbv
RT: 13.745 min Scan# 3465
Delta R.T. -0.038 min
Lab File: VL040790.D
Acq: 24 Oct 2023 10:02

Tgt Ion: 95 Resp: 1598176
Ion Ratio Lower Upper
95 100
174 63.3 54.7 82.1
175 4.8 4.2 6.4

