

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
 Data File : VL041612.D
 Acq On : 18 Sep 2024 18:31
 Operator : SY/MD
 Sample : QC090324 CAN10197
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC090324 CAN10197

Quant Time: Sep 19 01:36:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1014390	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.651	114	2762018	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.462	117	2360330	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.773	95	1677517	9.655	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.500%

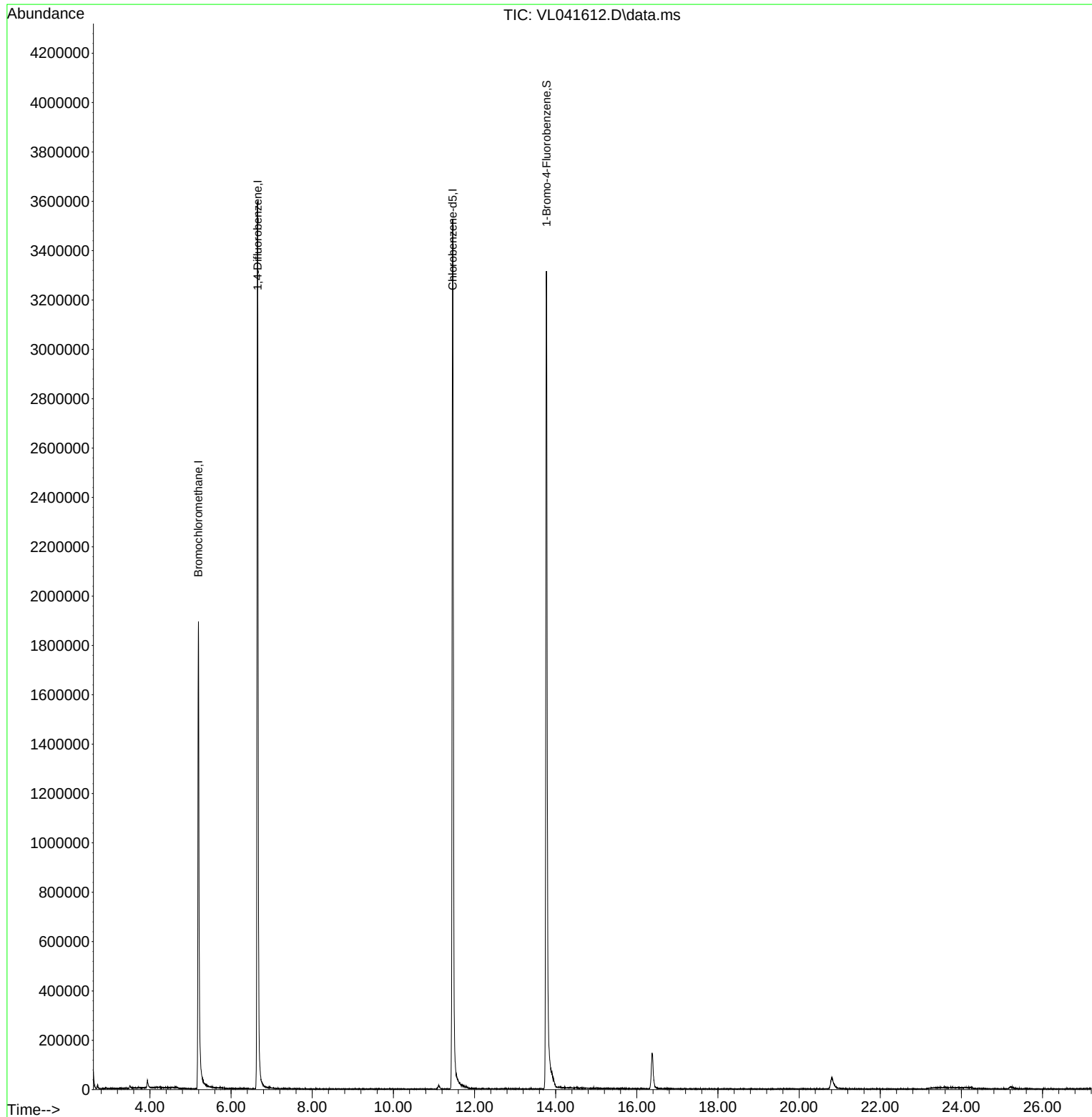
Target Compounds	Qvalue

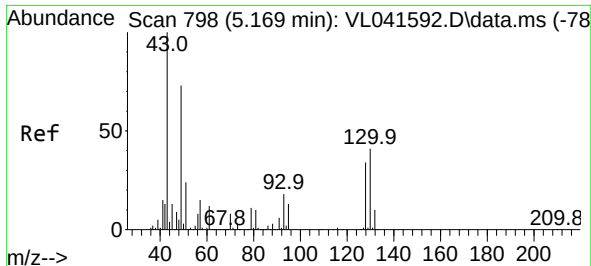
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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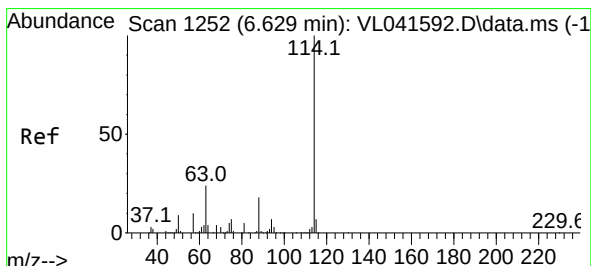
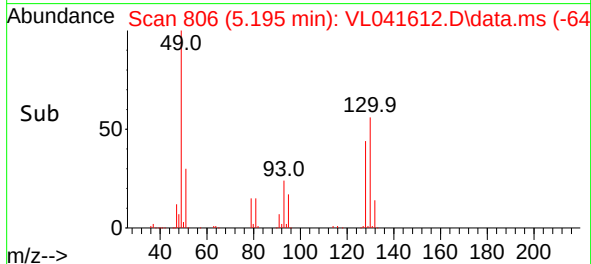
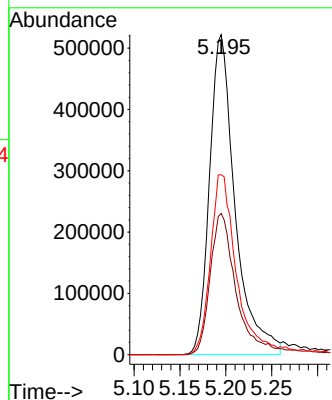
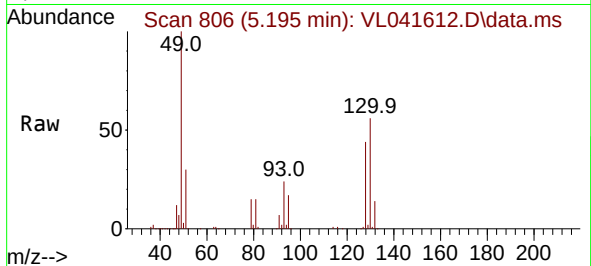




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.026 min
Lab File: VL041612.D
Acq: 18 Sep 2024 18:31

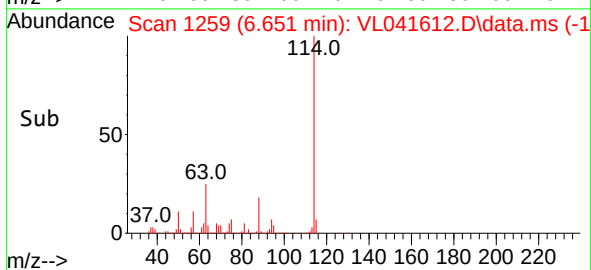
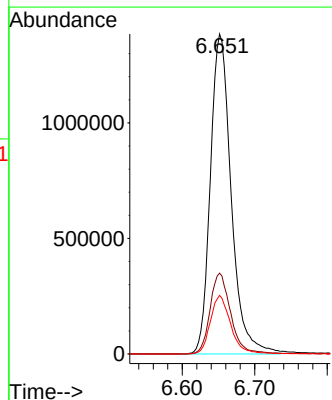
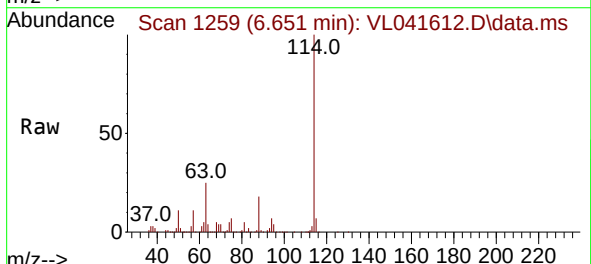
Instrument :
MSVOA_L
ClientSampleId :
QC090324 CAN10197

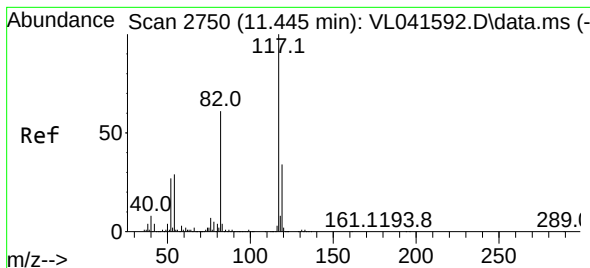
Tgt Ion: 49 Resp: 1014390
Ion Ratio Lower Upper
49 100
128 47.8 23.8 71.5
130 60.4 30.4 91.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. 0.023 min
Lab File: VL041612.D
Acq: 18 Sep 2024 18:31

Tgt Ion: 114 Resp: 2762018
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.2
88 18.0 14.2 21.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL041612.D

Acq: 18 Sep 2024 18:31

Instrument :

MSVOA_L

ClientSampleId :

QC090324 CAN10197

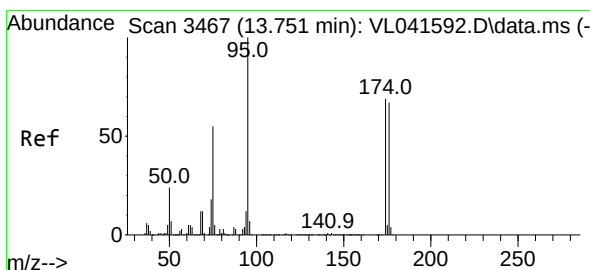
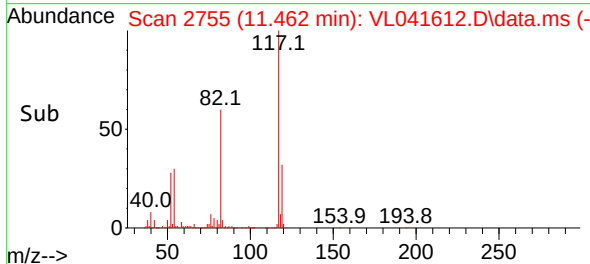
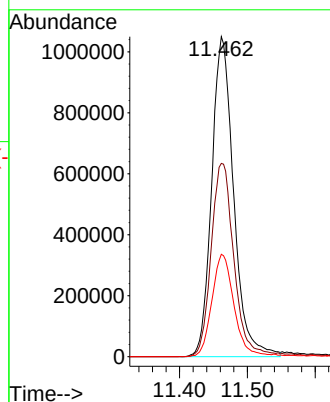
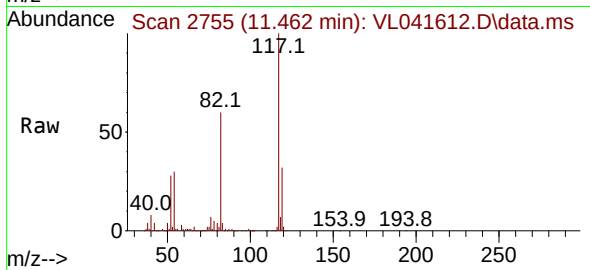
Tgt Ion:117 Resp: 2360330

Ion Ratio Lower Upper

117 100

82 63.8 49.4 74.2

119 32.9 24.4 36.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.655 ppbv

RT: 13.773 min Scan# 3474

Delta R.T. 0.023 min

Lab File: VL041612.D

Acq: 18 Sep 2024 18:31

Tgt Ion: 95 Resp: 1677517

Ion Ratio Lower Upper

95 100

174 73.7 55.8 83.8

175 5.3 4.1 6.1

