

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
 Data File : VL041602.D
 Acq On : 18 Sep 2024 9:36
 Operator : SY/MD
 Sample : VL0918ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0918ABL01

Quant Time: Sep 19 01:29:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.185	49	1177899	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.645	114	3241896	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.452	117	2826139	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2076380	9.981	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%

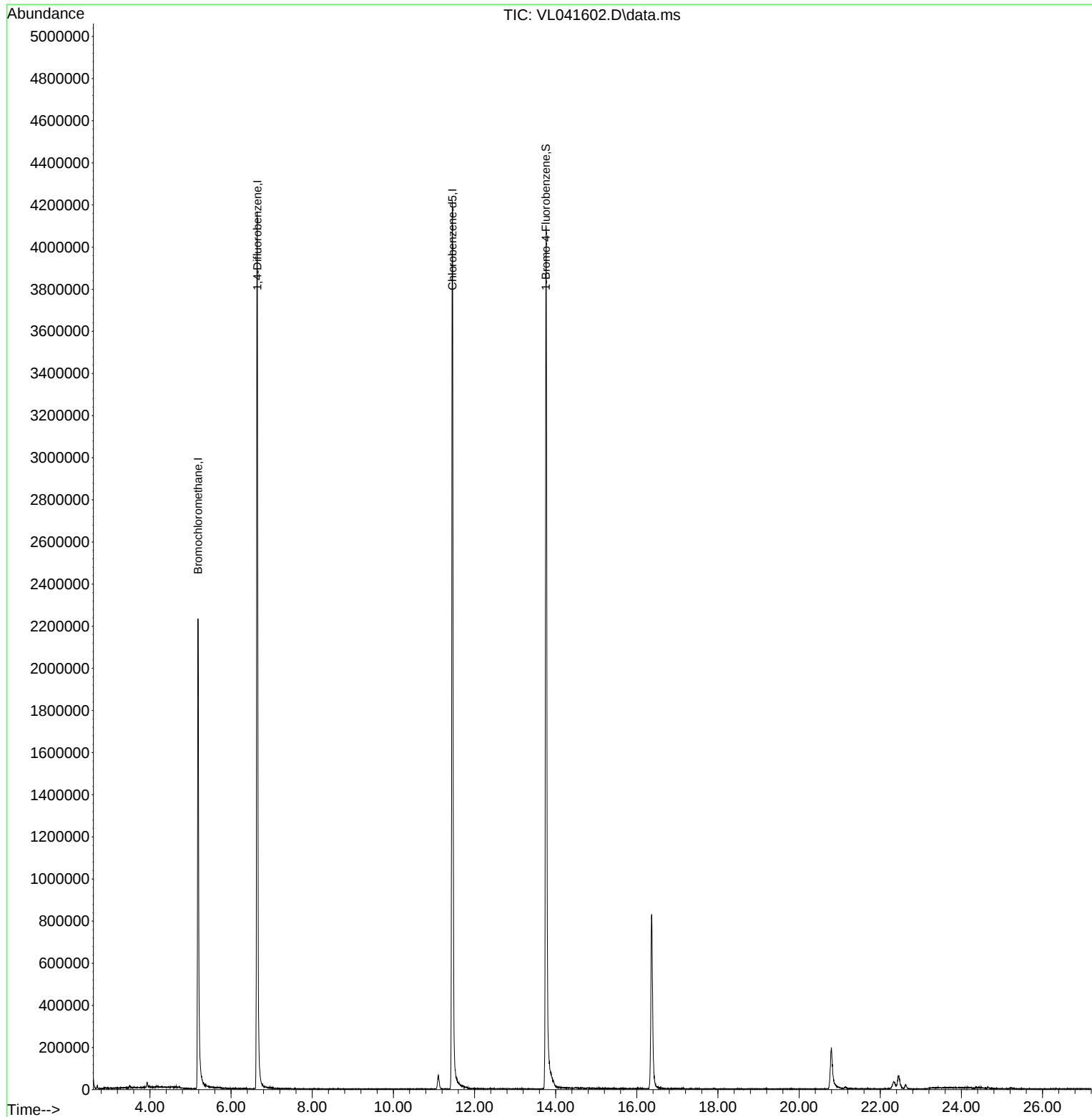
Target Compounds	Qvalue

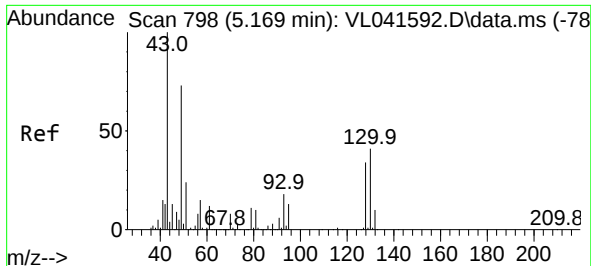
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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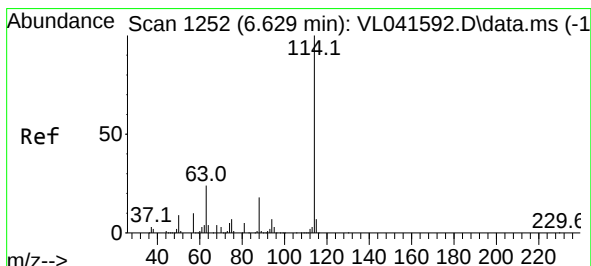
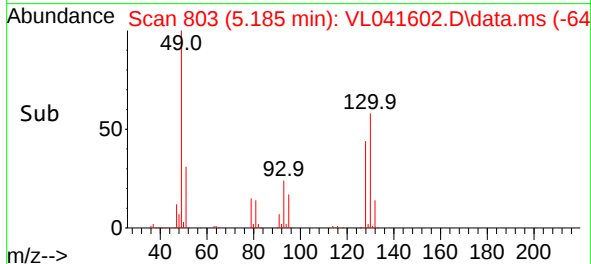
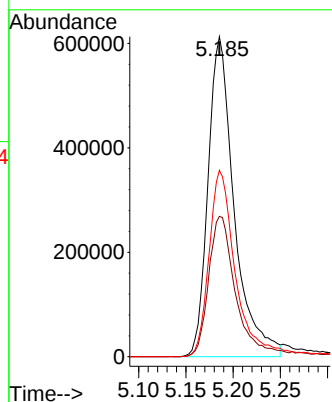
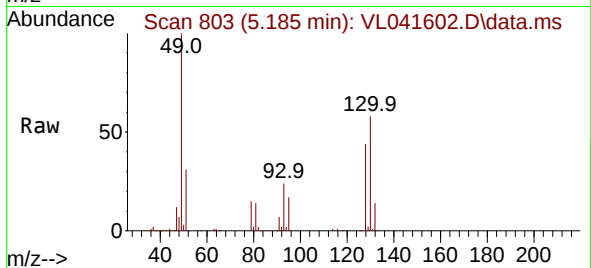




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.016 min
Lab File: VL041602.D
Acq: 18 Sep 2024 9:36

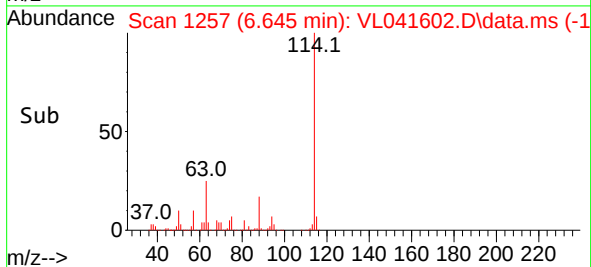
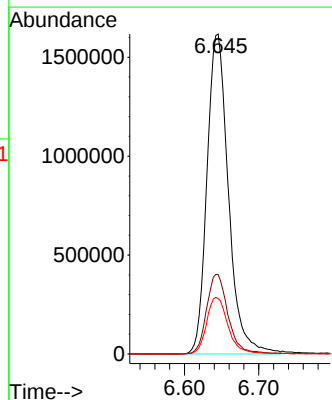
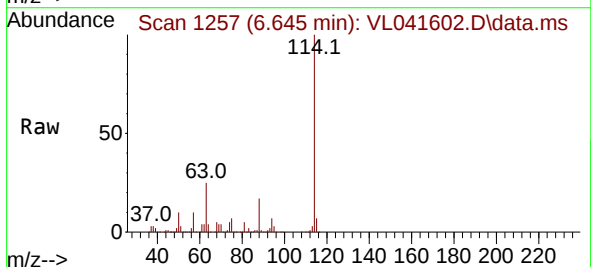
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABL01

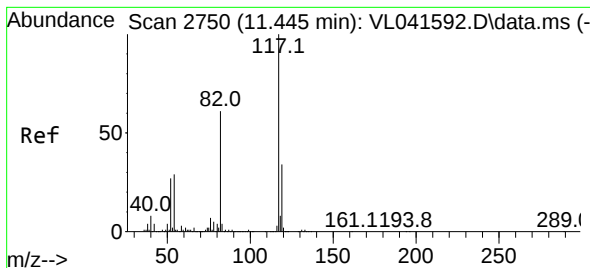
Tgt Ion: 49 Resp: 1177899
Ion Ratio Lower Upper
49 100
128 47.8 23.8 71.5
130 61.1 30.4 91.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. 0.016 min
Lab File: VL041602.D
Acq: 18 Sep 2024 9:36

Tgt Ion: 114 Resp: 3241896
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.2
88 17.8 14.2 21.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL041602.D

Acq: 18 Sep 2024 9:36

Instrument :

MSVOA_L

ClientSampleId :

VL0918ABL01

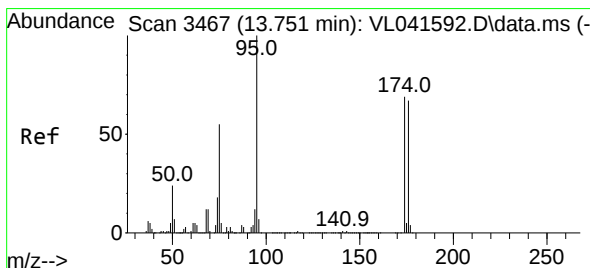
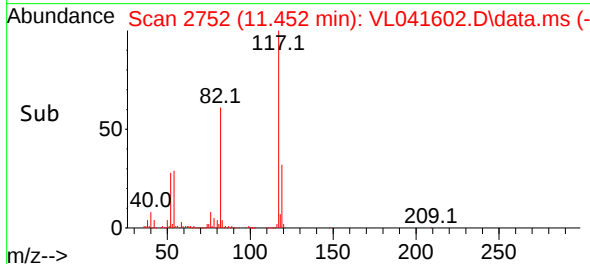
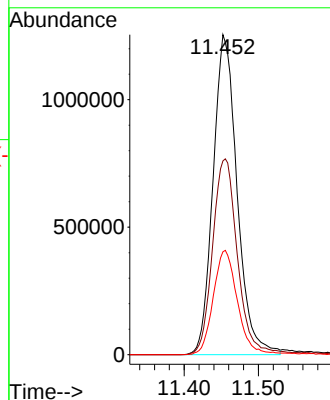
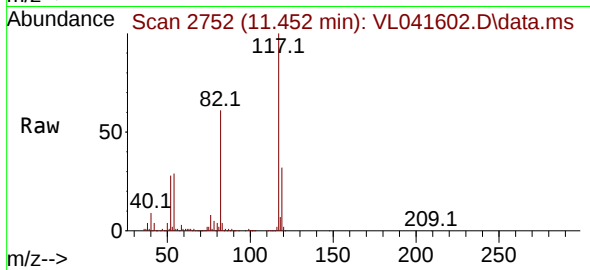
Tgt Ion:117 Resp: 2826139

Ion Ratio Lower Upper

117 100

82 64.4 49.4 74.2

119 33.2 24.4 36.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.981 ppbv

RT: 13.761 min Scan# 3470

Delta R.T. 0.010 min

Lab File: VL041602.D

Acq: 18 Sep 2024 9:36

Tgt Ion: 95 Resp: 2076380

Ion Ratio Lower Upper

95 100

174 71.6 55.8 83.8

175 5.1 4.1 6.1

