

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041635.D
 Acq On : 10 Oct 2024 9:59
 Operator : SY/MD
 Sample : VL1010ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1010ABL01

Quant Time: Oct 11 06:54:37 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	5.173	49	1216561	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	3268805	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2877888	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2090842	9.869	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%

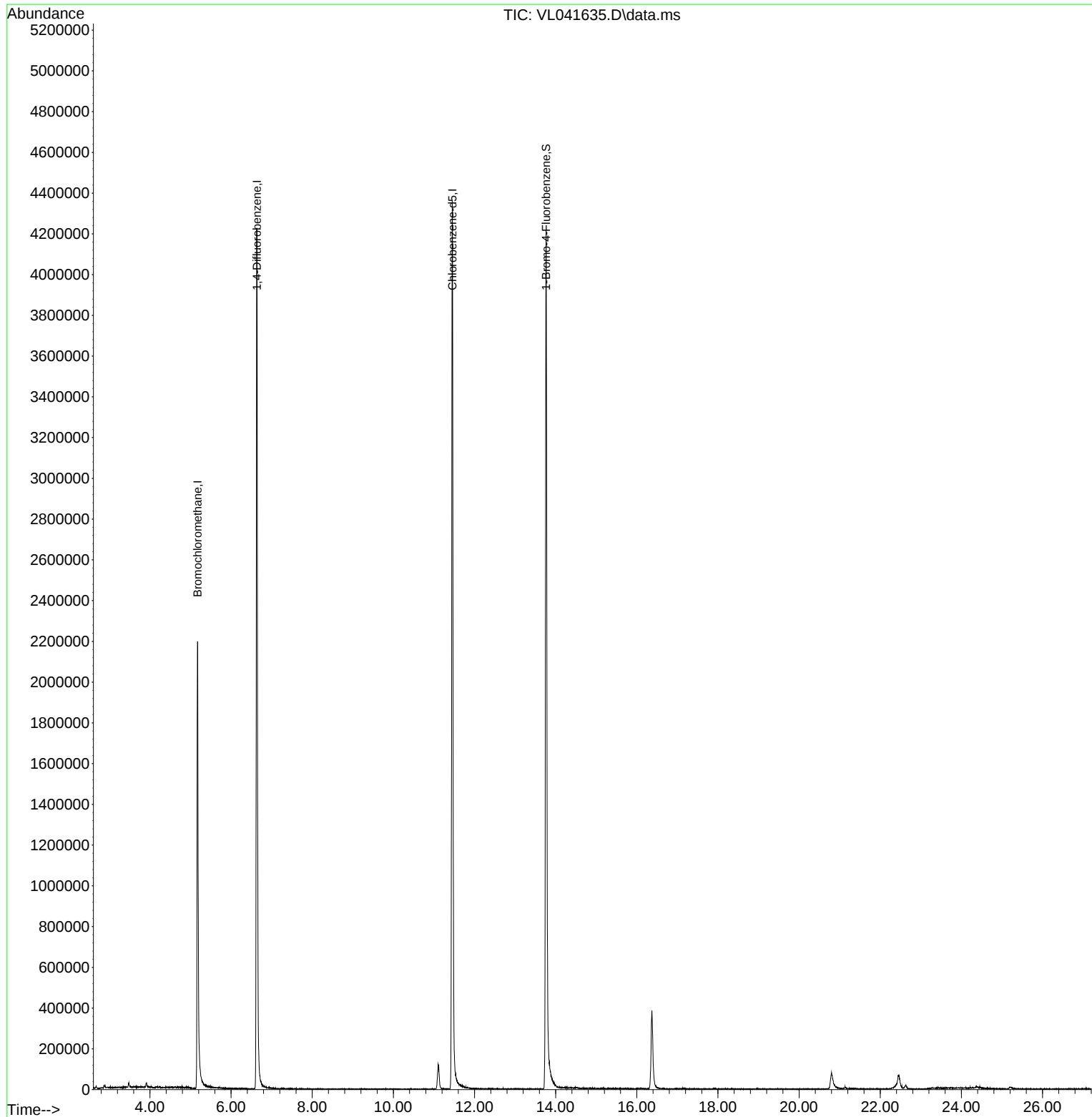
Target Compounds	Qvalue

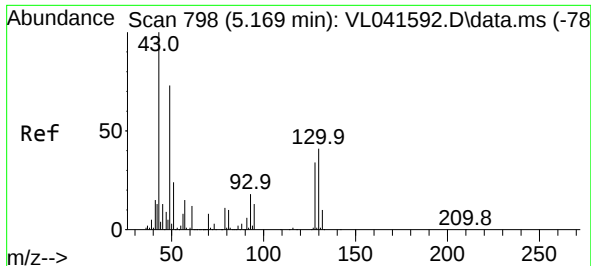
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.173 min Scan# 798

Delta R.T. 0.004 min

Lab File: VL041635.D

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Instrument :

MSVOA_L

ClientSampleId :

VL1010ABL01

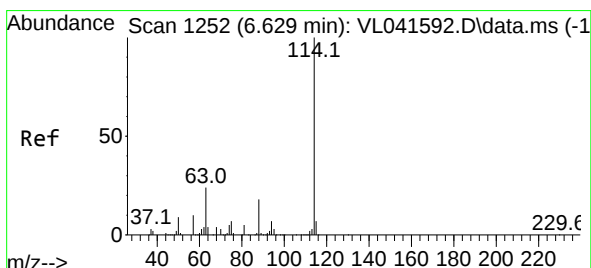
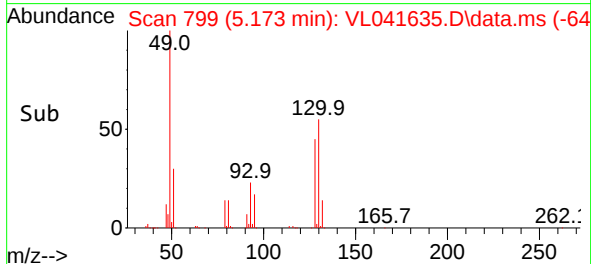
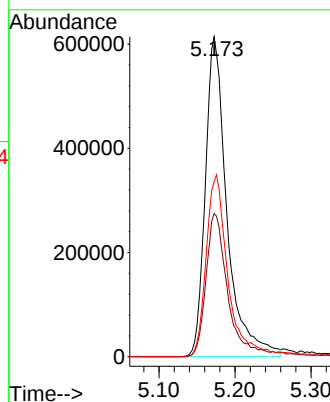
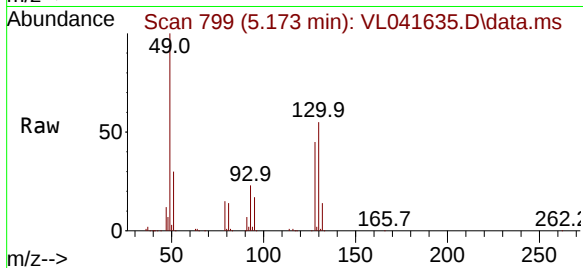
Tgt Ion: 49 Resp: 1216561

Ion Ratio Lower Upper

49 100

128 46.1 23.8 71.5

130 59.4 30.4 91.3



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 1254

Delta R.T. 0.007 min

Lab File: VL041635.D

Acq: 10 Oct 2024 9:59

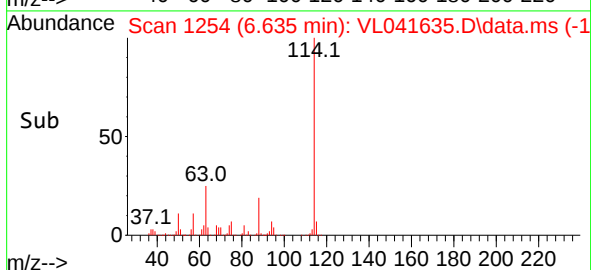
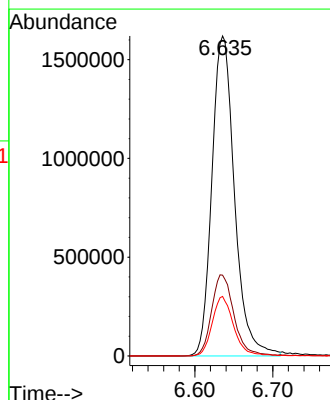
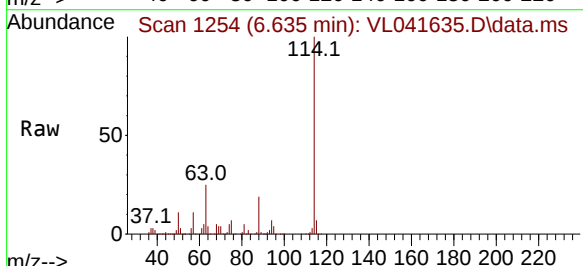
Tgt Ion: 114 Resp: 3268805

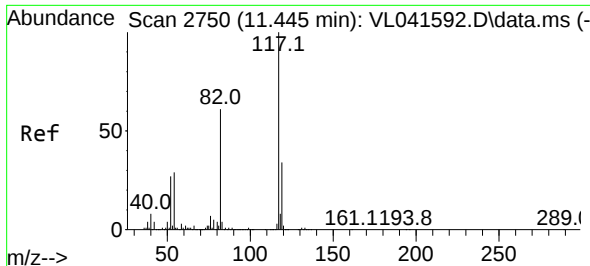
Ion Ratio Lower Upper

114 100

63 25.4 20.2 30.2

88 17.8 14.2 21.4

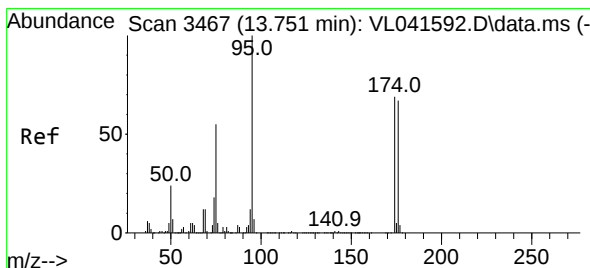
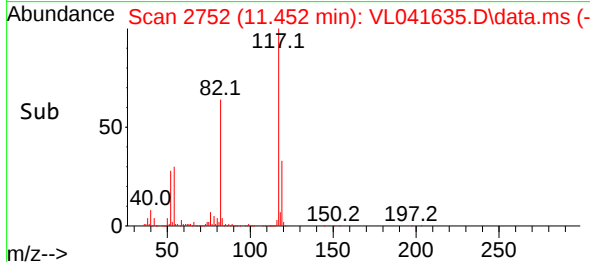
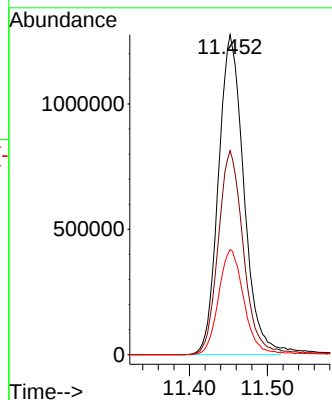
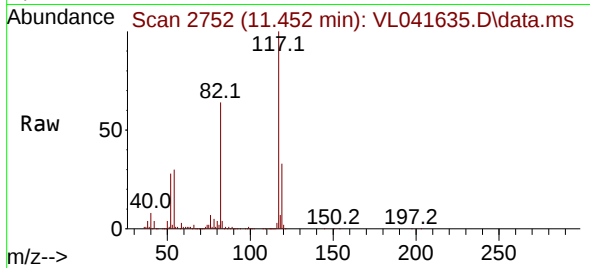




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041635.D
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Instrument :
MSVOA_L
ClientSampleId :
VL1010ABL01

Tgt Ion:117 Resp: 2877888
Ion Ratio Lower Upper
117 100
82 64.5 49.4 74.2
119 33.7 24.4 36.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.869 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. 0.013 min
Lab File: VL041635.D
Acq: 10 Oct 2024 9:59

Tgt Ion: 95 Resp: 2090842
Ion Ratio Lower Upper
95 100
174 72.4 55.8 83.8
175 5.3 4.1 6.1

