

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041643.D
 Acq On : 10 Oct 2024 15:26
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Oct 11 05:41:47 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	5.179	49	1045351	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2752678	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.458	117	2421883	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1737216	9.744	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%

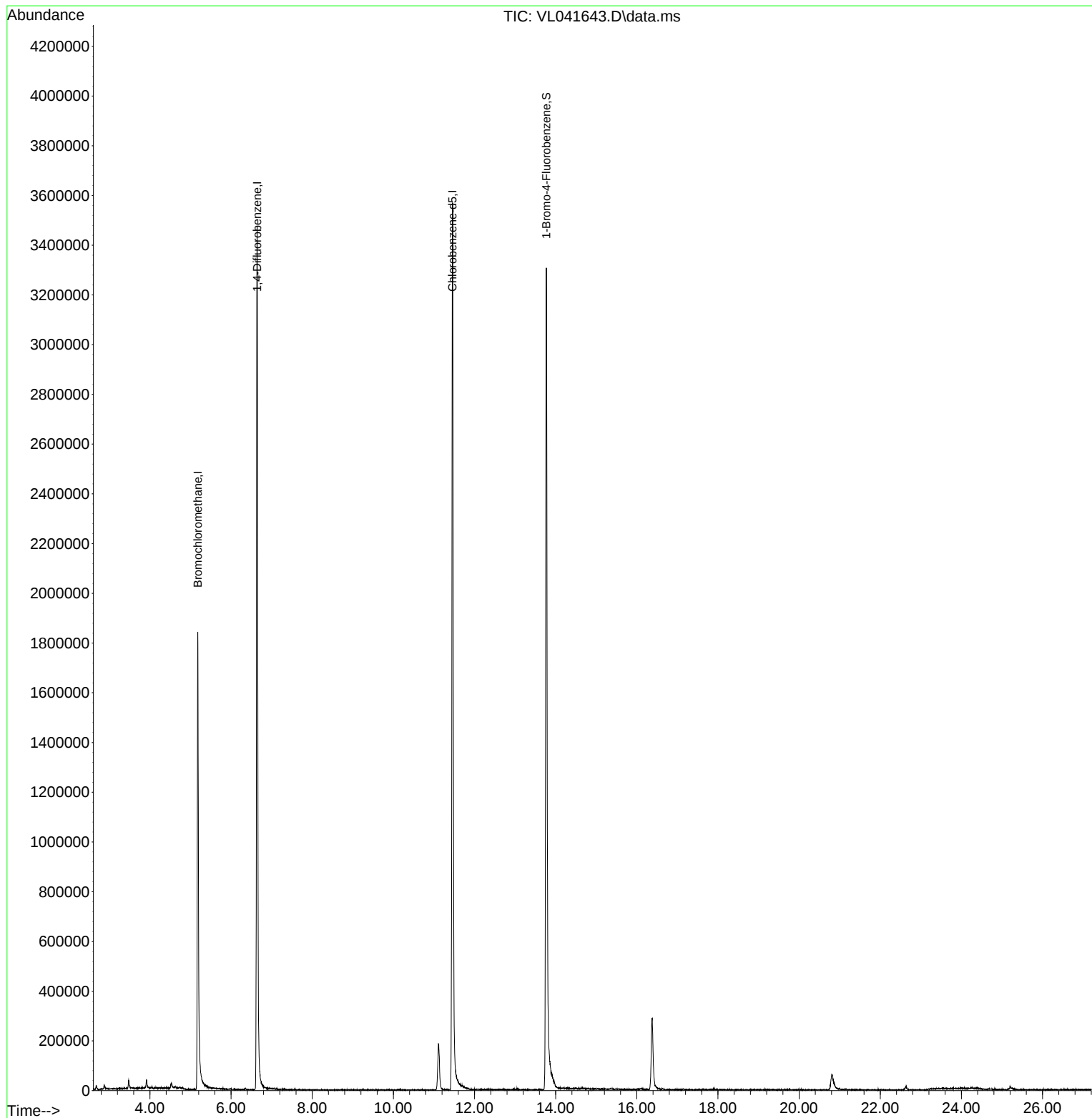
Target Compounds	Qvalue

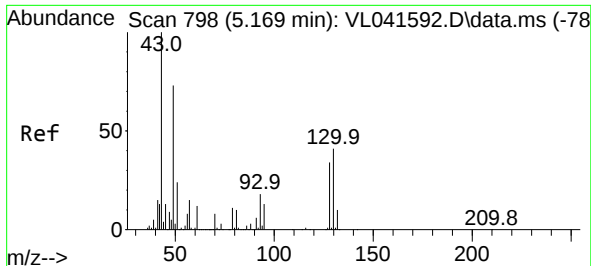
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.179 min Scan# 801

Delta R.T. 0.010 min

Lab File: VL041643.D

Acq: 10 Oct 2024 15:26

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

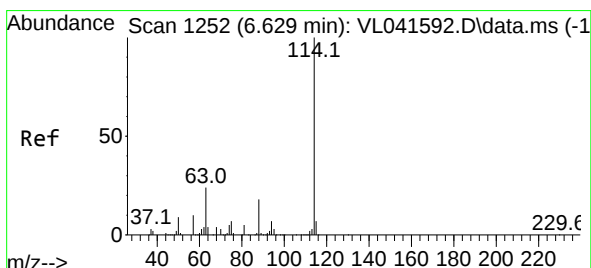
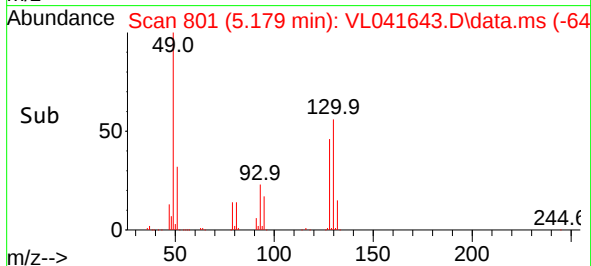
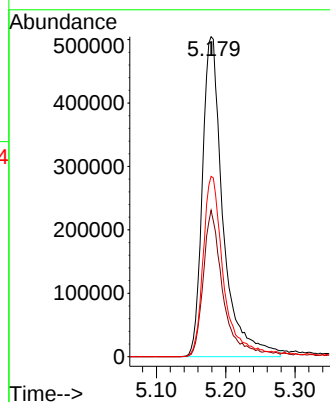
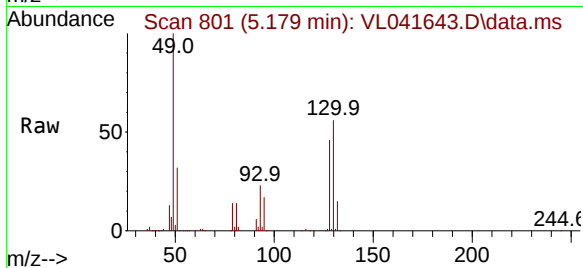
Tgt Ion: 49 Resp: 1045351

Ion Ratio Lower Upper

49 100

128 45.9 23.8 71.5

130 57.8 30.4 91.3



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. 0.013 min

Lab File: VL041643.D

Acq: 10 Oct 2024 15:26

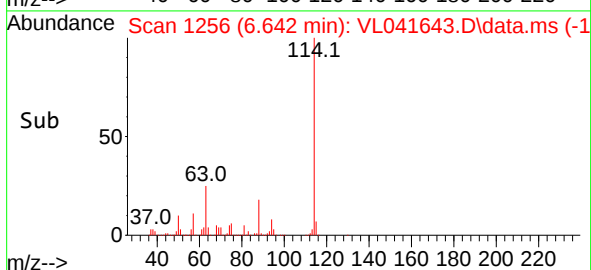
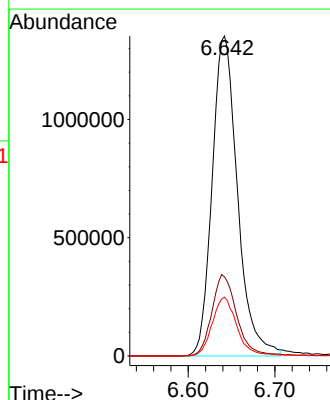
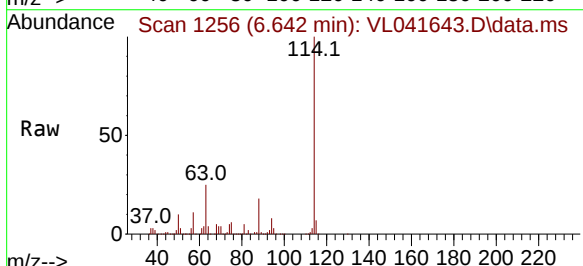
Tgt Ion: 114 Resp: 2752678

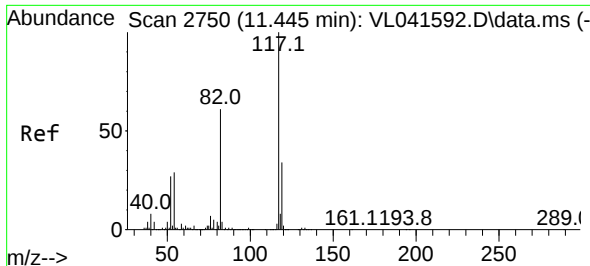
Ion Ratio Lower Upper

114 100

63 25.3 20.2 30.2

88 18.0 14.2 21.4

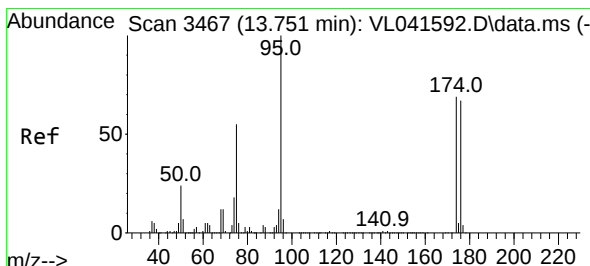
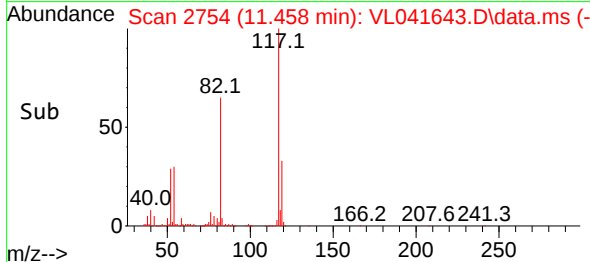
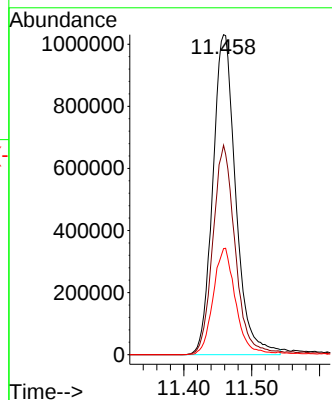
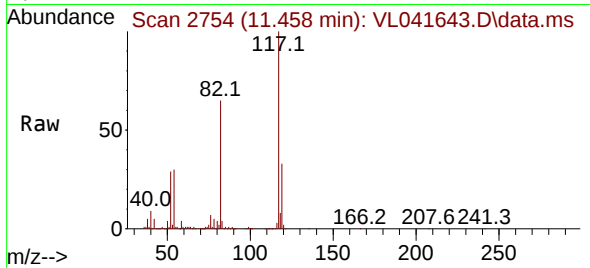




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041643.D
Acq: 10 Oct 2024 15:26

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2421883
Ion Ratio Lower Upper
117 100
82 65.3 49.4 74.2
119 33.3 24.4 36.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.744 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.016 min
Lab File: VL041643.D
Acq: 10 Oct 2024 15:26

Tgt Ion: 95 Resp: 1737216
Ion Ratio Lower Upper
95 100
174 73.1 55.8 83.8
175 5.1 4.1 6.1

