

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041687.D
 Acq On : 7 Nov 2024 21:03
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Nov 08 03:53:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 08 01:01:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	950727	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2562315	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2280755	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1620701	9.644	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%

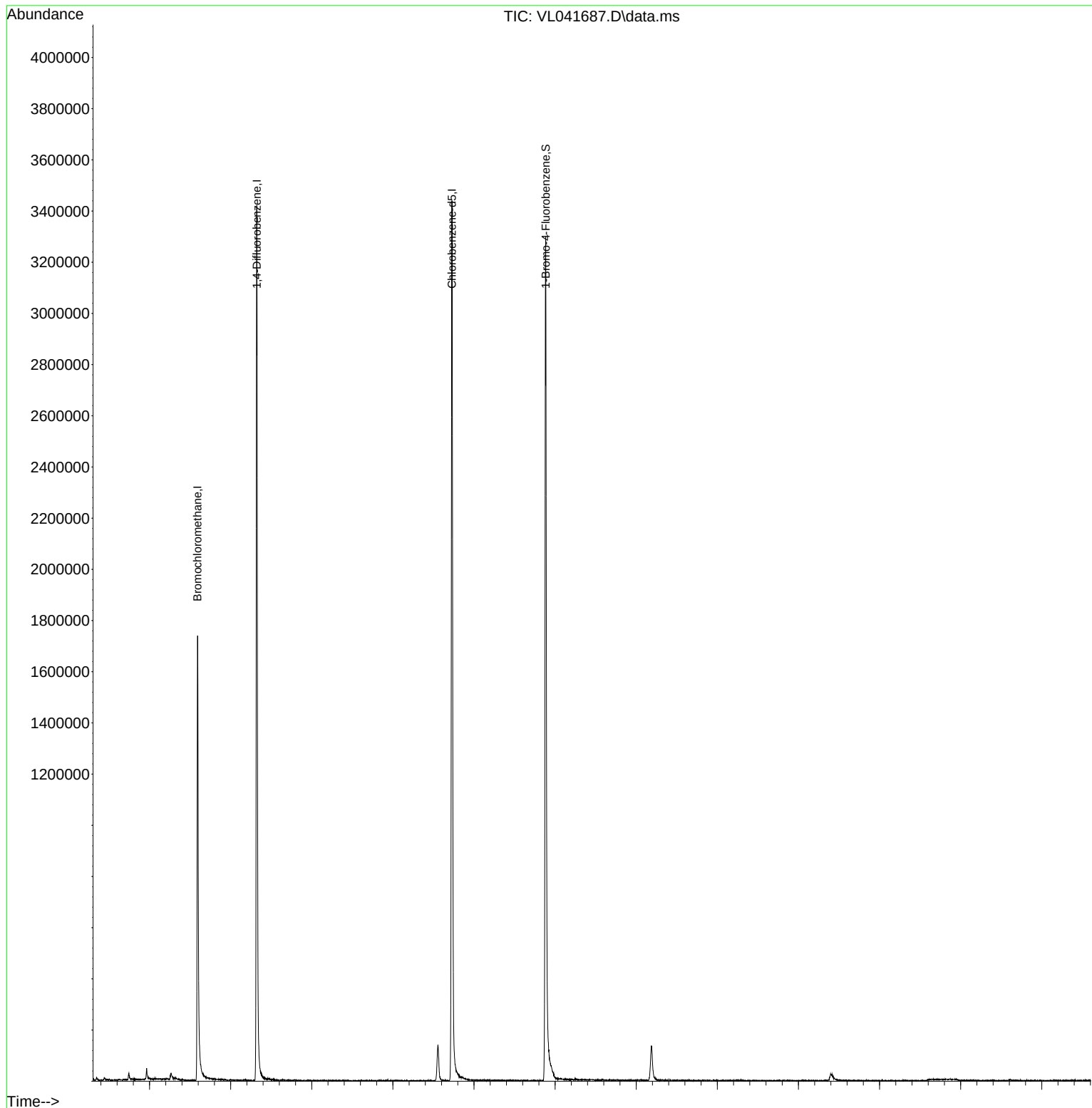
Target Compounds	Qvalue

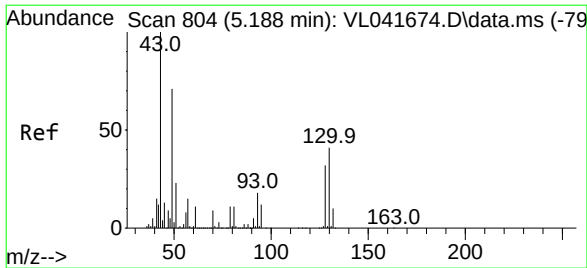
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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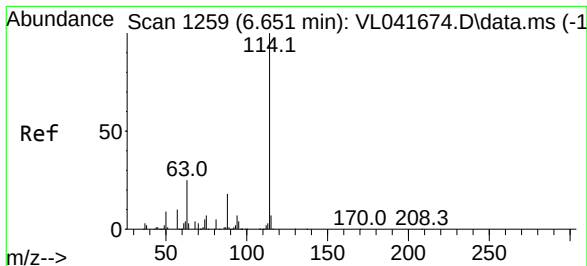
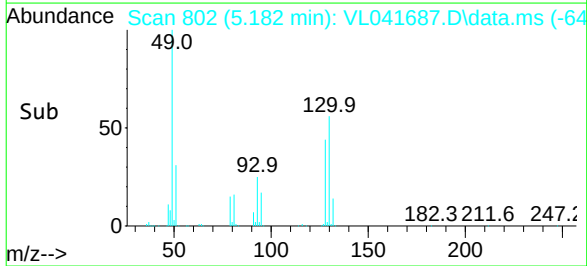
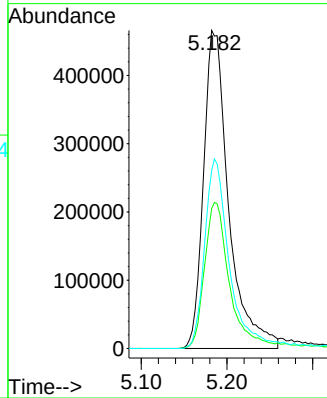
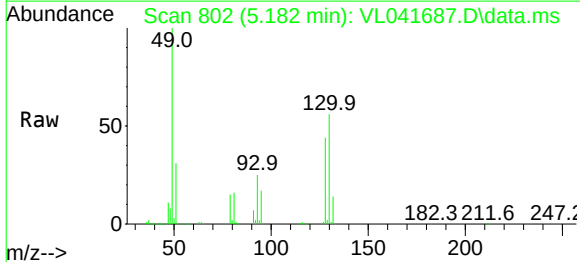




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 804
Delta R.T. -0.006 min
Lab File: VL041687.D
Acq: 7 Nov 2024 21:03

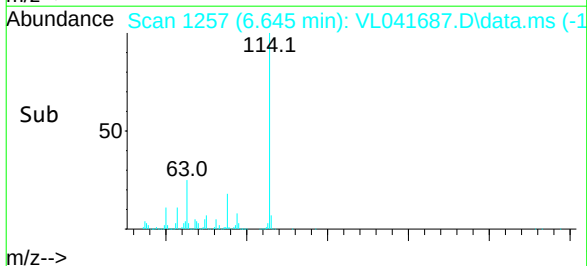
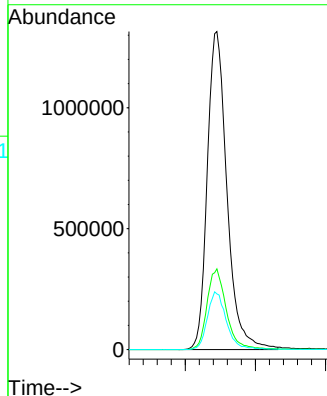
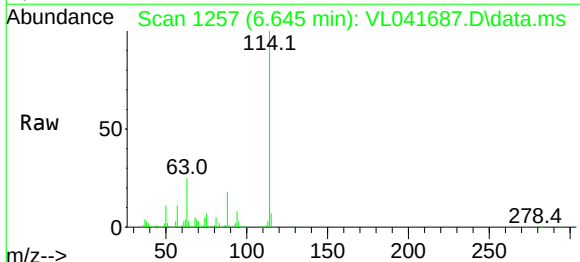
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

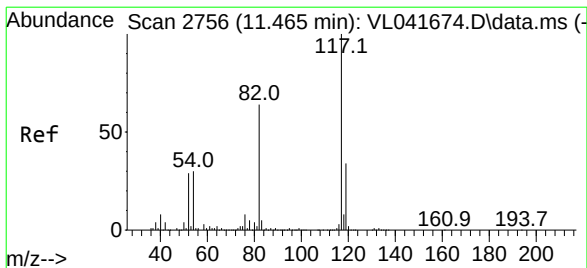
Tgt Ion: 49 Resp: 950727
Ion Ratio Lower Upper
49 100
128 47.3 23.8 71.2
130 59.6 30.1 90.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VL041687.D
Acq: 7 Nov 2024 21:03

Tgt Ion: 114 Resp: 2562315
Ion Ratio Lower Upper
114 100
63 25.0 20.3 30.5
88 17.7 14.2 21.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 27

Delta R.T. -0.010 min

Lab File: VL041687.D

Acq: 7 Nov 2024 21:03

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

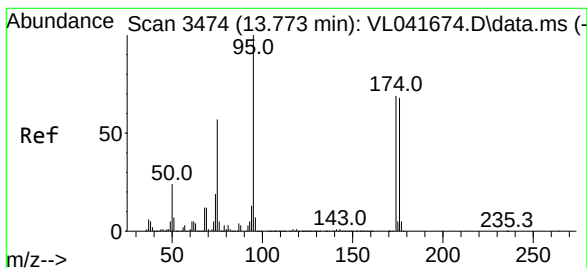
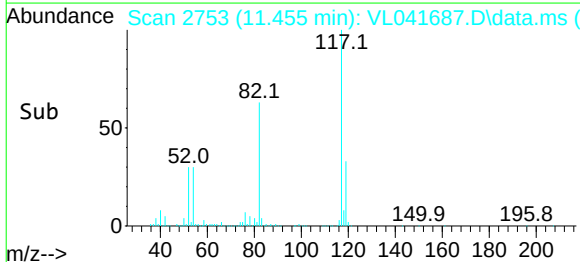
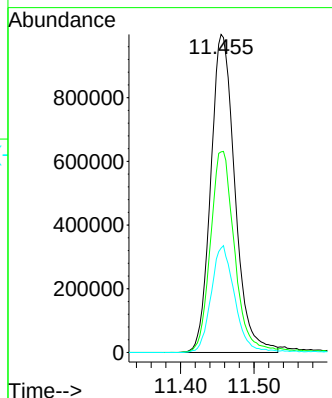
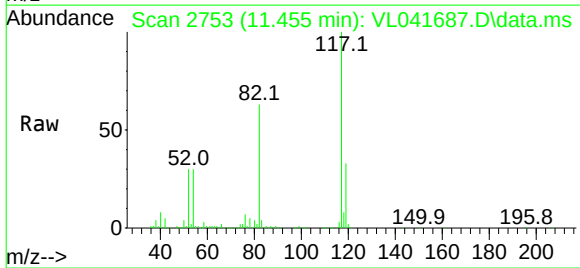
Tgt Ion:117 Resp: 2280755

Ion Ratio Lower Upper

117 100

82 64.8 49.8 74.8

119 33.1 24.2 36.4



#68

1-Bromo-4-Fluorobenzene

Concen: 9.644 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. -0.006 min

Lab File: VL041687.D

Acq: 7 Nov 2024 21:03

Tgt Ion: 95 Resp: 1620701

Ion Ratio Lower Upper

95 100

174 71.0 55.6 83.4

175 5.0 4.2 6.2

