

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050924\
Data File : VL041252.D
Acq On : 9 May 2024 10:51
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: May 10 01:25:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri May 10 01:23:08 2024
Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	774158	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2100525	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	1877412	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.796	95	1462555	10.319	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.200%

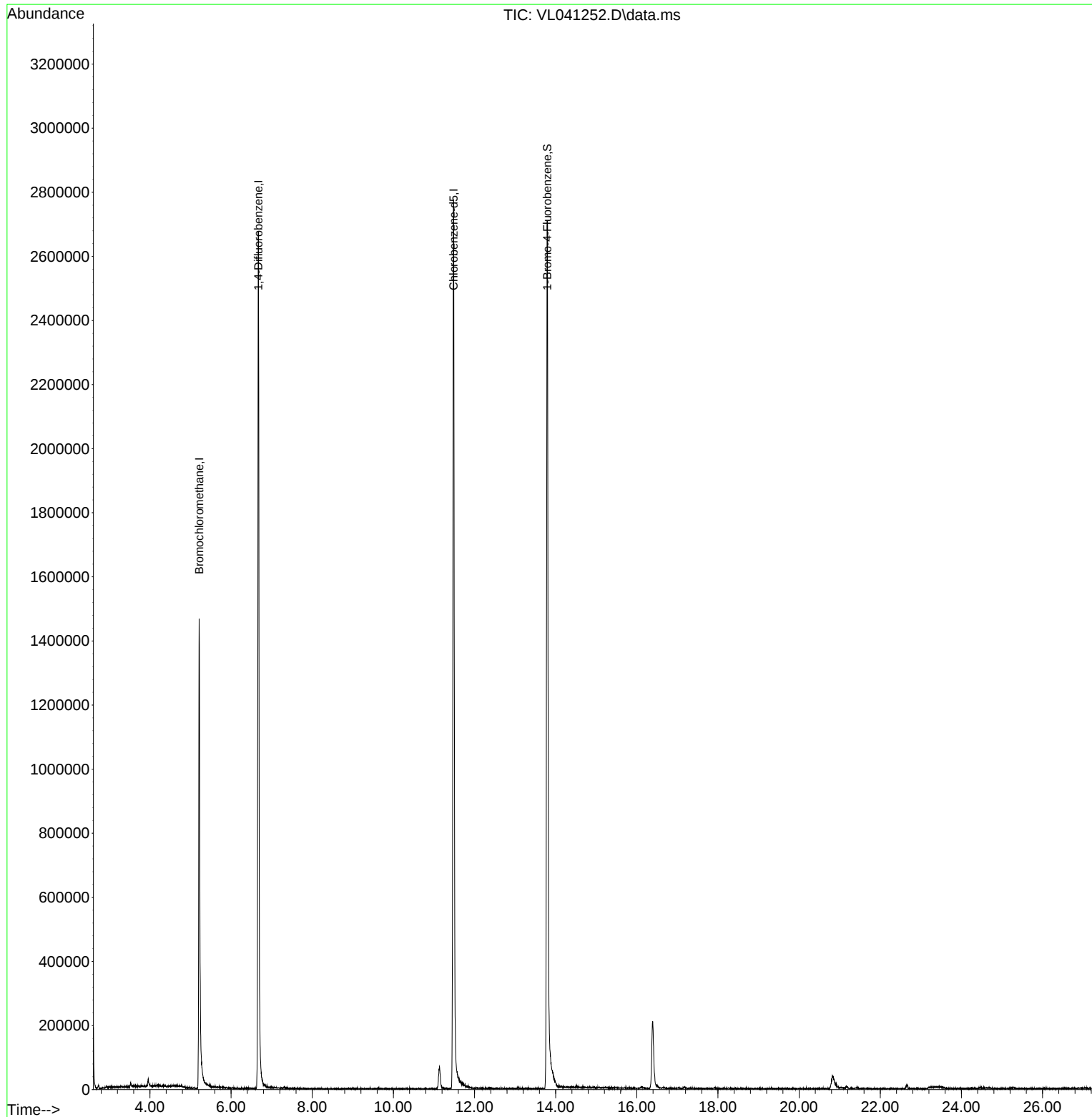
Target Compounds	Qvalue

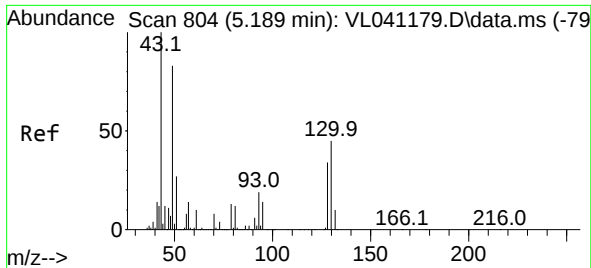
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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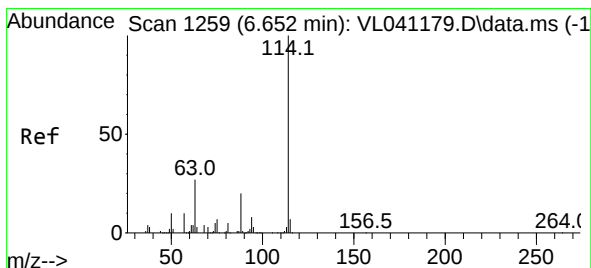
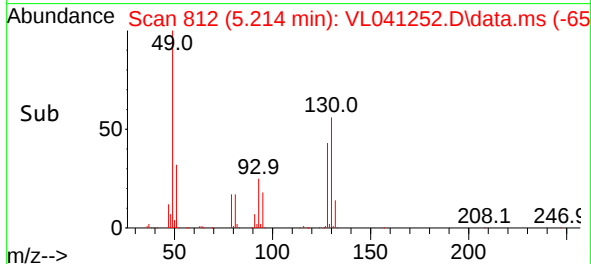
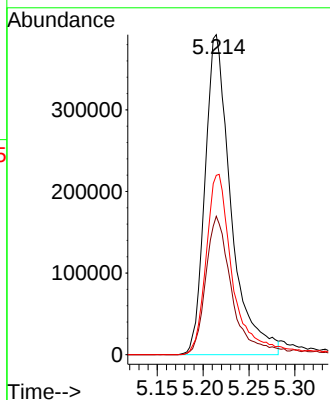
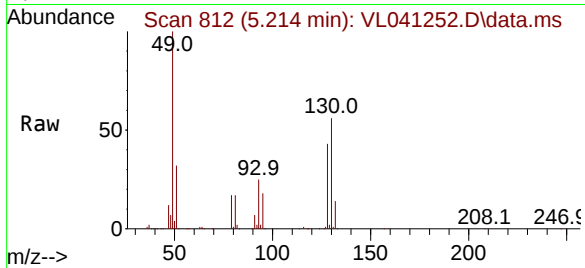




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.009 min
Lab File: VL041252.D
Acq: 9 May 2024 10:51

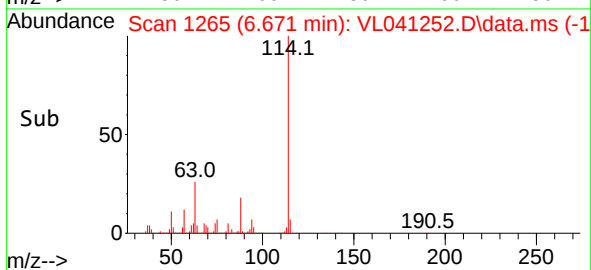
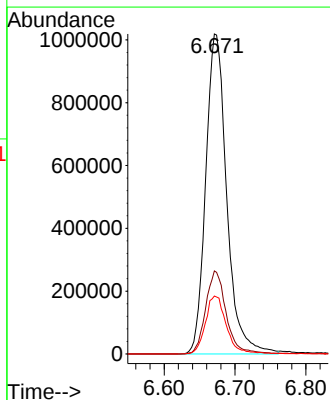
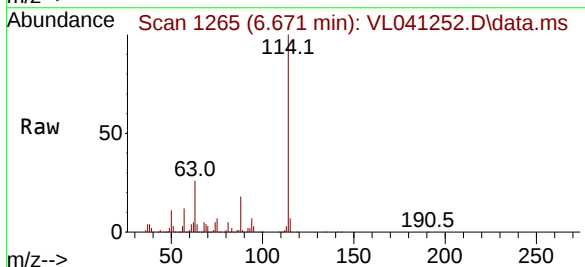
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

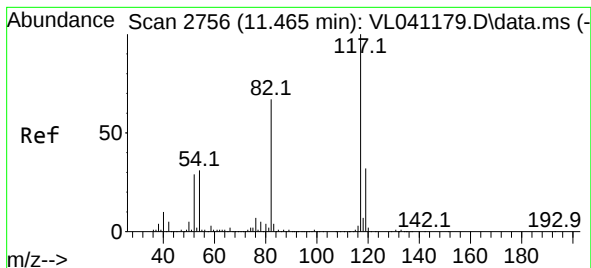
Tgt Ion: 49 Resp: 774158
Ion Ratio Lower Upper
49 100
128 45.3 21.5 64.5
130 61.4 27.2 81.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.003 min
Lab File: VL041252.D
Acq: 9 May 2024 10:51

Tgt Ion: 114 Resp: 2100525
Ion Ratio Lower Upper
114 100
63 25.7 21.8 32.6
88 18.1 15.2 22.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.484 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041252.D

Acq: 9 May 2024 10:51

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

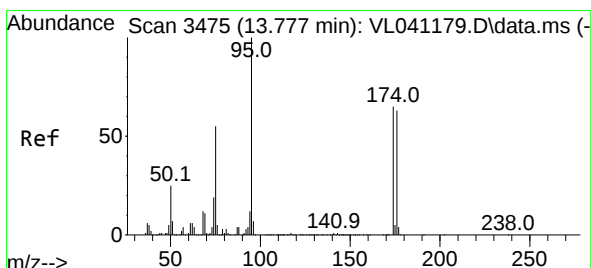
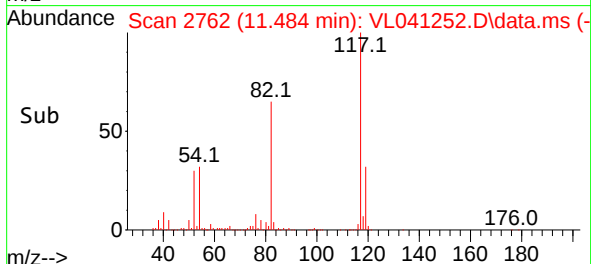
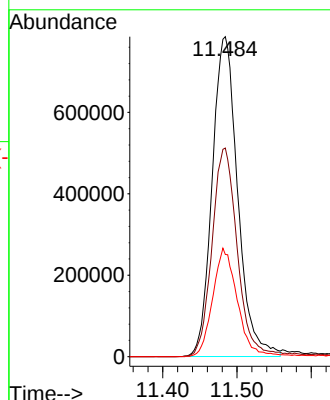
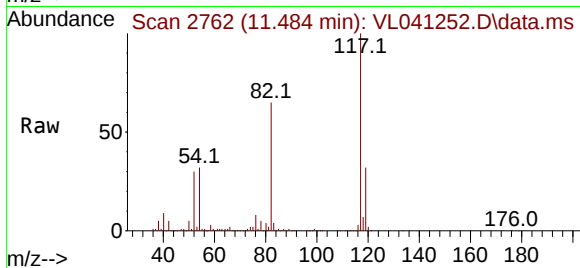
Tgt Ion:117 Resp: 1877412

Ion Ratio Lower Upper

117 100

82 66.3 53.6 80.4

119 33.0 27.2 40.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.319 ppbv

RT: 13.796 min Scan# 3481

Delta R.T. 0.010 min

Lab File: VL041252.D

Acq: 9 May 2024 10:51

Tgt Ion: 95 Resp: 1462555

Ion Ratio Lower Upper

95 100

174 64.5 53.6 80.4

175 4.8 4.2 6.4

