

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
Data File : VL041230.D
Acq On : 6 May 2024 22:54
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: May 07 05:29:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue May 07 05:19:44 2024
Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	862786	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2304130	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2068716	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.780	95	1559131	9.983	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%

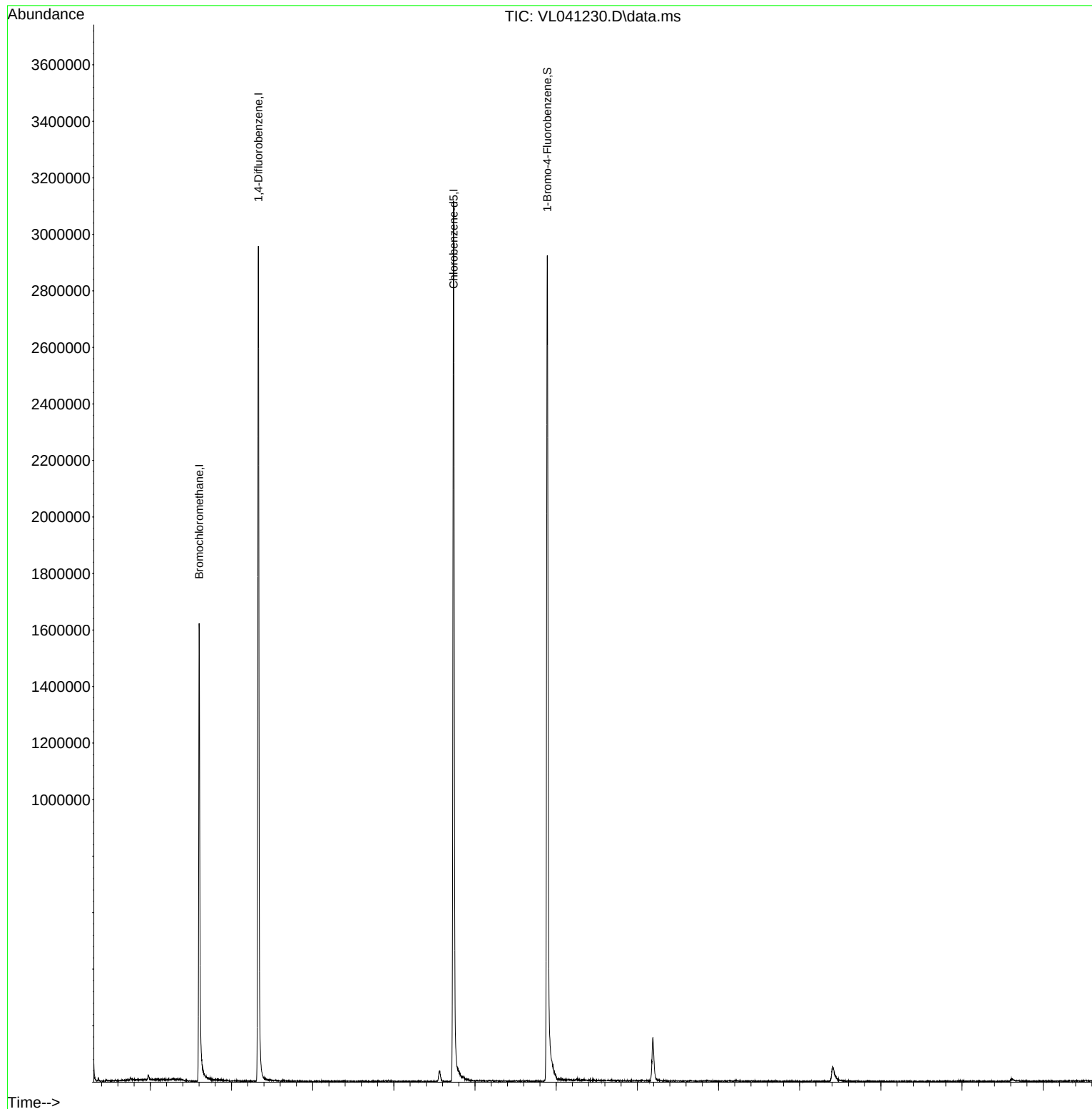
Target Compounds	Qvalue

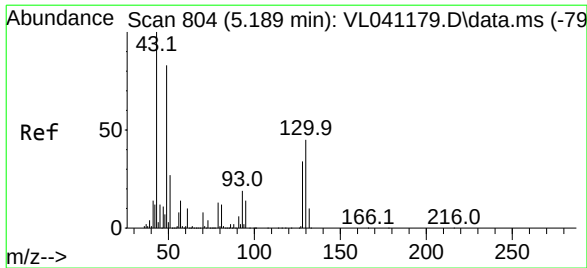
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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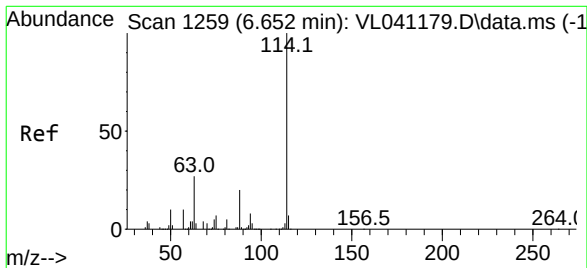
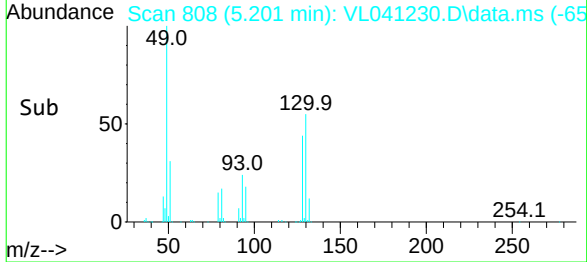
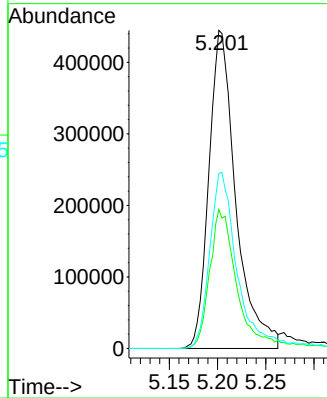
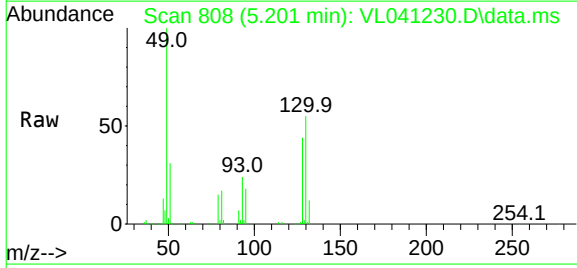




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.201 min Scan# 804
 Delta R.T. 0.006 min
 Lab File: VL041230.D
 Acq: 6 May 2024 22:54

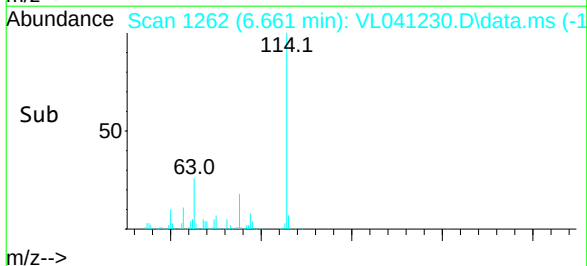
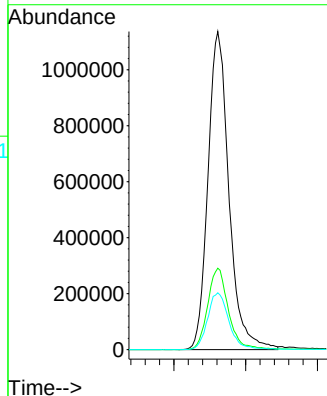
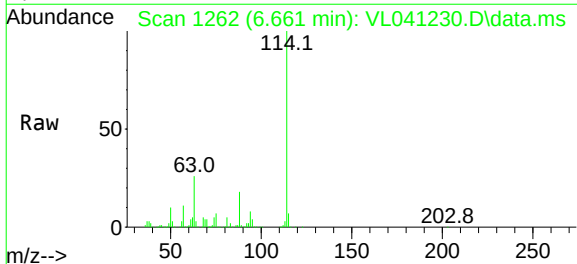
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

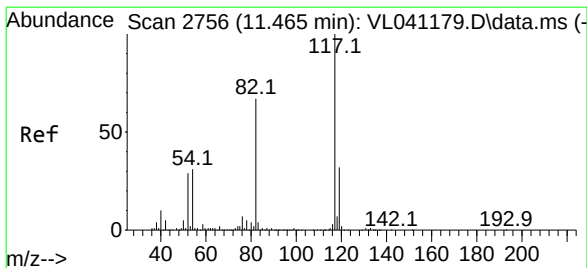
Tgt Ion: 49 Resp: 862786
 Ion Ratio Lower Upper
 49 100
 128 45.1 21.5 64.5
 130 58.6 27.2 81.6



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.661 min Scan# 1262
 Delta R.T. 0.006 min
 Lab File: VL041230.D
 Acq: 6 May 2024 22:54

Tgt Ion: 114 Resp: 2304130
 Ion Ratio Lower Upper
 114 100
 63 25.5 21.8 32.6
 88 18.4 15.2 22.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 2756

Delta R.T. 0.006 min

Lab File: VL041230.D

Acq: 6 May 2024 22:54

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

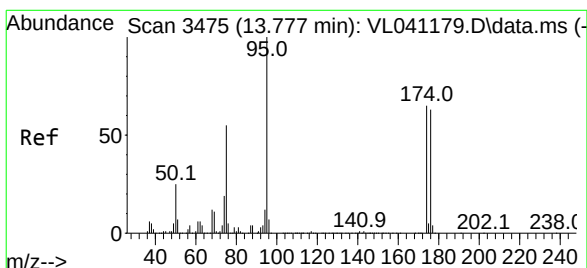
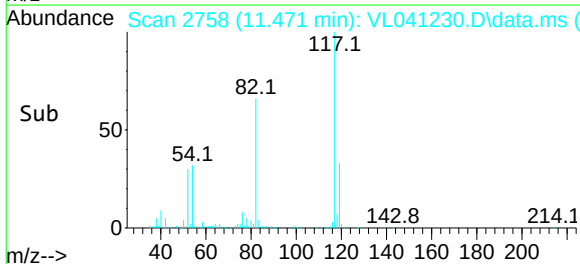
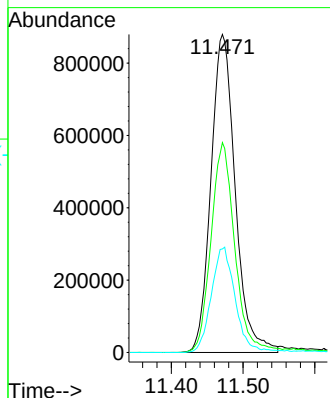
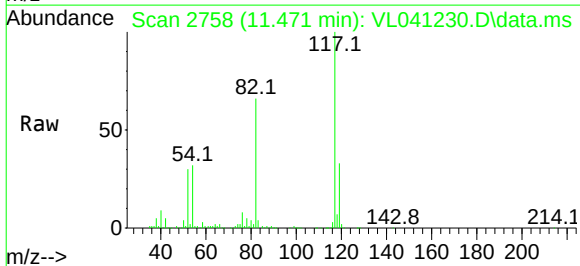
Tgt Ion:117 Resp: 2068716

Ion Ratio Lower Upper

117 100

82 66.6 53.6 80.4

119 32.8 27.2 40.8



#68

1-Bromo-4-Fluorobenzene

Concen: 9.983 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. 0.006 min

Lab File: VL041230.D

Acq: 6 May 2024 22:54

Tgt Ion: 95 Resp: 1559131

Ion Ratio Lower Upper

95 100

174 68.2 53.6 80.4

175 5.0 4.2 6.4

