

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
 Data File : VL041223.D
 Acq On : 6 May 2024 18:17
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: May 07 05:26:41 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	5.198	49	901090	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2332832	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2092801	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.777	95	1604647	10.156	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%

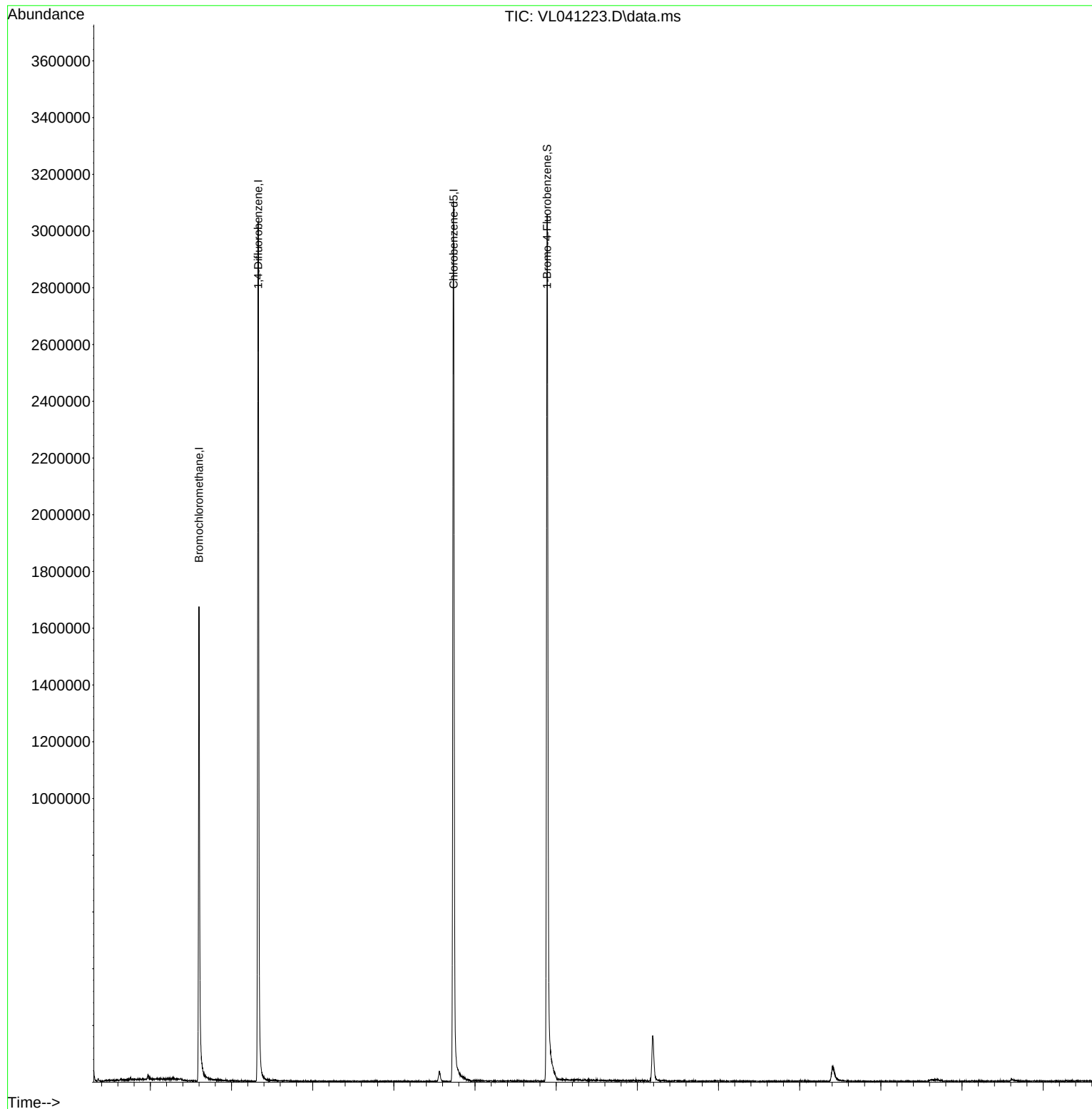
Target Compounds	Qvalue

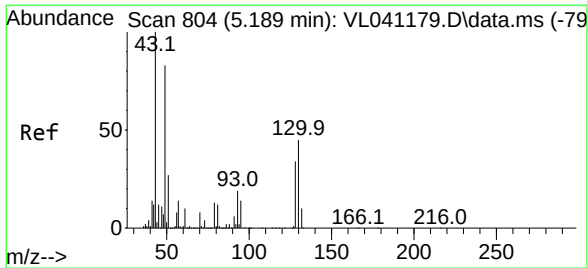
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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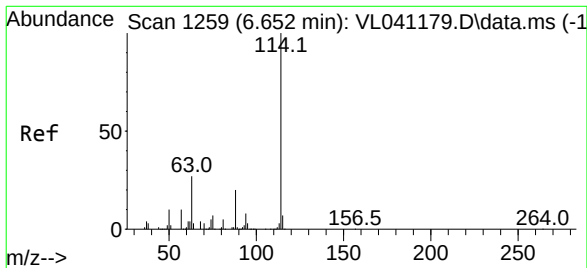
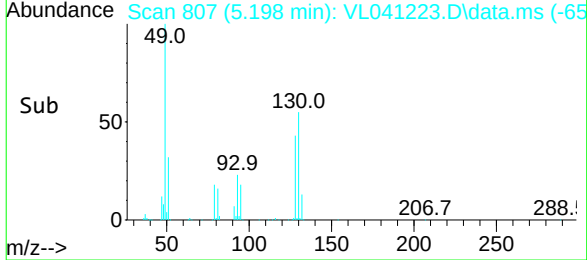
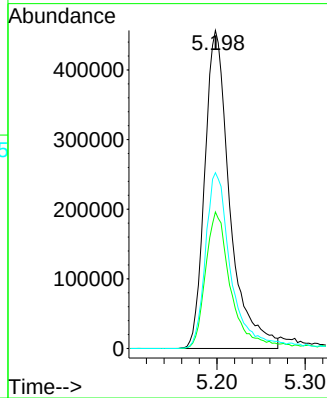
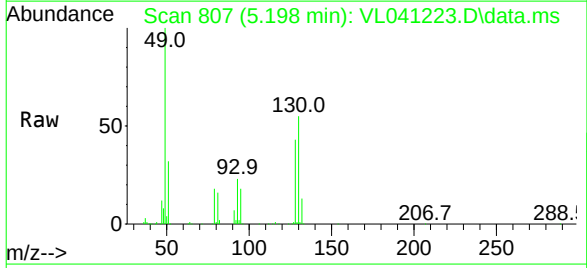




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 804
Delta R.T. 0.003 min
Lab File: VL041223.D
Acq: 6 May 2024 18:17

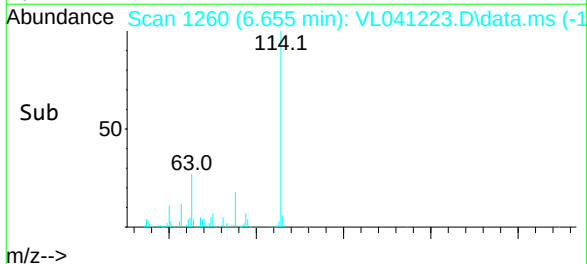
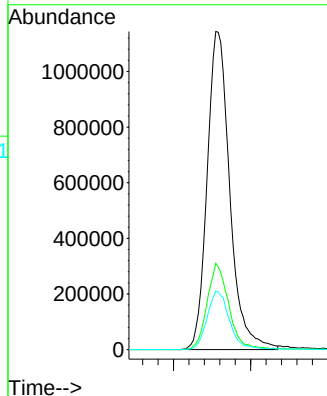
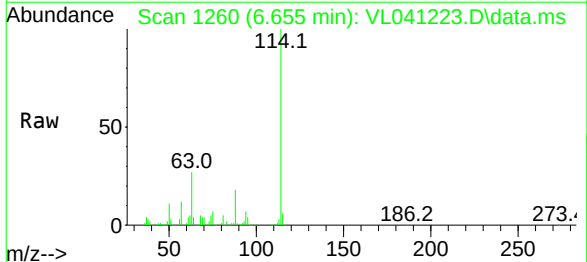
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

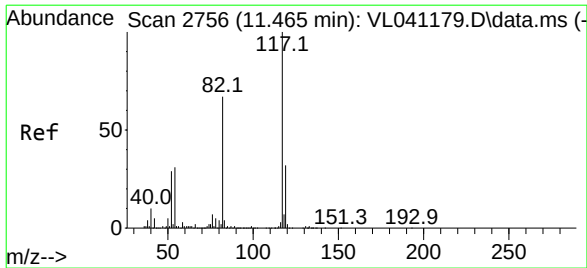
Tgt Ion: 49 Resp: 901090
Ion Ratio Lower Upper
49 100
128 44.7 21.5 64.5
130 57.2 27.2 81.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VL041223.D
Acq: 6 May 2024 18:17

Tgt Ion: 114 Resp: 2332832
Ion Ratio Lower Upper
114 100
63 26.2 21.8 32.6
88 18.3 15.2 22.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 2756

Delta R.T. 0.007 min

Lab File: VL041223.D

Acq: 6 May 2024 18:17

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

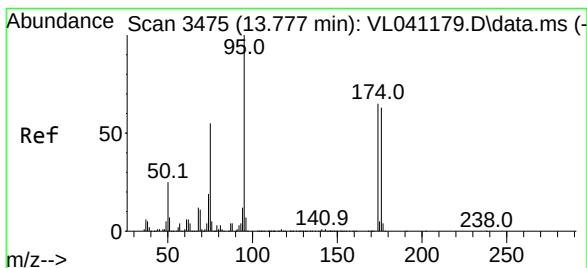
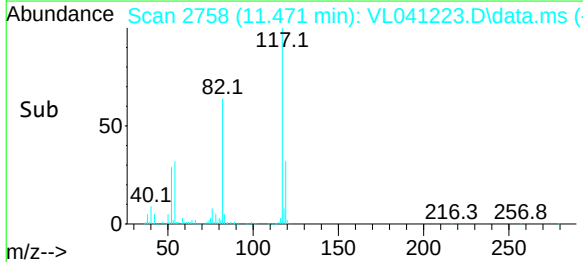
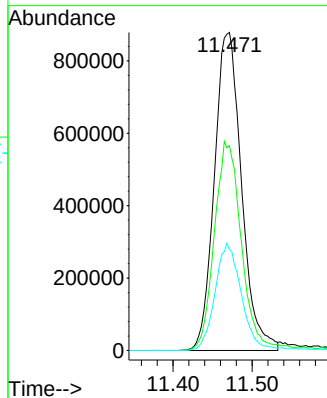
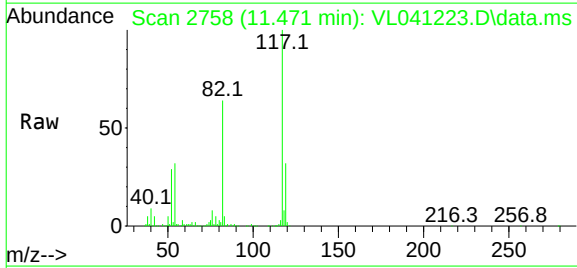
Tgt Ion:117 Resp: 2092801

Ion Ratio Lower Upper

117 100

82 67.2 53.6 80.4

119 33.2 27.2 40.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.156 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. 0.003 min

Lab File: VL041223.D

Acq: 6 May 2024 18:17

Tgt Ion: 95 Resp: 1604647

Ion Ratio Lower Upper

95 100

174 67.3 53.6 80.4

175 5.1 4.2 6.4

