

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
Data File : VL041213.D
Acq On : 6 May 2024 11:39
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: May 07 05:22:30 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	5.192	49	885143	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2314600	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2093677	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.770	95	1590665	10.064	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%

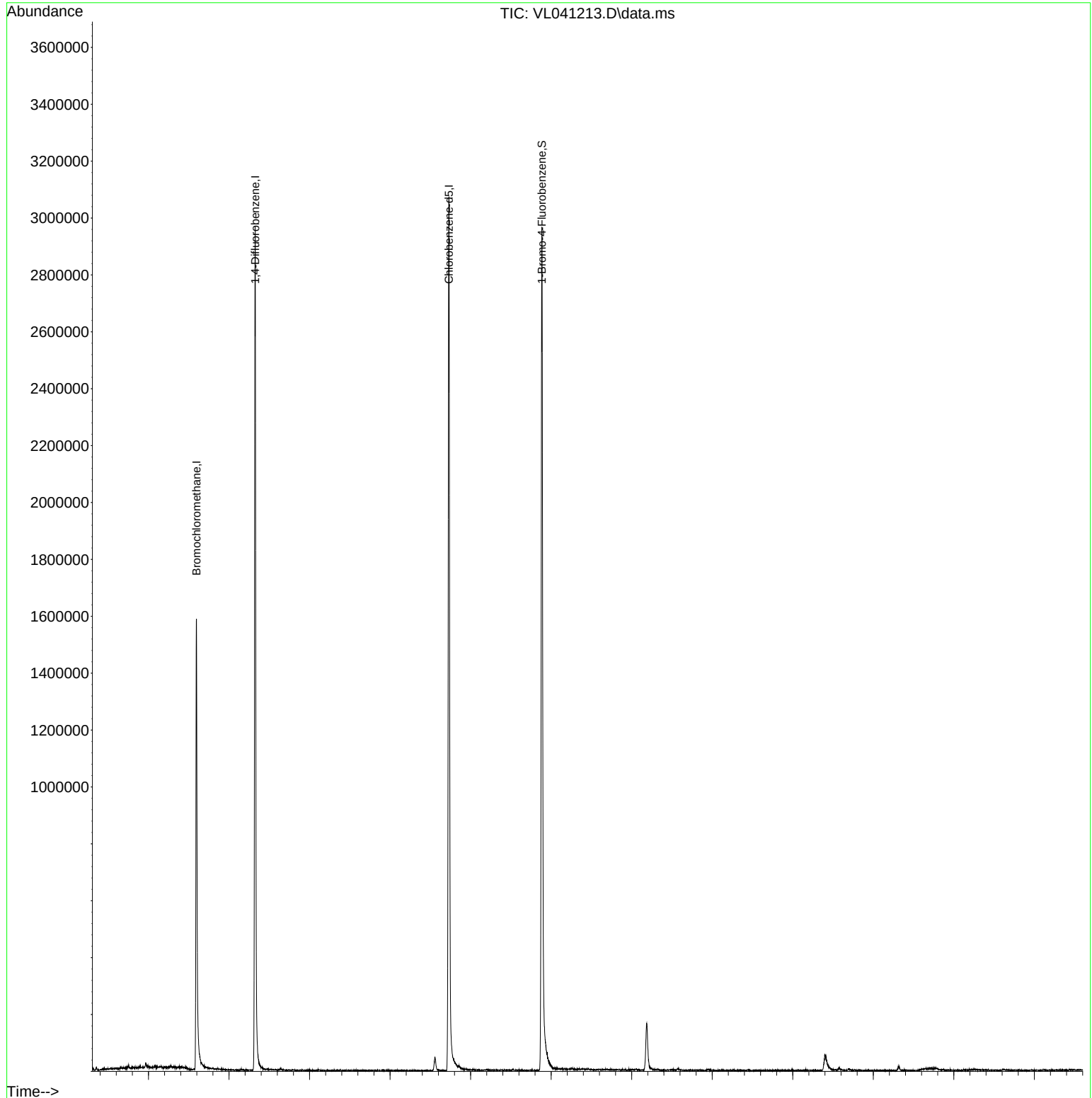
Target Compounds	Qvalue

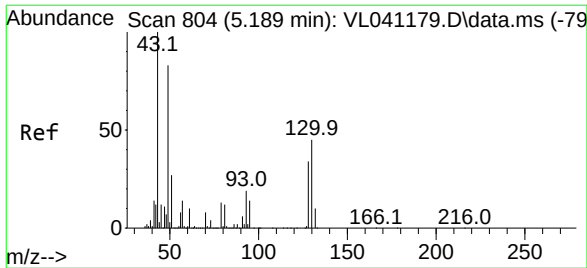
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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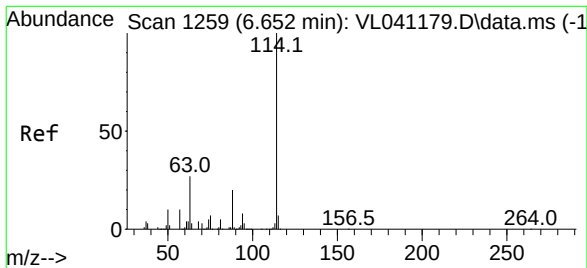
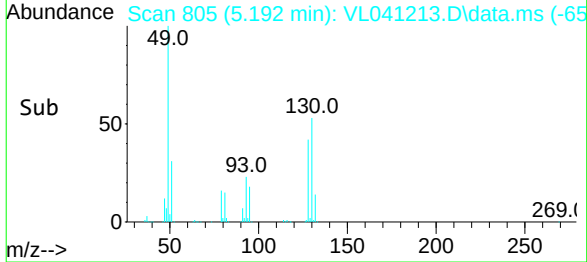
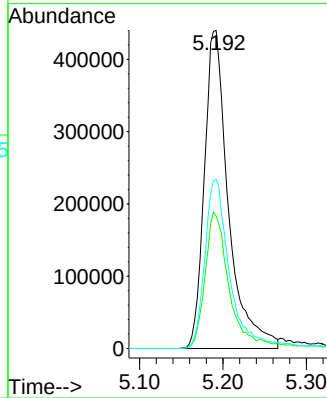
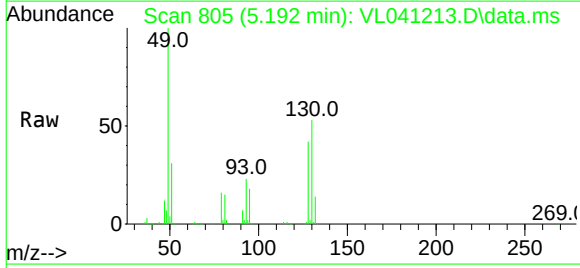




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 804
Delta R.T. -0.003 min
Lab File: VL041213.D
Acq: 6 May 2024 11:39

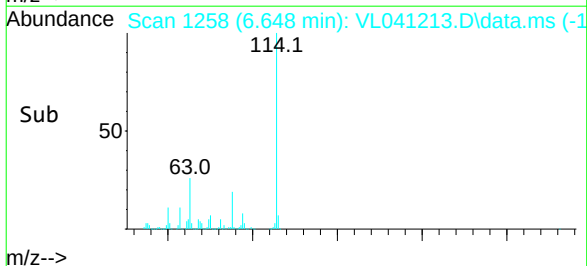
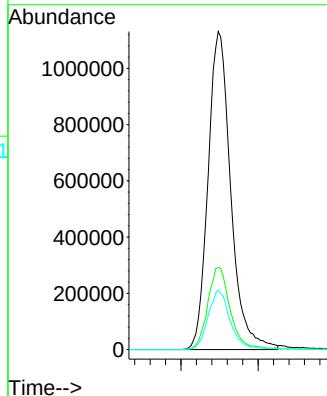
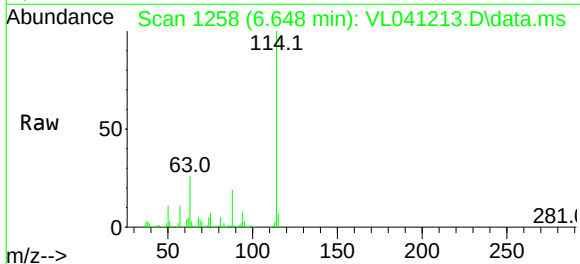
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

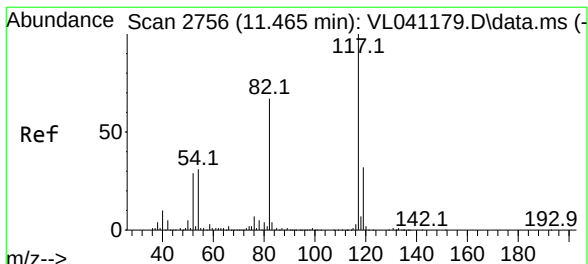
Tgt Ion: 49 Resp: 885143
Ion Ratio Lower Upper
49 100
128 44.2 21.5 64.5
130 57.2 27.2 81.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VL041213.D
Acq: 6 May 2024 11:39

Tgt Ion: 114 Resp: 2314600
Ion Ratio Lower Upper
114 100
63 25.8 21.8 32.6
88 18.3 15.2 22.8



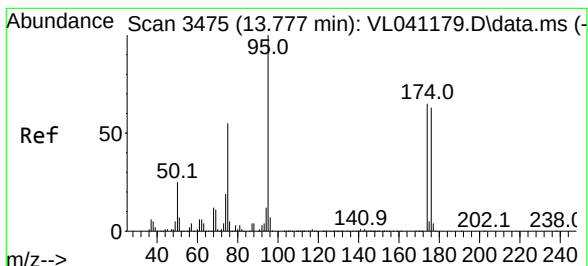
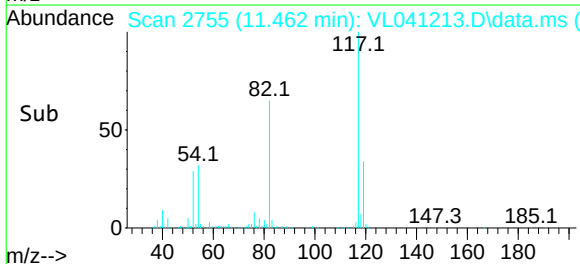
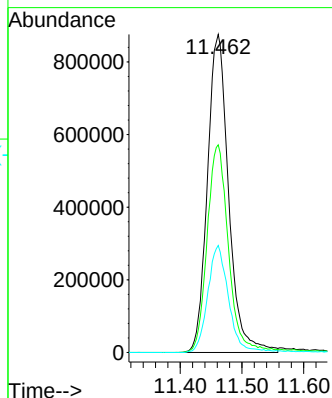
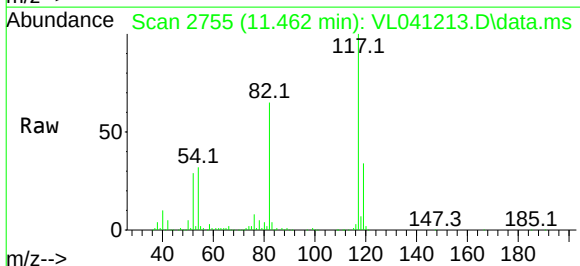


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 11.462 min Scan# 2756
 Delta R.T. -0.003 min
 Lab File: VL041213.D
 Acq: 6 May 2024 11:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 117 Resp: 2093677

Ion	Ratio	Lower	Upper
117	100		
82	67.0	53.6	80.4
119	33.7	27.2	40.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.064 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.003 min
 Lab File: VL041213.D
 Acq: 6 May 2024 11:39

Tgt Ion: 95 Resp: 1590665

Ion	Ratio	Lower	Upper
95	100		
174	67.9	53.6	80.4
175	4.8	4.2	6.4

