

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041809.D
 Acq On : 18 Dec 2024 23:40
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Dec 19 08:01:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	74451	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	174576	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.895	117	147066	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.387	95	124098	10.126	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%

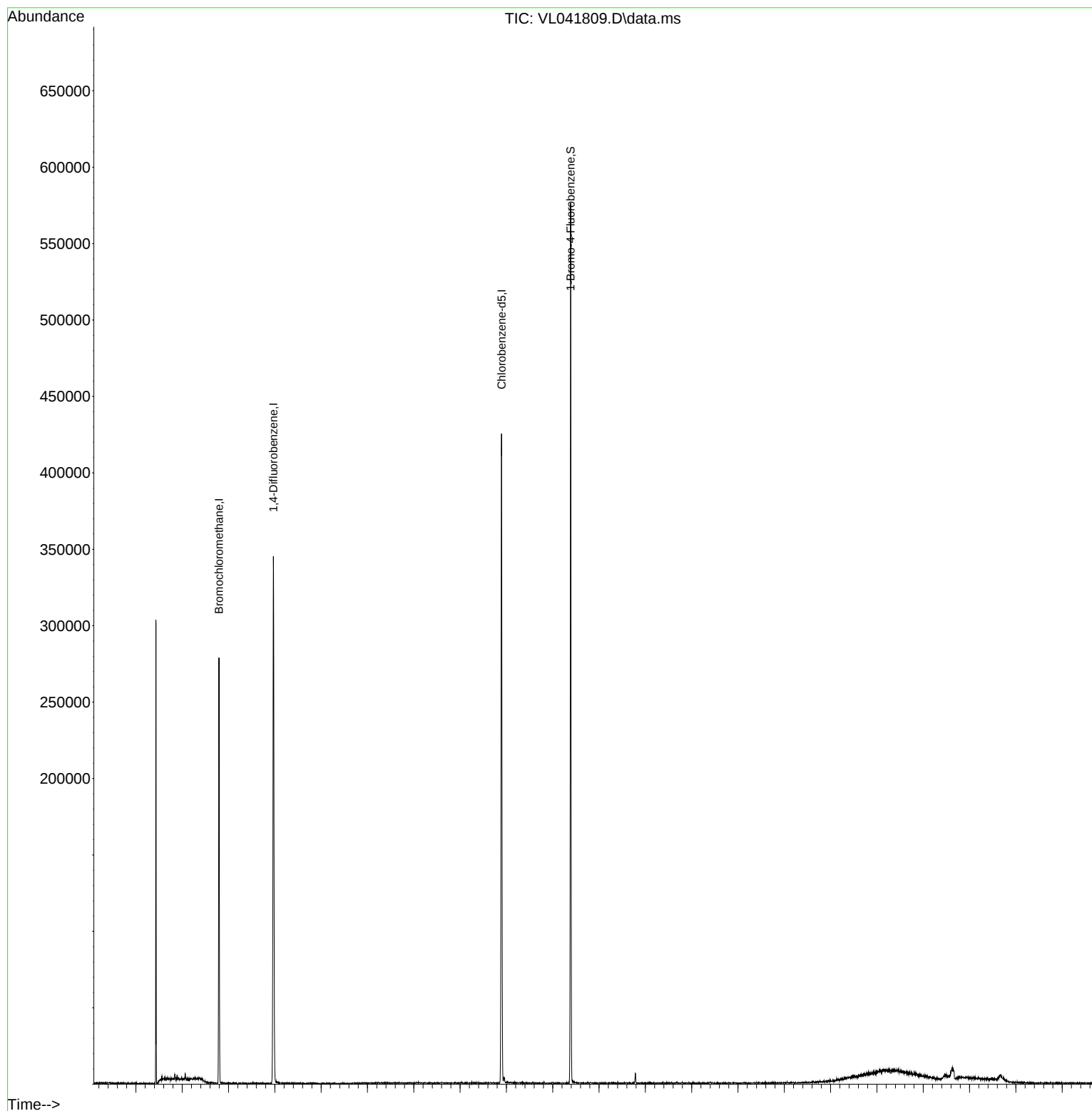
Target Compounds	Qvalue

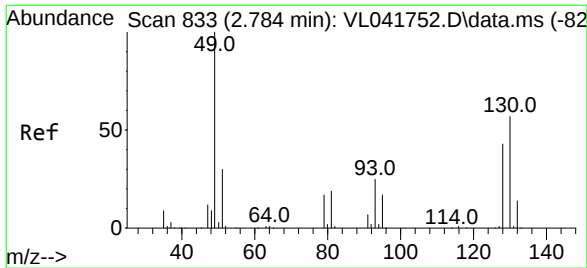
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Bromochloromethane

Concen: 10.000 ppbv

RT: 2.794 min Scan# 833

Delta R.T. 0.010 min

Lab File: VL041809.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

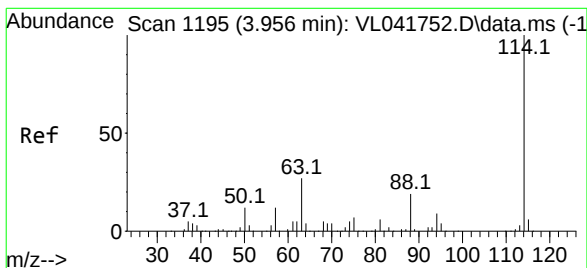
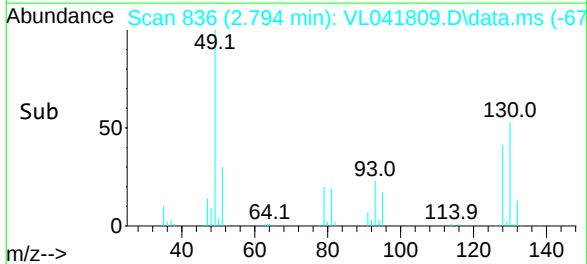
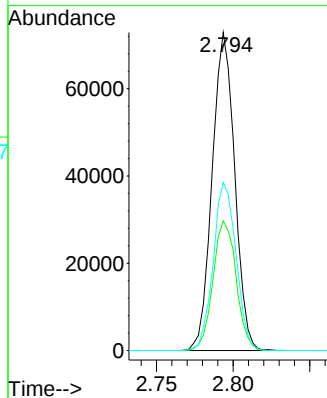
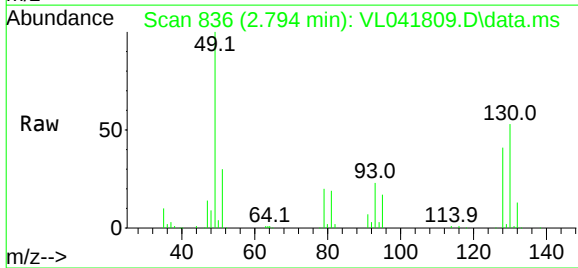
Tgt Ion: 49 Resp: 74451

Ion Ratio Lower Upper

49 100

128 41.9 21.6 64.6

130 53.6 28.3 85.0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.013 min

Lab File: VL041809.D

Acq: 18 Dec 2024 23:40

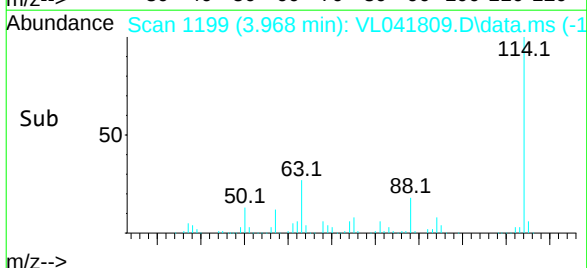
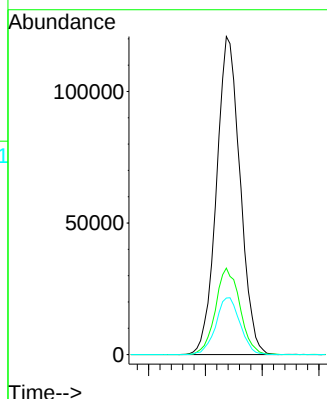
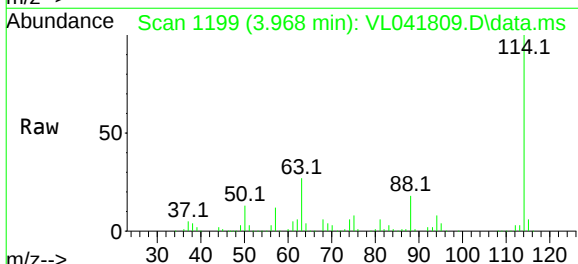
Tgt Ion: 114 Resp: 174576

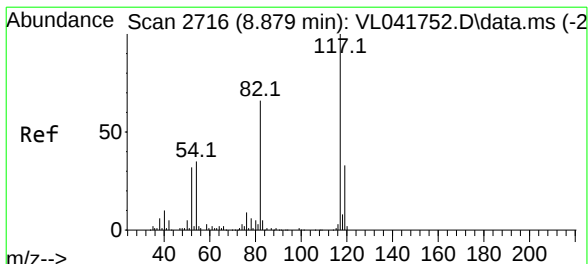
Ion Ratio Lower Upper

114 100

63 28.1 21.8 32.8

88 18.4 14.8 22.2



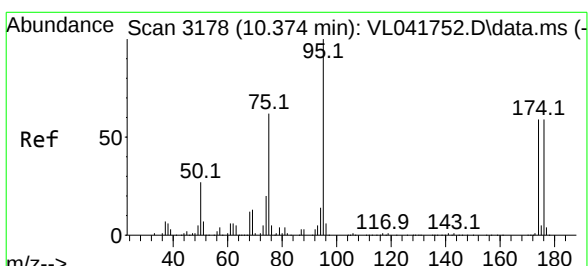
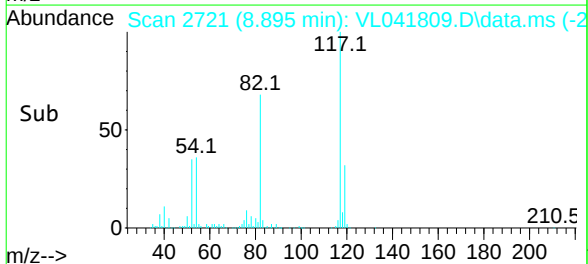
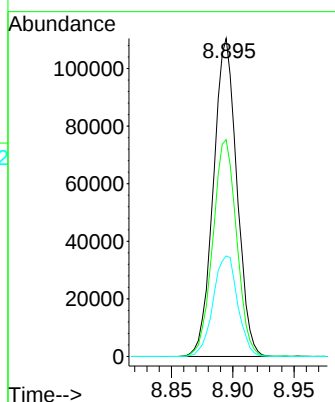
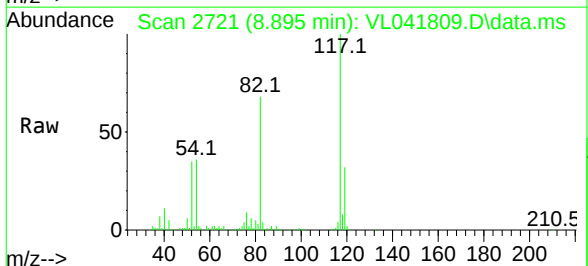


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.895 min Scan# 2716
 Delta R.T. 0.016 min
 Lab File: VL041809.D
 Acq: 18 Dec 2024 23:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 117 Resp: 147066

Ion	Ratio	Lower	Upper
117	100		
82	69.1	53.8	80.8
119	33.1	26.7	40.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.126 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. 0.013 min
 Lab File: VL041809.D
 Acq: 18 Dec 2024 23:40

Tgt Ion: 95 Resp: 124098

Ion	Ratio	Lower	Upper
95	100		
174	56.9	47.6	71.4
175	4.5	3.7	5.5

