

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041796.D
 Acq On : 18 Dec 2024 16:37
 Operator : SY/MD
 Sample : QC121724 CAN 10158
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC121724 CAN 10158

Quant Time: Dec 19 07:56:01 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	2.793	49	73011	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	179409	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.891	117	152308	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.386	95	125911	9.920	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%

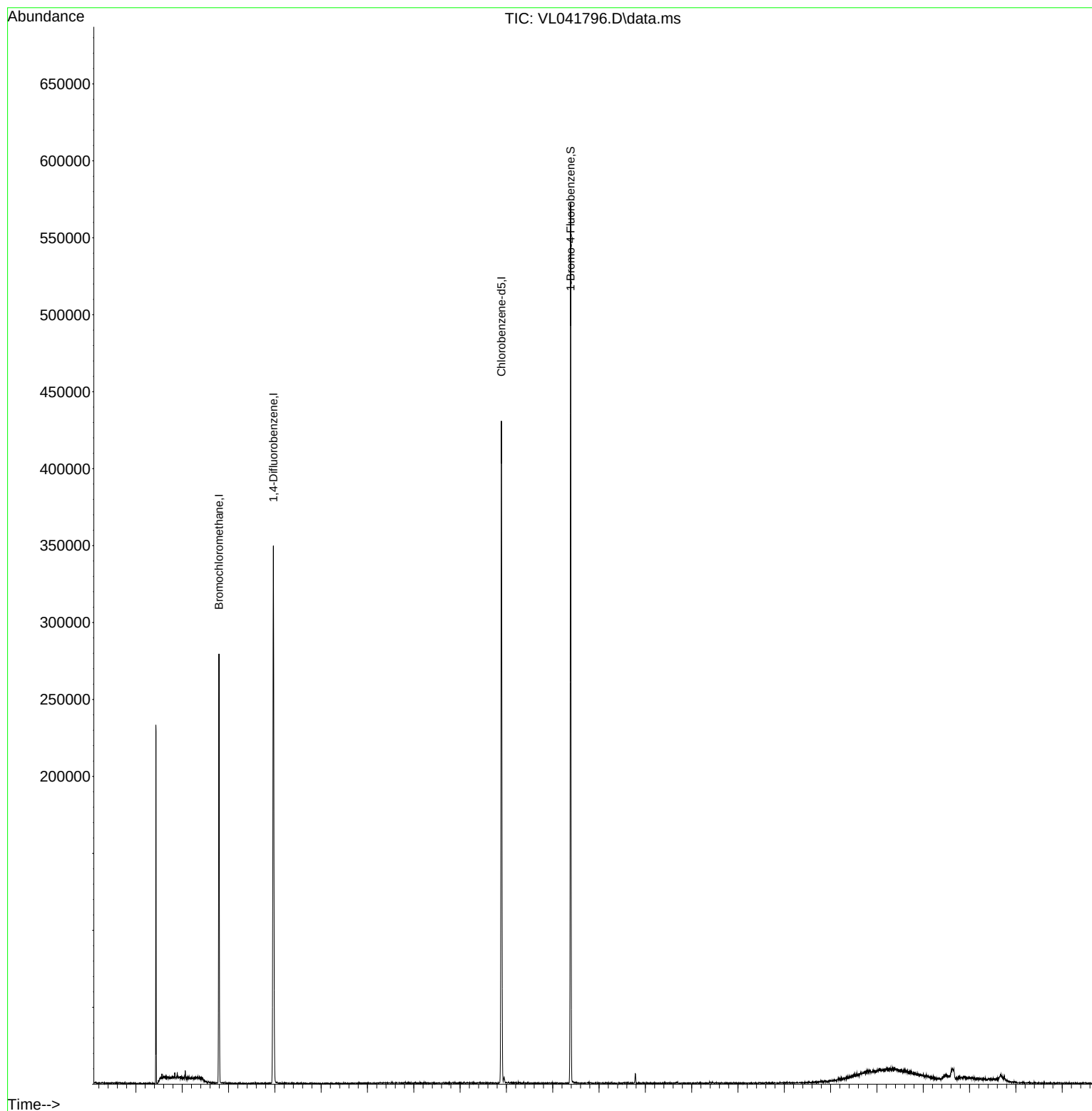
Target Compounds	Qvalue

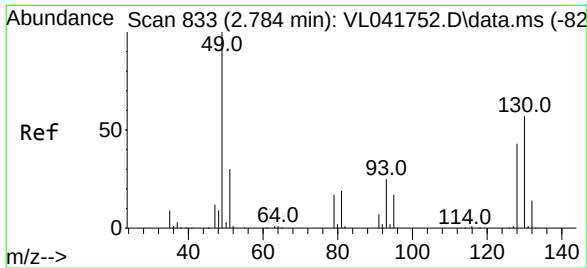
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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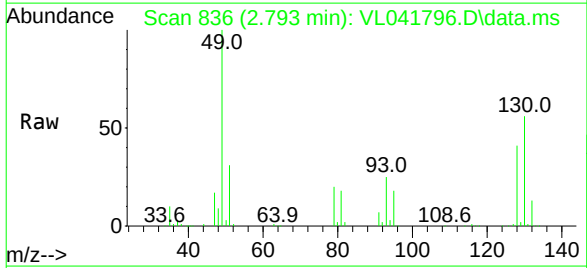
Quant Time: Dec 19 07:56:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
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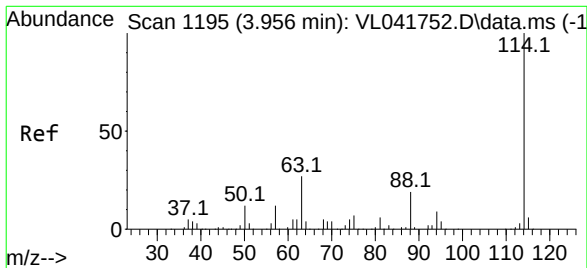
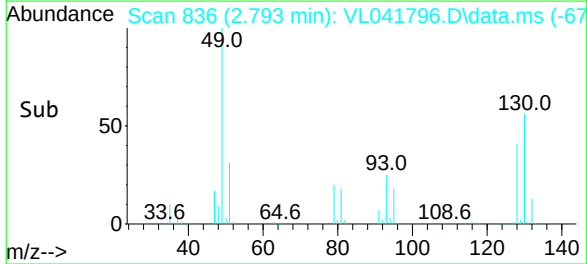
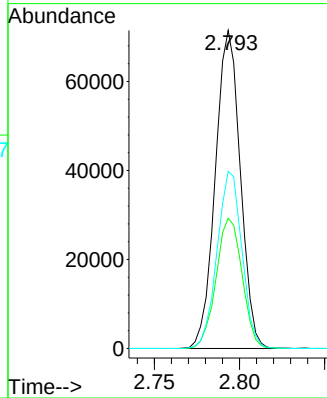


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.793 min Scan# 833
 Delta R.T. 0.009 min
 Lab File: VL041796.D
 Acq: 18 Dec 2024 16:37

Instrument :
 MSVOA_L
 ClientSampleId :
 QC121724 CAN 10158

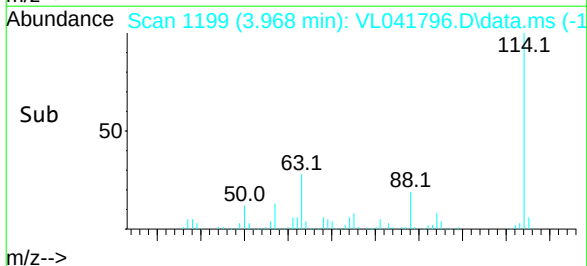
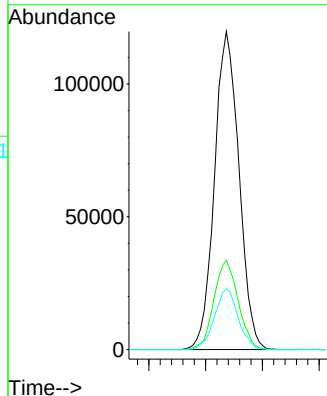
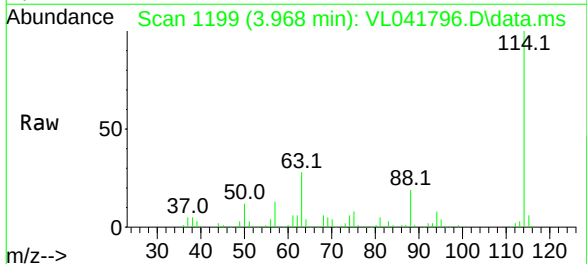


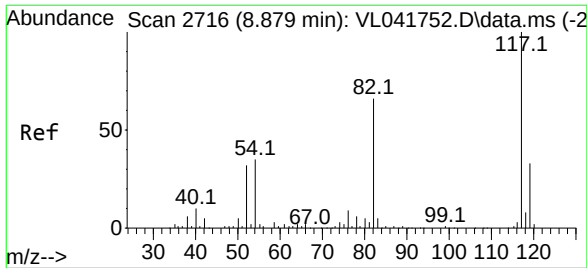
Tgt Ion: 49 Resp: 73011
 Ion Ratio Lower Upper
 49 100
 128 42.5 21.6 64.6
 130 55.3 28.3 85.0



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.968 min Scan# 1199
 Delta R.T. 0.013 min
 Lab File: VL041796.D
 Acq: 18 Dec 2024 16:37

Tgt Ion: 114 Resp: 179409
 Ion Ratio Lower Upper
 114 100
 63 27.8 21.8 32.8
 88 18.5 14.8 22.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2716

Delta R.T. 0.013 min

Lab File: VL041796.D

Acq: 18 Dec 2024 16:37

Instrument :

MSVOA_L

ClientSampleId :

QC121724 CAN 10158

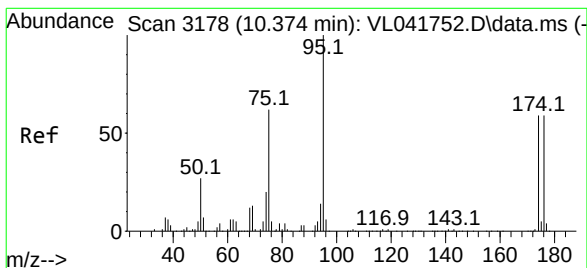
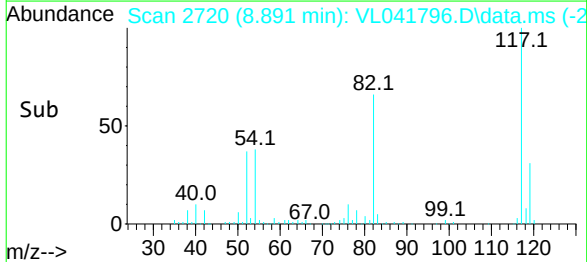
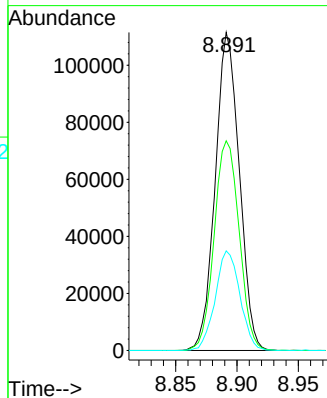
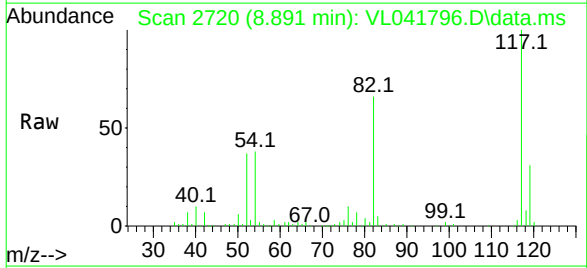
Tgt Ion:117 Resp: 152308

Ion Ratio Lower Upper

117 100

82 68.5 53.8 80.8

119 32.2 26.7 40.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.920 ppbv

RT: 10.386 min Scan# 3182

Delta R.T. 0.013 min

Lab File: VL041796.D

Acq: 18 Dec 2024 16:37

Tgt Ion: 95 Resp: 125911

Ion Ratio Lower Upper

95 100

174 58.6 47.6 71.4

175 4.6 3.7 5.5

