

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041790.D
 Acq On : 18 Dec 2024 12:28
 Operator : SY/MD
 Sample : VL1218ABL02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1218ABL02

Quant Time: Dec 19 07:52:46 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	70249	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	175356	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	151060	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.383	95	127683	10.143	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%

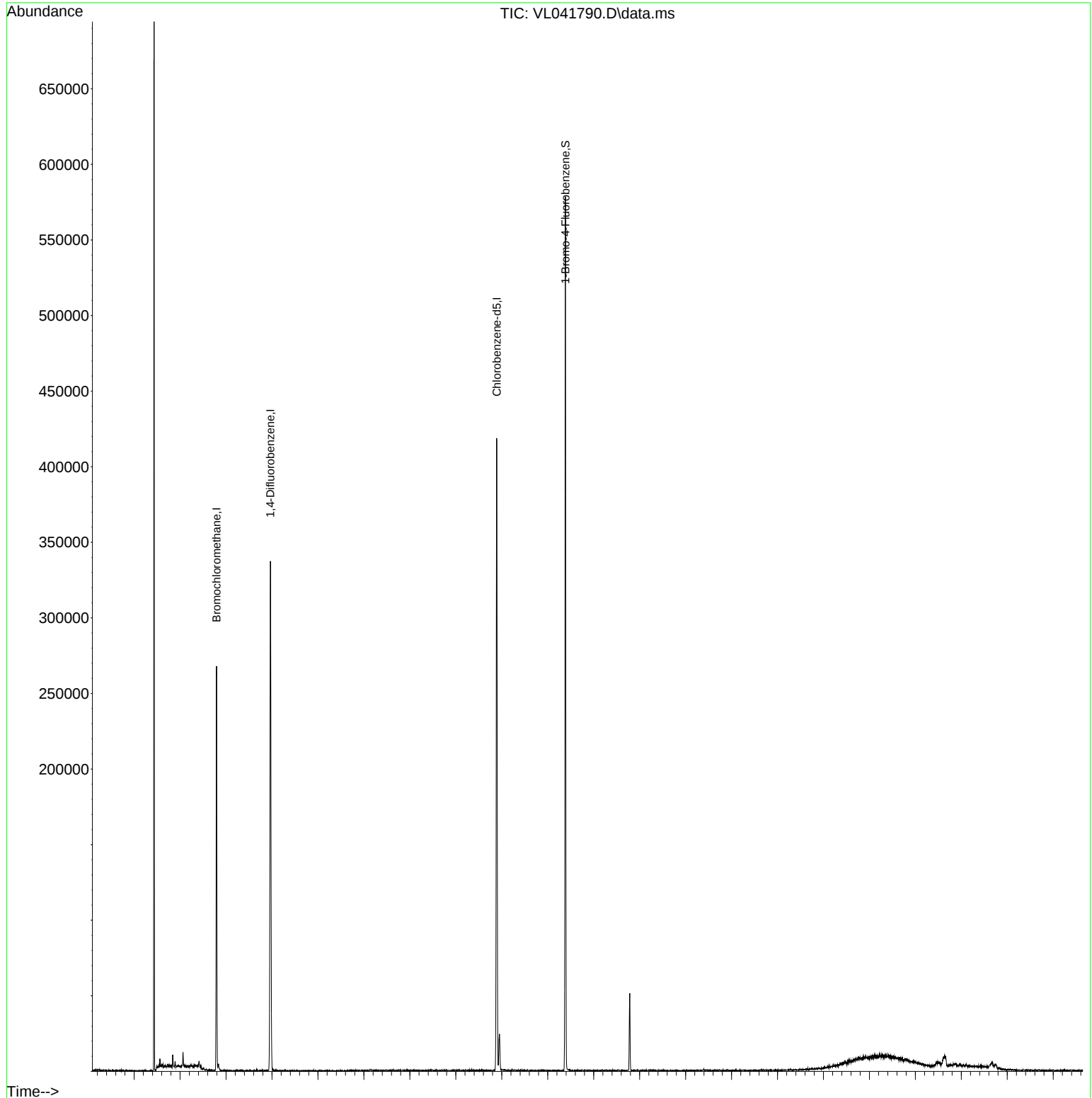
Target Compounds	Qvalue

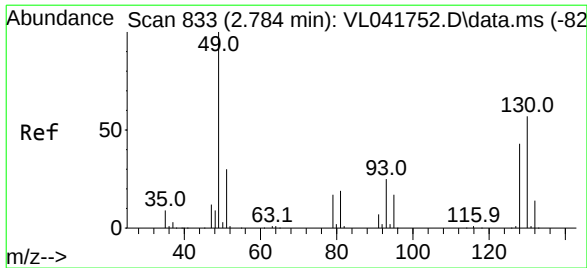
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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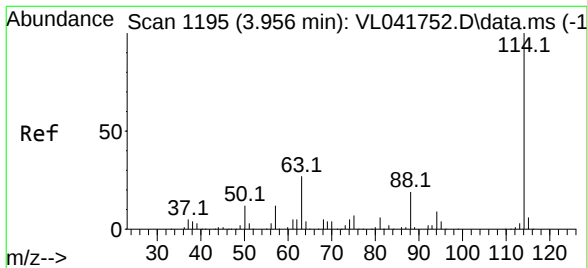
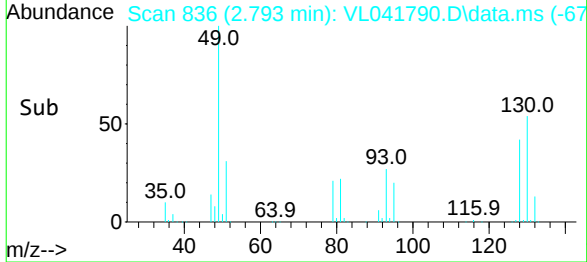
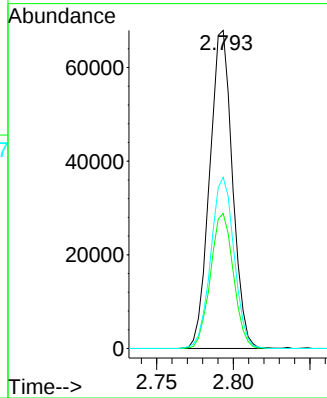
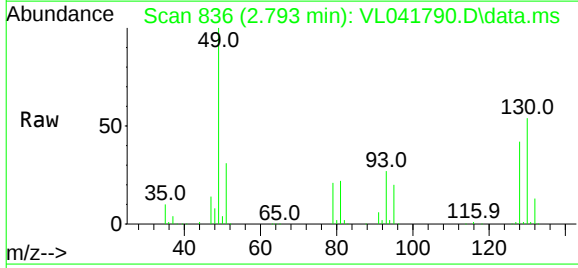




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.793 min Scan# 83
 Delta R.T. 0.009 min
 Lab File: VL041790.D
 Acq: 18 Dec 2024 12:28

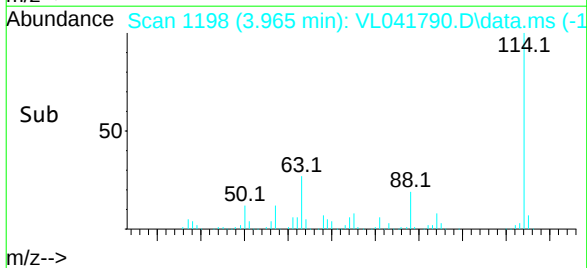
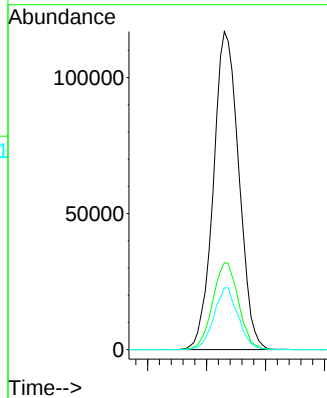
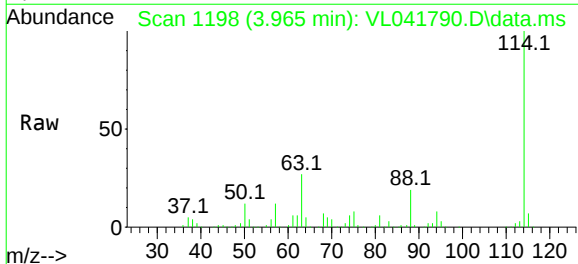
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1218ABL02

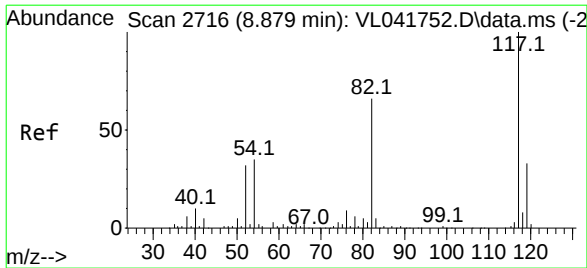
Tgt Ion: 49 Resp: 70249
 Ion Ratio Lower Upper
 49 100
 128 42.7 21.6 64.6
 130 55.0 28.3 85.0



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.965 min Scan# 1198
 Delta R.T. 0.009 min
 Lab File: VL041790.D
 Acq: 18 Dec 2024 12:28

Tgt Ion: 114 Resp: 175356
 Ion Ratio Lower Upper
 114 100
 63 27.7 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: VL041790.D

Acq: 18 Dec 2024 12:28

Instrument :

MSVOA_L

ClientSampleId :

VL1218ABL02

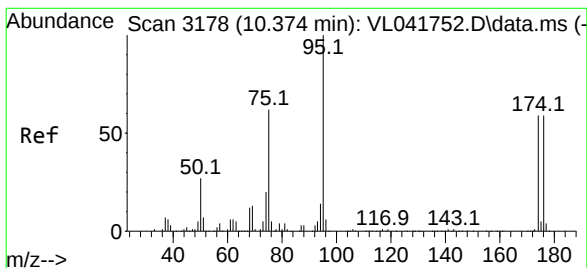
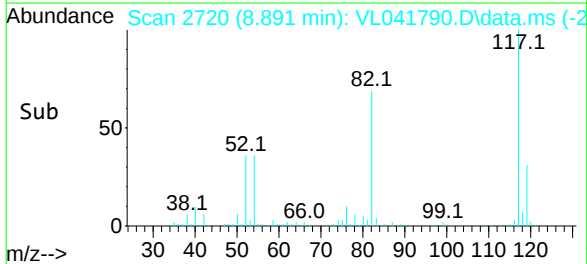
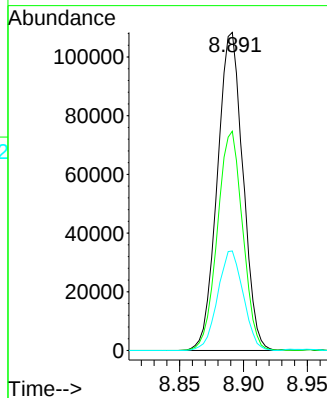
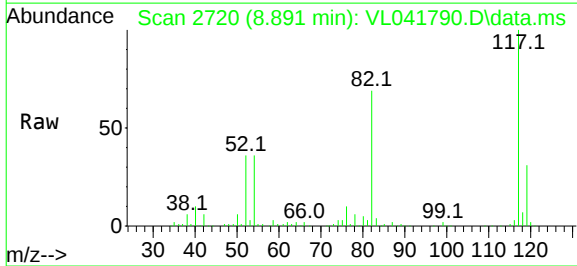
Tgt Ion:117 Resp: 151060

Ion Ratio Lower Upper

117 100

82 68.3 53.8 80.8

119 31.4 26.7 40.1



#68

1-Bromo-4-Fluorobenzene

Concen: 10.143 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. 0.009 min

Lab File: VL041790.D

Acq: 18 Dec 2024 12:28

Tgt Ion: 95 Resp: 127683

Ion Ratio Lower Upper

95 100

174 57.4 47.6 71.4

175 4.6 3.7 5.5

