

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042510.D
 Acq On : 07 May 2025 10:23
 Operator : SY/MD
 Sample : VL0507ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0507ABL01

Quant Time: May 08 01:22:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	79817	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	208633	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.891	117	175649	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	151693	9.315	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.100%

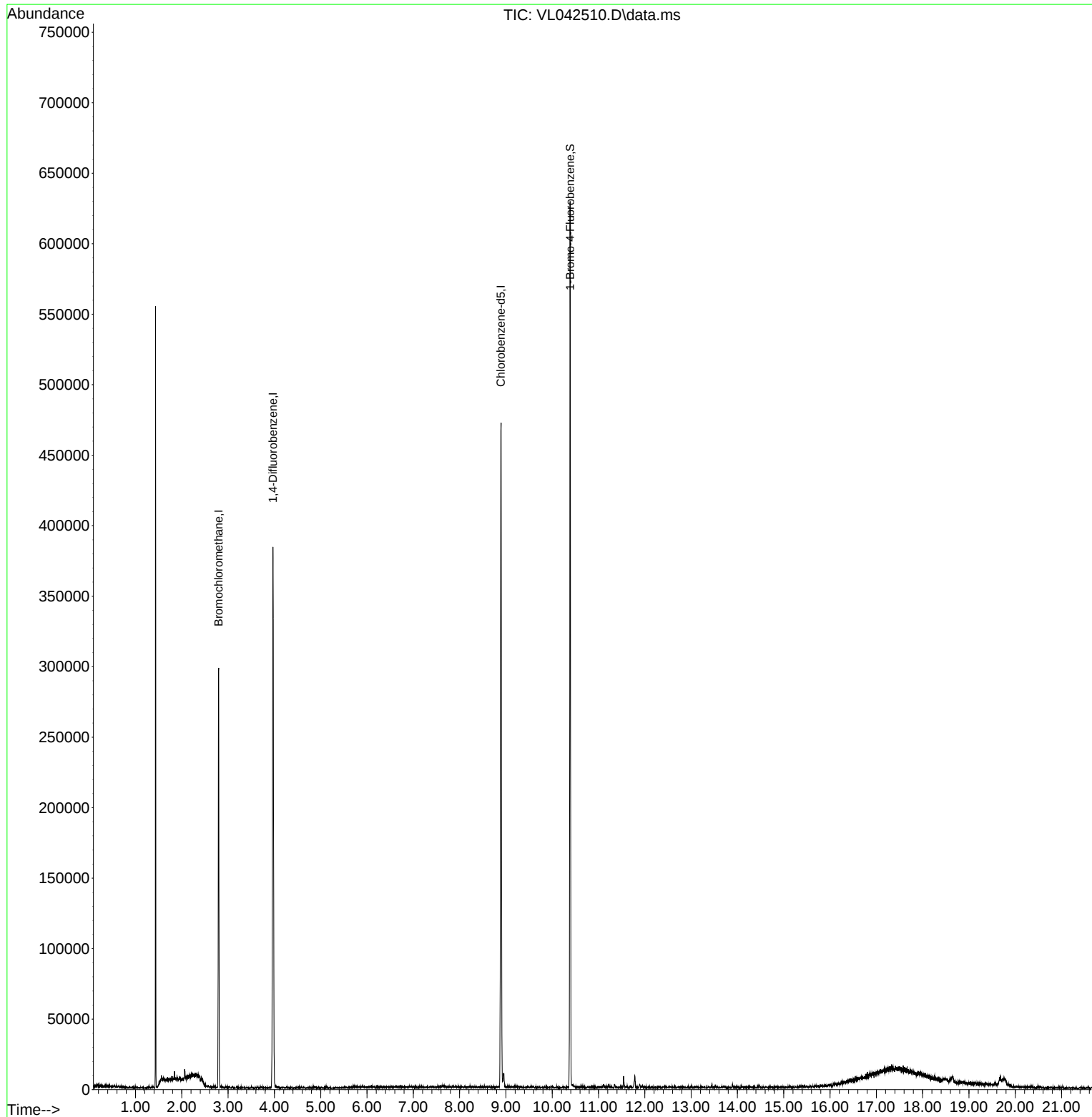
Target Compounds	Qvalue

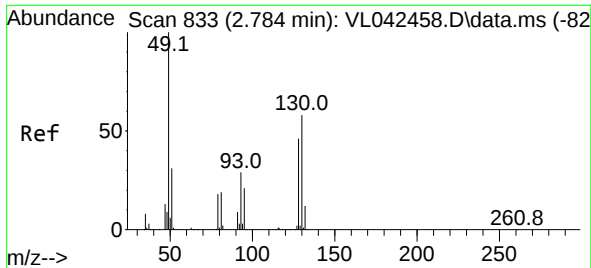
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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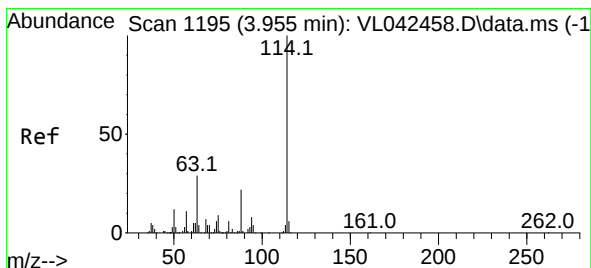
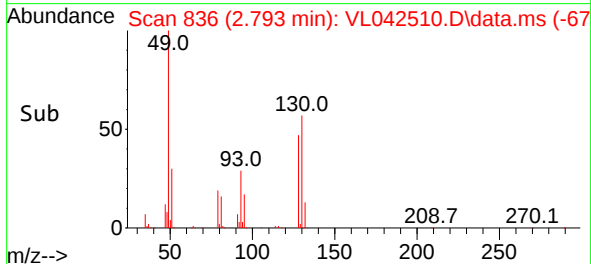
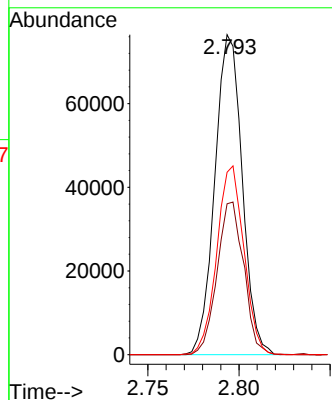
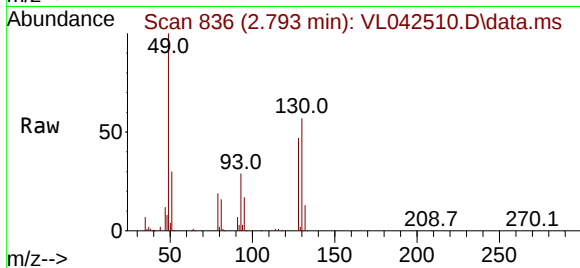




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.009 min
Lab File: VL042510.D
Acq: 07 May 2025 10:23

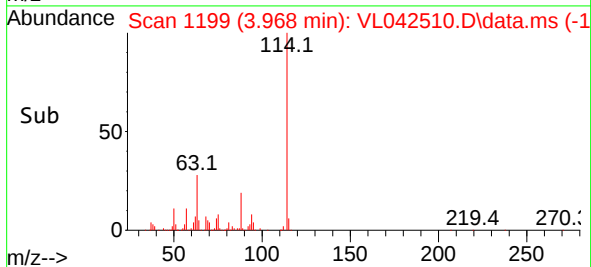
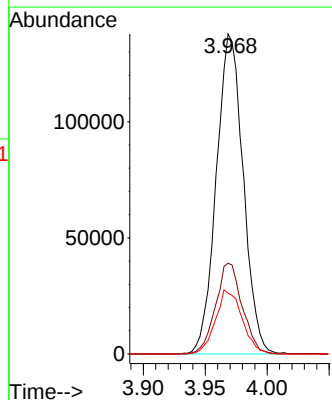
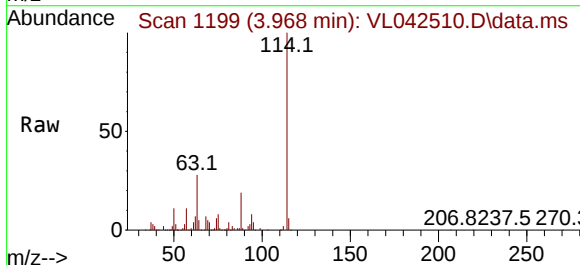
Instrument :
MSVOA_1
ClientSampleId :
VL0507ABL01

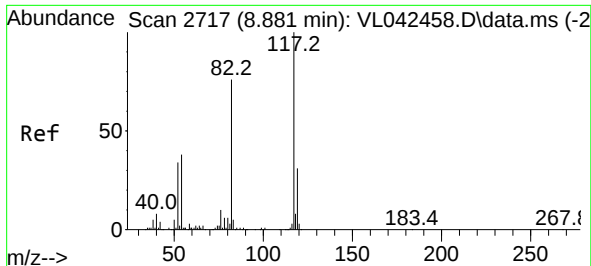
Tgt Ion: 49 Resp: 79817
Ion Ratio Lower Upper
49 100
128 46.5 23.3 69.9
130 58.5 29.5 88.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. 0.013 min
Lab File: VL042510.D
Acq: 07 May 2025 10:23

Tgt Ion: 114 Resp: 208633
Ion Ratio Lower Upper
114 100
63 28.0 23.1 34.7
88 19.8 16.1 24.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL042510.D

Acq: 07 May 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VL0507ABL01

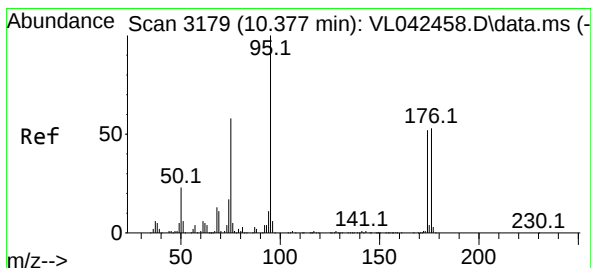
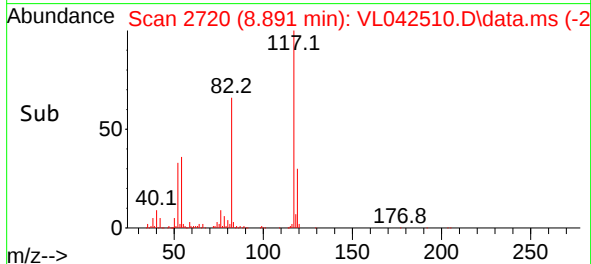
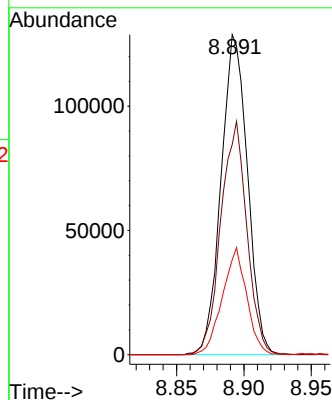
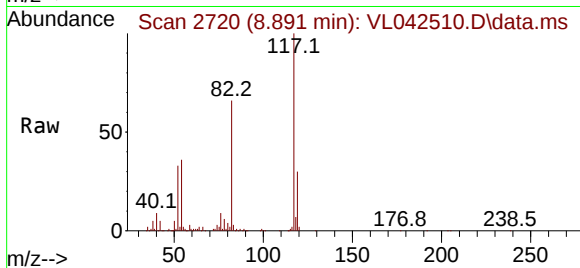
Tgt Ion:117 Resp: 175649

Ion Ratio Lower Upper

117 100

82 71.8 63.5 95.3

119 30.9 25.8 38.8



#68

1-Bromo-4-Fluorobenzene

Concen: 9.315 ppbv

RT: 10.387 min Scan# 3182

Delta R.T. 0.010 min

Lab File: VL042510.D

Acq: 07 May 2025 10:23

Tgt Ion: 95 Resp: 151693

Ion Ratio Lower Upper

95 100

174 53.8 42.7 64.1

175 4.2 3.6 5.4

