

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070325\
 Data File : VL042700.D
 Acq On : 03 Jul 2025 09:22
 Operator : SY/MD
 Sample : VL0703ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0703ABL01

Quant Time: Jul 04 03:54:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 03 01:50:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	115394	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	287579	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.892	117	245420	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	184194	9.758	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.600%

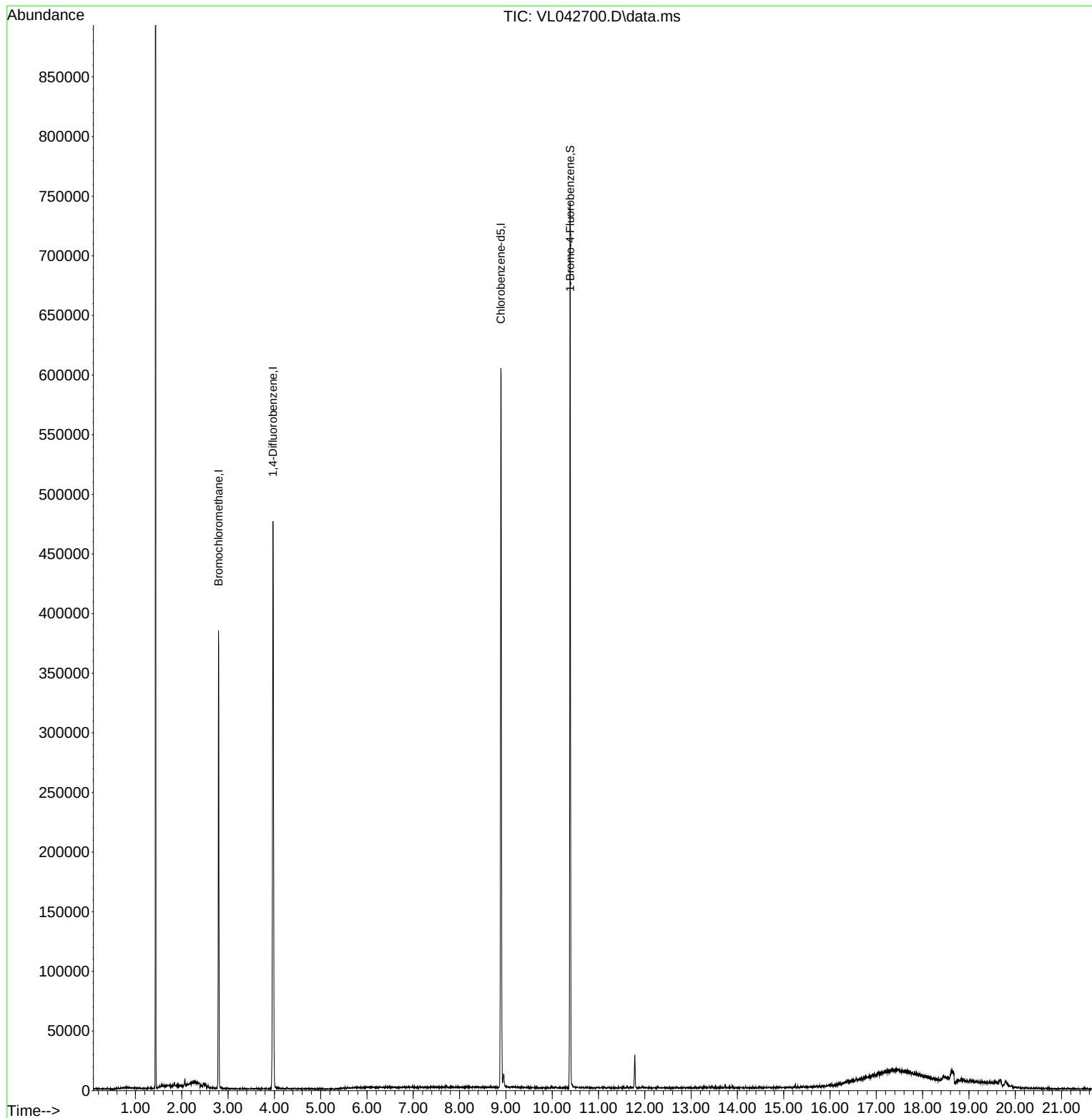
Target Compounds	Qvalue

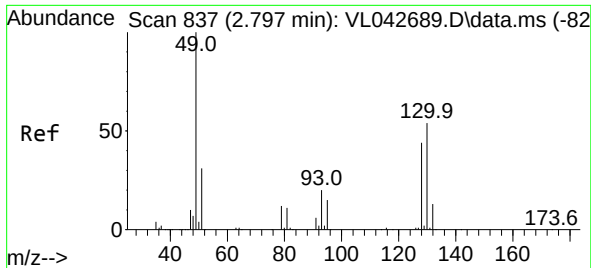
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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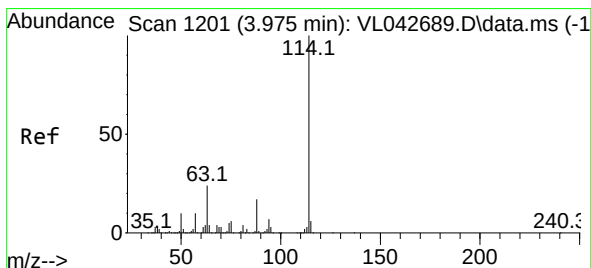
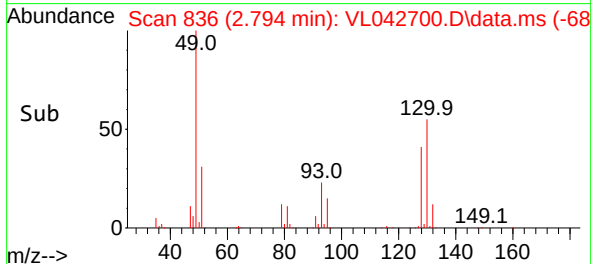
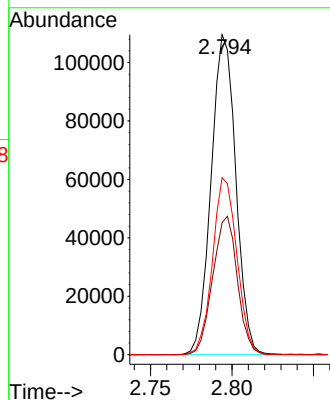
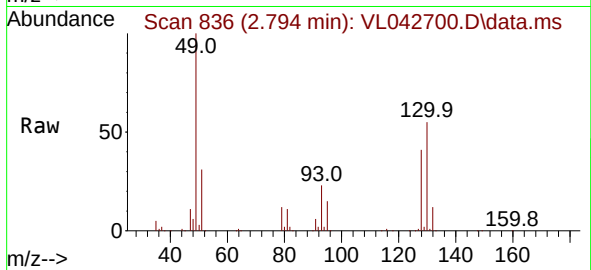




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042700.D
Acq: 03 Jul 2025 09:22

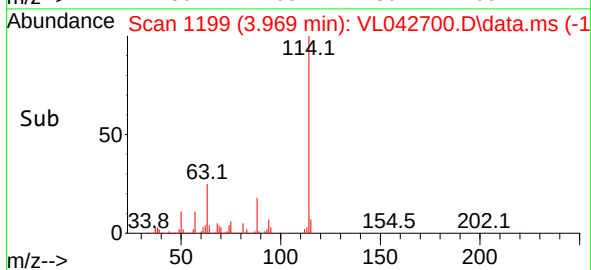
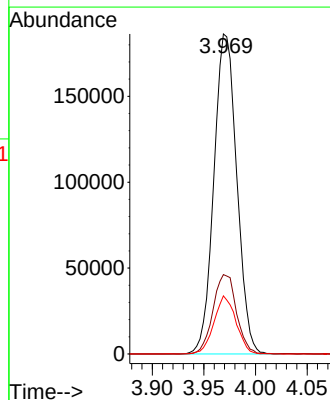
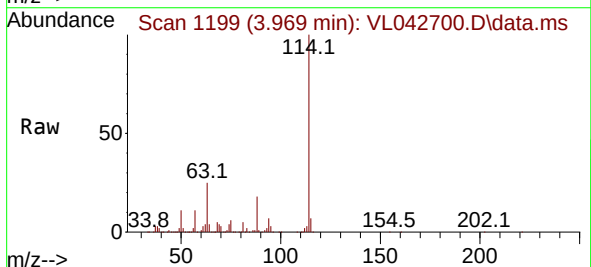
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABL01

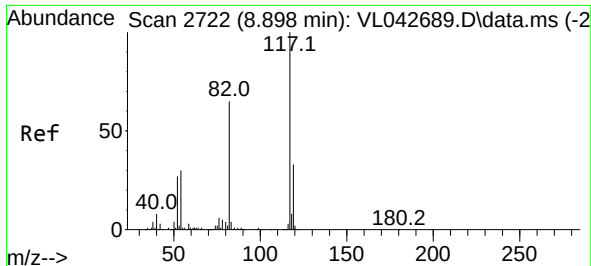
Tgt Ion: 49 Resp: 115394
Ion Ratio Lower Upper
49 100
128 43.1 21.4 64.2
130 54.7 28.0 84.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.969 min Scan# 1199
Delta R.T. -0.006 min
Lab File: VL042700.D
Acq: 03 Jul 2025 09:22

Tgt Ion: 114 Resp: 287579
Ion Ratio Lower Upper
114 100
63 25.5 20.4 30.6
88 17.5 14.2 21.2

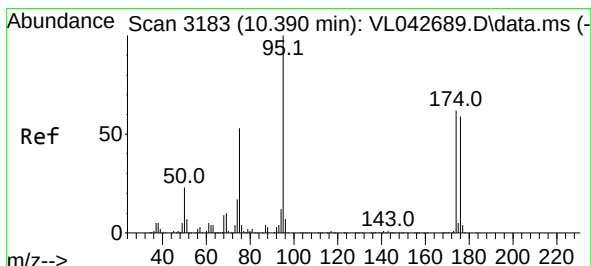
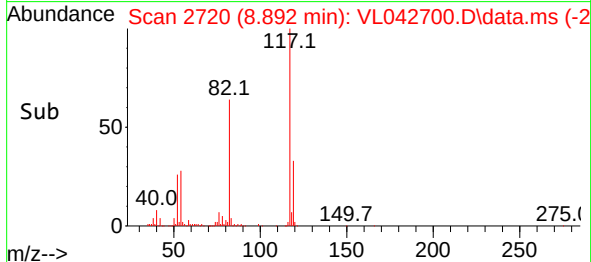
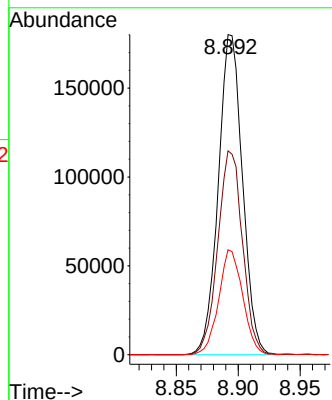
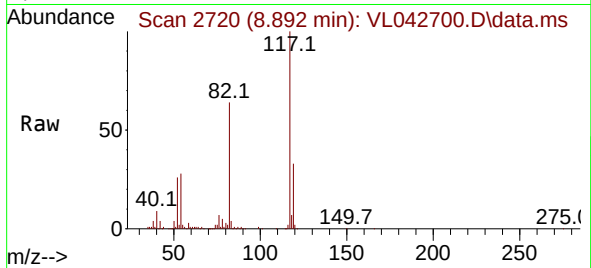




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.892 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042700.D
Acq: 03 Jul 2025 09:22

Instrument :
MSVOA_L
ClientSampleId :
VL0703ABL01

Tgt Ion:117 Resp: 245420
Ion Ratio Lower Upper
117 100
82 64.9 53.4 80.2
119 32.7 26.6 39.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.758 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VL042700.D
Acq: 03 Jul 2025 09:22

Tgt Ion: 95 Resp: 184194
Ion Ratio Lower Upper
95 100
174 64.6 51.2 76.8
175 4.7 3.8 5.8

