

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070325\
 Data File : VL042703.D
 Acq On : 03 Jul 2025 11:10
 Operator : SY/MD
 Sample : QC070225 CAN 10311
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC070225 CAN 10311

Quant Time: Jul 04 03:55:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	113245	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	270763	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	233909	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	174467	9.697	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.000%

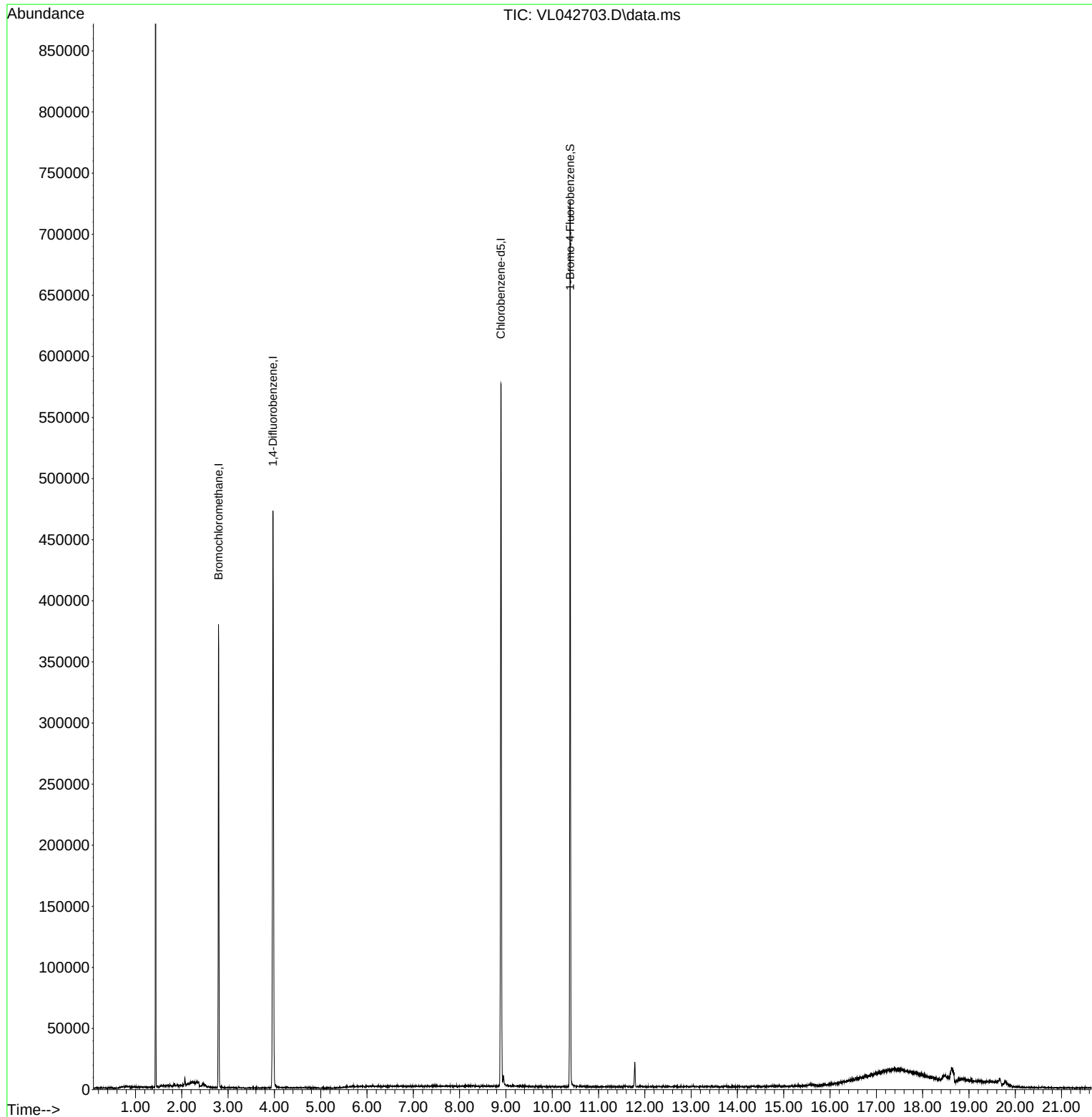
Target Compounds	Qvalue

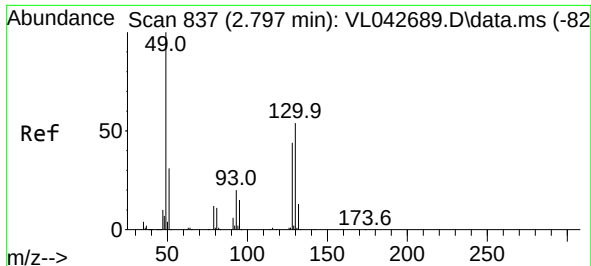
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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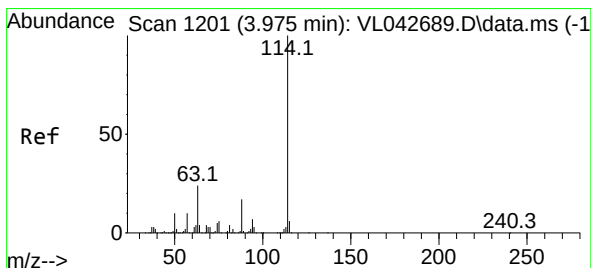
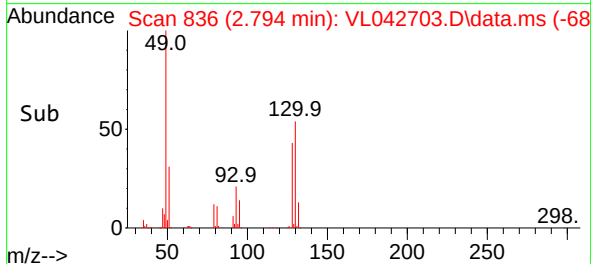
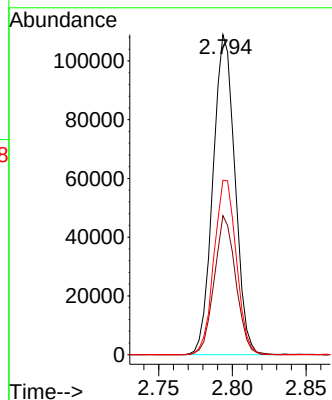
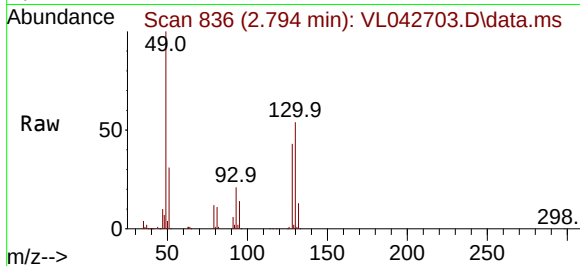




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042703.D
Acq: 03 Jul 2025 11:10

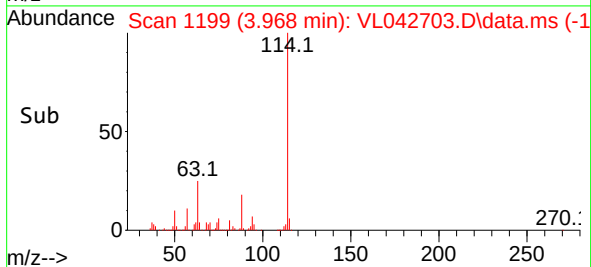
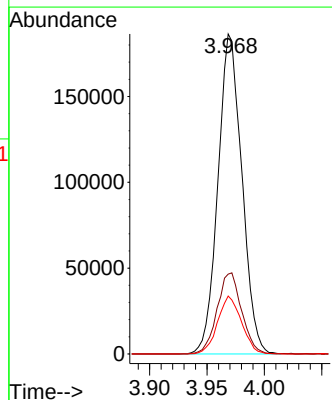
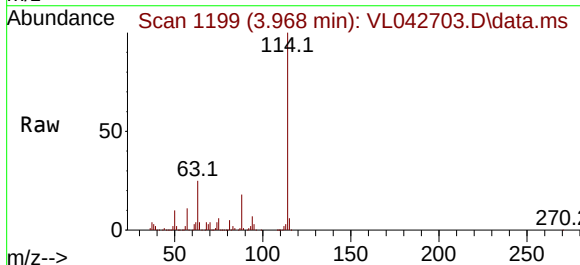
Instrument :
MSVOA_L
ClientSampleId :
QC070225 CAN 10311

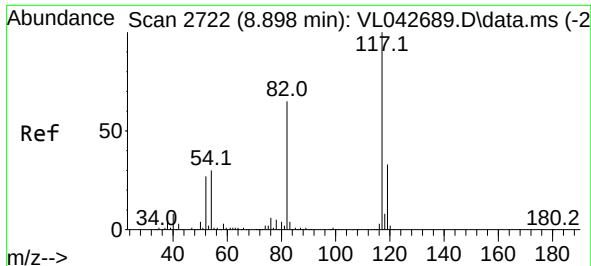
Tgt Ion: 49 Resp: 113245
Ion Ratio Lower Upper
49 100
128 42.3 21.4 64.2
130 55.3 28.0 84.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. -0.006 min
Lab File: VL042703.D
Acq: 03 Jul 2025 11:10

Tgt Ion: 114 Resp: 270763
Ion Ratio Lower Upper
114 100
63 26.0 20.4 30.6
88 18.0 14.2 21.2

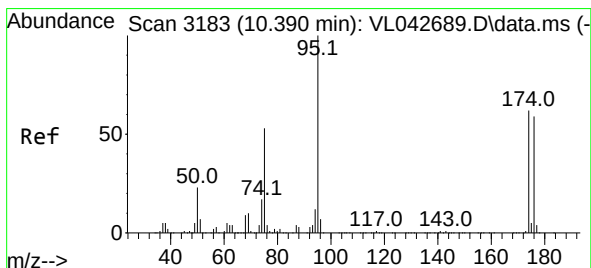
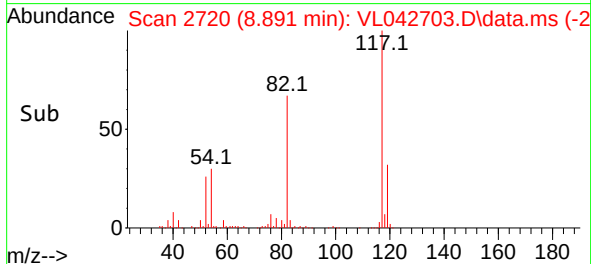
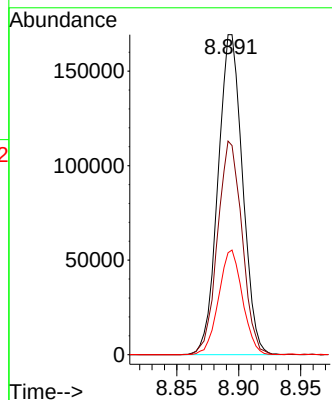
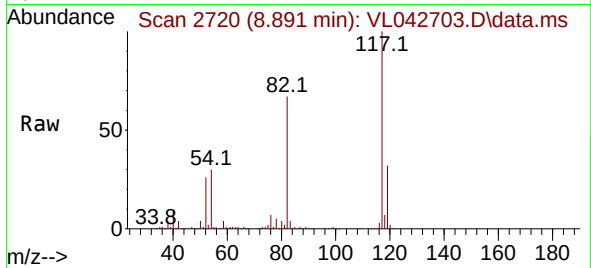




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042703.D
Acq: 03 Jul 2025 11:10

Instrument :
MSVOA_L
ClientSampleId :
QC070225 CAN 10311

Tgt Ion:117 Resp: 233909
Ion Ratio Lower Upper
117 100
82 66.6 53.4 80.2
119 31.8 26.6 39.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.697 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VL042703.D
Acq: 03 Jul 2025 11:10

Tgt Ion: 95 Resp: 174467
Ion Ratio Lower Upper
95 100
174 64.3 51.2 76.8
175 4.5 3.8 5.8

