

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
 Data File : VL042991.D
 Acq On : 23 Sep 2025 14:37
 Operator : SY/MD
 Sample : CAN 10743
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10743

Quant Time: Sep 24 02:08:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 23 02:39:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	150038	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	400893	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.891	117	357176	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.383	95	279312	10.476	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.800%

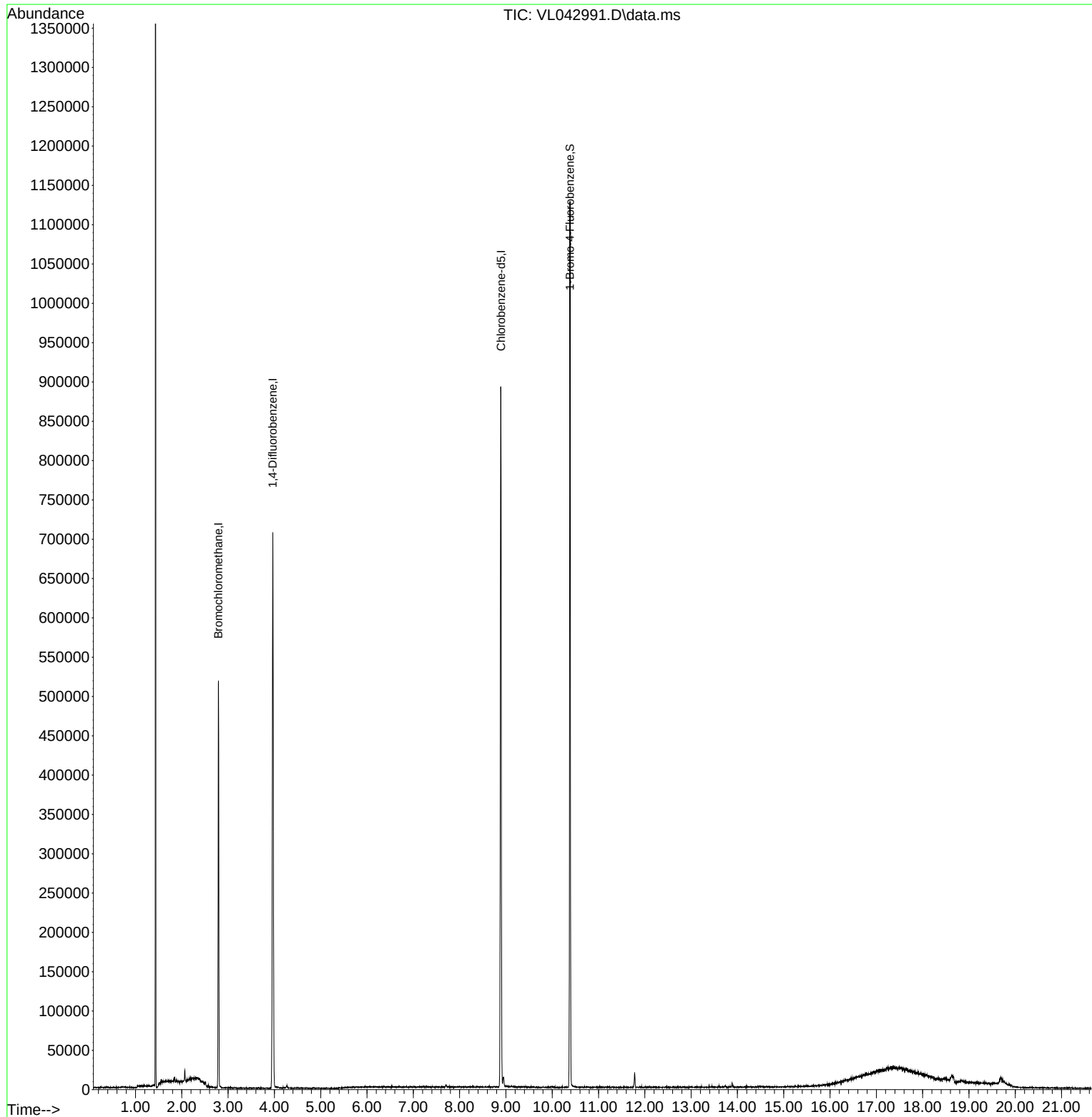
Target Compounds	Qvalue

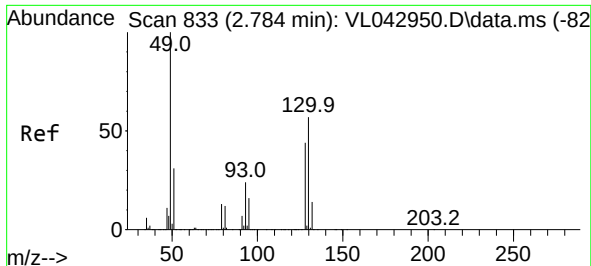
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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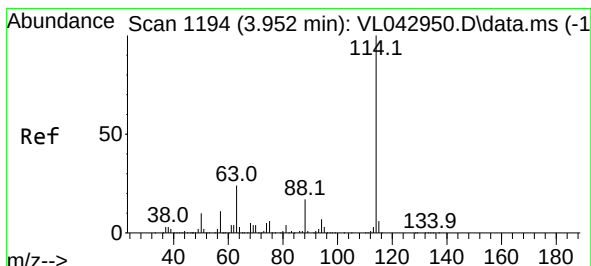
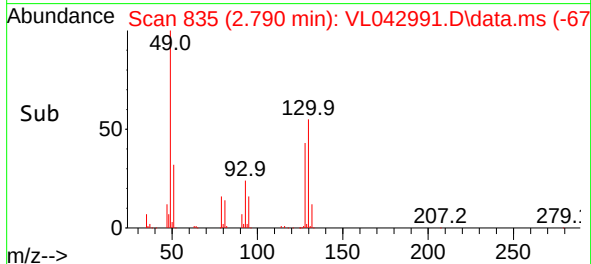
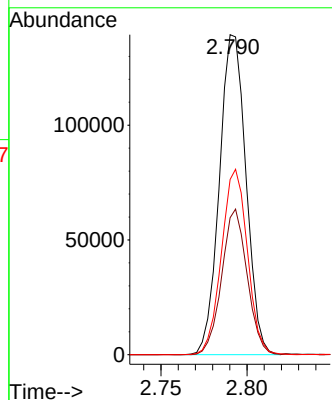
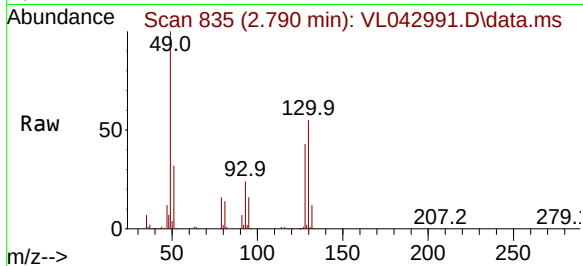




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042991.D
Acq: 23 Sep 2025 14:37

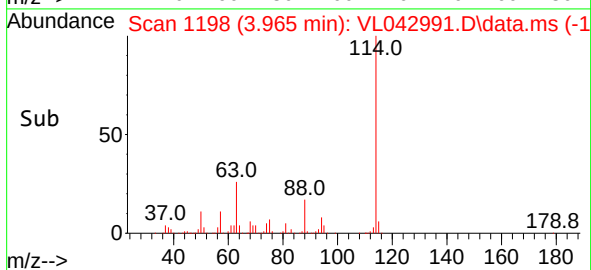
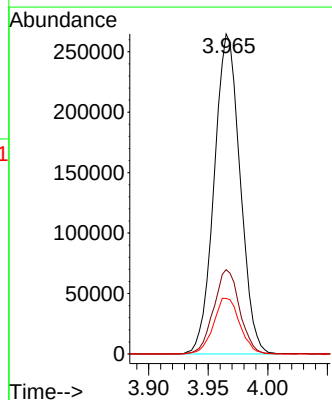
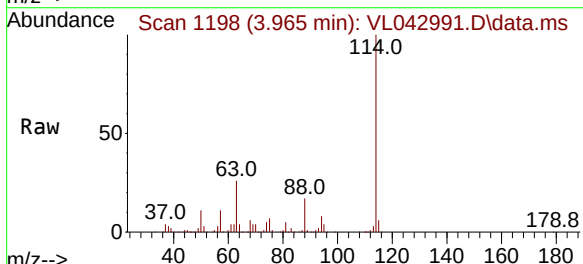
Instrument :
MSVOA_L
ClientSampleId :
CAN 10743

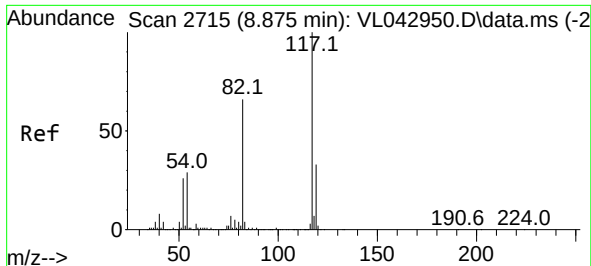
Tgt Ion: 49 Resp: 150038
Ion Ratio Lower Upper
49 100
128 43.6 22.9 68.8
130 56.5 29.1 87.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.013 min
Lab File: VL042991.D
Acq: 23 Sep 2025 14:37

Tgt Ion: 114 Resp: 400893
Ion Ratio Lower Upper
114 100
63 26.3 19.4 29.2
88 17.7 14.2 21.2

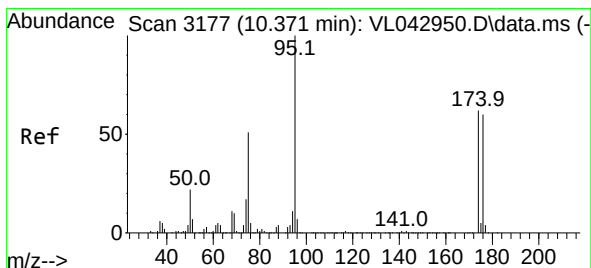
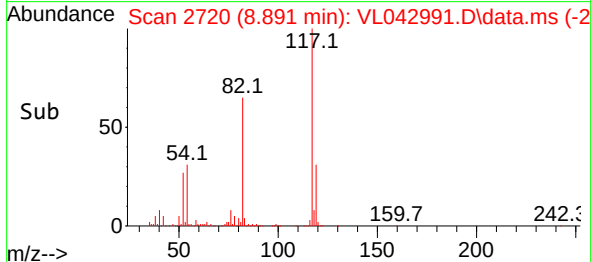
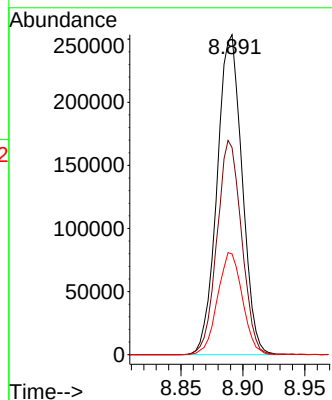
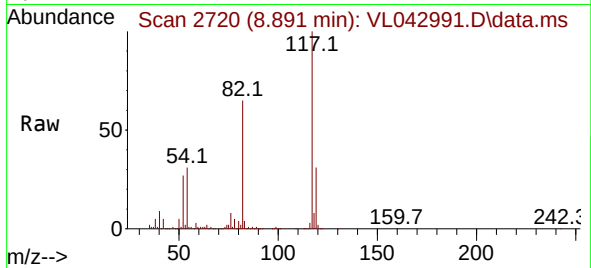




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL042991.D
Acq: 23 Sep 2025 14:37

Instrument :
MSVOA_L
ClientSampleId :
CAN 10743

Tgt Ion:117 Resp: 357176
Ion Ratio Lower Upper
117 100
82 65.9 52.8 79.2
119 31.8 26.5 39.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.476 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.013 min
Lab File: VL042991.D
Acq: 23 Sep 2025 14:37

Tgt Ion: 95 Resp: 279312
Ion Ratio Lower Upper
95 100
174 59.7 51.4 77.2
175 4.4 4.0 6.0

