

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101725\
 Data File : VL043134.D
 Acq On : 17 Oct 2025 10:21
 Operator : SY/MD
 Sample : QC101625 CAN 10604
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC101625 CAN 10604

Quant Time: Oct 18 04:33:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	88837	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	282277	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	241071	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.377	95	195134	10.414	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.100%

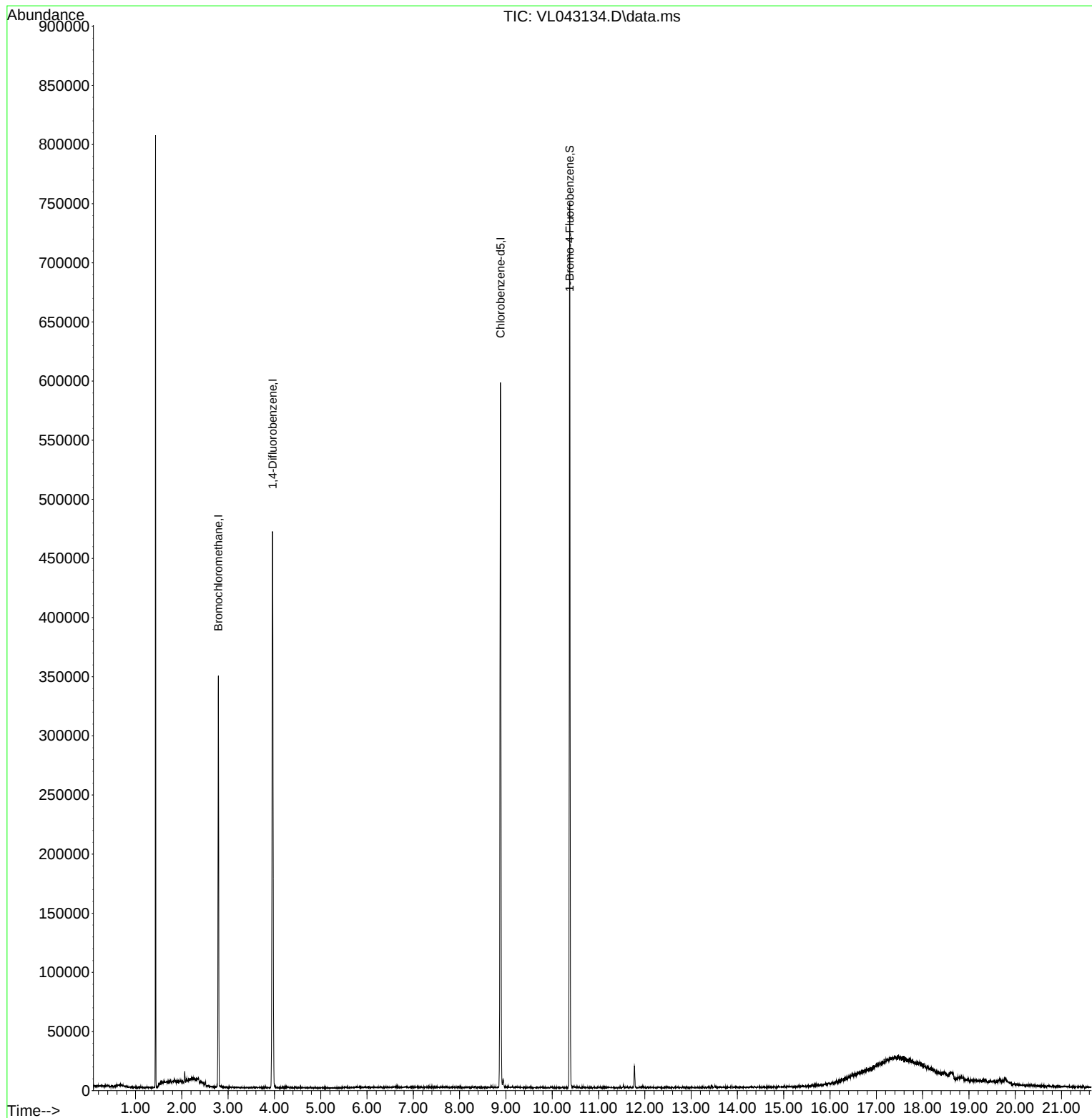
Target Compounds	Qvalue

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

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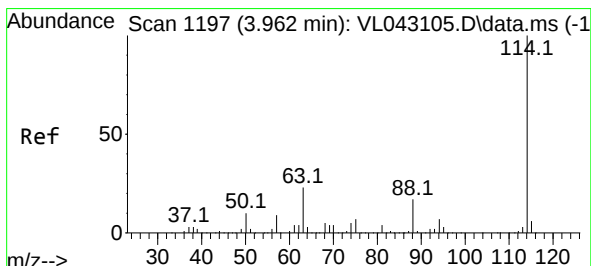
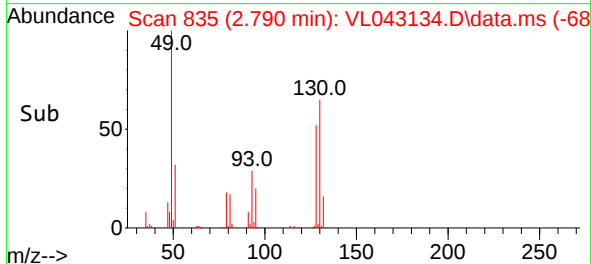
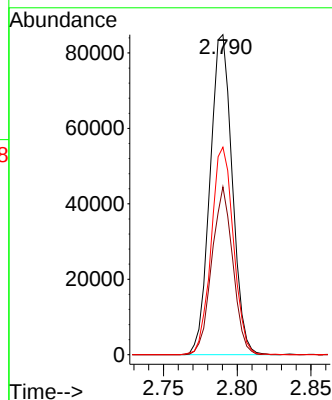
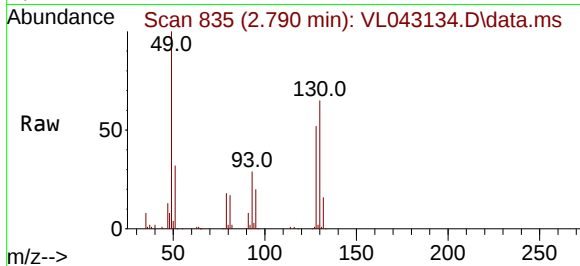




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL043134.D
Acq: 17 Oct 2025 10:21

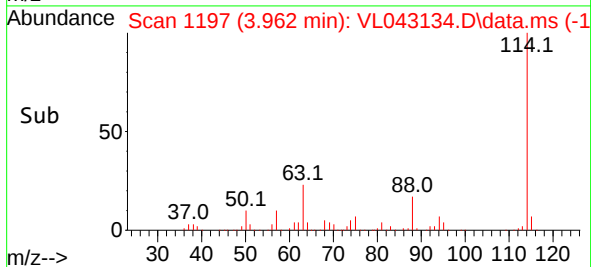
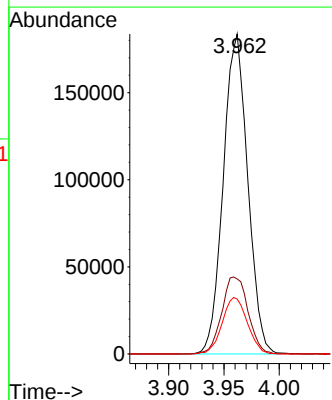
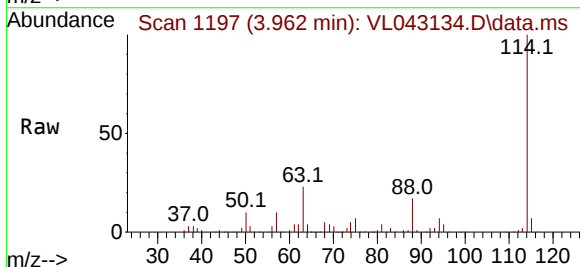
Instrument :
MSVOA_1
ClientSampleId :
QC101625 CAN 10604

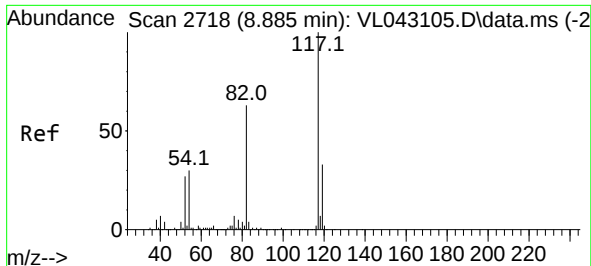
Tgt Ion: 49 Resp: 88837
Ion Ratio Lower Upper
49 100
128 49.5 24.4 73.4
130 65.0 31.0 93.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.000 min
Lab File: VL043134.D
Acq: 17 Oct 2025 10:21

Tgt Ion: 114 Resp: 282277
Ion Ratio Lower Upper
114 100
63 25.9 19.3 28.9
88 18.2 13.9 20.9

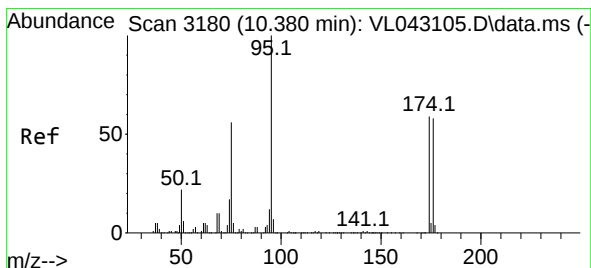
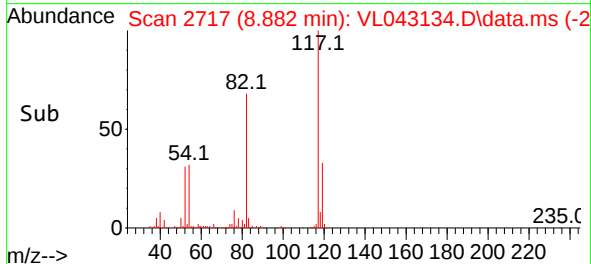
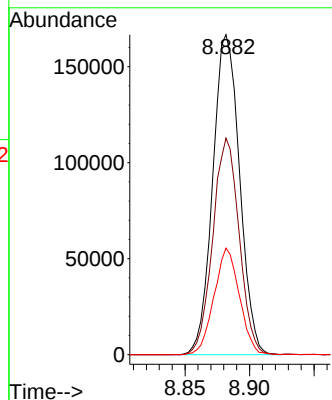
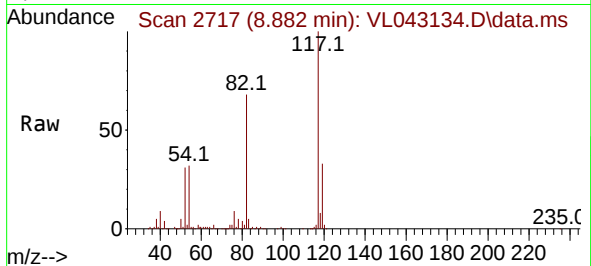




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL043134.D
Acq: 17 Oct 2025 10:21

Instrument :
MSVOA_L
ClientSampleId :
QC101625 CAN 10604

Tgt Ion:117 Resp: 241071
Ion Ratio Lower Upper
117 100
82 66.4 53.8 80.8
119 31.7 25.4 38.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.414 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. -0.003 min
Lab File: VL043134.D
Acq: 17 Oct 2025 10:21

Tgt Ion: 95 Resp: 195134
Ion Ratio Lower Upper
95 100
174 57.4 48.3 72.5
175 4.1 3.8 5.8

