

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042988.D
Acq On : 23 Sep 2025 12:50
Operator : SY/MD
Sample : CAN 10684
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10684

Quant Time: Sep 24 02:07:31 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	2.787	49	150626	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	414249	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	367143	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.380	95	285271	10.409	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.100%

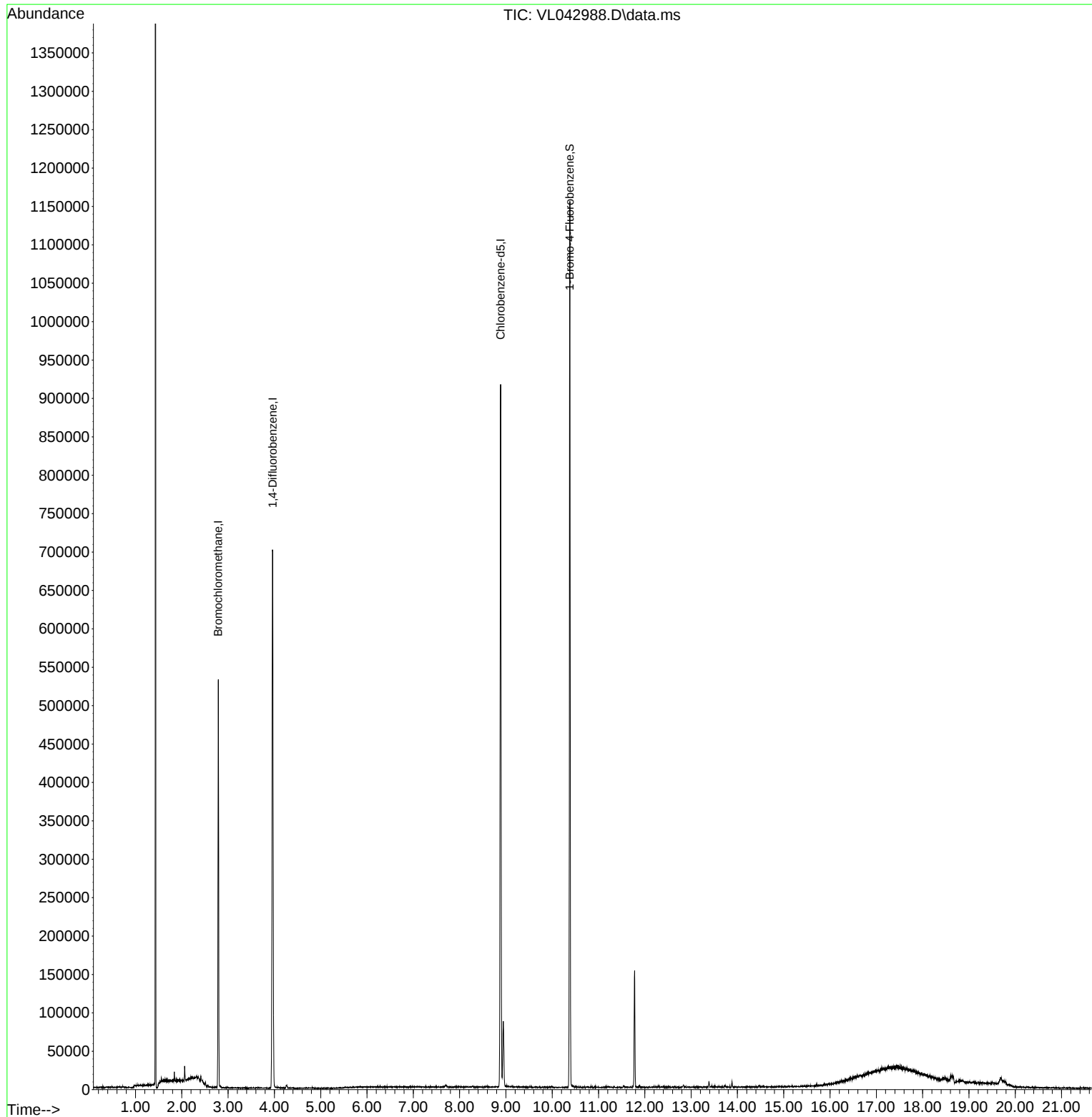
Target Compounds	Qvalue

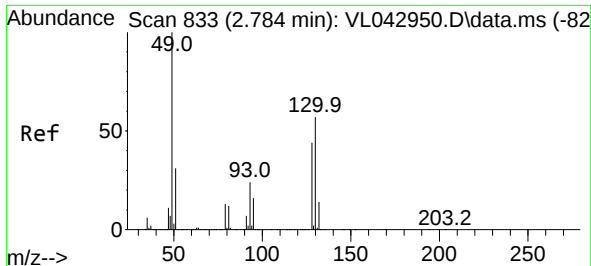
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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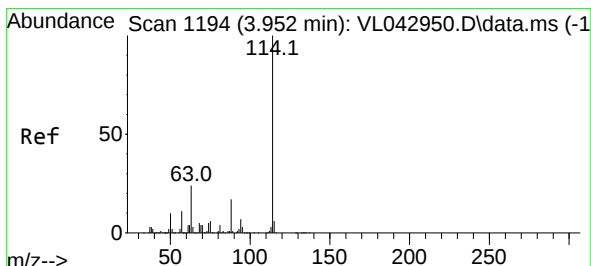
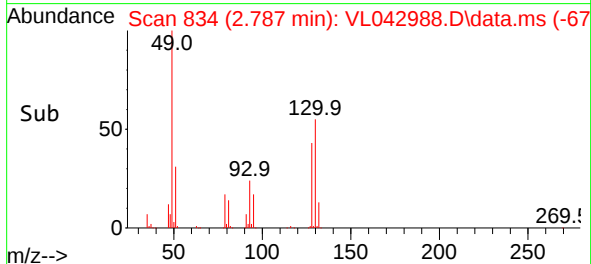
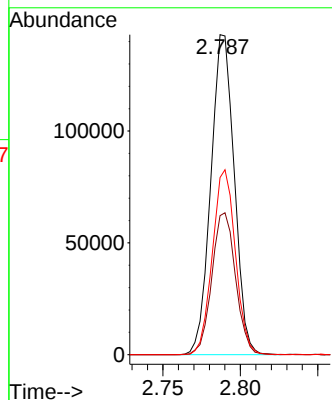
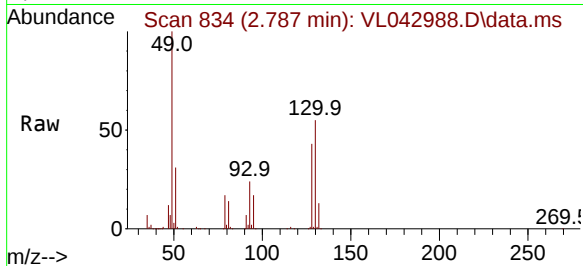




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.787 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL042988.D
 Acq: 23 Sep 2025 12:50

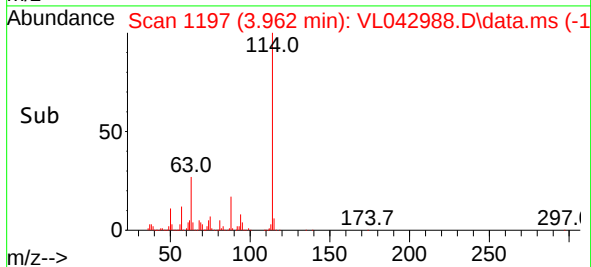
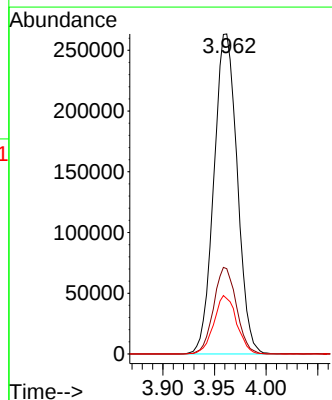
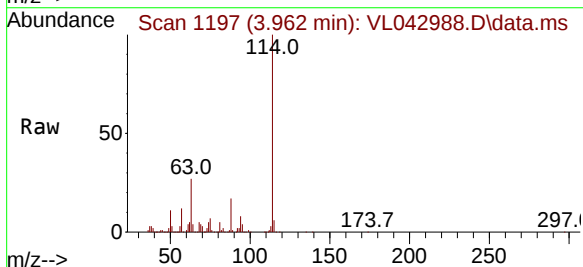
Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10684

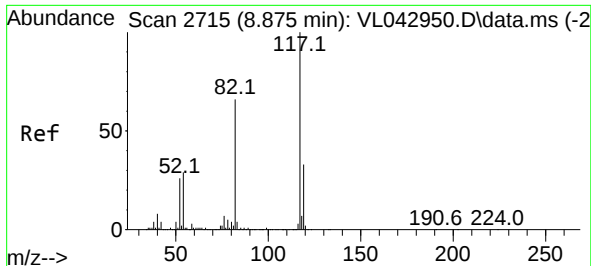
Tgt Ion: 49 Resp: 150626
 Ion Ratio Lower Upper
 49 100
 128 44.9 22.9 68.8
 130 56.8 29.1 87.3



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.962 min Scan# 1197
 Delta R.T. 0.009 min
 Lab File: VL042988.D
 Acq: 23 Sep 2025 12:50

Tgt Ion: 114 Resp: 414249
 Ion Ratio Lower Upper
 114 100
 63 26.5 19.4 29.2
 88 17.8 14.2 21.2

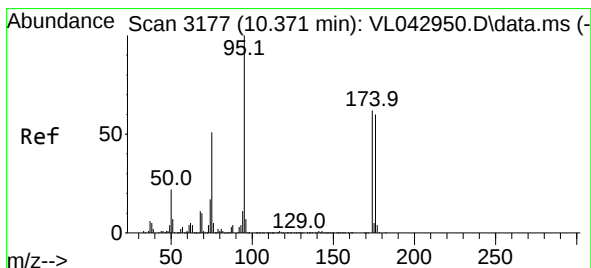
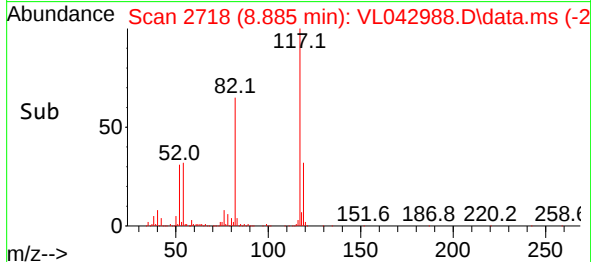
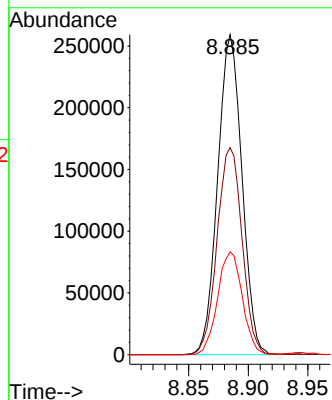
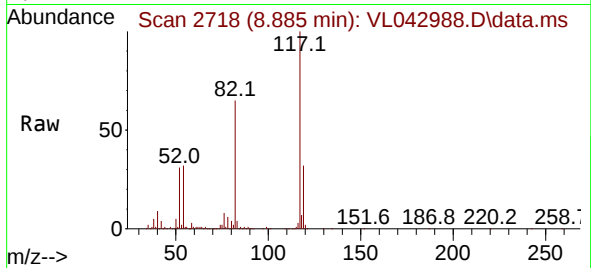




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL042988.D
Acq: 23 Sep 2025 12:50

Instrument :
MSVOA_L
ClientSampleId :
CAN 10684

Tgt Ion:117 Resp: 367143
Ion Ratio Lower Upper
117 100
82 66.7 52.8 79.2
119 32.8 26.5 39.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.409 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.009 min
Lab File: VL042988.D
Acq: 23 Sep 2025 12:50

Tgt Ion: 95 Resp: 285271
Ion Ratio Lower Upper
95 100
174 60.4 51.4 77.2
175 4.5 4.0 6.0

