

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042987.D
Acq On : 23 Sep 2025 12:15
Operator : SY/MD
Sample : CAN 10136
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10136

Quant Time: Sep 24 02:07:11 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	153643	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	426826	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	380214	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.380	95	292681	10.312	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.100%

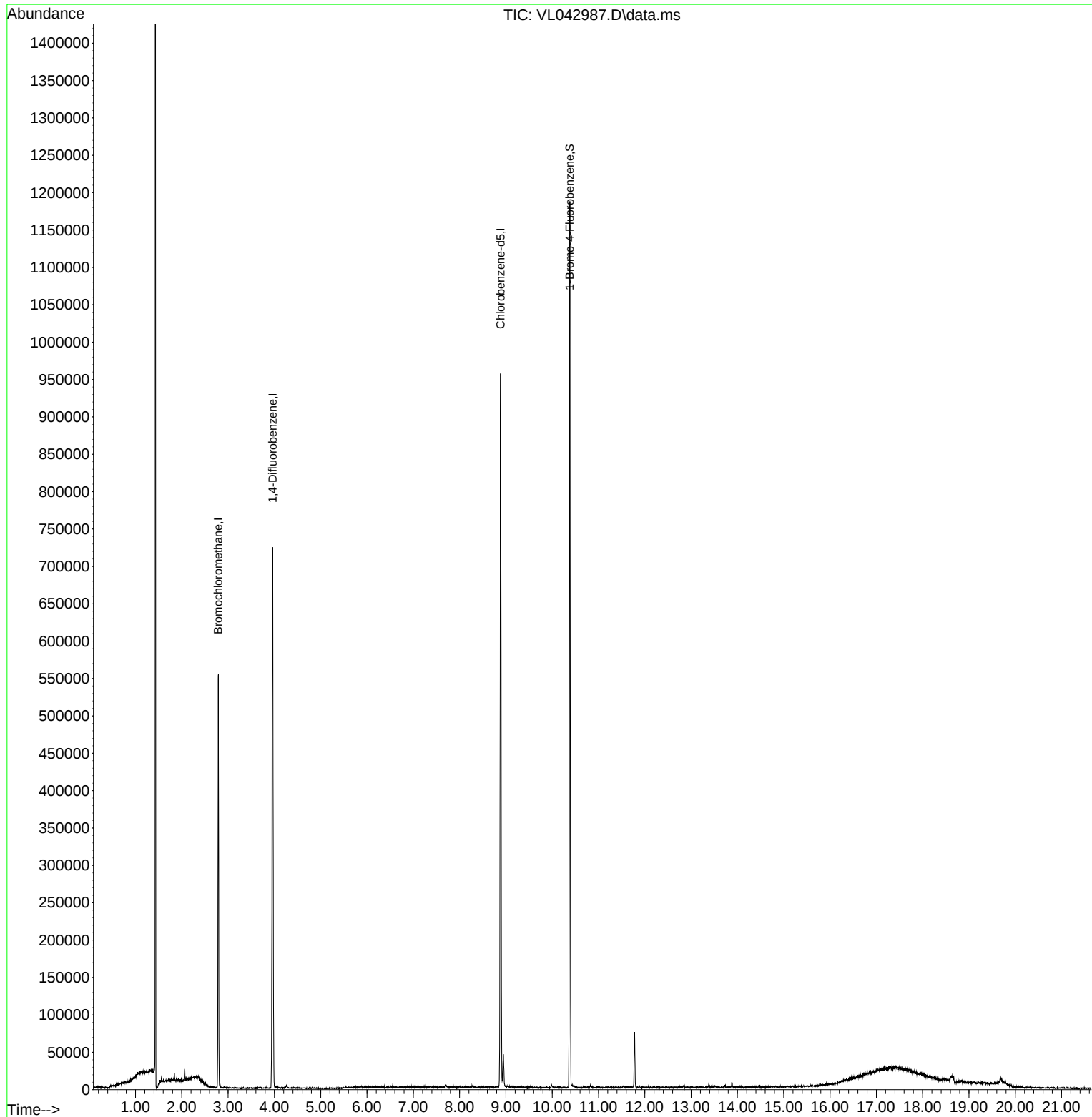
Target Compounds	Qvalue

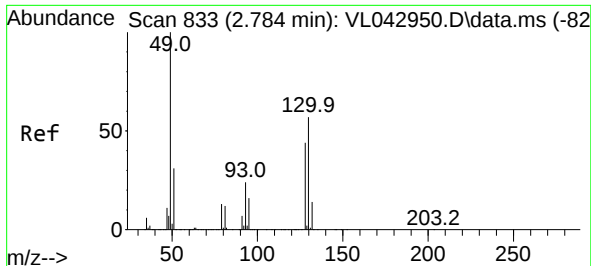
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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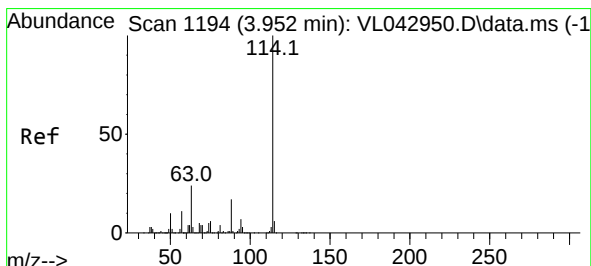
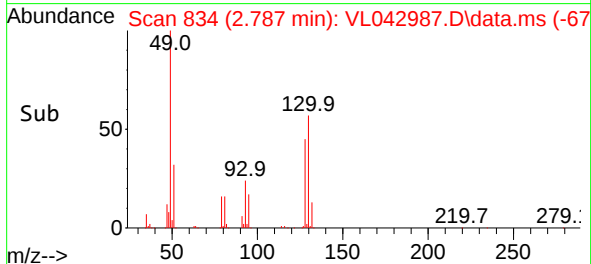
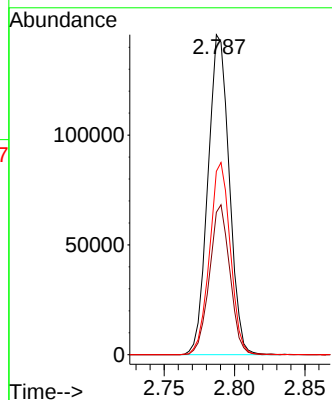
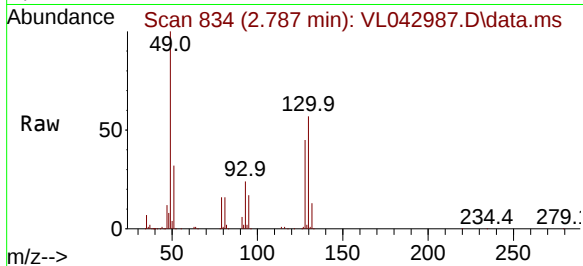




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.787 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL042987.D
 Acq: 23 Sep 2025 12:15

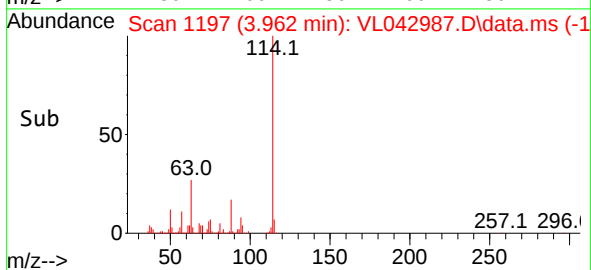
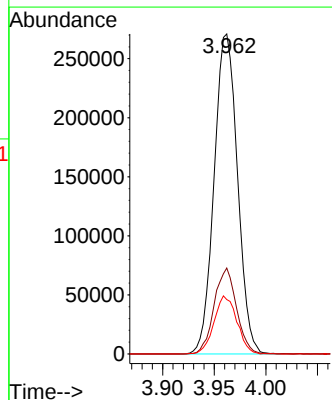
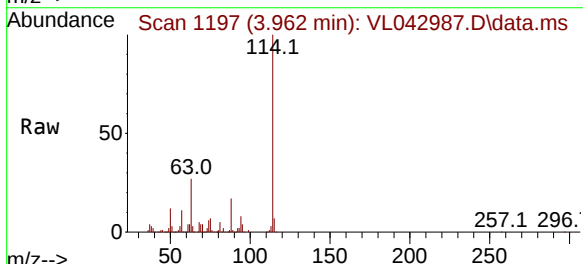
Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10136

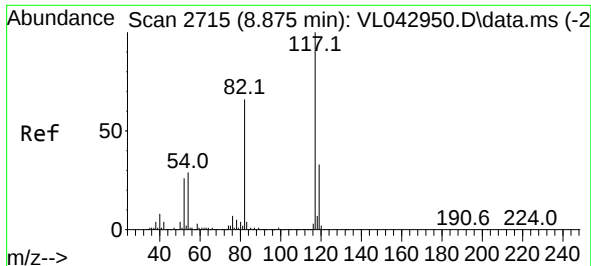
Tgt Ion: 49 Resp: 153643
 Ion Ratio Lower Upper
 49 100
 128 44.9 22.9 68.8
 130 58.6 29.1 87.3



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.962 min Scan# 1197
 Delta R.T. 0.010 min
 Lab File: VL042987.D
 Acq: 23 Sep 2025 12:15

Tgt Ion: 114 Resp: 426826
 Ion Ratio Lower Upper
 114 100
 63 25.8 19.4 29.2
 88 17.8 14.2 21.2

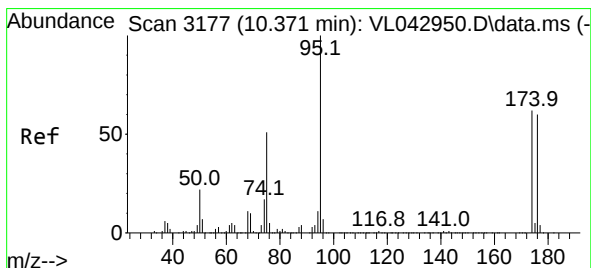
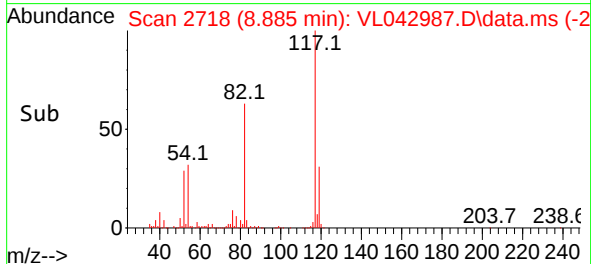
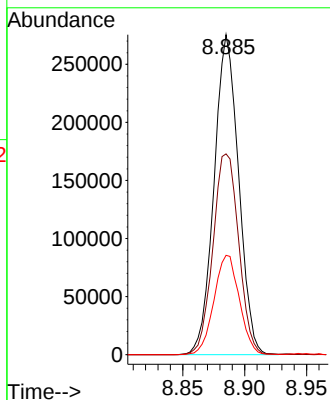
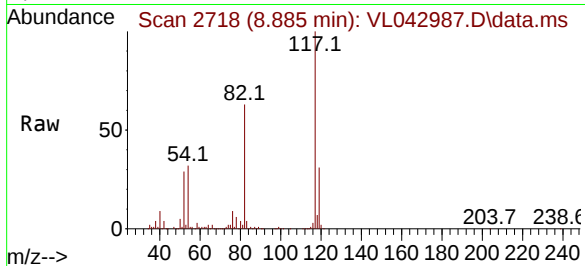




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042987.D
Acq: 23 Sep 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
CAN 10136

Tgt Ion:117 Resp: 380214
Ion Ratio Lower Upper
117 100
82 66.1 52.8 79.2
119 32.2 26.5 39.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.312 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.010 min
Lab File: VL042987.D
Acq: 23 Sep 2025 12:15

Tgt Ion: 95 Resp: 292681
Ion Ratio Lower Upper
95 100
174 61.8 51.4 77.2
175 4.4 4.0 6.0

