

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100925\
 Data File : VL043080.D
 Acq On : 09 Oct 2025 10:10
 Operator : SY/MD
 Sample : VL1009ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1009ABL01

Quant Time: Oct 09 22:12:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 08:23:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.777	49	178561	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.942	114	511863	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.865	117	429488	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.364	95	319148	10.315	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.200%

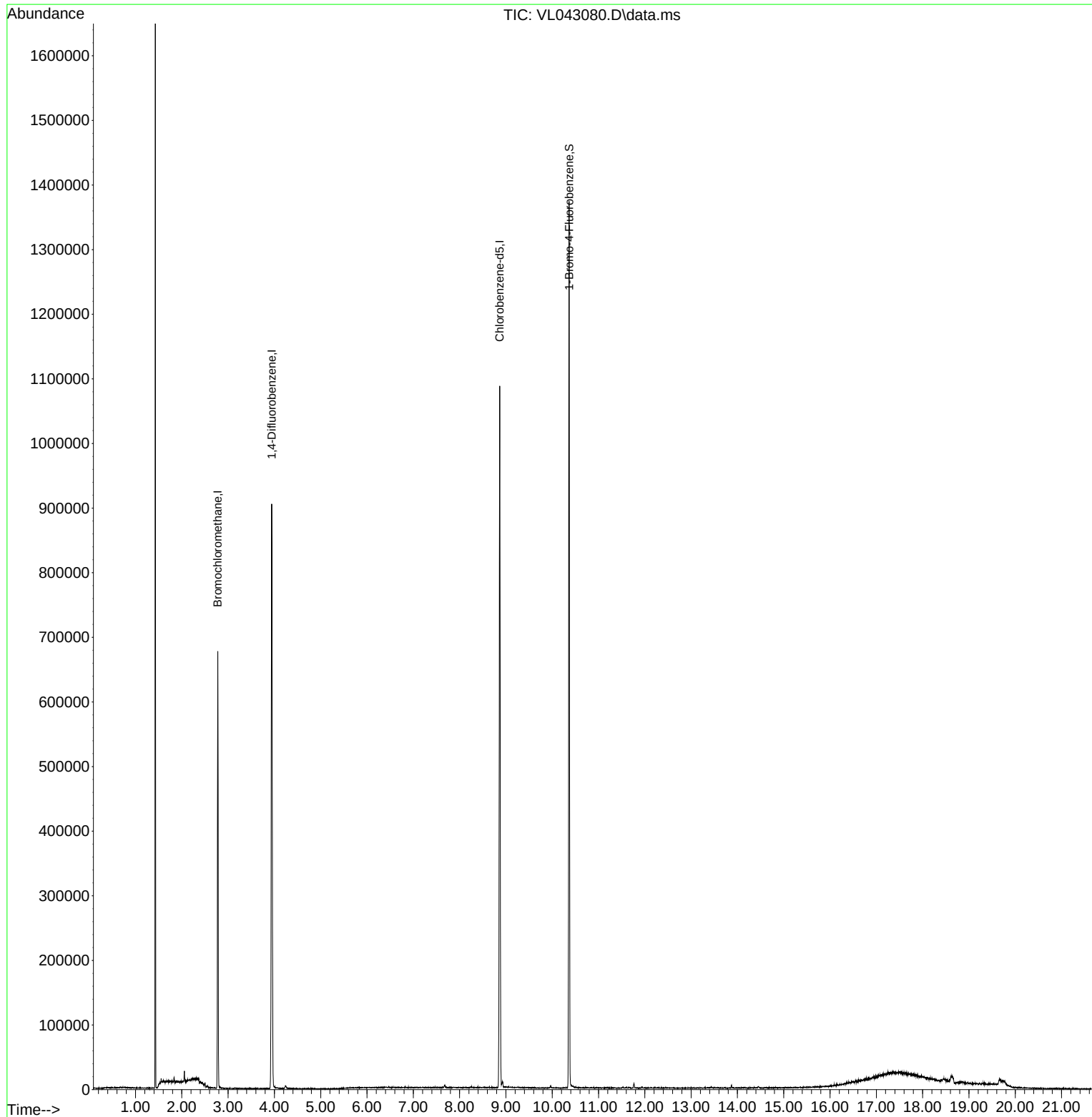
Target Compounds	Qvalue

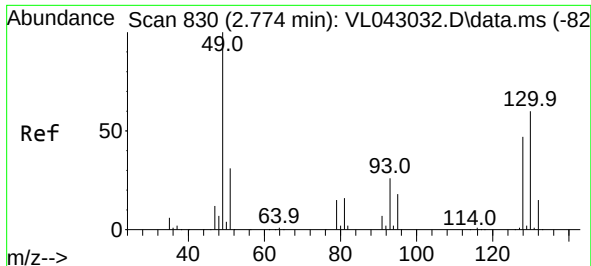
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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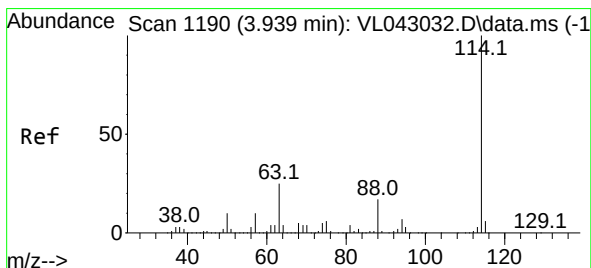
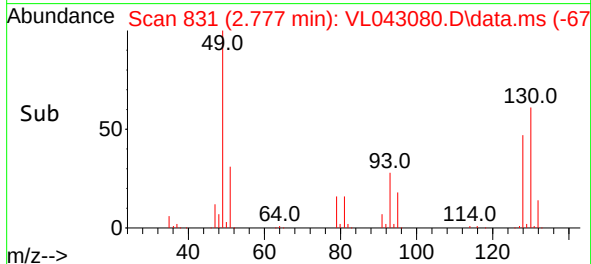
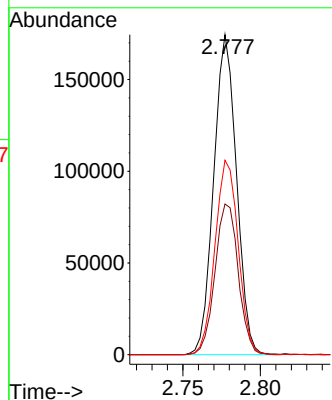
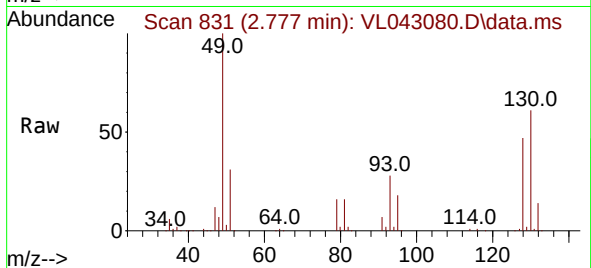




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.777 min Scan# 831
 Delta R.T. 0.003 min
 Lab File: VL043080.D
 Acq: 09 Oct 2025 10:10

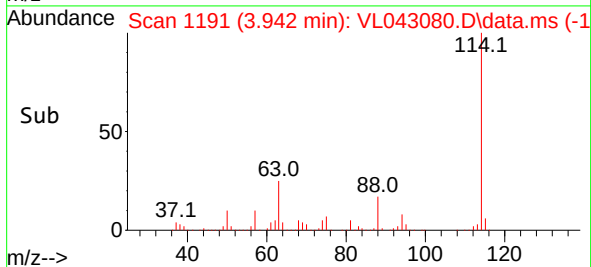
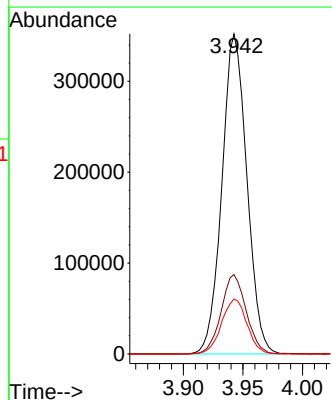
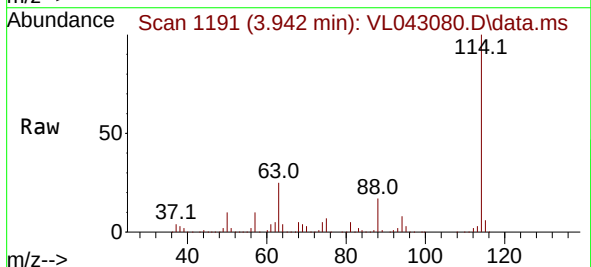
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1009ABL01

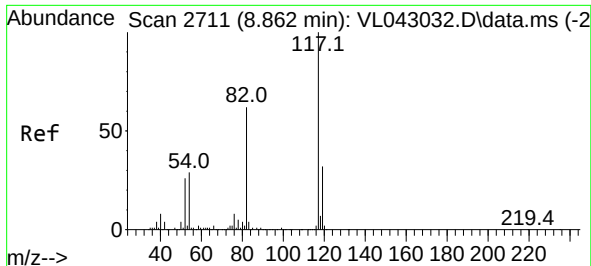
Tgt Ion: 49 Resp: 178561
 Ion Ratio Lower Upper
 49 100
 128 48.2 24.1 72.2
 130 62.0 31.4 94.3



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.942 min Scan# 1191
 Delta R.T. 0.003 min
 Lab File: VL043080.D
 Acq: 09 Oct 2025 10:10

Tgt Ion: 114 Resp: 511863
 Ion Ratio Lower Upper
 114 100
 63 25.0 19.4 29.2
 88 17.5 13.9 20.9

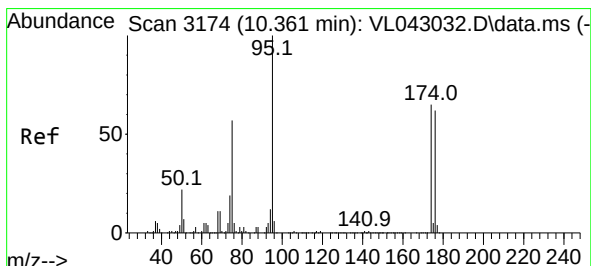
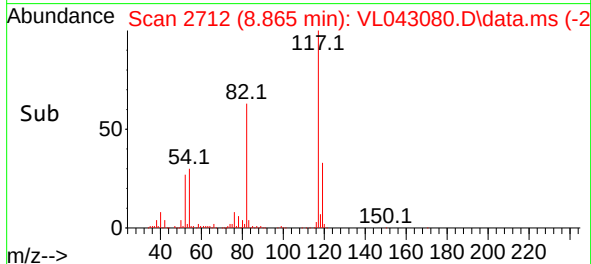
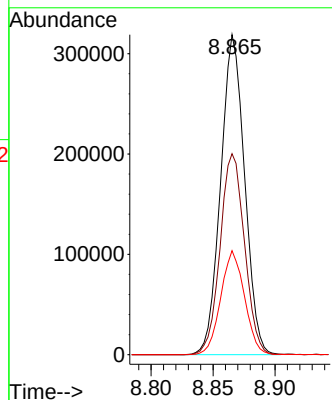
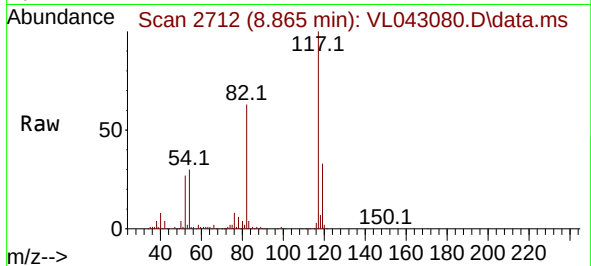




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.865 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL043080.D
Acq: 09 Oct 2025 10:10

Instrument :
MSVOA_L
ClientSampleId :
VL1009ABL01

Tgt Ion:117 Resp: 429488
Ion Ratio Lower Upper
117 100
82 64.1 53.0 79.6
119 32.4 25.4 38.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.315 ppbv
RT: 10.364 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VL043080.D
Acq: 09 Oct 2025 10:10

Tgt Ion: 95 Resp: 319148
Ion Ratio Lower Upper
95 100
174 64.6 52.3 78.5
175 4.9 3.8 5.8

