

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111125\
 Data File : VL043181.D
 Acq On : 11 Nov 2025 09:01
 Operator : SY/MD
 Sample : VL1111ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1111ABL01

Quant Time: Nov 12 00:13:54 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	2.800	49	132756	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	368642	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.898	117	303422	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	228072	9.671	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.700%

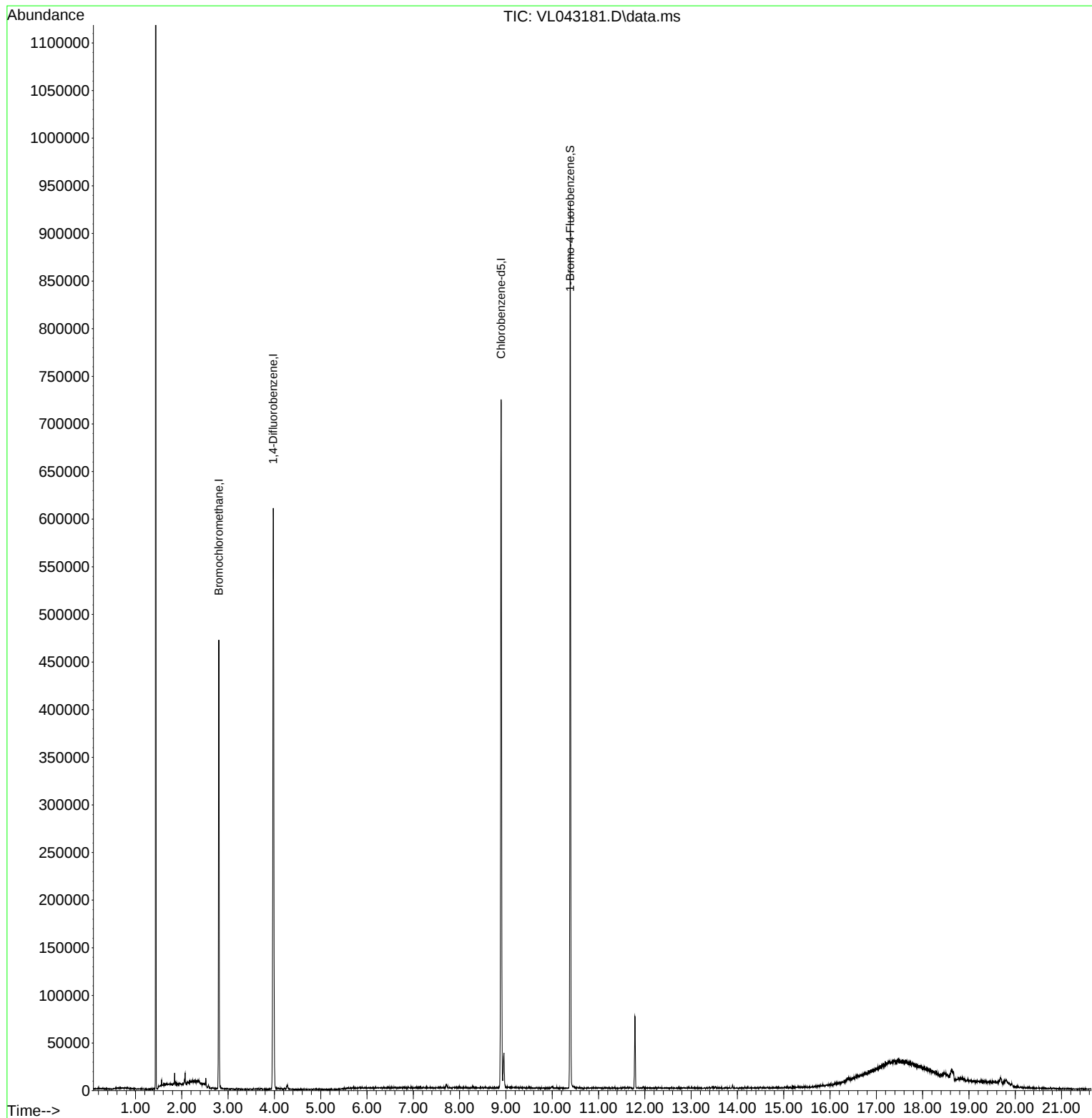
Target Compounds	Qvalue

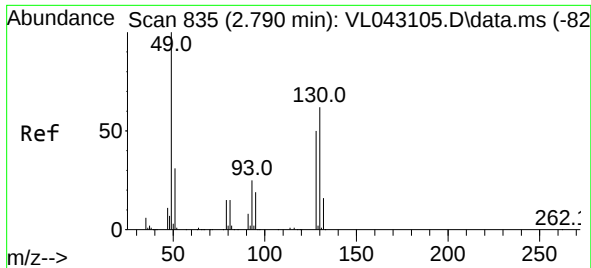
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111125\
Data File : VL043181.D
Acq On : 11 Nov 2025 09:01
Operator : SY/MD
Sample : VL1111ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1111ABL01

Quant Time: Nov 12 00:13:54 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

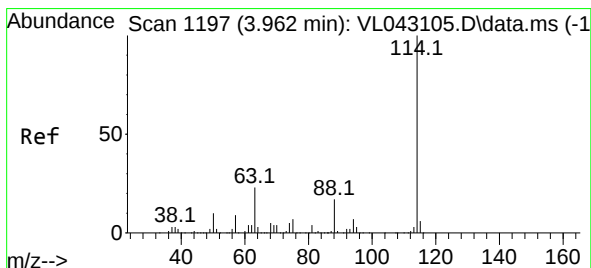
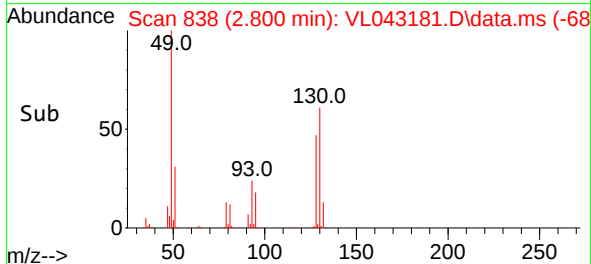
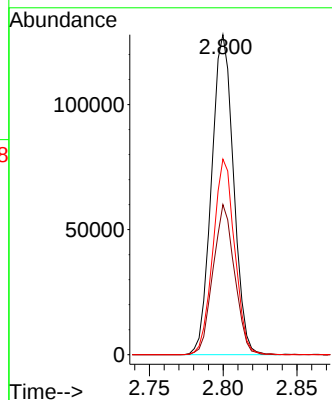
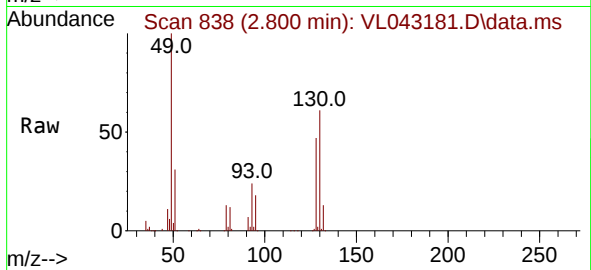




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL043181.D
Acq: 11 Nov 2025 09:01

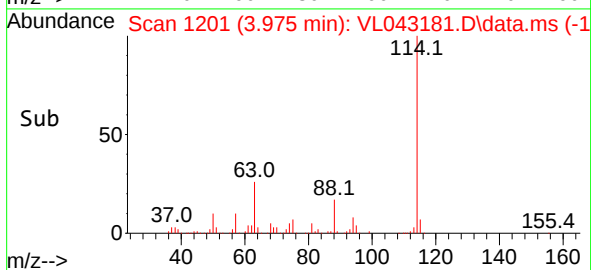
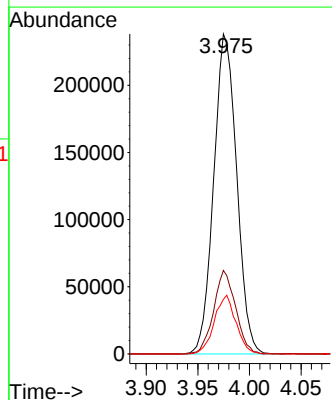
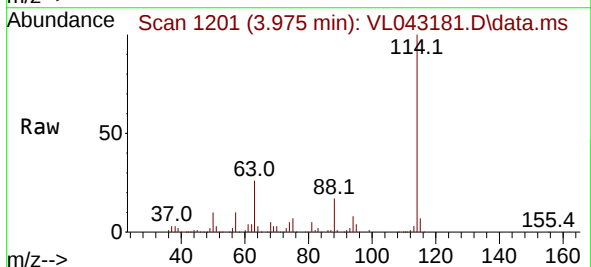
Instrument :
MSVOA_L
ClientSampleId :
VL1111ABL01

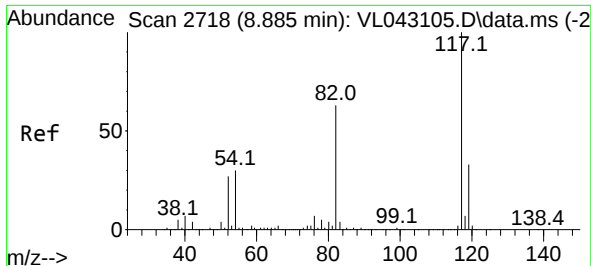
Tgt Ion: 49 Resp: 132756
Ion Ratio Lower Upper
49 100
128 46.0 24.4 73.4
130 60.2 31.0 93.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. 0.013 min
Lab File: VL043181.D
Acq: 11 Nov 2025 09:01

Tgt Ion: 114 Resp: 368642
Ion Ratio Lower Upper
114 100
63 25.0 19.3 28.9
88 17.3 13.9 20.9

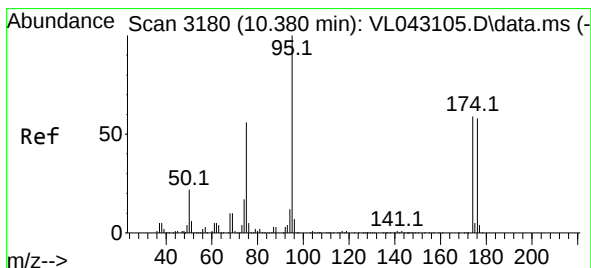
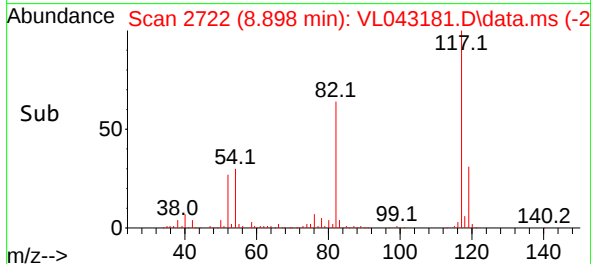
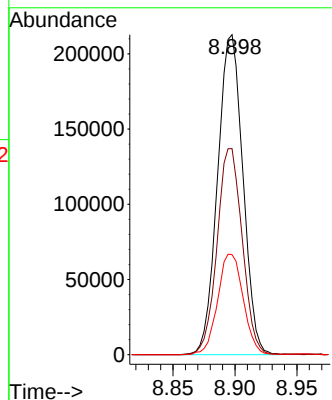
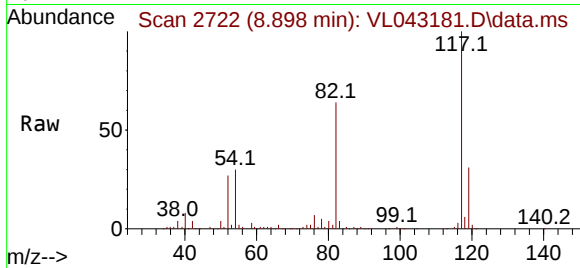




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL043181.D
Acq: 11 Nov 2025 09:01

Instrument :
MSVOA_1
ClientSampleId :
VL1111ABL01

Tgt Ion:117 Resp: 303422
Ion Ratio Lower Upper
117 100
82 64.2 53.8 80.8
119 31.8 25.4 38.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.671 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. 0.009 min
Lab File: VL043181.D
Acq: 11 Nov 2025 09:01

Tgt Ion: 95 Resp: 228072
Ion Ratio Lower Upper
95 100
174 64.5 48.3 72.5
175 4.6 3.8 5.8

