

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091025\
 Data File : VL042927.D
 Acq On : 10 Sep 2025 14:10
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 11 01:13:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 09 00:52:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	135448	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	330972	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.878	117	284591	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	212406	9.952	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%

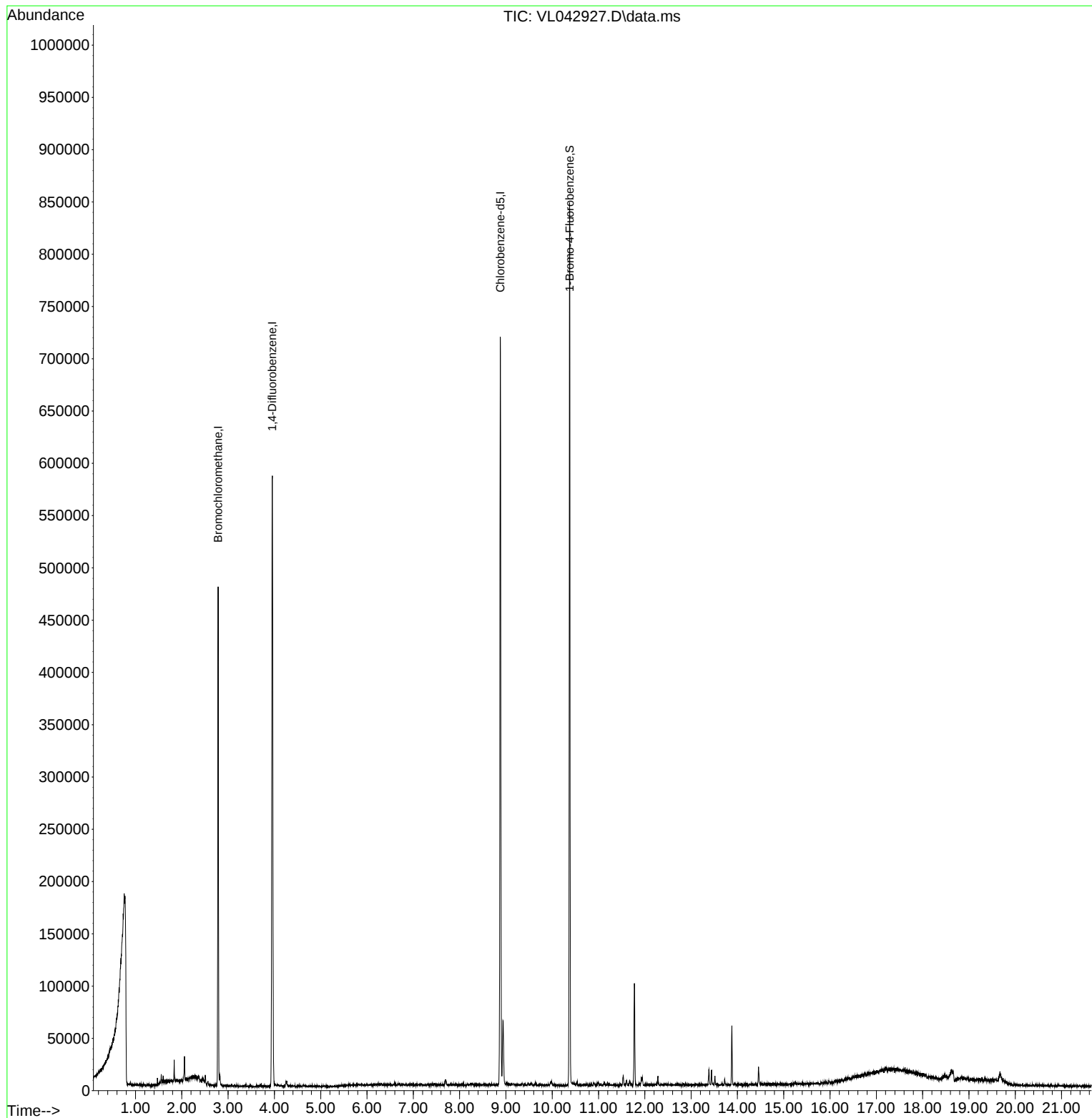
Target Compounds	Qvalue

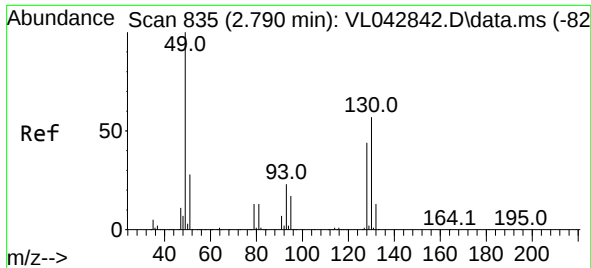
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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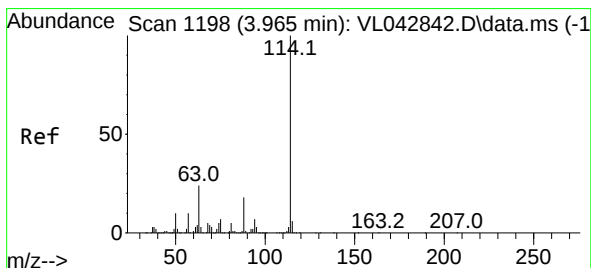
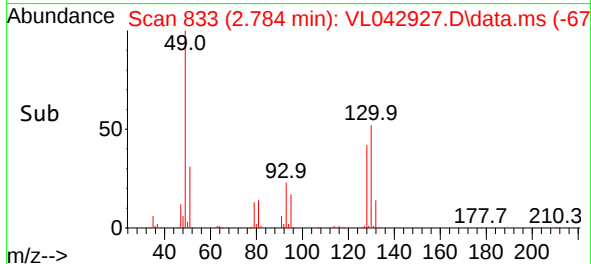
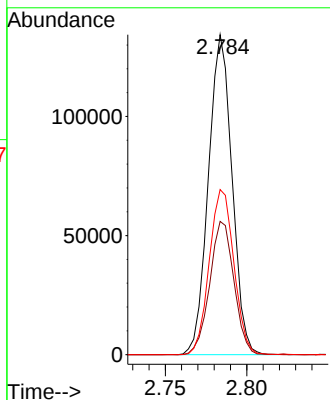
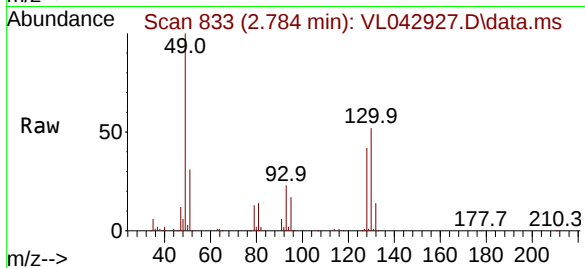




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.784 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VL042927.D
 Acq: 10 Sep 2025 14:10

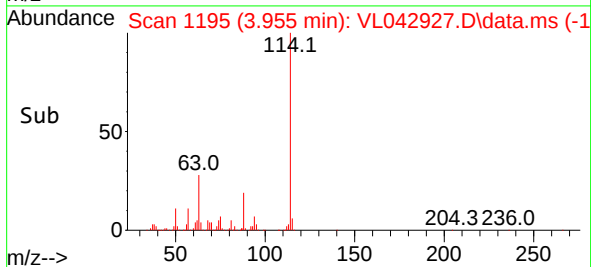
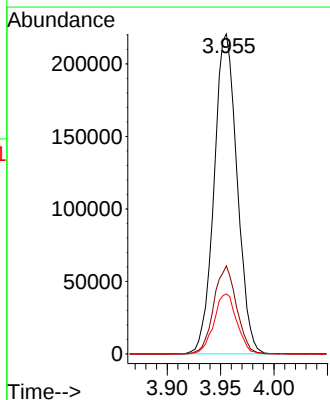
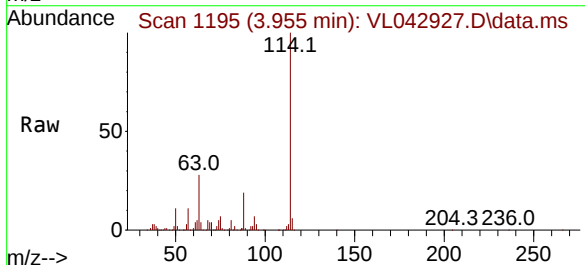
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

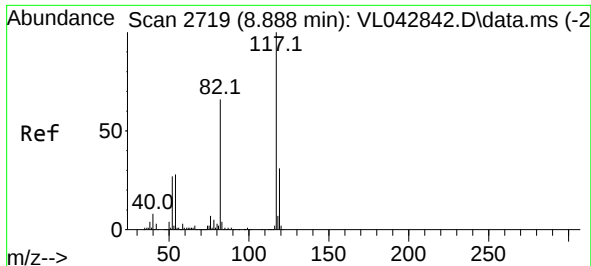
Tgt Ion: 49 Resp: 135448
 Ion Ratio Lower Upper
 49 100
 128 42.7 23.7 71.1
 130 53.8 30.6 91.6



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.955 min Scan# 1195
 Delta R.T. 0.013 min
 Lab File: VL042927.D
 Acq: 10 Sep 2025 14:10

Tgt Ion: 114 Resp: 330972
 Ion Ratio Lower Upper
 114 100
 63 27.3 19.7 29.5
 88 18.8 14.4 21.6

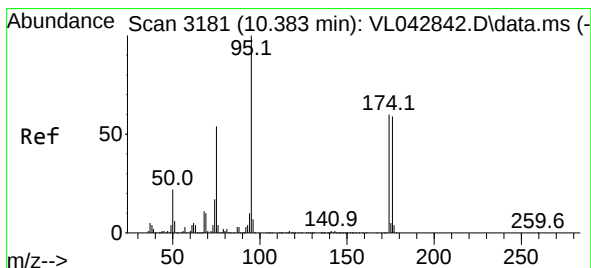
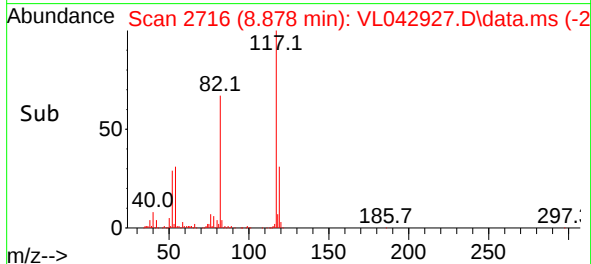
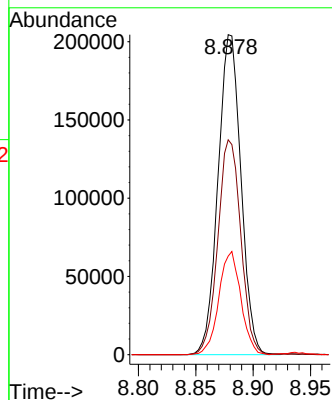
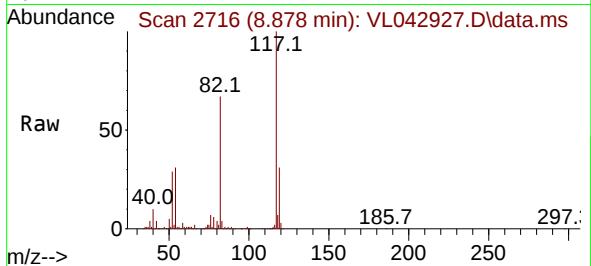




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL042927.D
Acq: 10 Sep 2025 14:10

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 284591
Ion Ratio Lower Upper
117 100
82 67.1 54.6 81.8
119 31.1 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.952 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.013 min
Lab File: VL042927.D
Acq: 10 Sep 2025 14:10

Tgt Ion: 95 Resp: 212406
Ion Ratio Lower Upper
95 100
174 56.0 48.4 72.6
175 3.9 3.8 5.8

