

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100925\
 Data File : VL043100.D
 Acq On : 09 Oct 2025 22:23
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Oct 09 23:48:40 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	2.771	49	171959	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.933	114	440828	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.859	117	378394	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.357	95	288139	10.570	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.700%

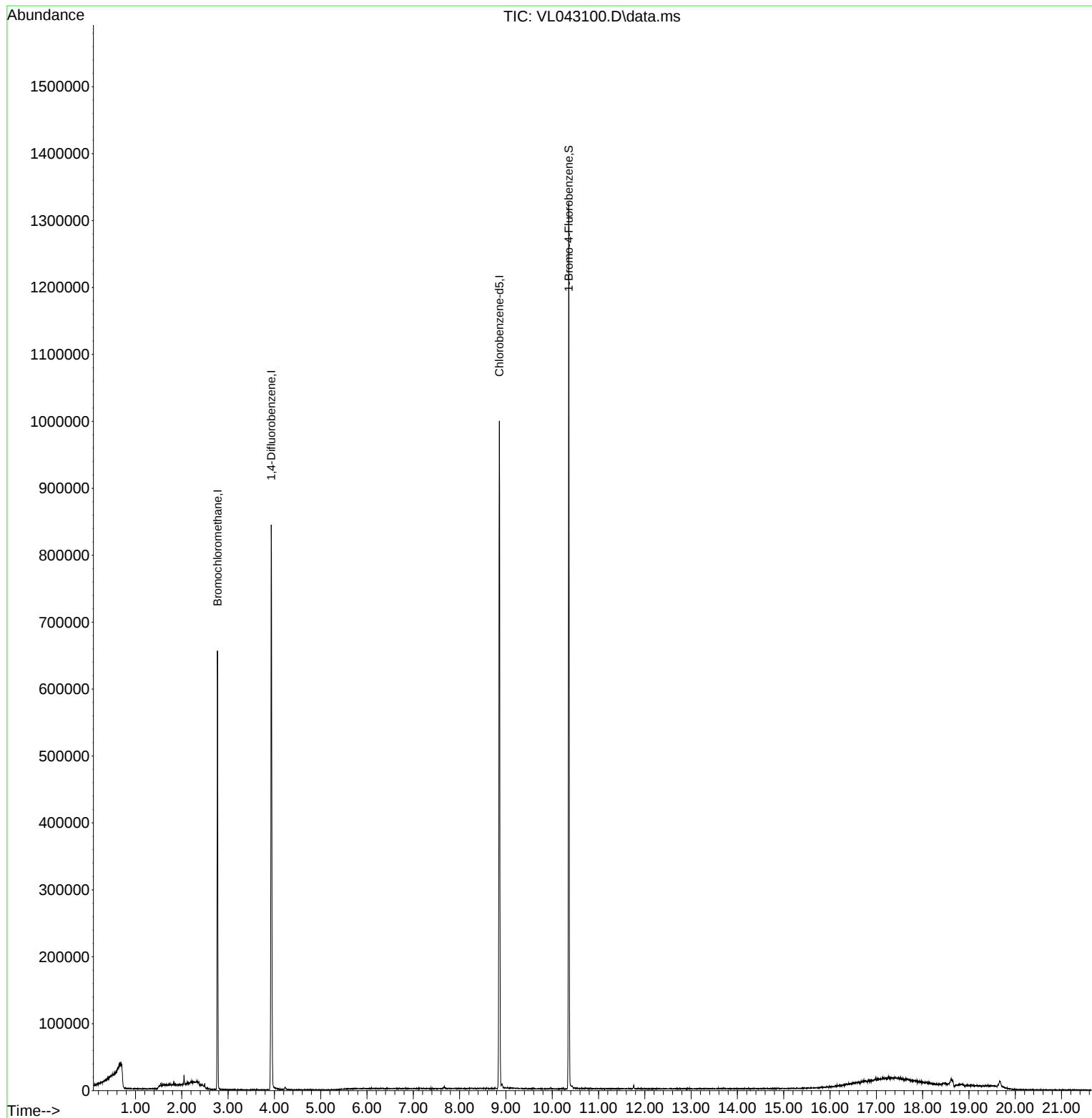
Target Compounds	Qvalue

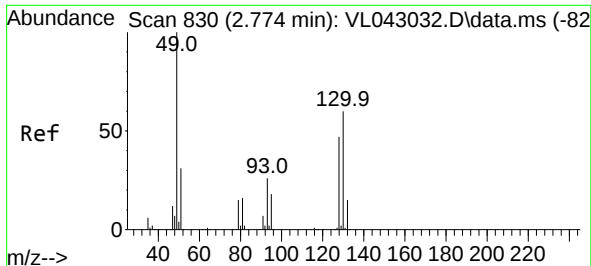
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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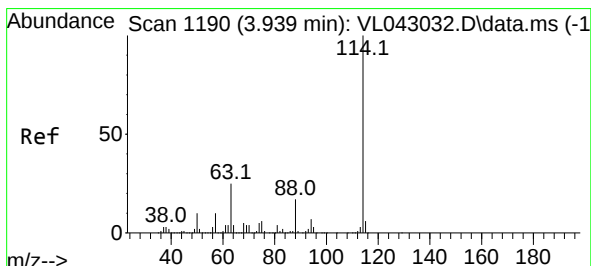
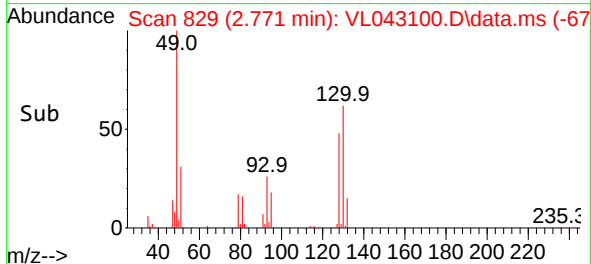
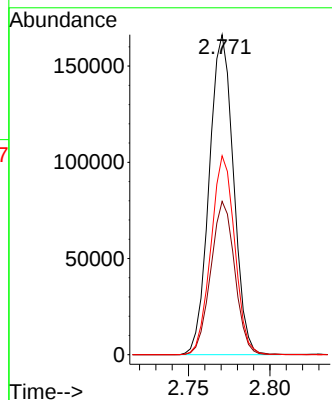
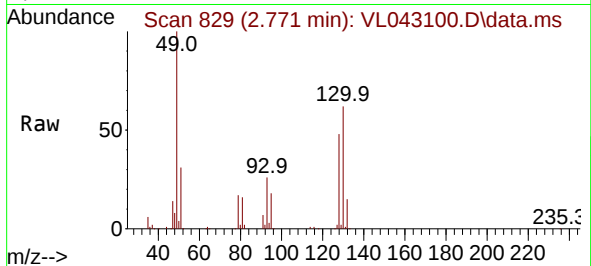




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.771 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL043100.D
Acq: 09 Oct 2025 22:23

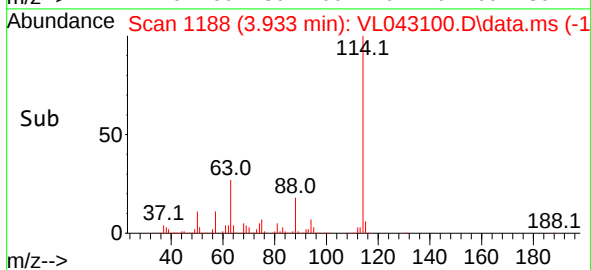
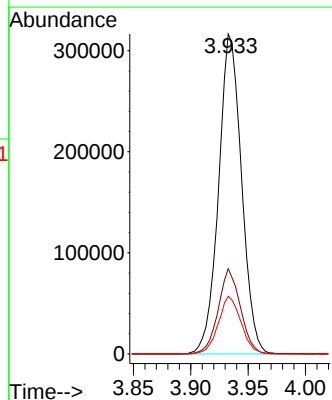
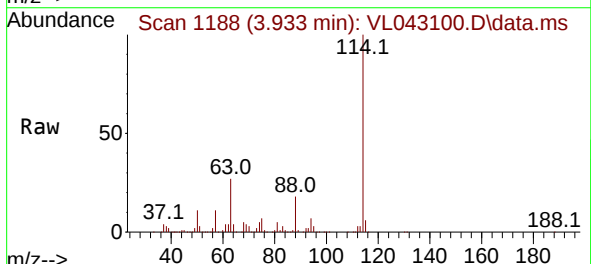
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

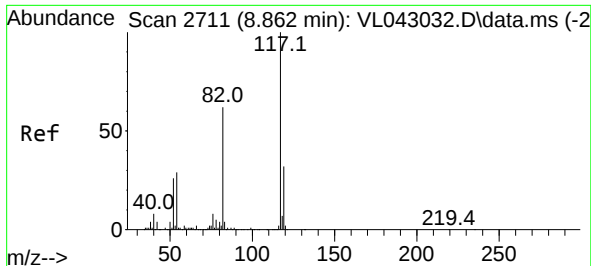
Tgt Ion: 49 Resp: 171959
Ion Ratio Lower Upper
49 100
128 47.3 24.1 72.2
130 61.0 31.4 94.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.933 min Scan# 1188
Delta R.T. -0.007 min
Lab File: VL043100.D
Acq: 09 Oct 2025 22:23

Tgt Ion:114 Resp: 440828
Ion Ratio Lower Upper
114 100
63 25.8 19.4 29.2
88 17.7 13.9 20.9

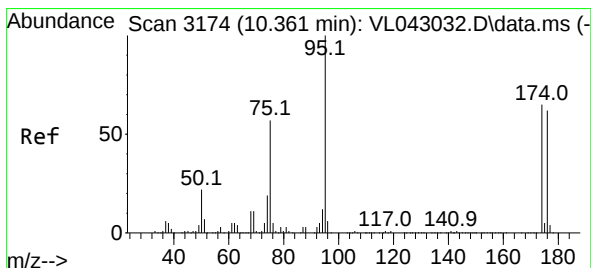
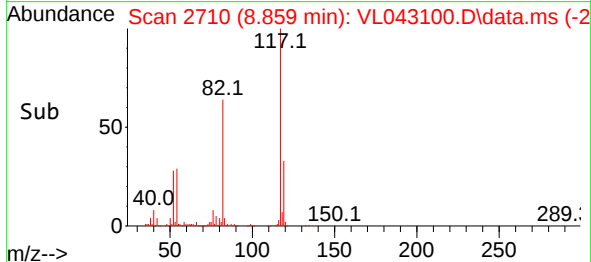
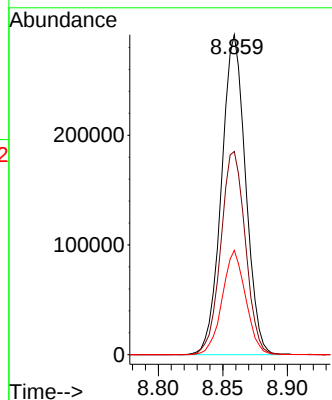
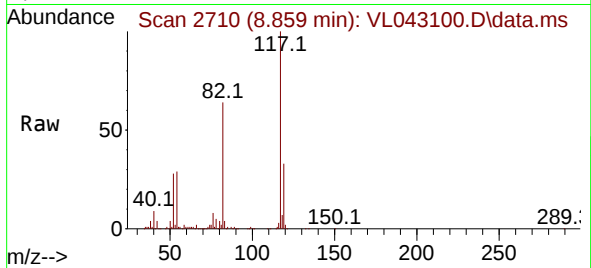




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.859 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL043100.D
Acq: 09 Oct 2025 22:23

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion:117 Resp: 378394
Ion Ratio Lower Upper
117 100
82 64.9 53.0 79.6
119 31.8 25.4 38.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.570 ppbv
RT: 10.357 min Scan# 3173
Delta R.T. -0.003 min
Lab File: VL043100.D
Acq: 09 Oct 2025 22:23

Tgt Ion: 95 Resp: 288139
Ion Ratio Lower Upper
95 100
174 64.9 52.3 78.5
175 4.6 3.8 5.8

