

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092425\
 Data File : VL043011.D
 Acq On : 24 Sep 2025 16:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 25 01:57:54 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	2.790	49	149514	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	462557	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.888	117	403617	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	291750	9.683	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.800%

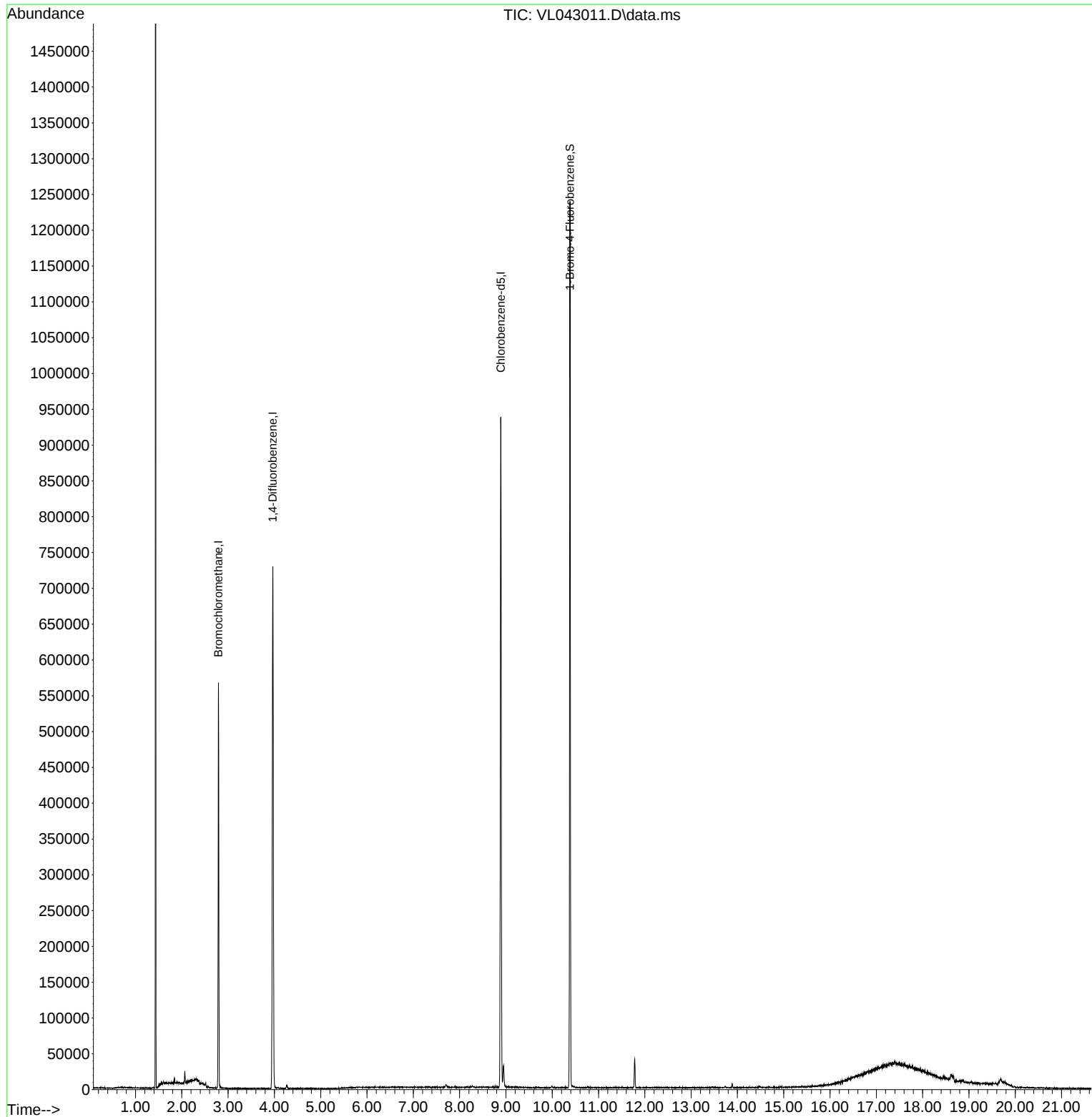
Target Compounds	Qvalue

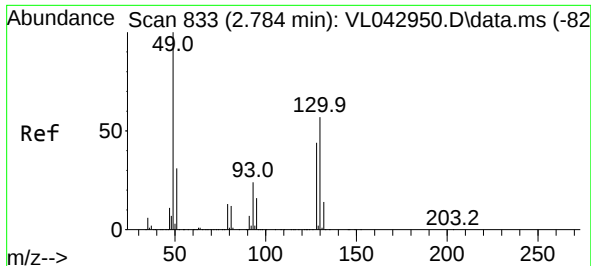
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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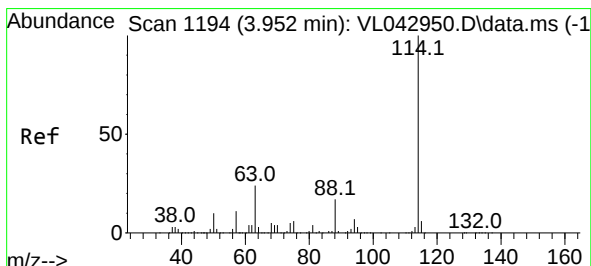
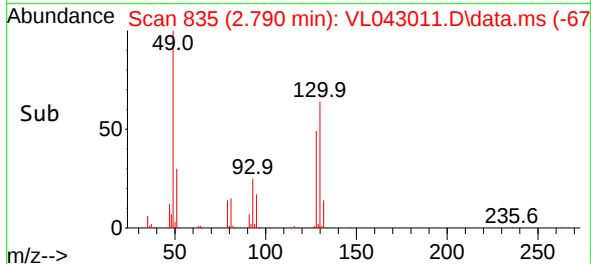
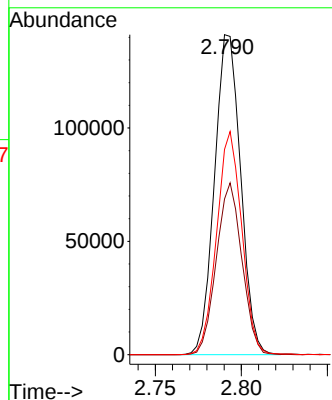
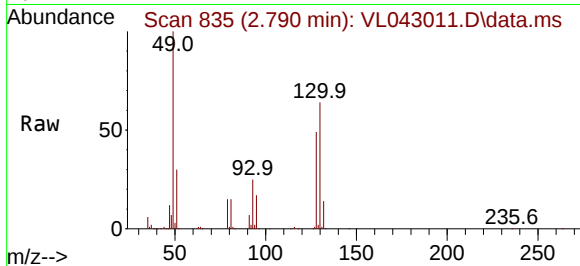




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL043011.D
Acq: 24 Sep 2025 16:14

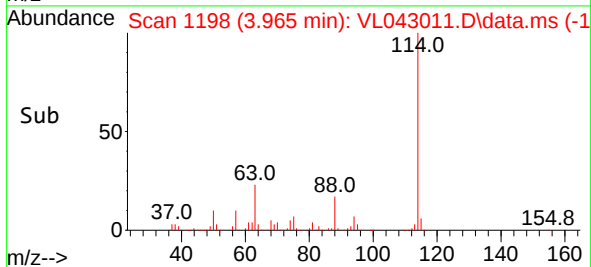
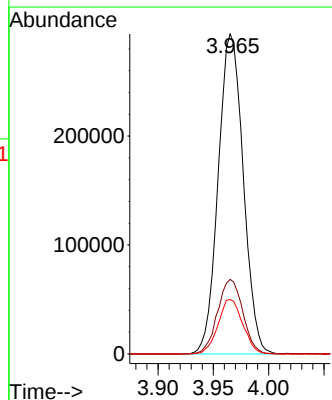
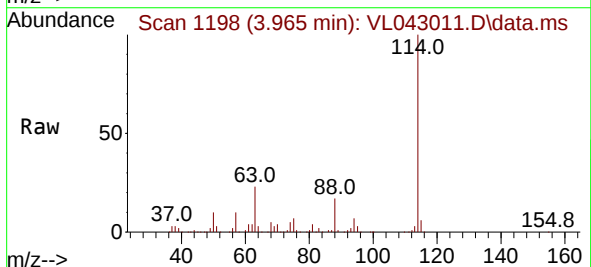
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

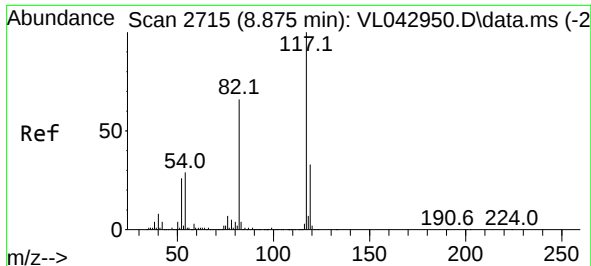
Tgt Ion: 49 Resp: 149514
Ion Ratio Lower Upper
49 100
128 52.5 22.9 68.8
130 67.1 29.1 87.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.013 min
Lab File: VL043011.D
Acq: 24 Sep 2025 16:14

Tgt Ion: 114 Resp: 462557
Ion Ratio Lower Upper
114 100
63 23.5 19.4 29.2
88 16.8 14.2 21.2

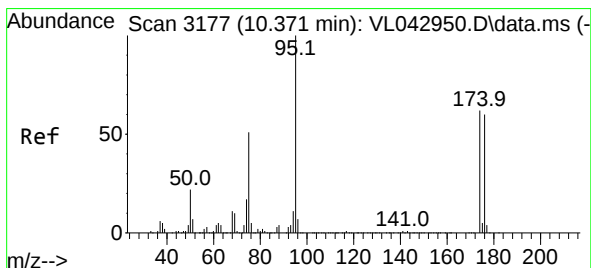
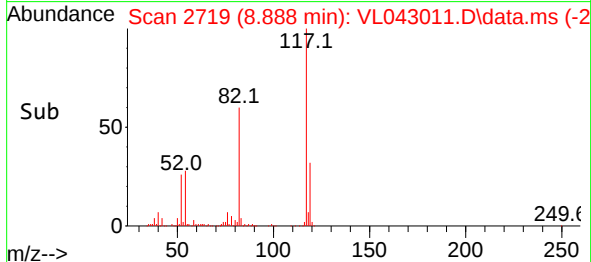
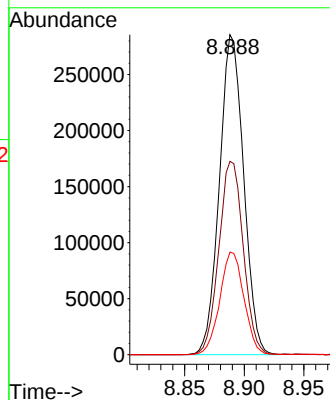
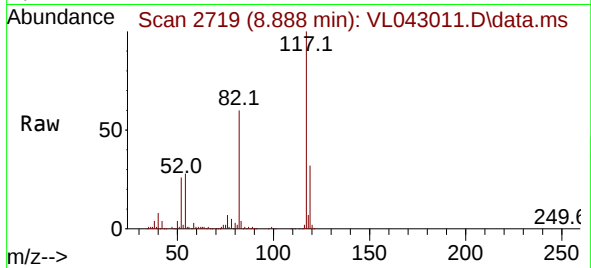




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL043011.D
Acq: 24 Sep 2025 16:14

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 403617
Ion Ratio Lower Upper
117 100
82 61.0 52.8 79.2
119 32.2 26.5 39.7



#68
1-Bromo-4-Fluorobenzene
Concen: 9.683 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.013 min
Lab File: VL043011.D
Acq: 24 Sep 2025 16:14

Tgt Ion: 95 Resp: 291750
Ion Ratio Lower Upper
95 100
174 73.8 51.4 77.2
175 5.3 4.0 6.0

