

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091025\
 Data File : VL042922.D
 Acq On : 10 Sep 2025 10:21
 Operator : SY/MD
 Sample : VL0910ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0910ABL01

Quant Time: Sep 11 01:10:39 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	137030	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	339612	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	283645	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	211755	9.954	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%

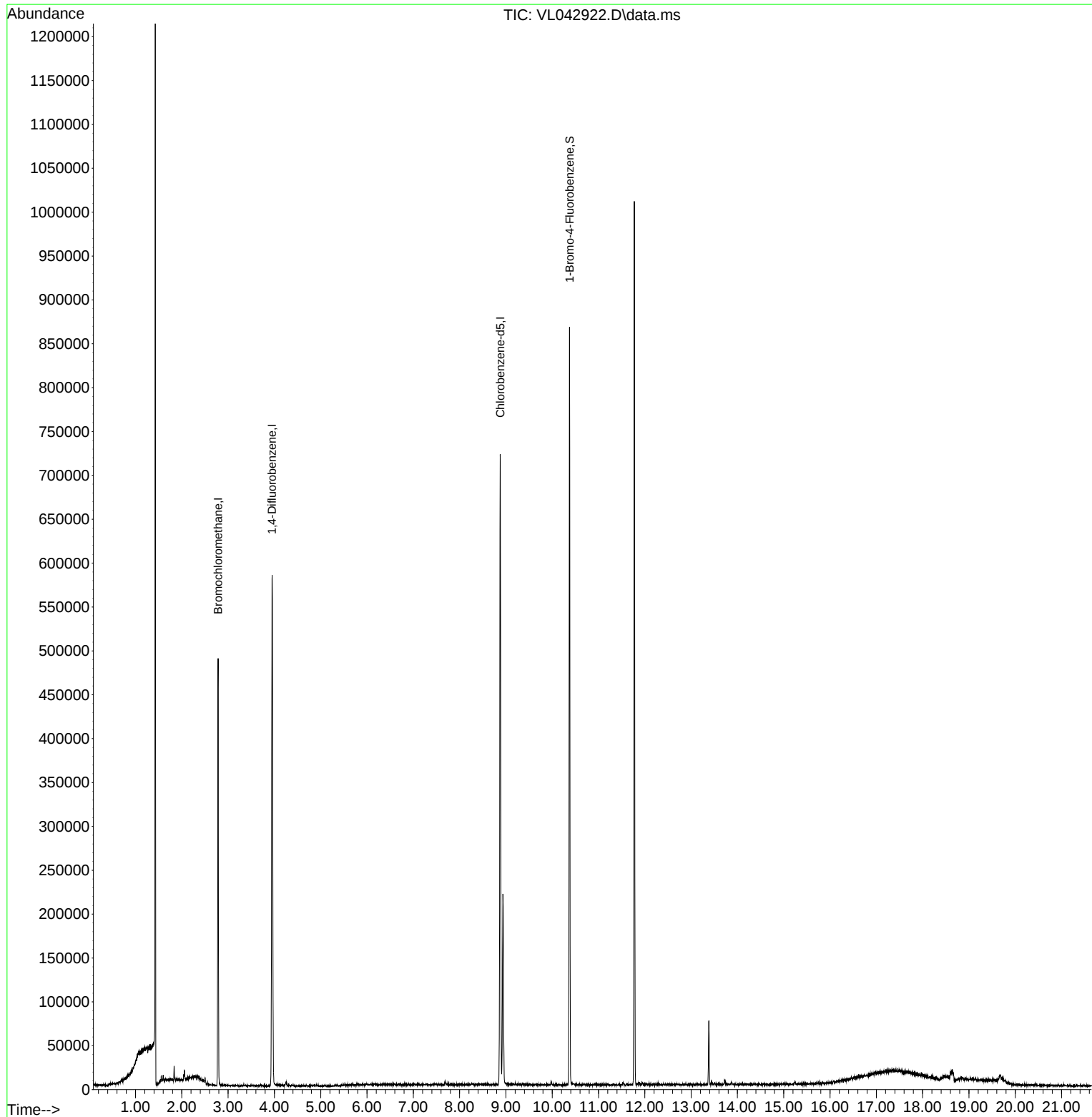
Target Compounds	Qvalue

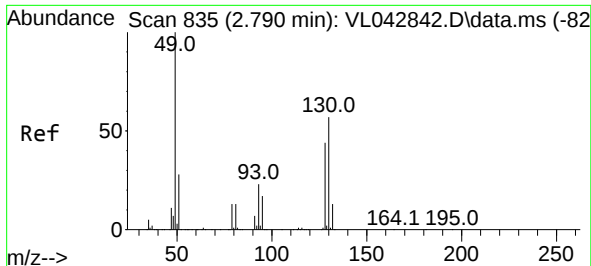
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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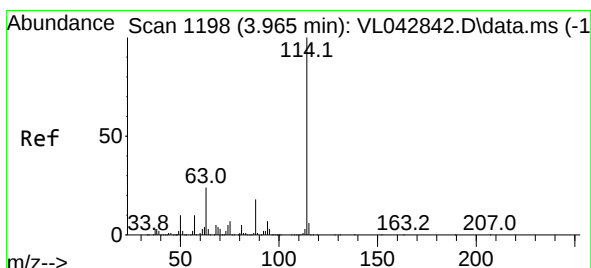
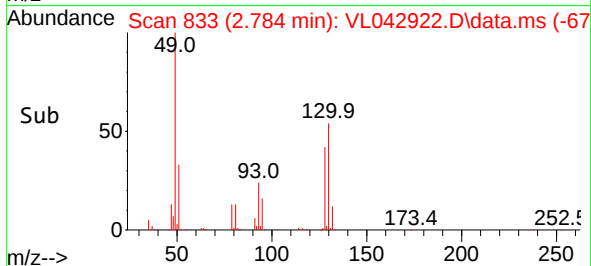
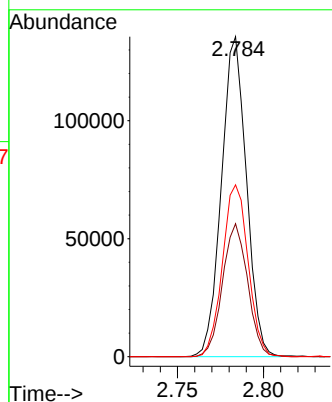
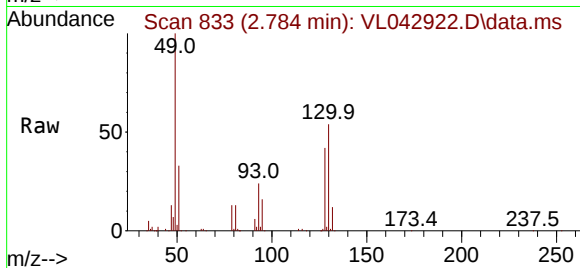




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL042922.D
Acq: 10 Sep 2025 10:21

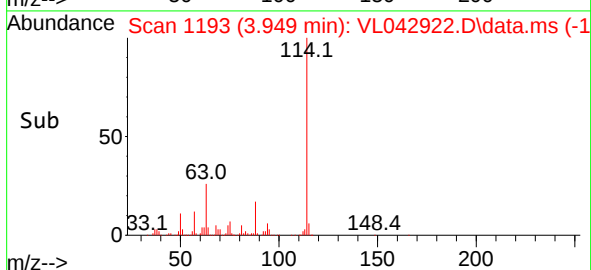
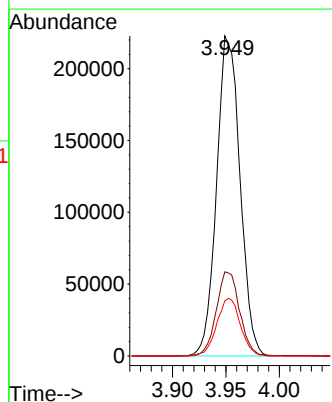
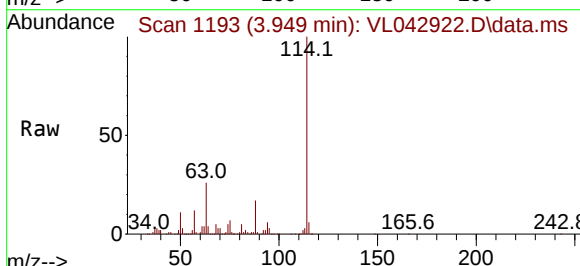
Instrument :
MSVOA_L
ClientSampleId :
VL0910ABL01

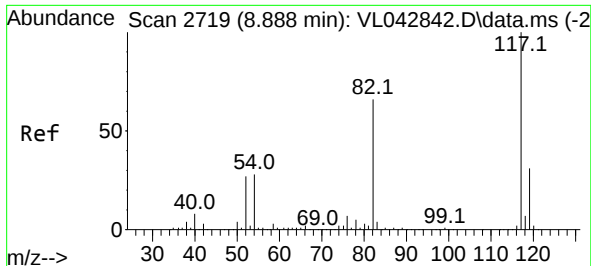
Tgt Ion: 49 Resp: 137030
Ion Ratio Lower Upper
49 100
128 41.9 23.7 71.1
130 55.2 30.6 91.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VL042922.D
Acq: 10 Sep 2025 10:21

Tgt Ion: 114 Resp: 339612
Ion Ratio Lower Upper
114 100
63 26.2 19.7 29.5
88 18.1 14.4 21.6

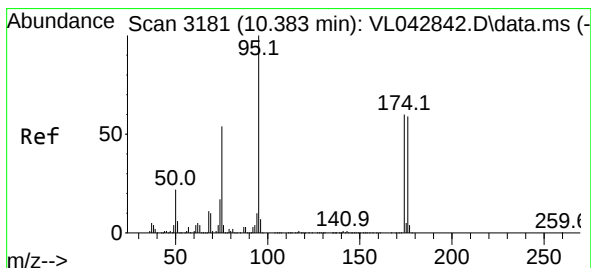
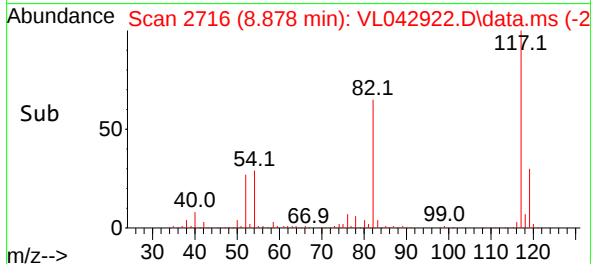
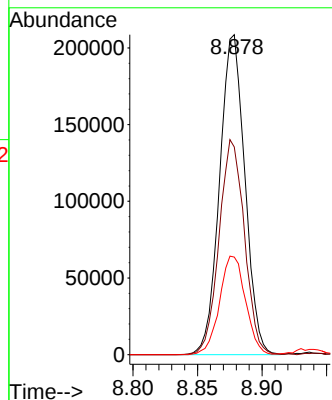
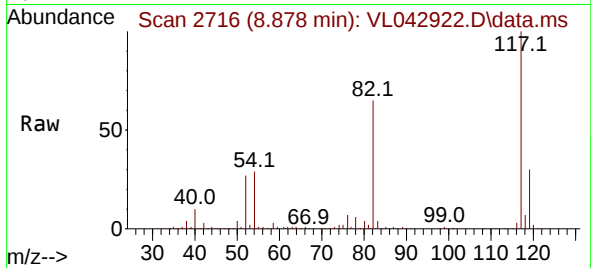




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042922.D
Acq: 10 Sep 2025 10:21

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 283645
Ion Ratio Lower Upper
117 100
82 67.5 54.6 81.8
119 31.8 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.954 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. 0.010 min
Lab File: VL042922.D
Acq: 10 Sep 2025 10:21

Tgt Ion: 95 Resp: 211755
Ion Ratio Lower Upper
95 100
174 56.1 48.4 72.6
175 4.2 3.8 5.8

