

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091825\
 Data File : VL042942.D
 Acq On : 18 Sep 2025 12:14
 Operator : SY/MD
 Sample : QC091125 CAN 10060
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC091125 CAN 10060

Quant Time: Sep 19 01:23:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Sep 18 02:57:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	151587	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	376783	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	311904	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	236215	9.689	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.900%

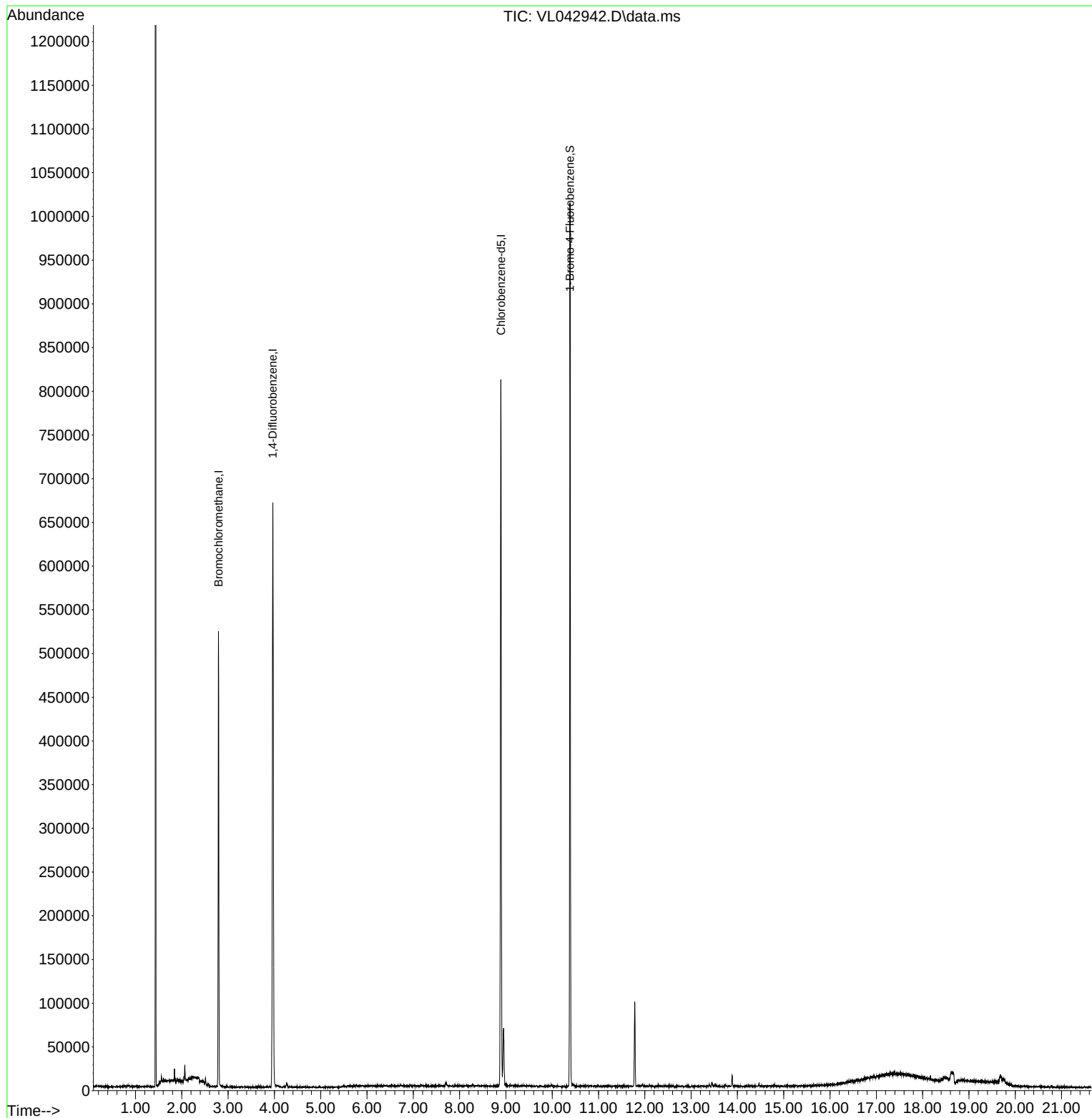
Target Compounds	Qvalue

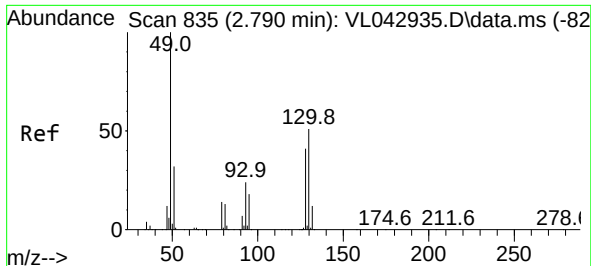
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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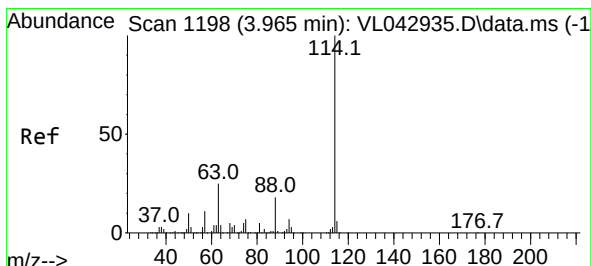
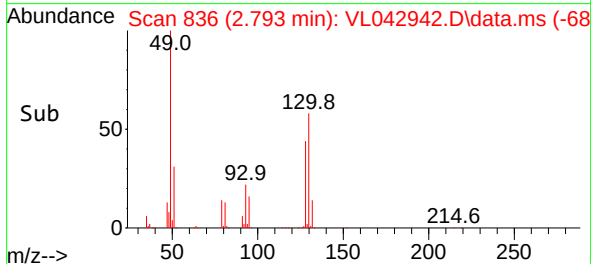
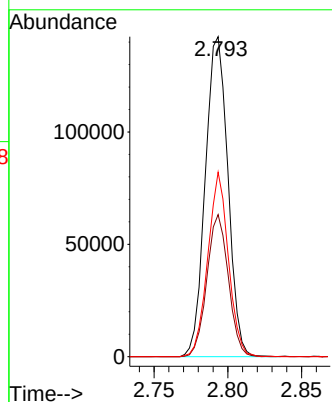
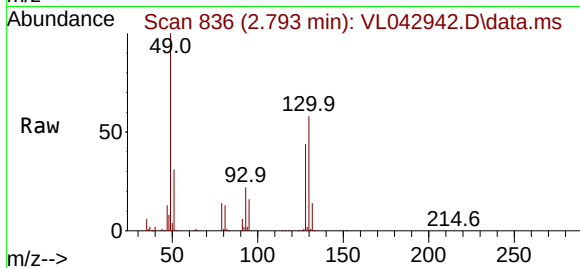




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.793 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL042942.D
 Acq: 18 Sep 2025 12:14

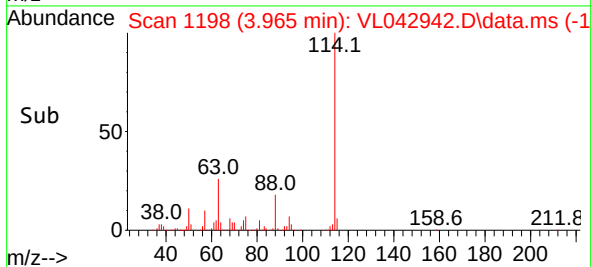
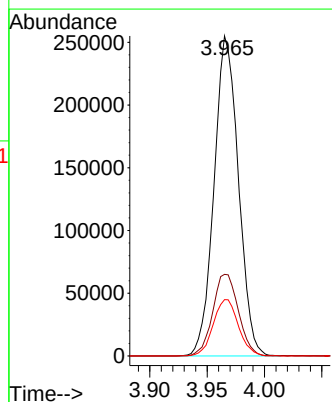
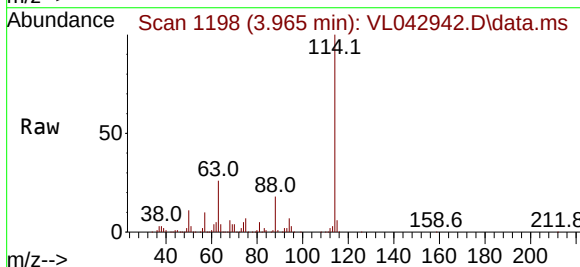
Instrument :
 MSVOA_L
 ClientSampleId :
 QC091125 CAN 10060

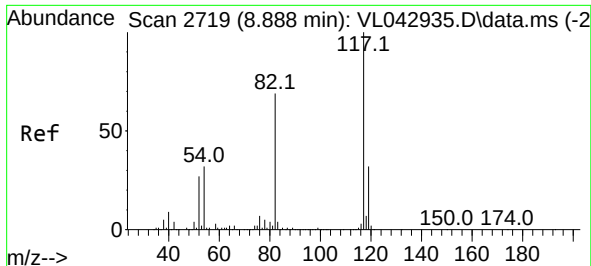
Tgt Ion: 49 Resp: 151587
 Ion Ratio Lower Upper
 49 100
 128 42.3 21.1 63.4
 130 52.4 26.4 79.2



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.965 min Scan# 1198
 Delta R.T. 0.000 min
 Lab File: VL042942.D
 Acq: 18 Sep 2025 12:14

Tgt Ion: 114 Resp: 376783
 Ion Ratio Lower Upper
 114 100
 63 27.0 21.1 31.7
 88 18.2 14.6 22.0

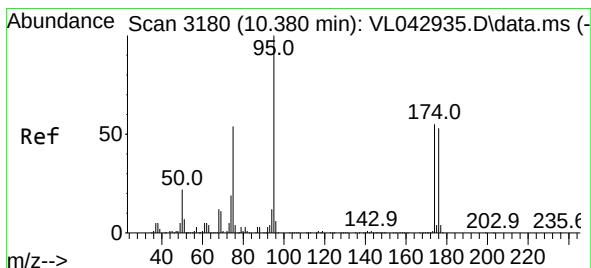
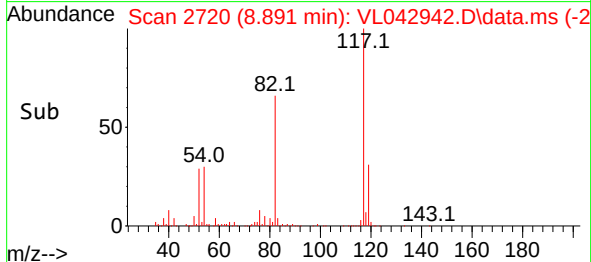
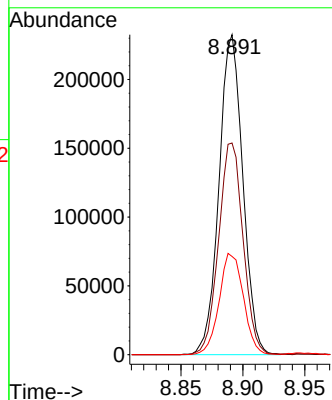
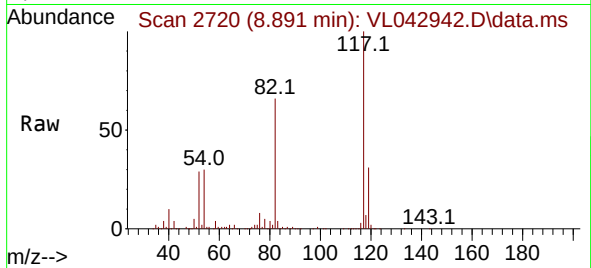




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042942.D
Acq: 18 Sep 2025 12:14

Instrument :
MSVOA_L
ClientSampleId :
QC091125 CAN 10060

Tgt Ion: 117 Resp: 311904
Ion Ratio Lower Upper
117 100
82 68.1 56.1 84.1
119 32.3 25.8 38.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.689 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.003 min
Lab File: VL042942.D
Acq: 18 Sep 2025 12:14

Tgt Ion: 95 Resp: 236215
Ion Ratio Lower Upper
95 100
174 57.0 44.9 67.3
175 4.2 3.3 4.9

