

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042598.D
 Acq On : 29 May 2025 22:18
 Operator : SY/MD
 Sample : QC052725 CAN 10609
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC052725 CAN 10609

Quant Time: May 30 02:15:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	101427	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	282373	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	253475	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	192879	10.151	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%

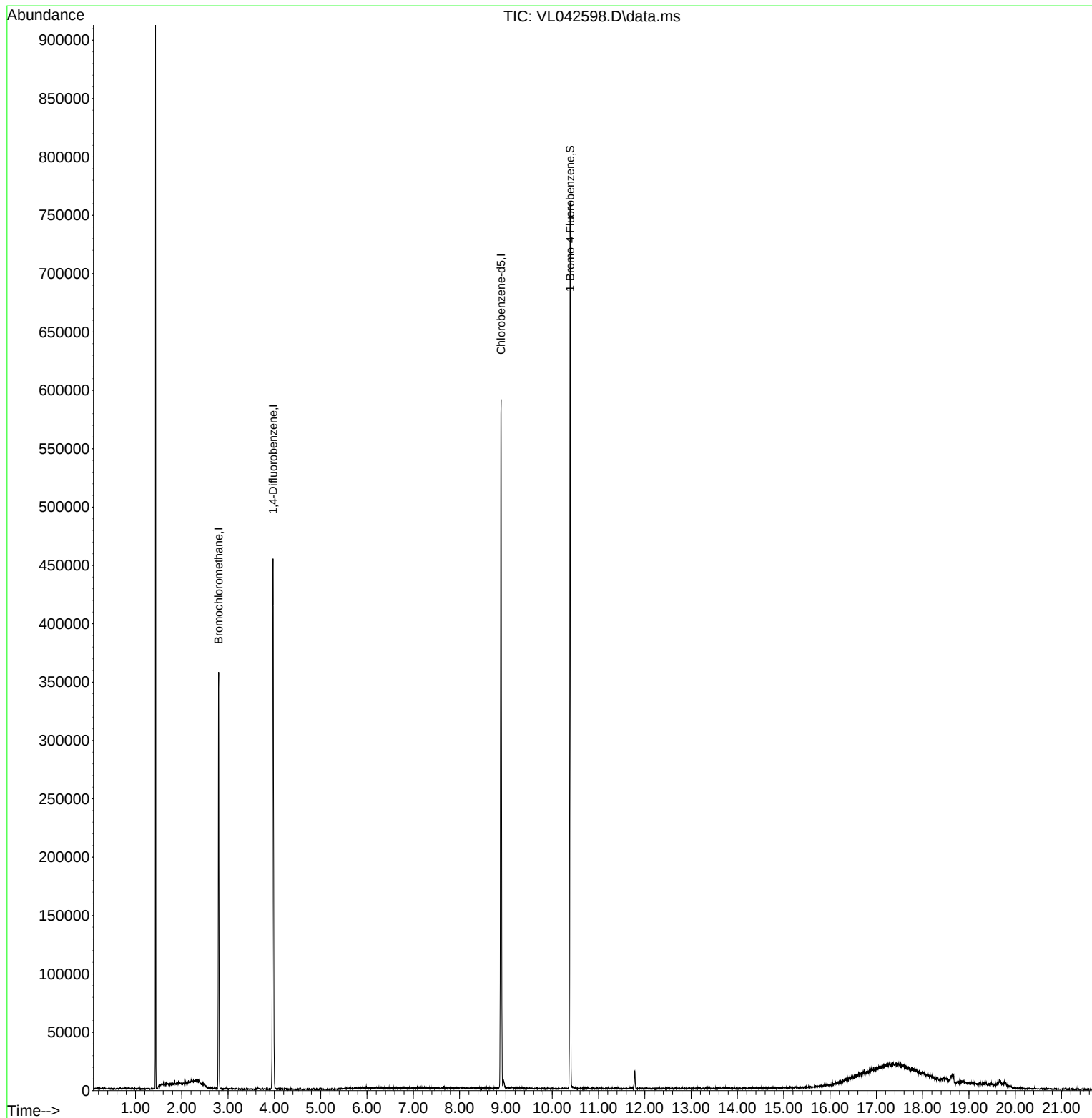
Target Compounds	Qvalue

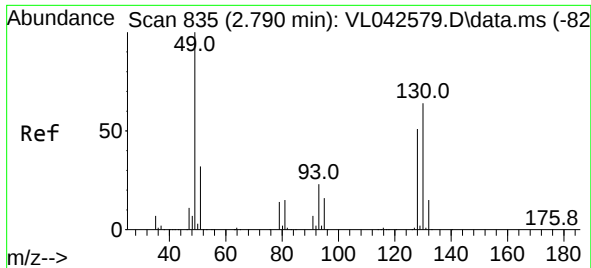
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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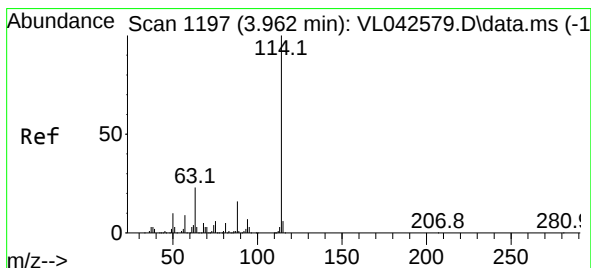
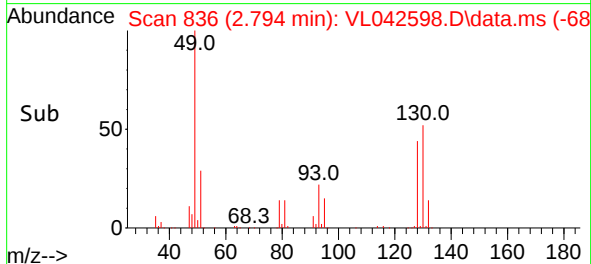
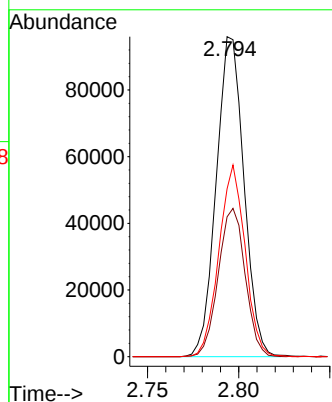
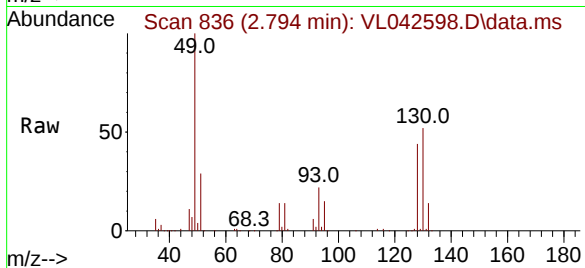




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL042598.D
Acq: 29 May 2025 22:18

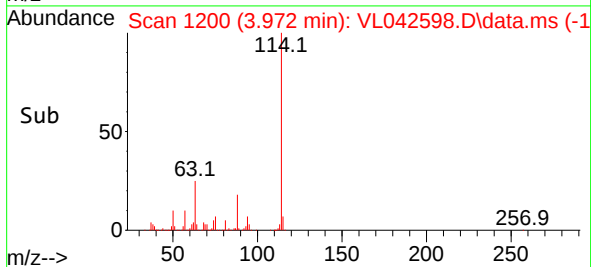
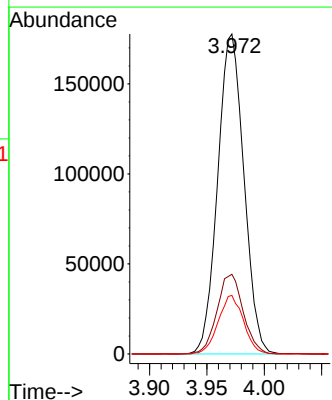
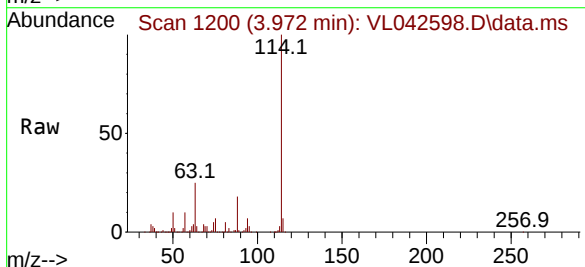
Instrument :
MSVOA_L
ClientSampleId :
QC052725 CAN 10609

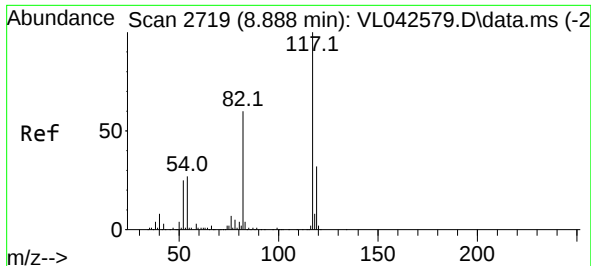
Tgt Ion: 49 Resp: 101427
Ion Ratio Lower Upper
49 100
128 45.0 24.2 72.6
130 56.7 30.4 91.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1200
Delta R.T. 0.010 min
Lab File: VL042598.D
Acq: 29 May 2025 22:18

Tgt Ion: 114 Resp: 282373
Ion Ratio Lower Upper
114 100
63 24.9 19.0 28.6
88 17.6 13.6 20.4

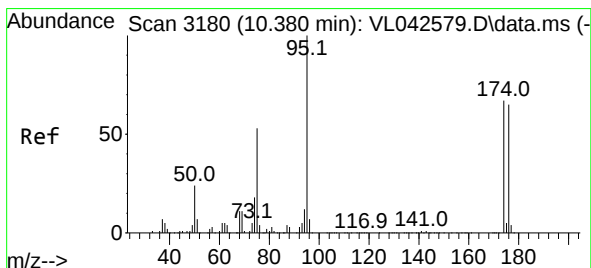
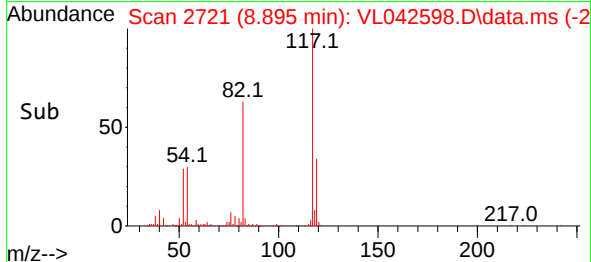
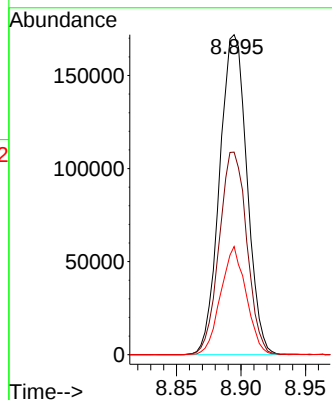
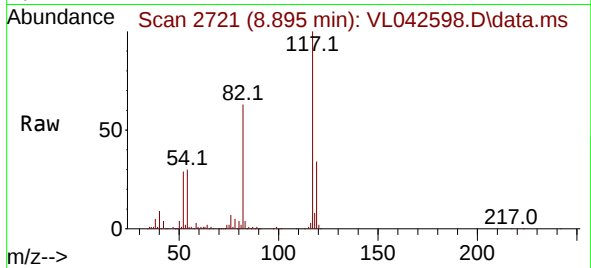




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042598.D
Acq: 29 May 2025 22:18

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion:117 Resp: 253475
Ion Ratio Lower Upper
117 100
82 63.9 51.2 76.8
119 31.6 26.3 39.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.151 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. 0.007 min
Lab File: VL042598.D
Acq: 29 May 2025 22:18

Tgt Ion: 95 Resp: 192879
Ion Ratio Lower Upper
95 100
174 62.7 53.1 79.7
175 5.0 4.2 6.2

