

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042599.D
 Acq On : 29 May 2025 22:52
 Operator : SY/MD
 Sample : CAN10053
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN10053

Quant Time: May 30 02:15:47 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	99269	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	273442	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	248692	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.384	95	189014	10.139	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%

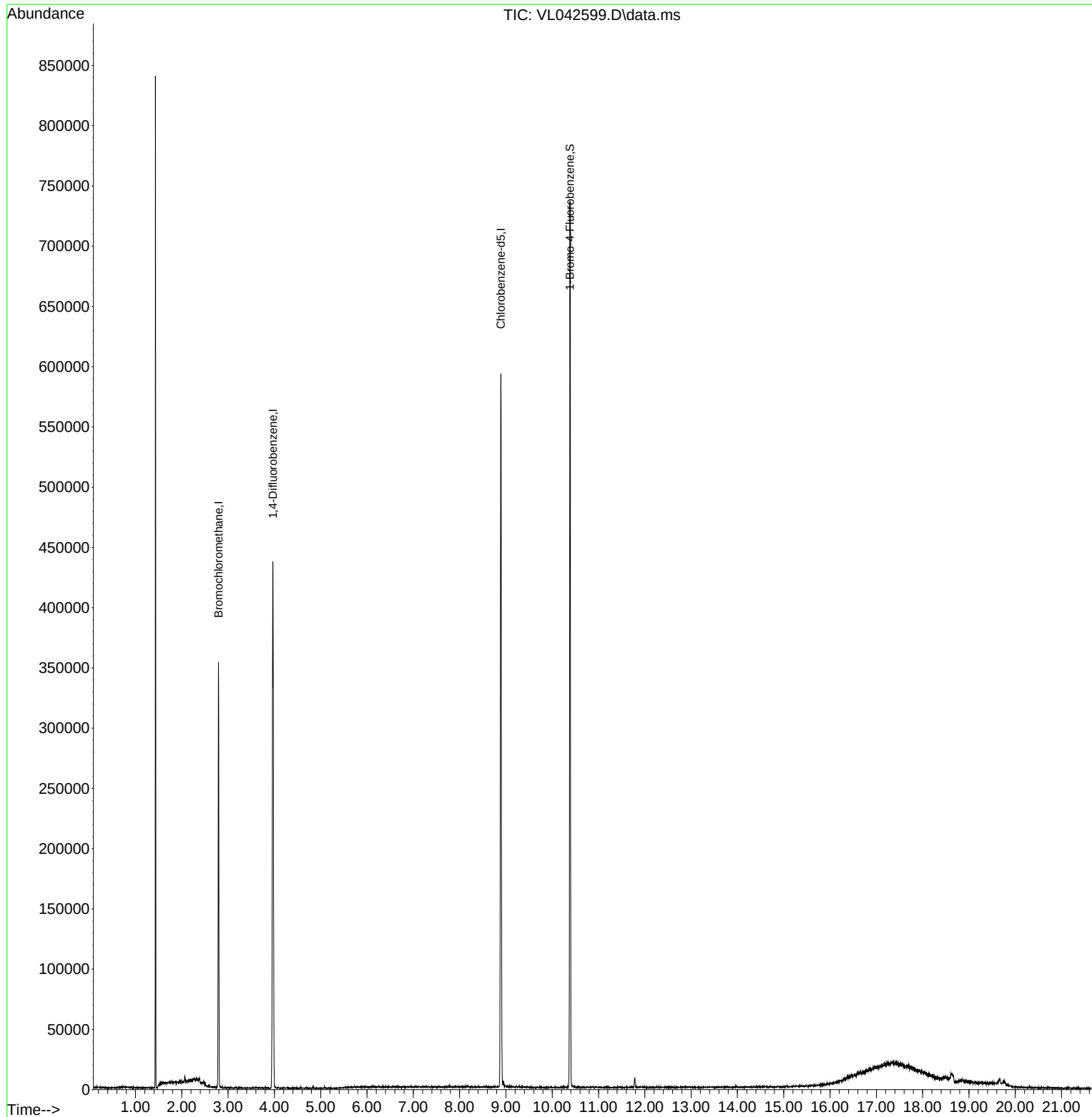
Target Compounds	Qvalue

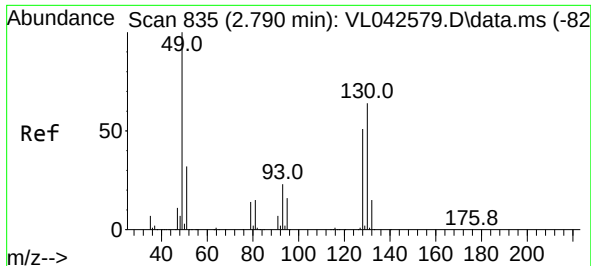
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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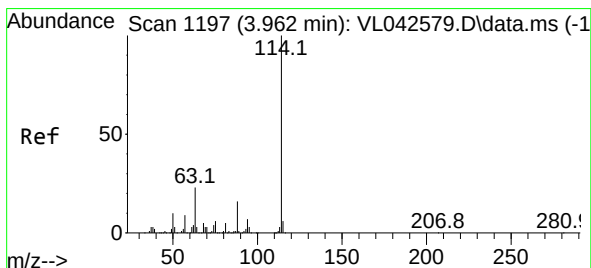
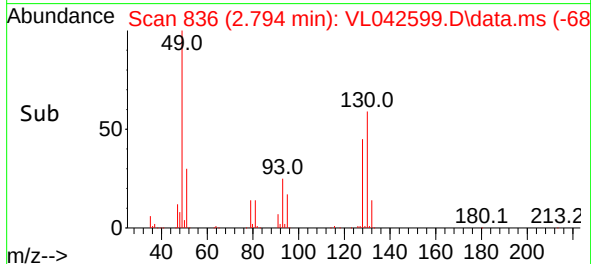
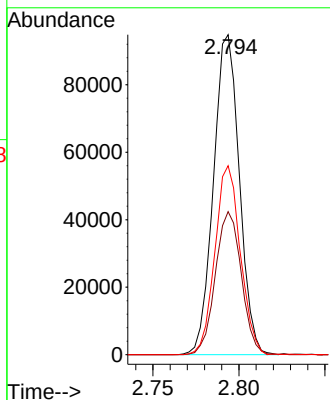
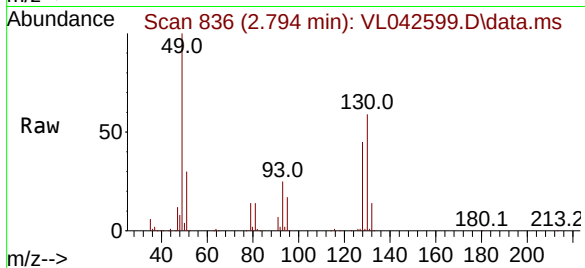




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL042599.D
Acq: 29 May 2025 22:52

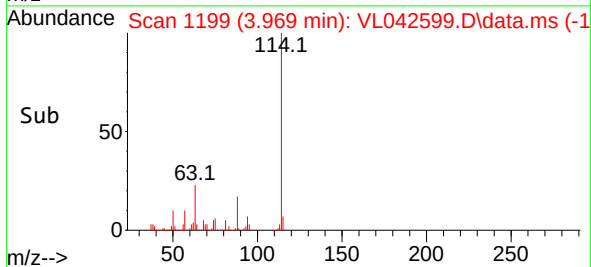
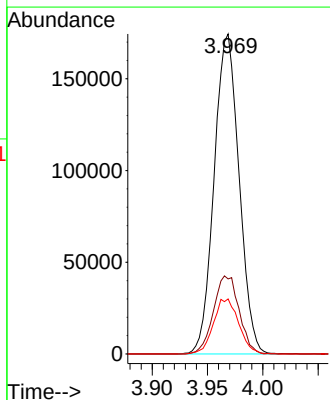
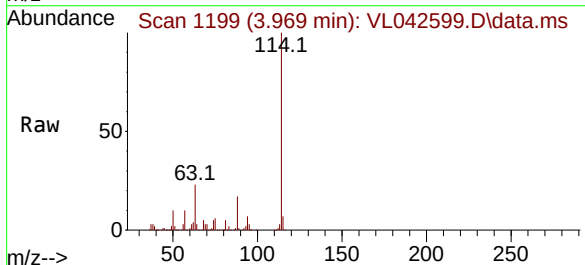
Instrument :
MSVOA_L
ClientSampleId :
CAN10053

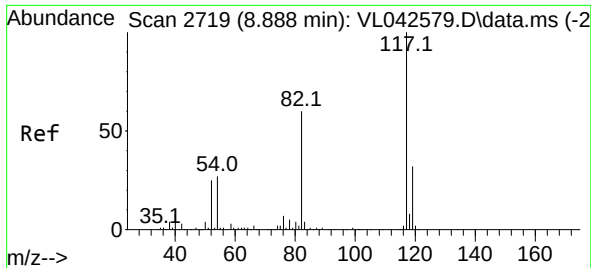
Tgt Ion: 49 Resp: 99269
Ion Ratio Lower Upper
49 100
128 44.9 24.2 72.6
130 58.1 30.4 91.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.969 min Scan# 1199
Delta R.T. 0.007 min
Lab File: VL042599.D
Acq: 29 May 2025 22:52

Tgt Ion: 114 Resp: 273442
Ion Ratio Lower Upper
114 100
63 25.1 19.0 28.6
88 17.4 13.6 20.4

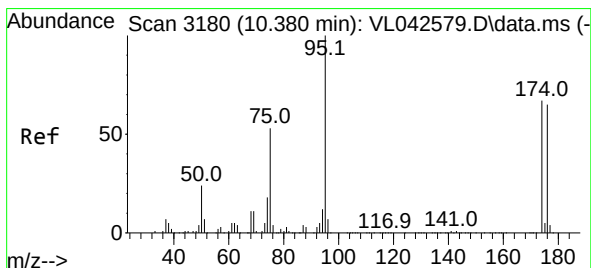
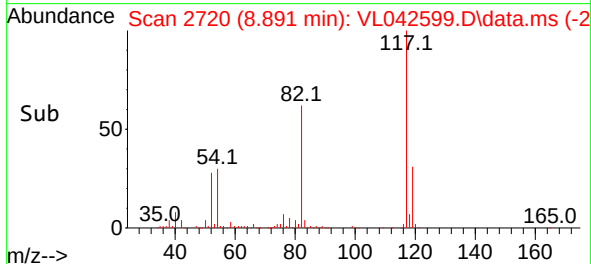
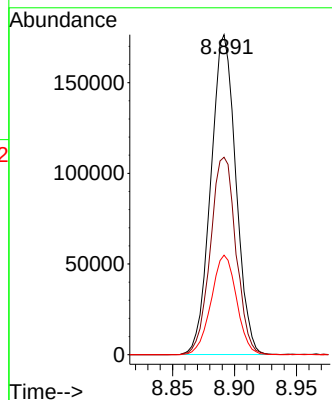
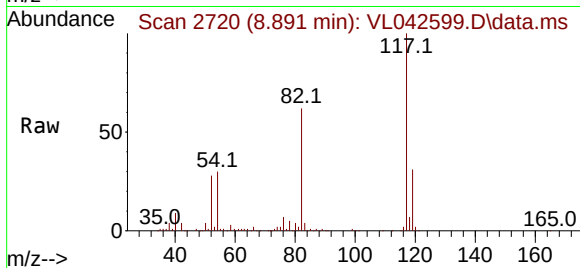




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042599.D
Acq: 29 May 2025 22:52

Instrument :
MSVOA_1
ClientSampleId :
CAN10053

Tgt Ion:117 Resp: 248692
Ion Ratio Lower Upper
117 100
82 63.3 51.2 76.8
119 31.6 26.3 39.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.139 ppbv
RT: 10.384 min Scan# 3181
Delta R.T. 0.003 min
Lab File: VL042599.D
Acq: 29 May 2025 22:52

Tgt Ion: 95 Resp: 189014
Ion Ratio Lower Upper
95 100
174 64.1 53.1 79.7
175 4.9 4.2 6.2

