

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042596.D
 Acq On : 29 May 2025 21:10
 Operator : SY/MD
 Sample : Q2124-01DUP 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DUP

Quant Time: May 30 02:14:51 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	2.793	49	101808	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	299052	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	268281	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.387	95	201127	10.001	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.000%

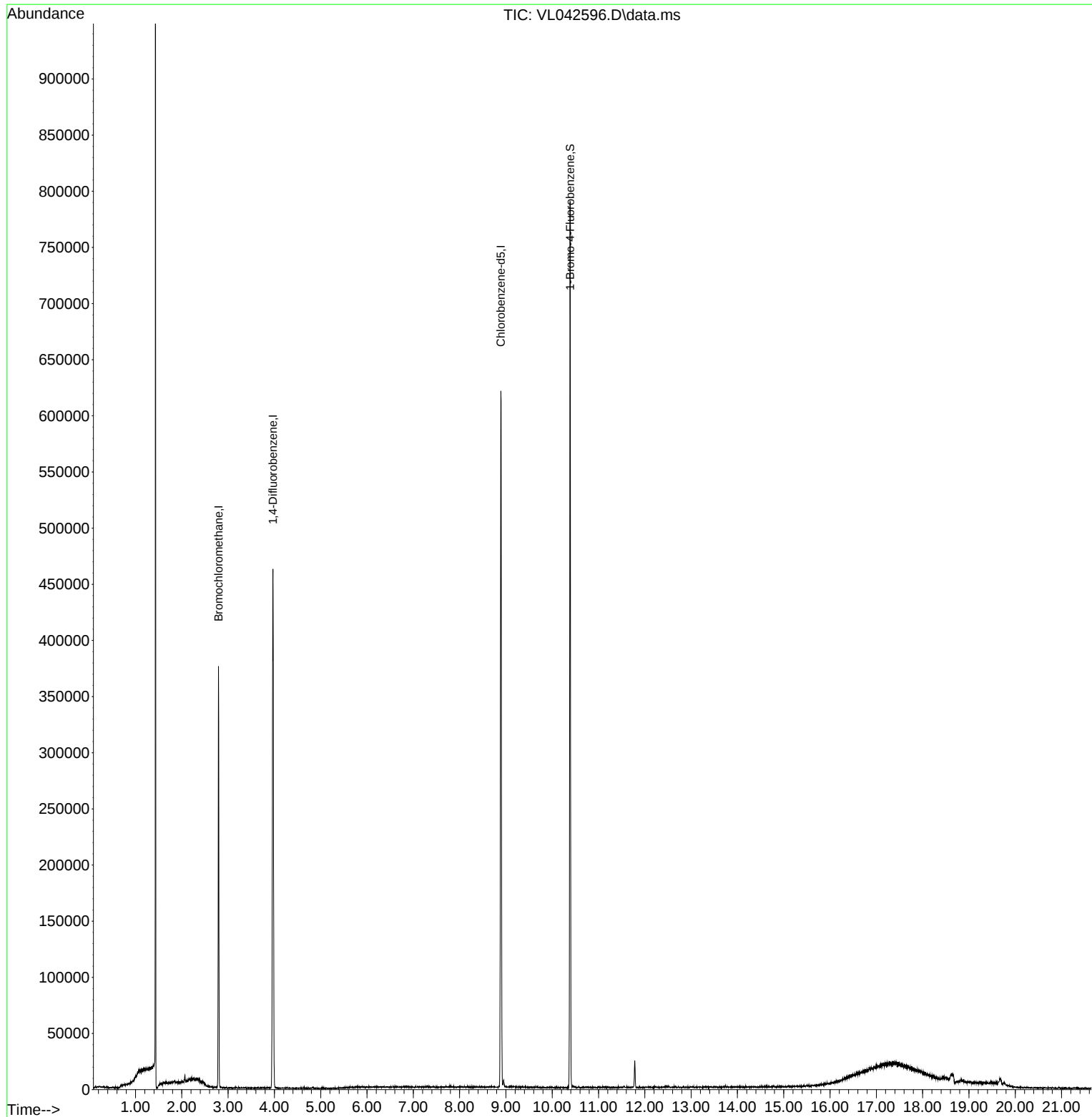
Target Compounds	Qvalue

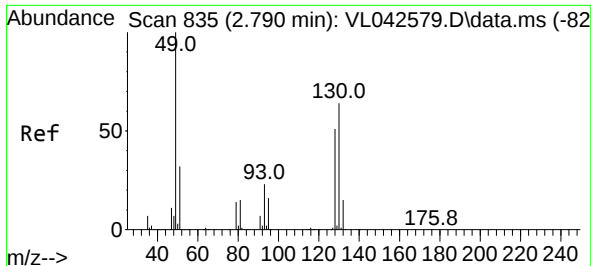
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
Data File : VL042596.D
Acq On : 29 May 2025 21:10
Operator : SY/MD
Sample : Q2124-01DUP 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Quant Time: May 30 02:14:51 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

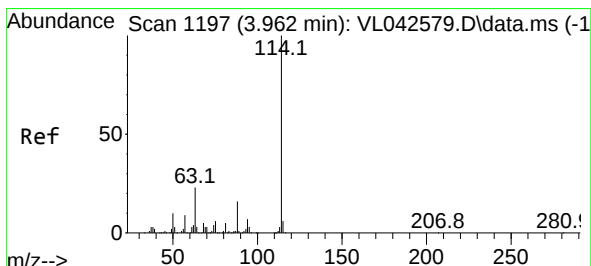
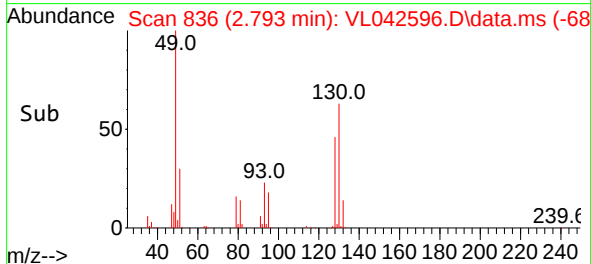
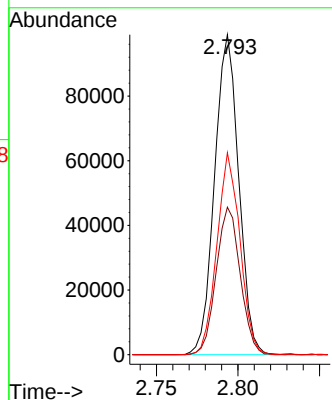
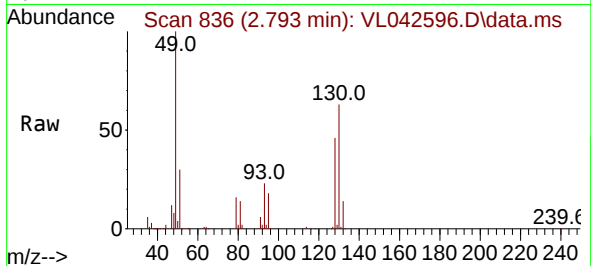




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042596.D
Acq: 29 May 2025 21:10

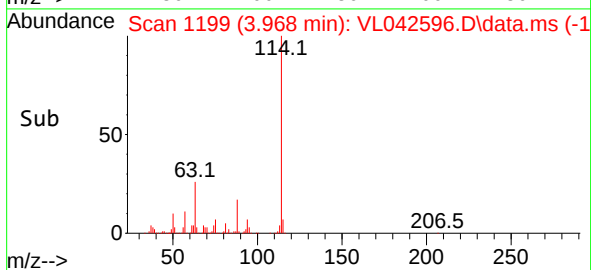
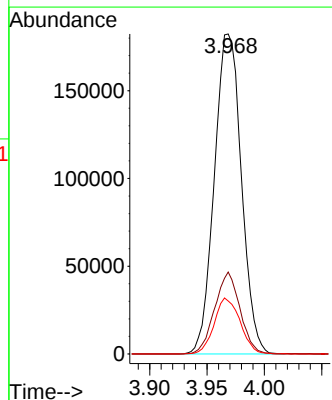
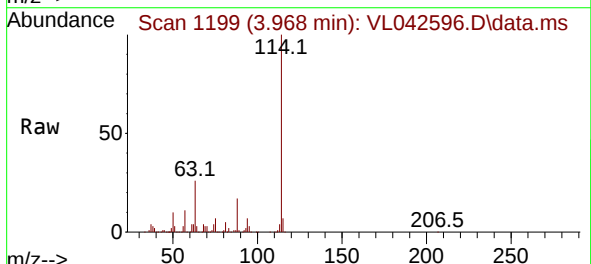
Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

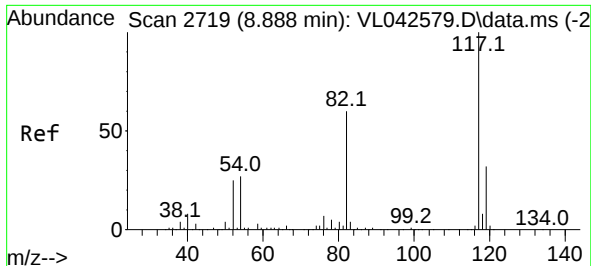
Tgt Ion: 49 Resp: 101808
Ion Ratio Lower Upper
49 100
128 46.0 24.2 72.6
130 60.3 30.4 91.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. 0.006 min
Lab File: VL042596.D
Acq: 29 May 2025 21:10

Tgt Ion: 114 Resp: 299052
Ion Ratio Lower Upper
114 100
63 24.0 19.0 28.6
88 16.8 13.6 20.4

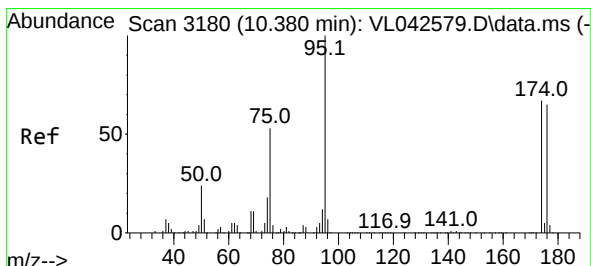
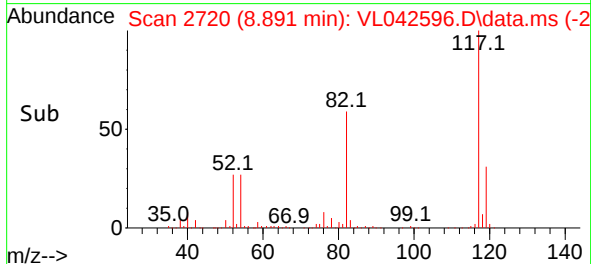
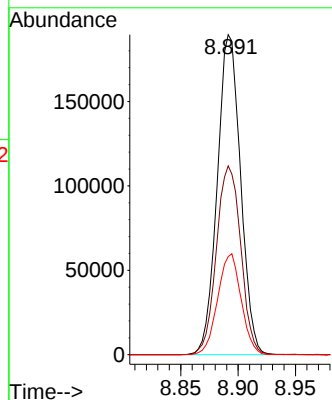
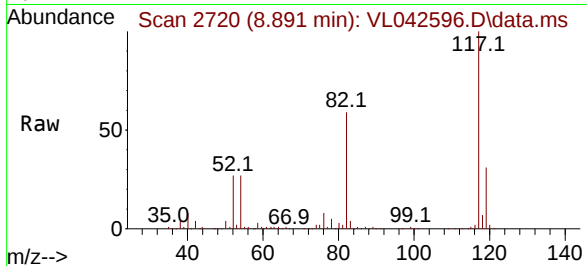




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL042596.D
Acq: 29 May 2025 21:10

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion:117 Resp: 268281
Ion Ratio Lower Upper
117 100
82 61.7 51.2 76.8
119 31.7 26.3 39.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.001 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. 0.006 min
Lab File: VL042596.D
Acq: 29 May 2025 21:10

Tgt Ion: 95 Resp: 201127
Ion Ratio Lower Upper
95 100
174 64.7 53.1 79.7
175 5.0 4.2 6.2

