

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042587.D
 Acq On : 29 May 2025 15:44
 Operator : SY/MD
 Sample : VL0529ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0529ABL01

Quant Time: May 30 02:09:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	102490	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	304740	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	272322	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.383	95	207032	10.142	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%

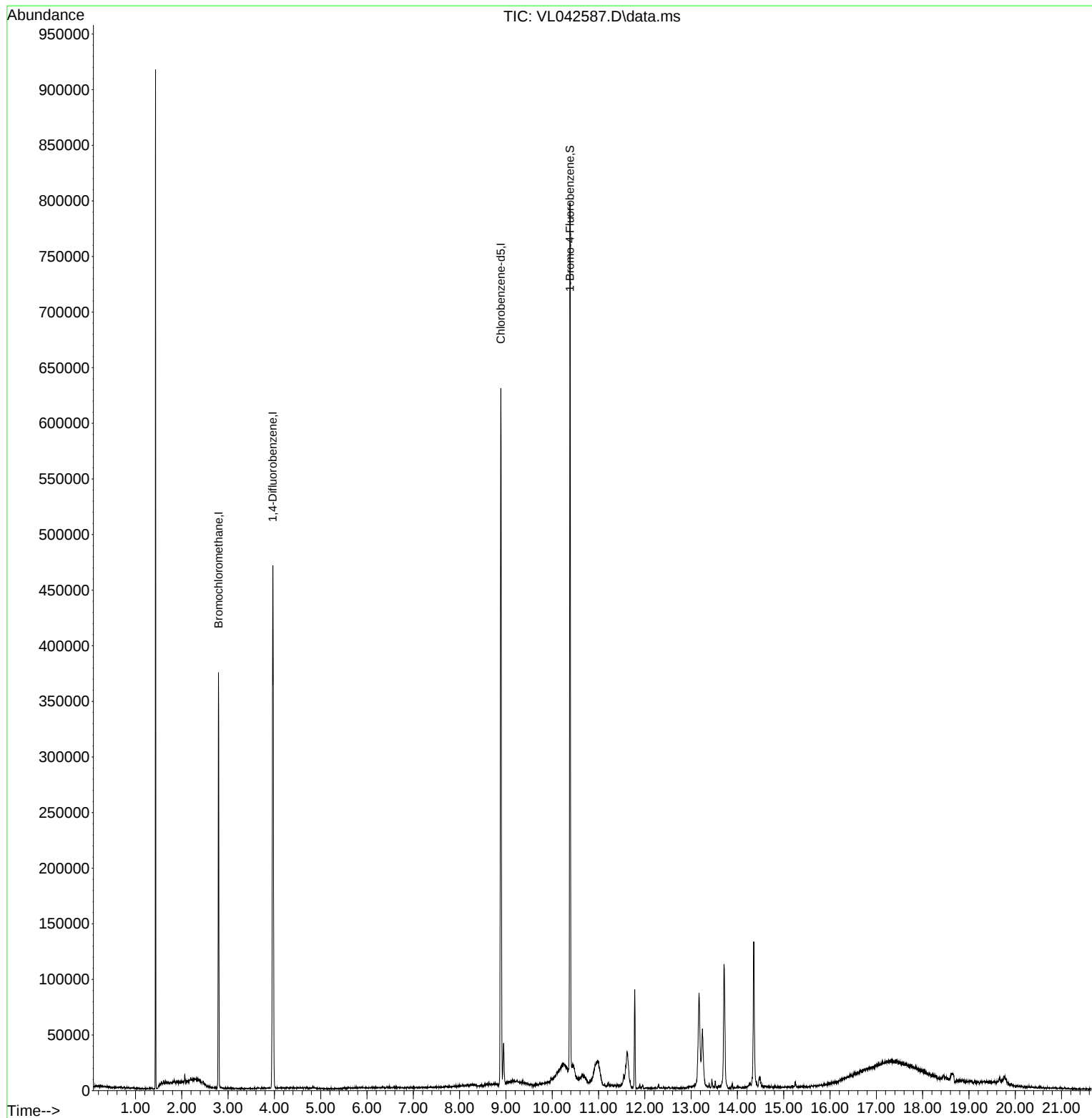
Target Compounds	Qvalue

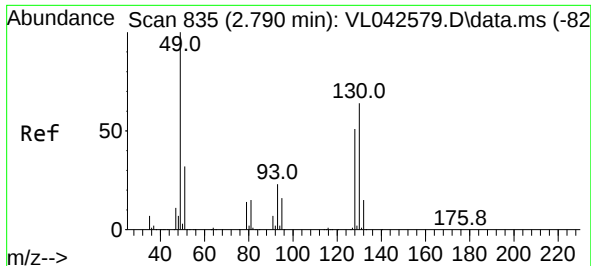
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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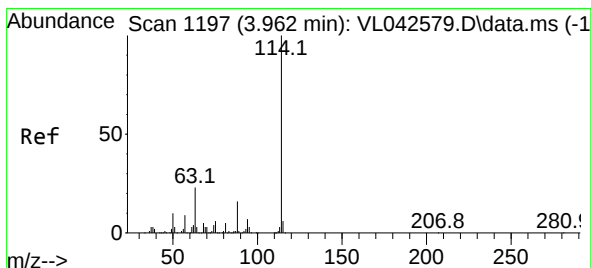
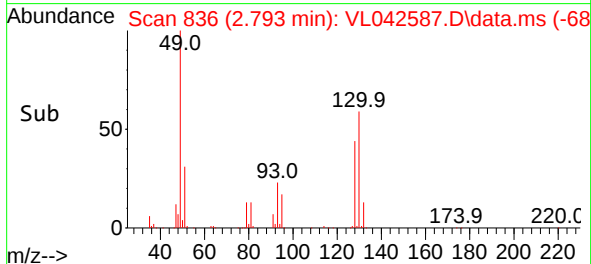
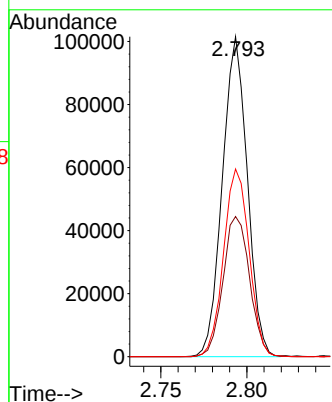
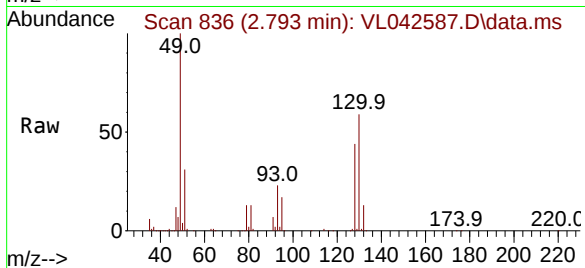




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042587.D
Acq: 29 May 2025 15:44

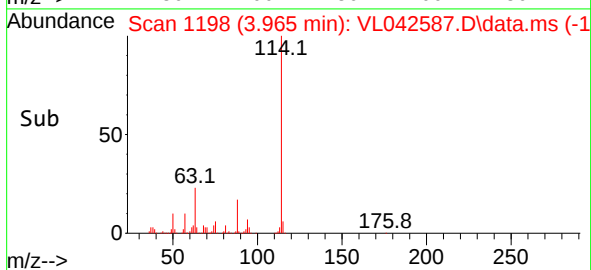
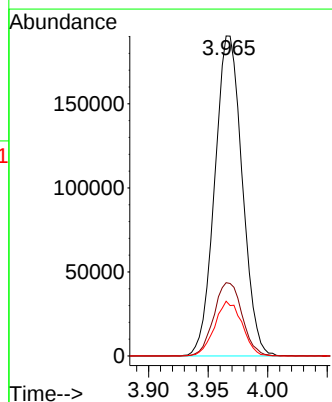
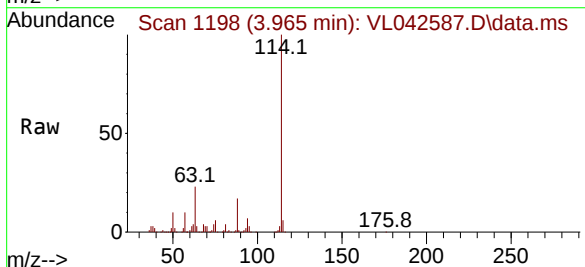
Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL01

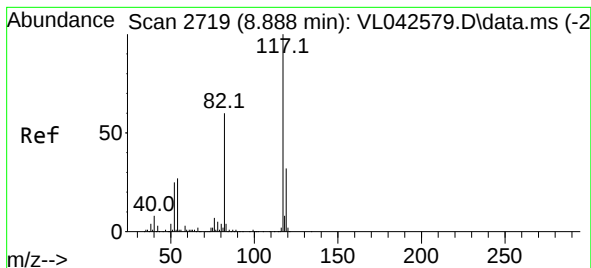
Tgt Ion: 49 Resp: 102490
Ion Ratio Lower Upper
49 100
128 46.7 24.2 72.6
130 60.0 30.4 91.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.003 min
Lab File: VL042587.D
Acq: 29 May 2025 15:44

Tgt Ion: 114 Resp: 304740
Ion Ratio Lower Upper
114 100
63 23.6 19.0 28.6
88 17.0 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: VL042587.D

Acq: 29 May 2025 15:44

Instrument :

MSVOA_L

ClientSampleId :

VL0529ABL01

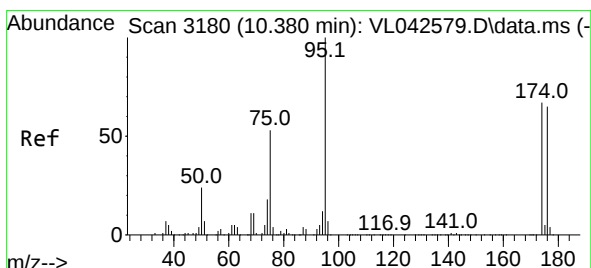
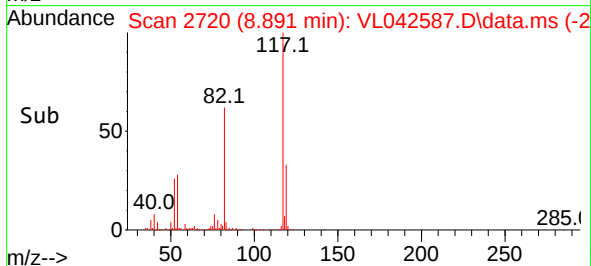
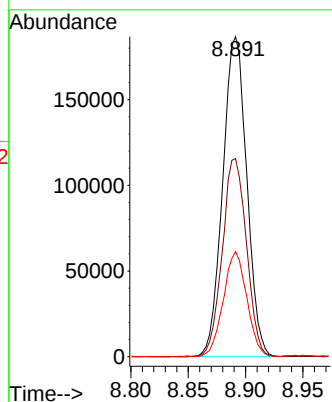
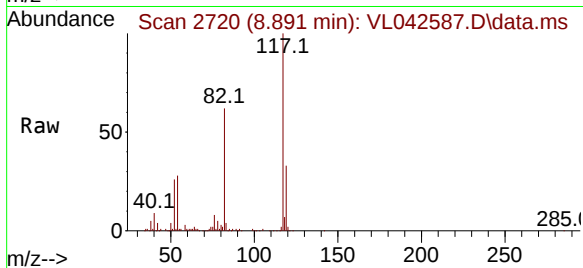
Tgt Ion:117 Resp: 272322

Ion Ratio Lower Upper

117 100

82 62.2 51.2 76.8

119 32.2 26.3 39.5



#68

1-Bromo-4-Fluorobenzene

Concen: 10.142 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. 0.003 min

Lab File: VL042587.D

Acq: 29 May 2025 15:44

Tgt Ion: 95 Resp: 207032

Ion Ratio Lower Upper

95 100

174 65.6 53.1 79.7

175 5.1 4.2 6.2

