

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042588.D
 Acq On : 29 May 2025 16:50
 Operator : SY/MD
 Sample : VL0529ABL02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0529ABL02

Quant Time: May 30 02:20:47 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	2.797	49	102651	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	295997	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	264969	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.386	95	199114	10.025	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.200%

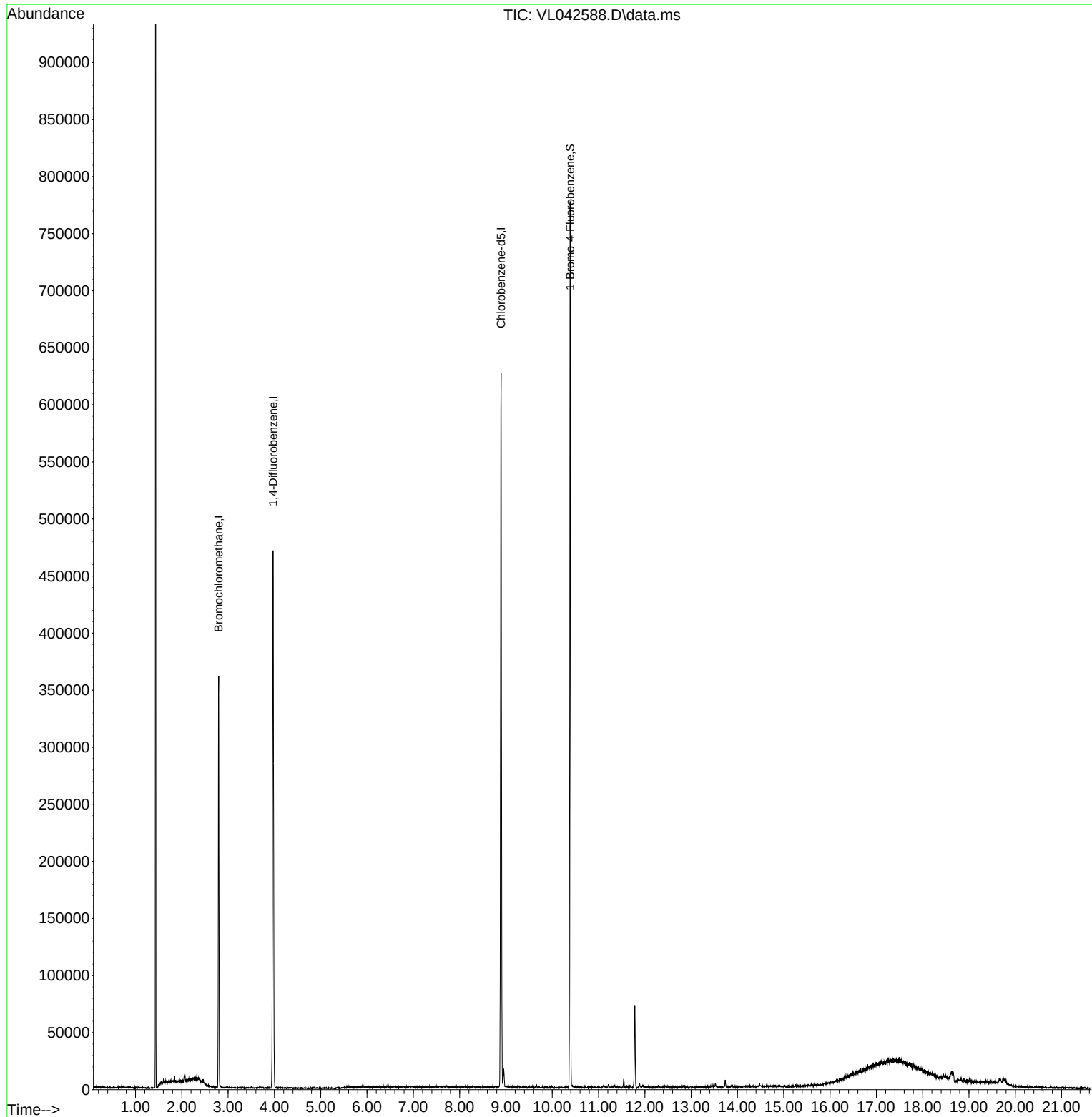
Target Compounds	Qvalue

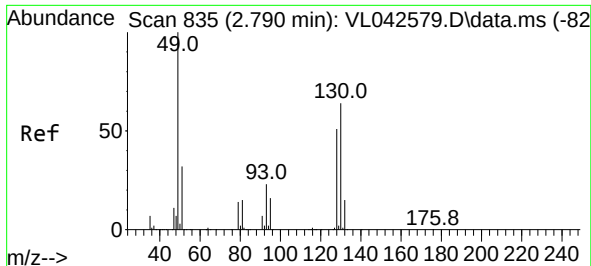
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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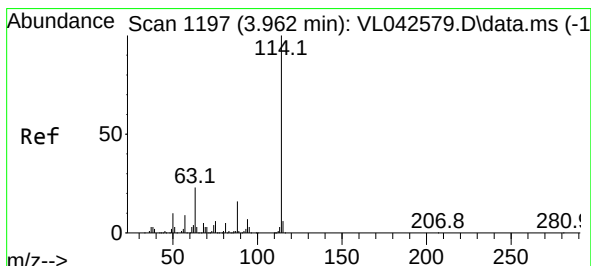
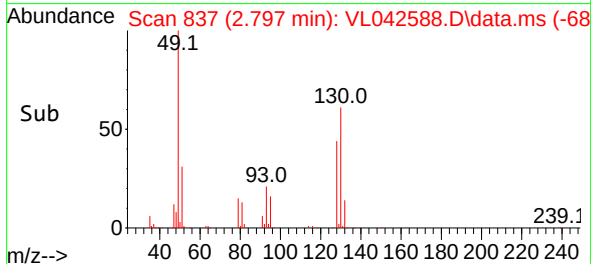
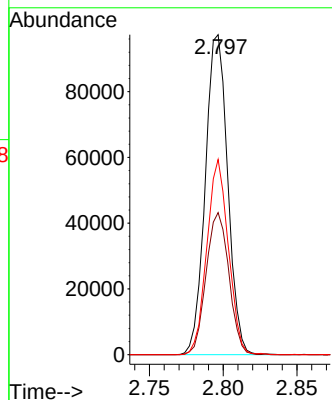
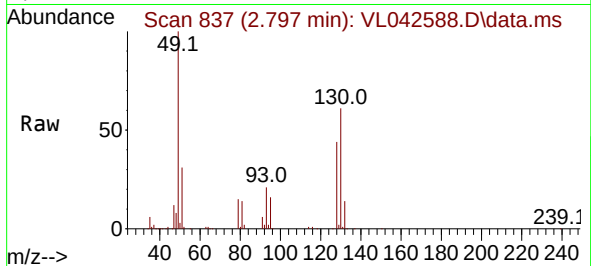




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.797 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VL042588.D
 Acq: 29 May 2025 16:50

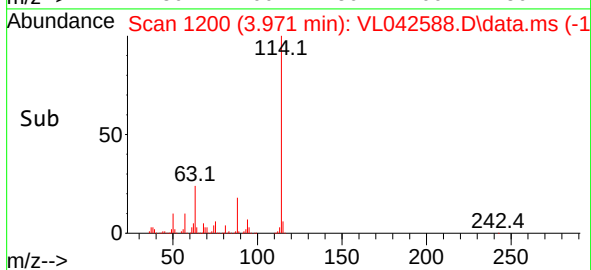
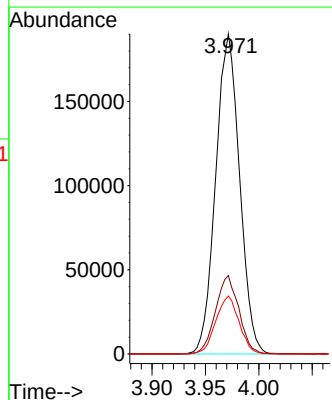
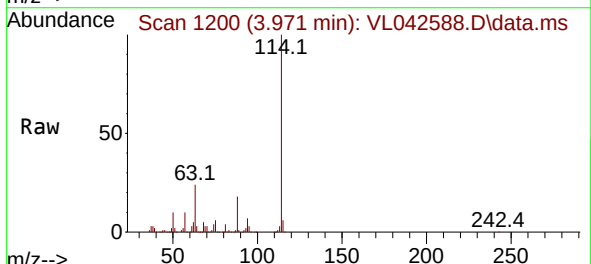
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0529ABL02

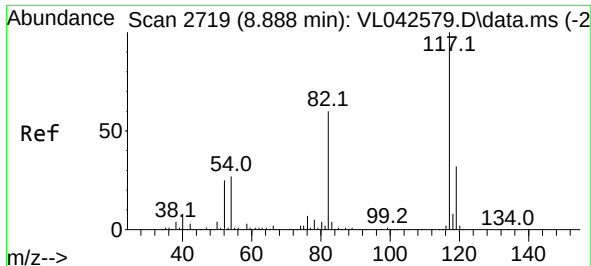
Tgt Ion: 49 Resp: 102651
 Ion Ratio Lower Upper
 49 100
 128 45.2 24.2 72.6
 130 58.5 30.4 91.2



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.971 min Scan# 1200
 Delta R.T. 0.010 min
 Lab File: VL042588.D
 Acq: 29 May 2025 16:50

Tgt Ion: 114 Resp: 295997
 Ion Ratio Lower Upper
 114 100
 63 23.9 19.0 28.6
 88 17.6 13.6 20.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.894 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL042588.D

Acq: 29 May 2025 16:50

Instrument :

MSVOA_1

ClientSampleId :

VL0529ABL02

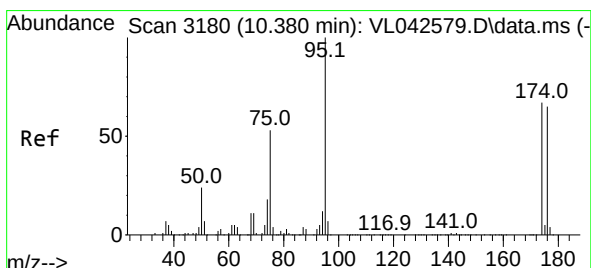
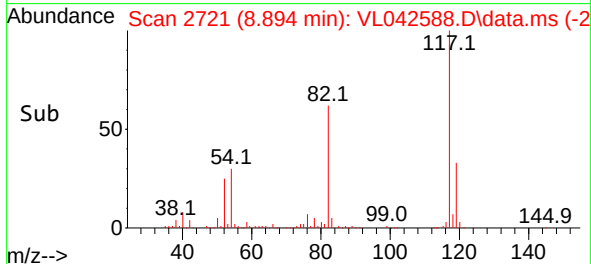
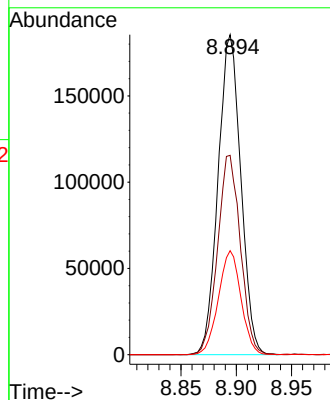
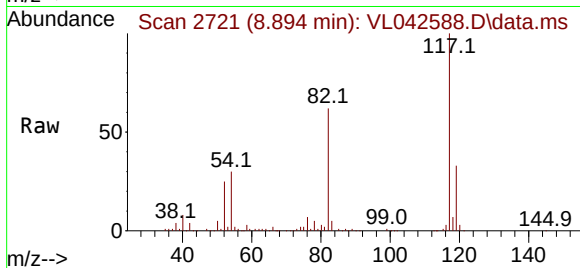
Tgt Ion:117 Resp: 264969

Ion Ratio Lower Upper

117 100

82 62.4 51.2 76.8

119 32.4 26.3 39.5



#68

1-Bromo-4-Fluorobenzene

Concen: 10.025 ppbv

RT: 10.386 min Scan# 3182

Delta R.T. 0.006 min

Lab File: VL042588.D

Acq: 29 May 2025 16:50

Tgt Ion: 95 Resp: 199114

Ion Ratio Lower Upper

95 100

174 66.7 53.1 79.7

175 5.1 4.2 6.2

