

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061725\
 Data File : VL042642.D
 Acq On : 17 Jun 2025 10:27
 Operator : SY/MD
 Sample : VL0617ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0617ABL01

Quant Time: Jun 18 04:23:09 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	2.790	49	101803	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	262889	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	227238	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	172423	10.122	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%

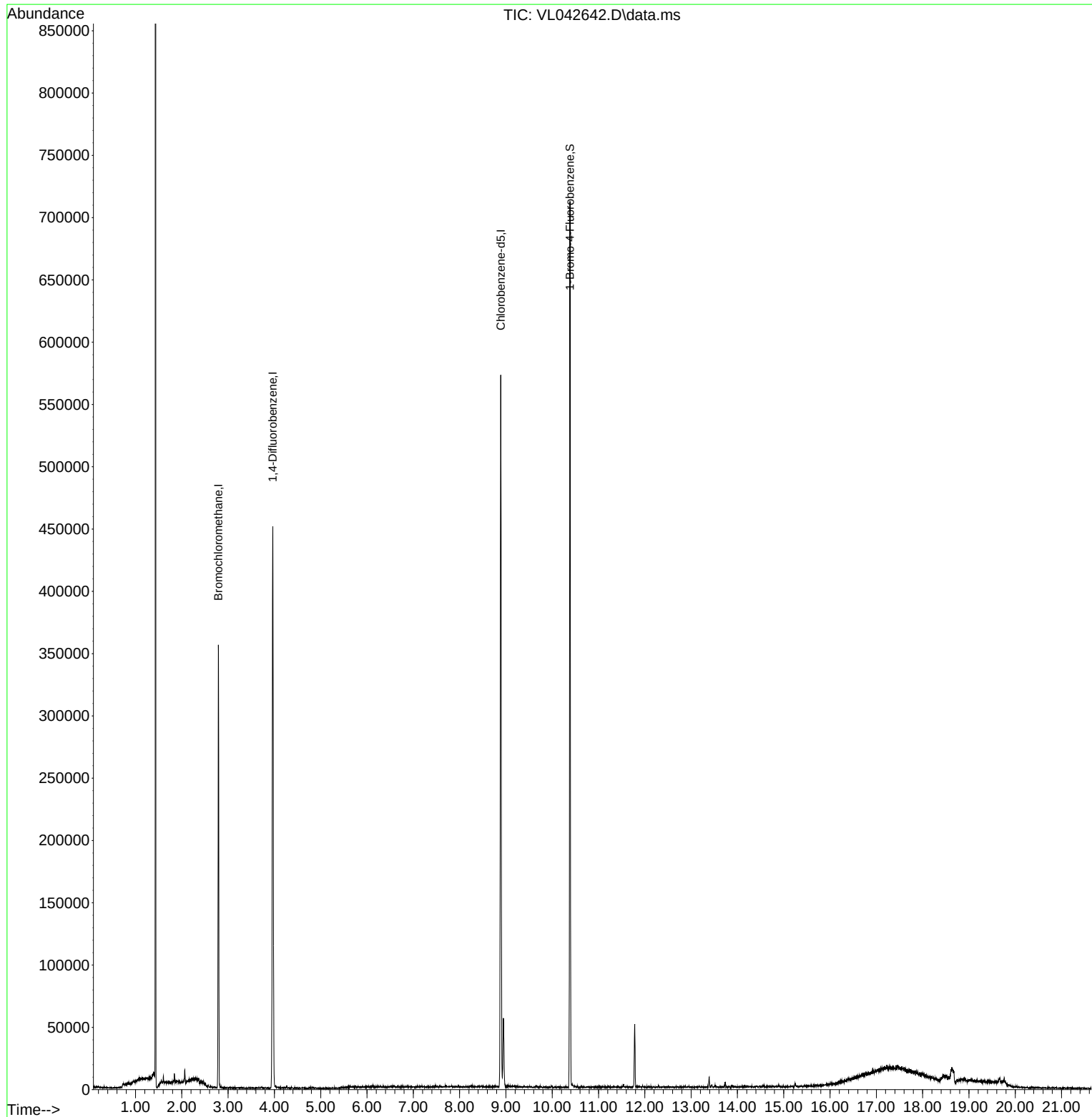
Target Compounds	Qvalue

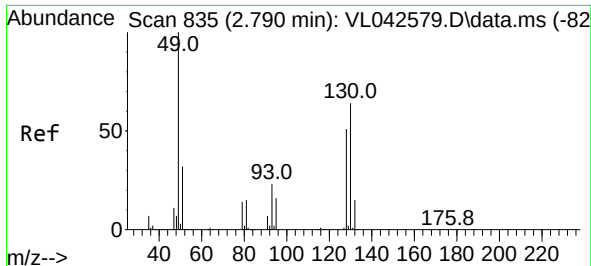
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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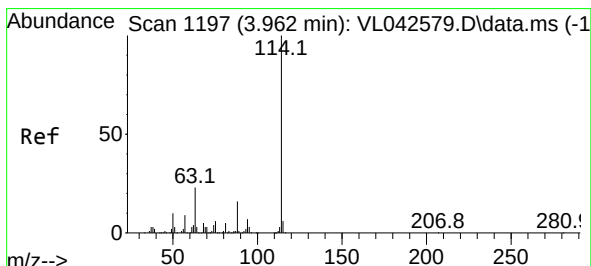
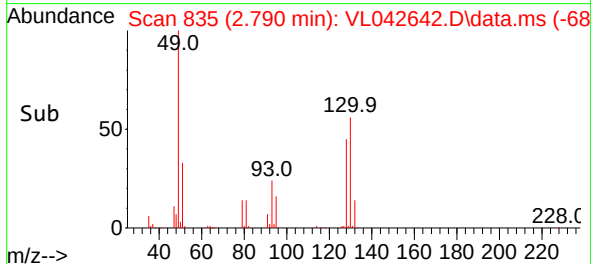
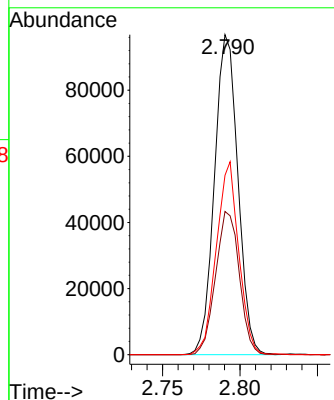
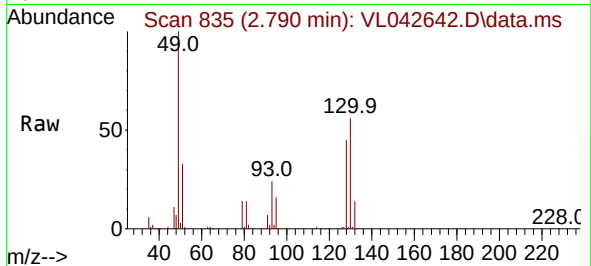




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042642.D
Acq: 17 Jun 2025 10:27

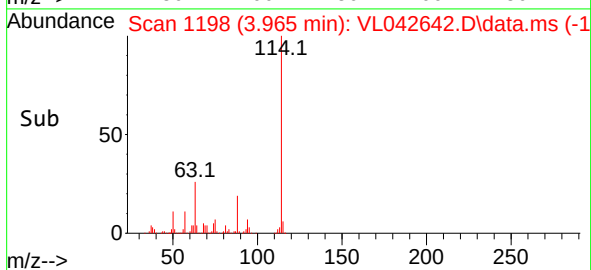
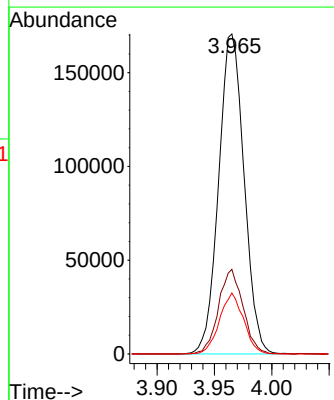
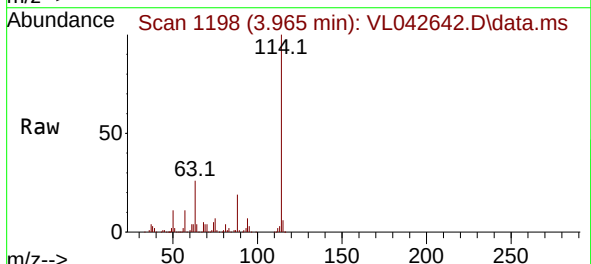
Instrument :
MSVOA_L
ClientSampleId :
VL0617ABL01

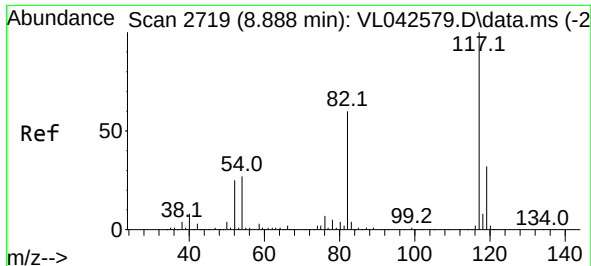
Tgt Ion: 49 Resp: 101803
Ion Ratio Lower Upper
49 100
128 45.4 24.2 72.6
130 57.8 30.4 91.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.003 min
Lab File: VL042642.D
Acq: 17 Jun 2025 10:27

Tgt Ion: 114 Resp: 262889
Ion Ratio Lower Upper
114 100
63 25.6 19.0 28.6
88 18.0 13.6 20.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL042642.D

Acq: 17 Jun 2025 10:27

Instrument :

MSVOA_1

ClientSampleId :

VL0617ABL01

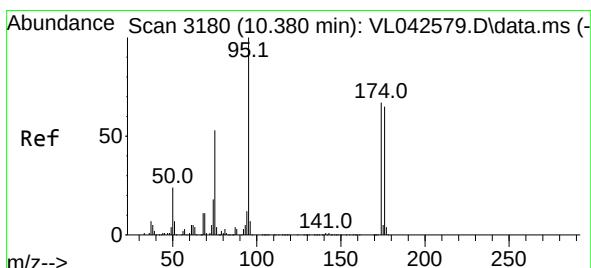
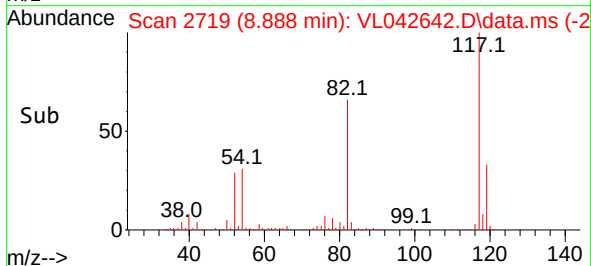
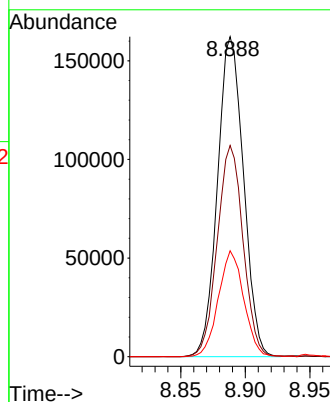
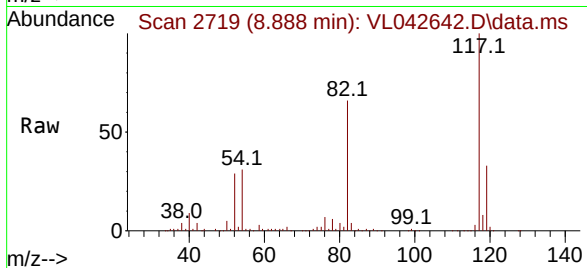
Tgt Ion:117 Resp: 227238

Ion Ratio Lower Upper

117 100

82 65.4 51.2 76.8

119 32.4 26.3 39.5



#68

1-Bromo-4-Fluorobenzene

Concen: 10.122 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. 0.003 min

Lab File: VL042642.D

Acq: 17 Jun 2025 10:27

Tgt Ion: 95 Resp: 172423

Ion Ratio Lower Upper

95 100

174 62.9 53.1 79.7

175 4.6 4.2 6.2

