

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
 Data File : VL042604.D
 Acq On : 03 Jun 2025 10:53
 Operator : SY/MD
 Sample : VL0603ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABL01

Quant Time: Jun 04 01:37:18 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	2.784	49	99329	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.953	114	280531	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.879	117	249364	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.371	95	187874	10.051	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%

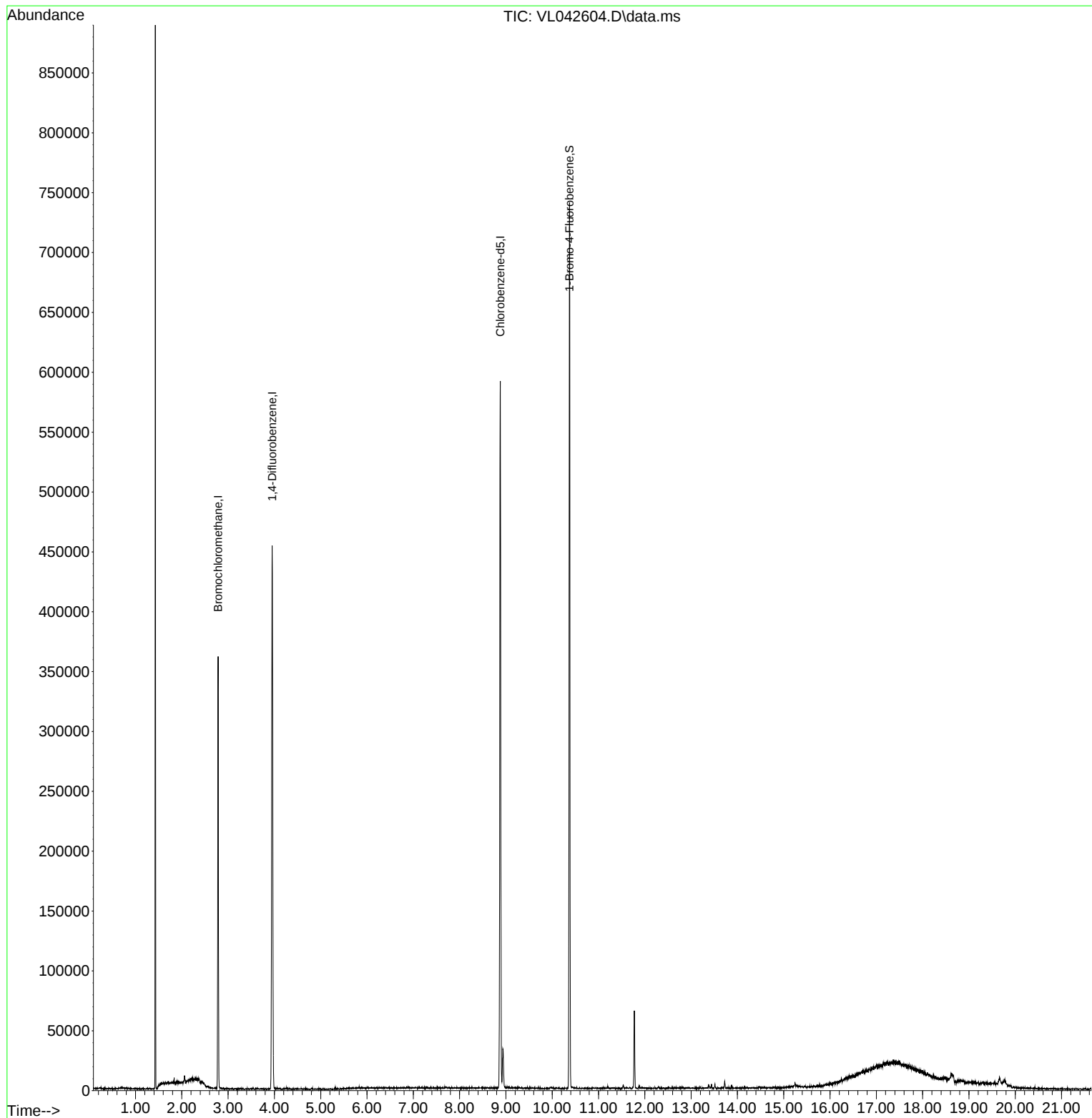
Target Compounds	Qvalue

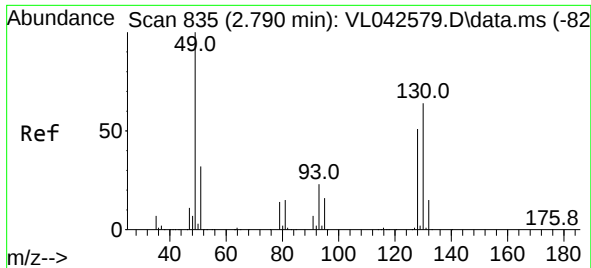
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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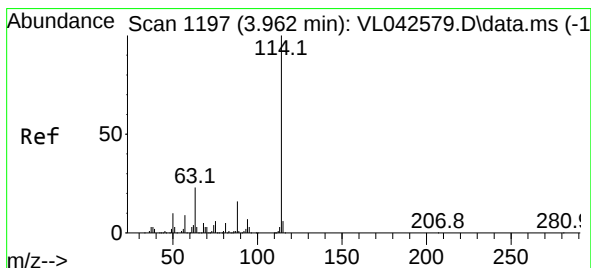
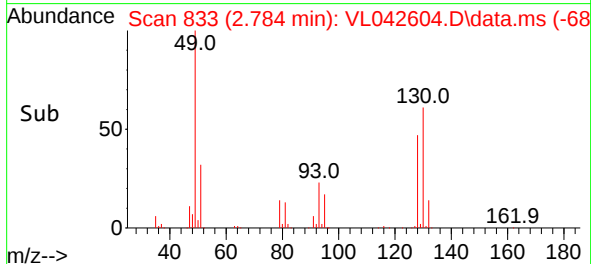
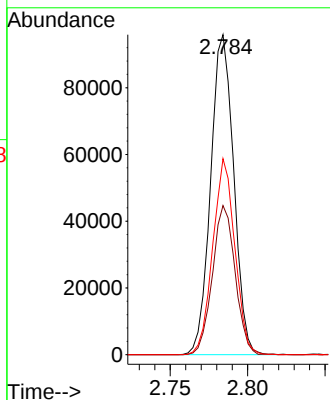
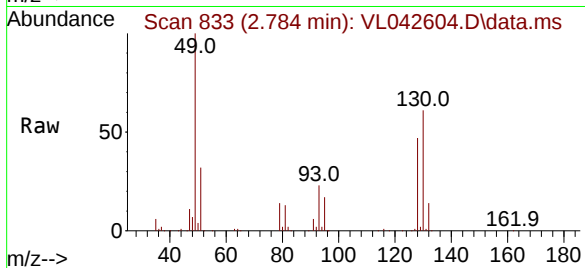




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL042604.D
Acq: 03 Jun 2025 10:53

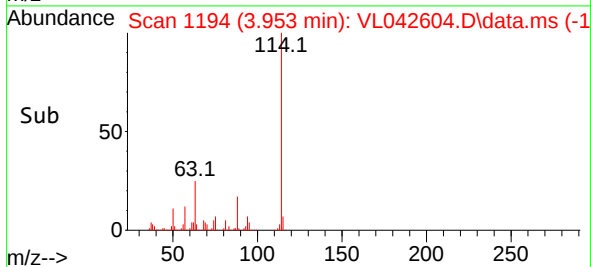
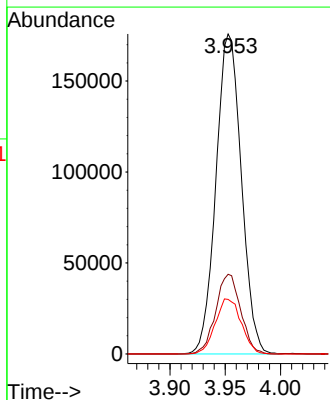
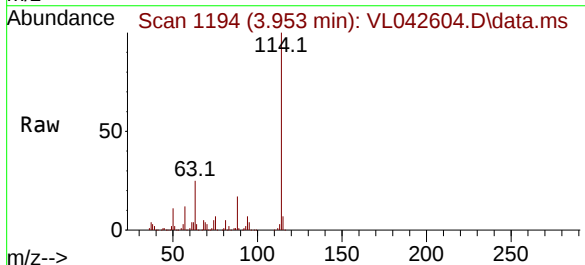
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABL01

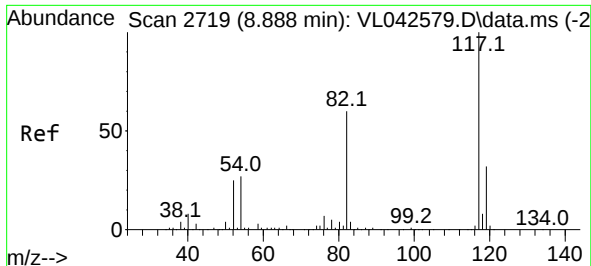
Tgt Ion: 49 Resp: 99329
Ion Ratio Lower Upper
49 100
128 45.8 24.2 72.6
130 58.6 30.4 91.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.953 min Scan# 1194
Delta R.T. -0.009 min
Lab File: VL042604.D
Acq: 03 Jun 2025 10:53

Tgt Ion: 114 Resp: 280531
Ion Ratio Lower Upper
114 100
63 24.5 19.0 28.6
88 17.6 13.6 20.4

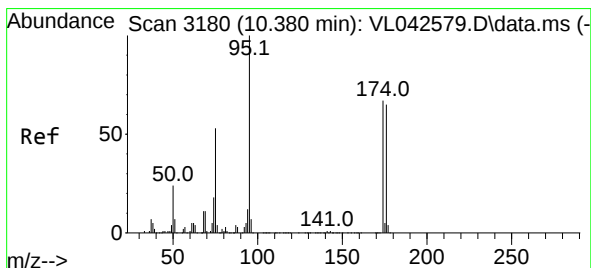
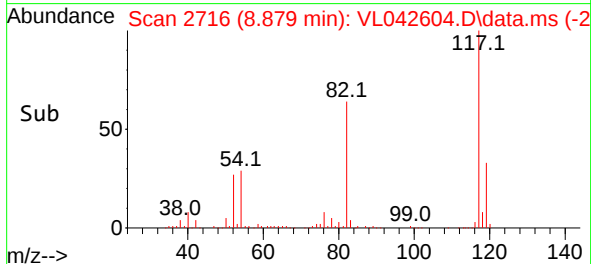
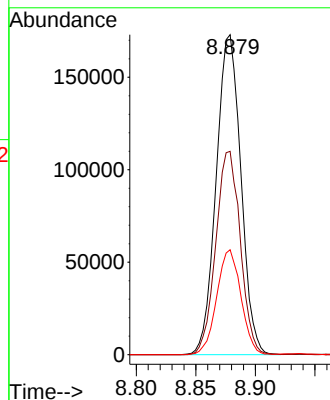
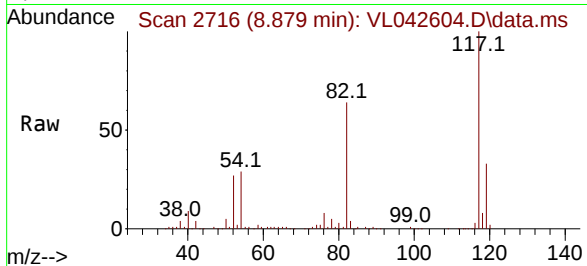




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.879 min Scan# 21
Delta R.T. -0.009 min
Lab File: VL042604.D
Acq: 03 Jun 2025 10:53

Instrument :
MSVOA_L
ClientSampleId :
VL0603ABL01

Tgt Ion:117 Resp: 249364
Ion Ratio Lower Upper
117 100
82 63.0 51.2 76.8
119 32.5 26.3 39.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.051 ppbv
RT: 10.371 min Scan# 3177
Delta R.T. -0.009 min
Lab File: VL042604.D
Acq: 03 Jun 2025 10:53

Tgt Ion: 95 Resp: 187874
Ion Ratio Lower Upper
95 100
174 64.8 53.1 79.7
175 4.9 4.2 6.2

