

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101525\
 Data File : VL043115.D
 Acq On : 15 Oct 2025 09:34
 Operator : SY/MD
 Sample : VL1015ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1015ABL01

Quant Time: Oct 16 01:14:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.787	49	94939	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	308682	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	273385	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	214813	10.109	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%

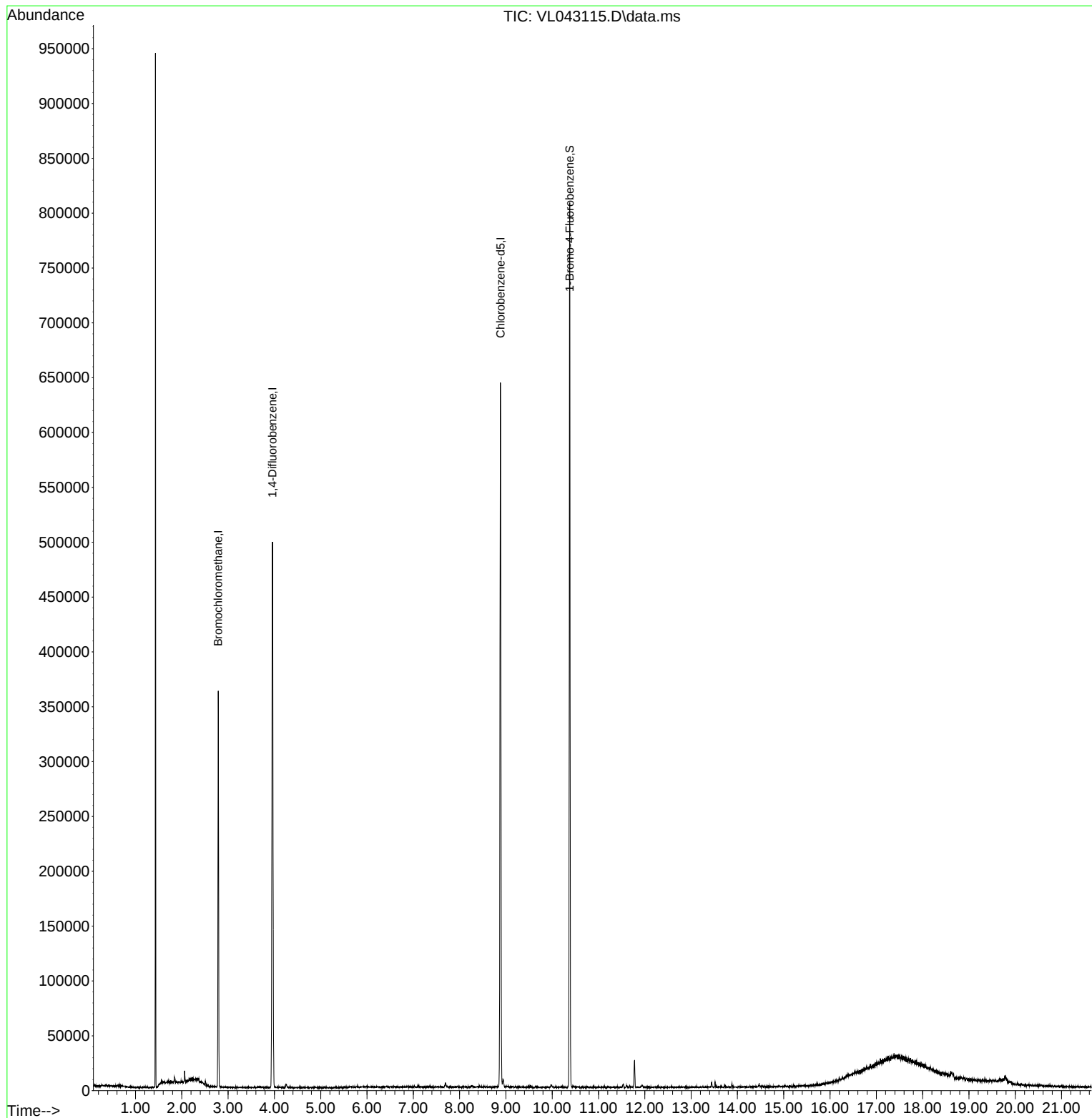
Target Compounds	Qvalue

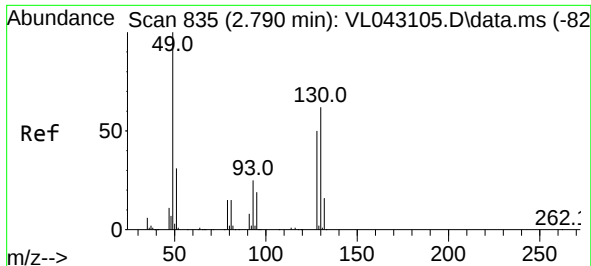
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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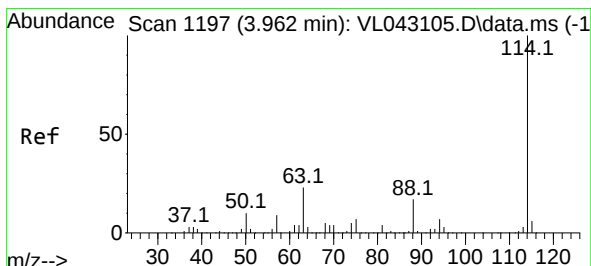
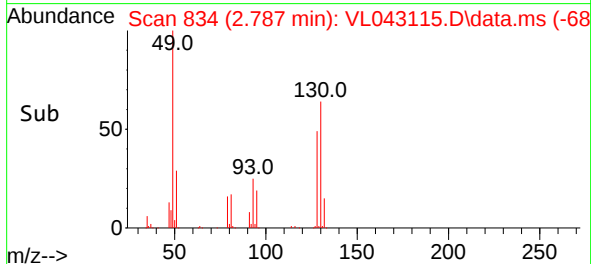
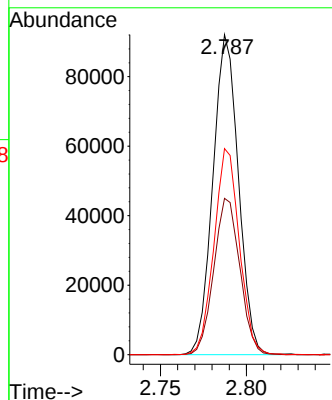
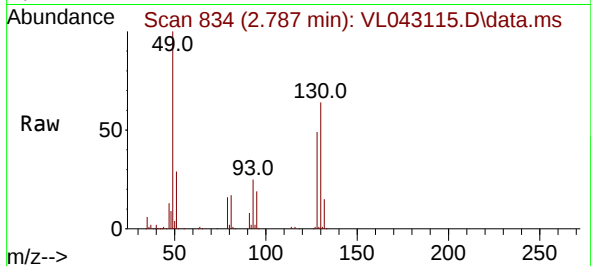




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL043115.D
Acq: 15 Oct 2025 09:34

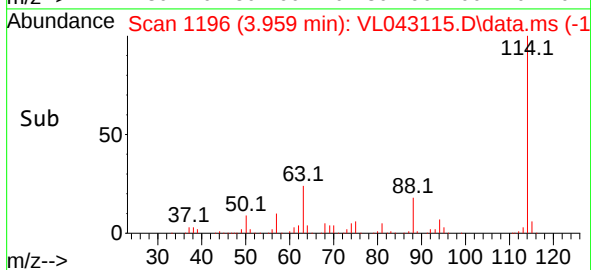
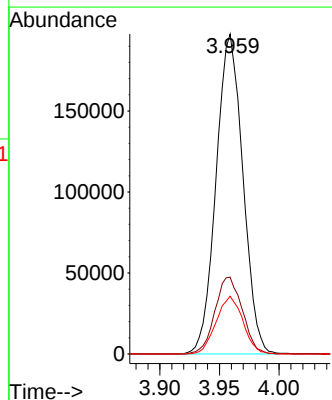
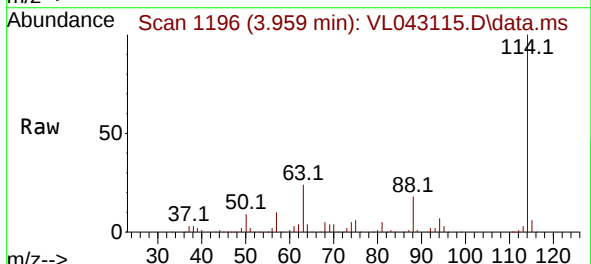
Instrument :
MSVOA_1
ClientSampleId :
VL1015ABL01

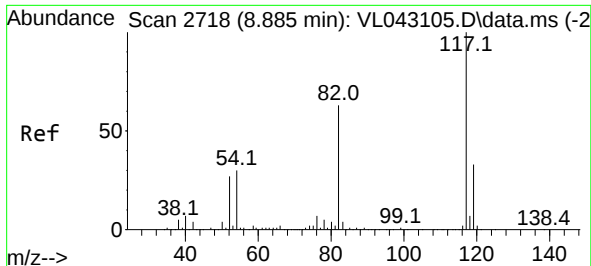
Tgt Ion: 49 Resp: 94939
Ion Ratio Lower Upper
49 100
128 49.9 24.4 73.4
130 64.1 31.0 93.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.003 min
Lab File: VL043115.D
Acq: 15 Oct 2025 09:34

Tgt Ion: 114 Resp: 308682
Ion Ratio Lower Upper
114 100
63 24.5 19.3 28.9
88 17.9 13.9 20.9

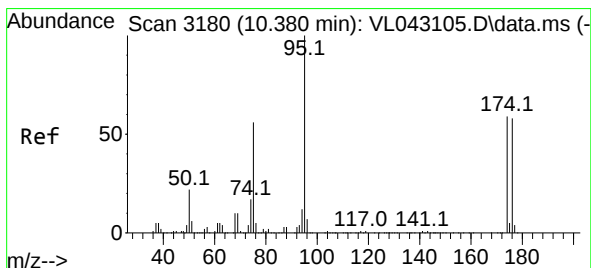
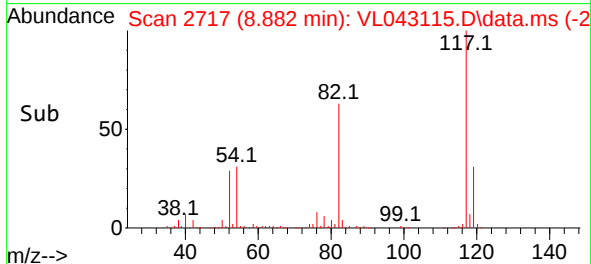
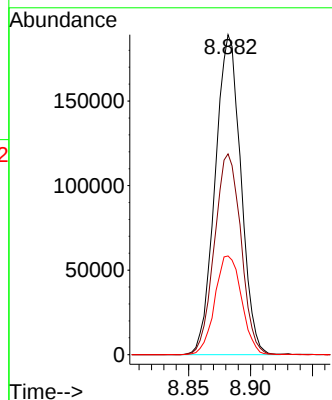
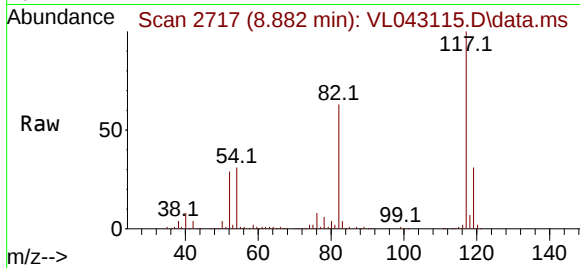




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL043115.D
Acq: 15 Oct 2025 09:34

Instrument :
MSVOA_L
ClientSampleId :
VL1015ABL01

Tgt Ion:117 Resp: 273385
Ion Ratio Lower Upper
117 100
82 64.9 53.8 80.8
119 32.2 25.4 38.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.109 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. -0.003 min
Lab File: VL043115.D
Acq: 15 Oct 2025 09:34

Tgt Ion: 95 Resp: 214813
Ion Ratio Lower Upper
95 100
174 58.7 48.3 72.5
175 4.6 3.8 5.8

