

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041868.D
 Acq On : 09 Jan 2025 16:31
 Operator : SY/MD
 Sample : VL0109ABL02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL02

Quant Time: Jan 10 01:41:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	131600	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	393898	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	355796	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	284047	9.956	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%

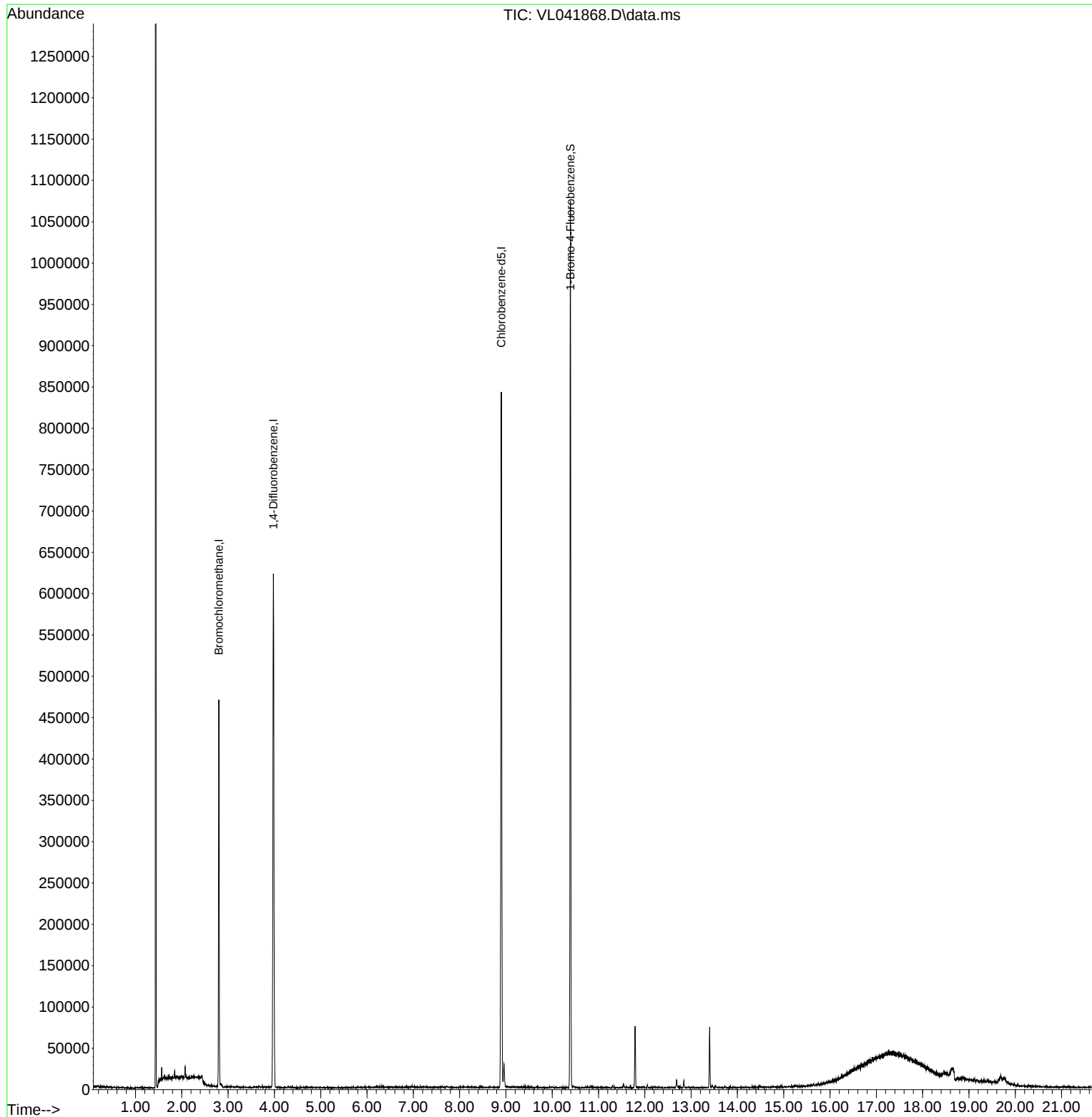
Target Compounds	Qvalue

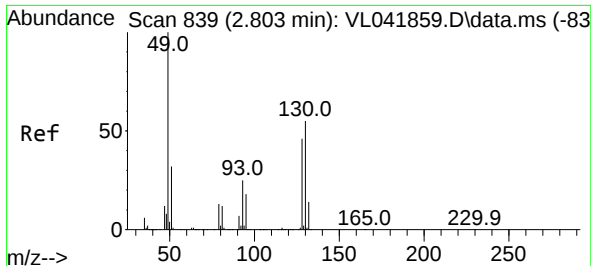
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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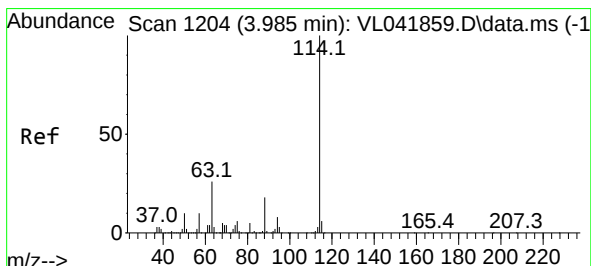
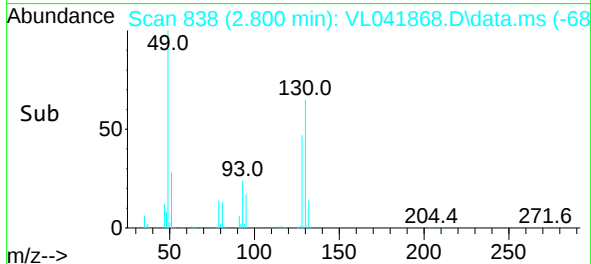
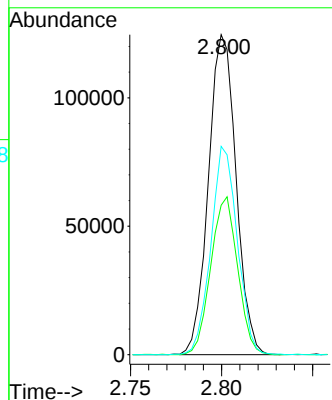
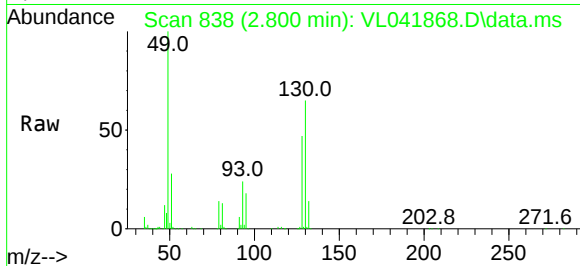




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.800 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL041868.D
 Acq: 09 Jan 2025 16:31

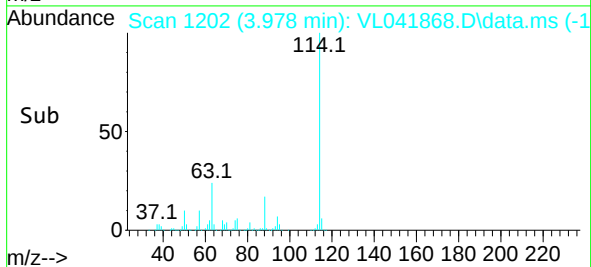
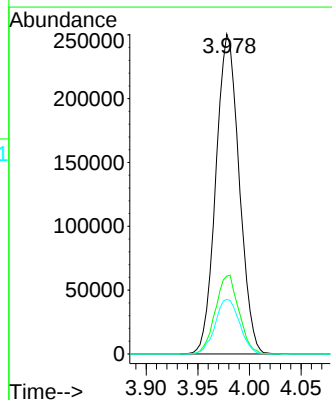
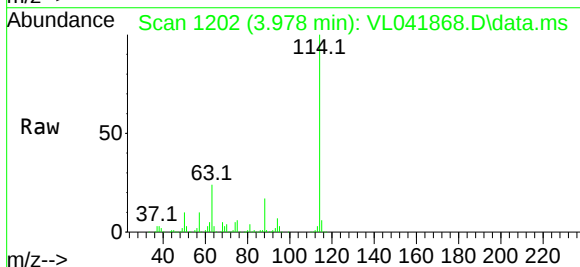
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL02

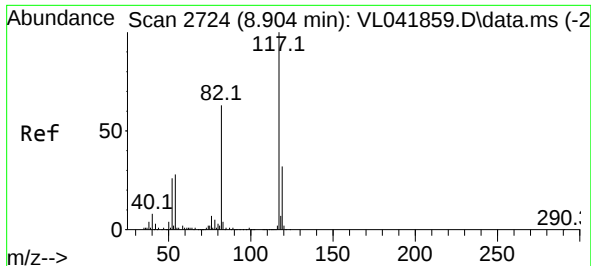
Tgt Ion: 49 Resp: 131600
 Ion Ratio Lower Upper
 49 100
 128 47.9 23.2 69.5
 130 62.5 29.9 89.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.978 min Scan# 1202
 Delta R.T. -0.007 min
 Lab File: VL041868.D
 Acq: 09 Jan 2025 16:31

Tgt Ion: 114 Resp: 393898
 Ion Ratio Lower Upper
 114 100
 63 24.8 20.3 30.5
 88 17.9 14.6 21.8

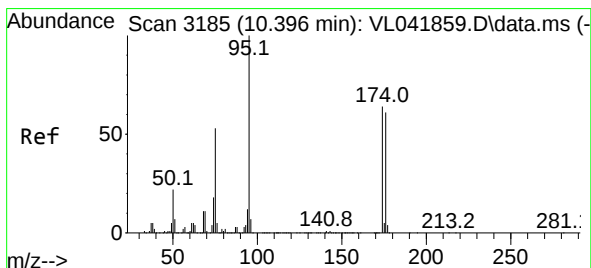
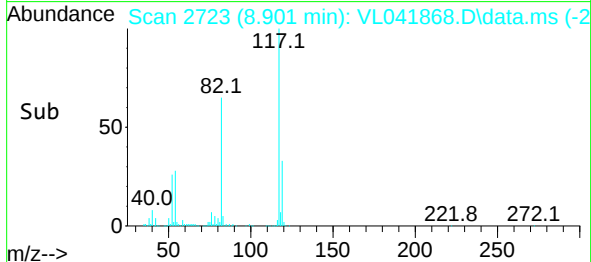
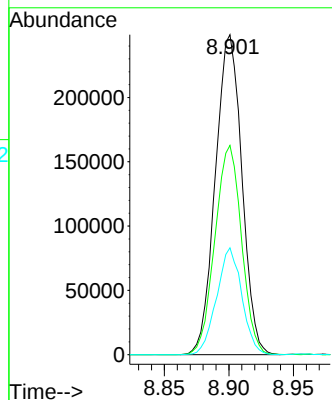
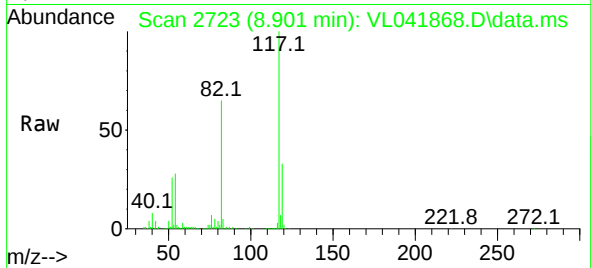




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL02

Tgt Ion:117 Resp: 355796
Ion Ratio Lower Upper
117 100
82 65.5 54.5 81.7
119 31.7 24.6 37.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.956 ppbv
RT: 10.393 min Scan# 3184
Delta R.T. -0.003 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion: 95 Resp: 284047
Ion Ratio Lower Upper
95 100
174 62.8 51.1 76.7
175 4.9 3.8 5.8

