

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022125\
 Data File : VL042035.D
 Acq On : 21 Feb 2025 11:07
 Operator : SY/MD
 Sample : VL0221ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0221ABL01

Quant Time: Feb 21 21:50:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 18 00:13:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	104350	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.959	114	269157	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	235545	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.374	95	199523	10.269	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%

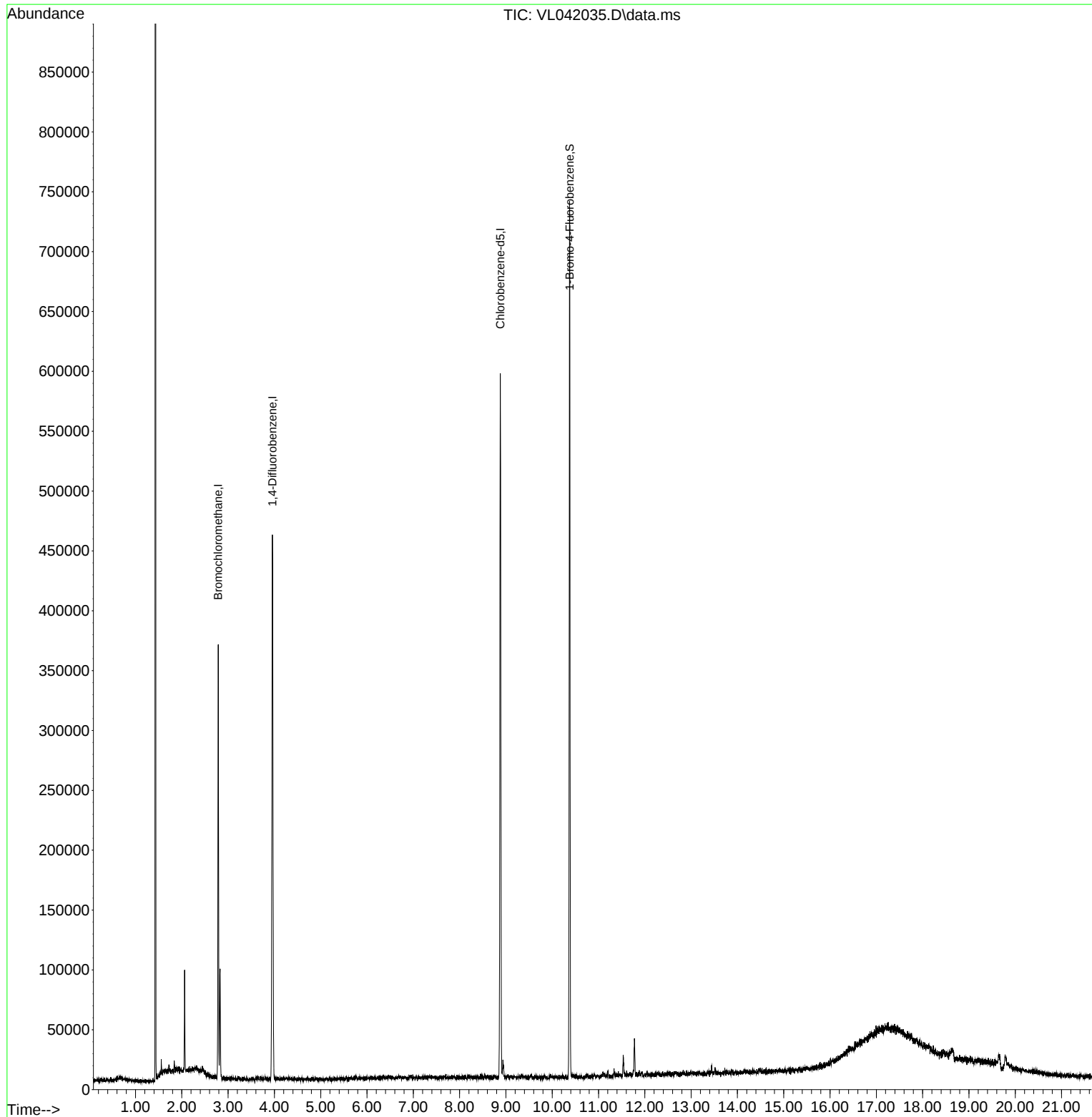
Target Compounds	Qvalue

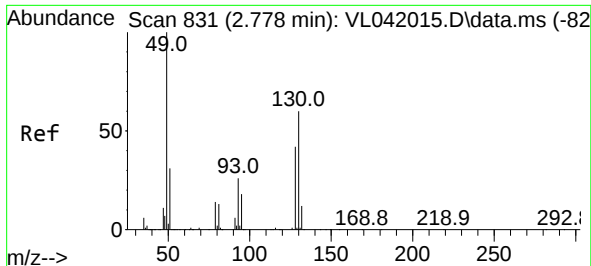
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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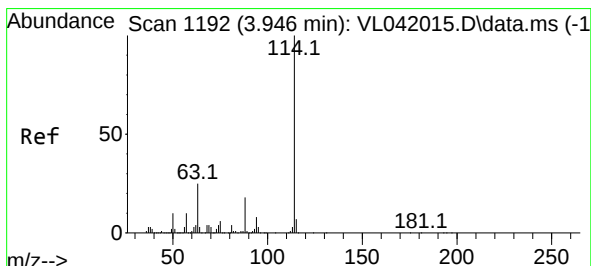
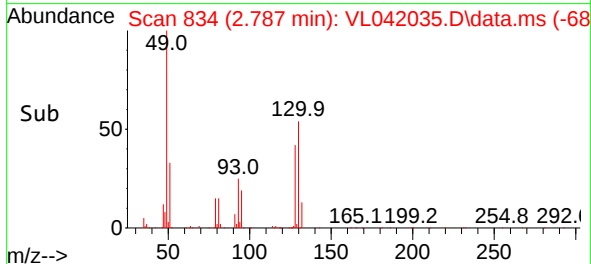
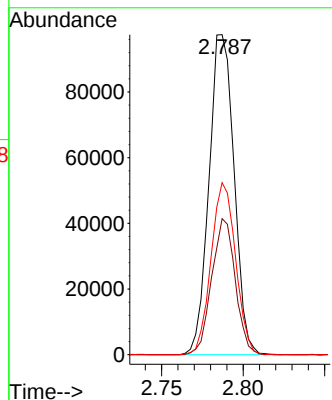
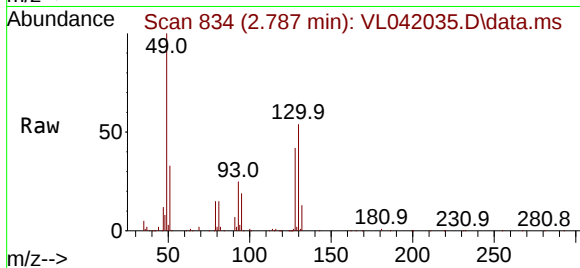




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL042035.D
Acq: 21 Feb 2025 11:07

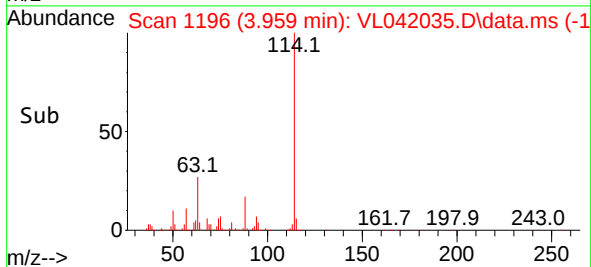
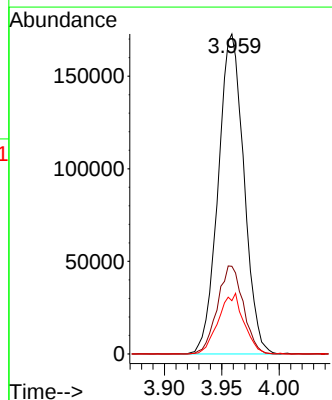
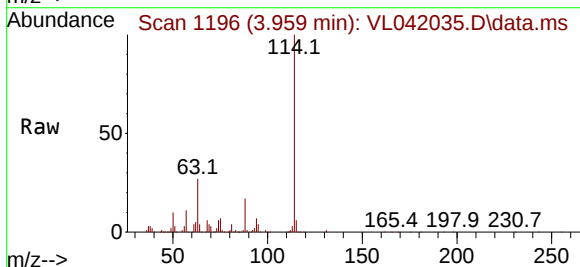
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABL01

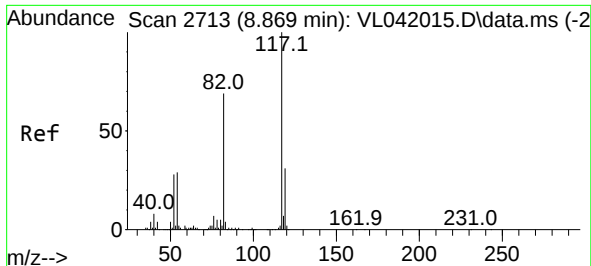
Tgt Ion: 49 Resp: 104350
Ion Ratio Lower Upper
49 100
128 39.9 22.7 68.0
130 52.5 29.9 89.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.019 min
Lab File: VL042035.D
Acq: 21 Feb 2025 11:07

Tgt Ion: 114 Resp: 269157
Ion Ratio Lower Upper
114 100
63 27.7 20.2 30.2
88 18.8 14.4 21.6

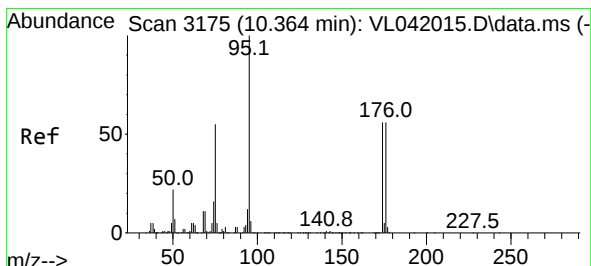
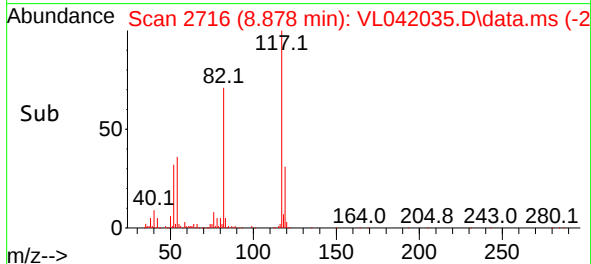
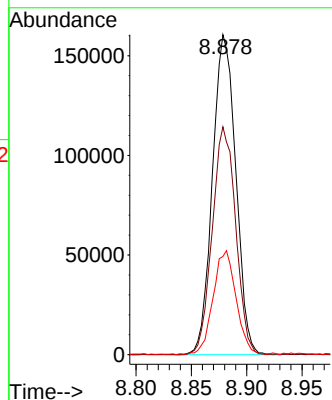
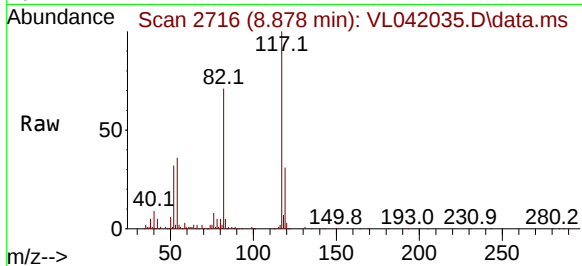




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL042035.D
Acq: 21 Feb 2025 11:07

Instrument :
MSVOA_L
ClientSampleId :
VL0221ABL01

Tgt Ion:117 Resp: 235545
Ion Ratio Lower Upper
117 100
82 71.7 55.7 83.5
119 32.4 25.2 37.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.269 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. -0.016 min
Lab File: VL042035.D
Acq: 21 Feb 2025 11:07

Tgt Ion: 95 Resp: 199523
Ion Ratio Lower Upper
95 100
174 53.2 46.7 70.1
175 3.8 3.7 5.5

