

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021125\
 Data File : VL041996.D
 Acq On : 11 Feb 2025 10:06
 Operator : SY/MD
 Sample : VL0211ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0211ABL01

Quant Time: Feb 11 22:17:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	167703	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.952	114	459653	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.872	117	395237	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	306745	9.854	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%

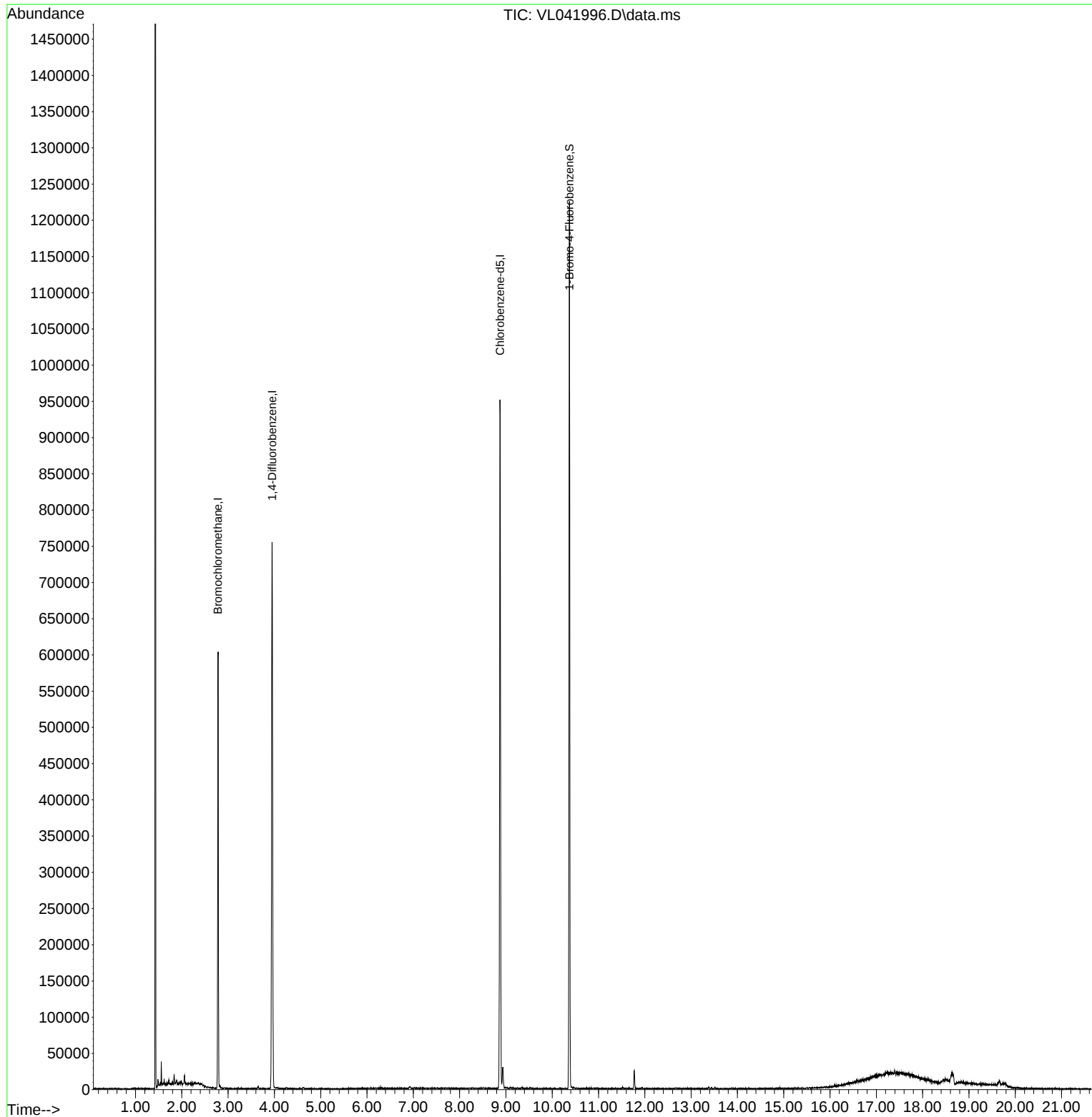
Target Compounds	Qvalue

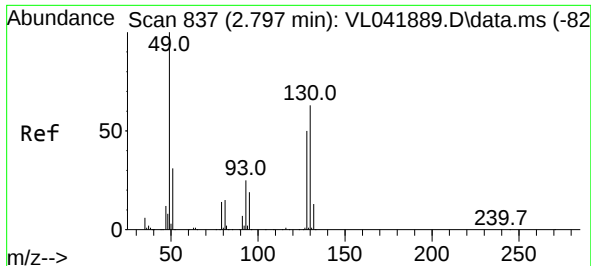
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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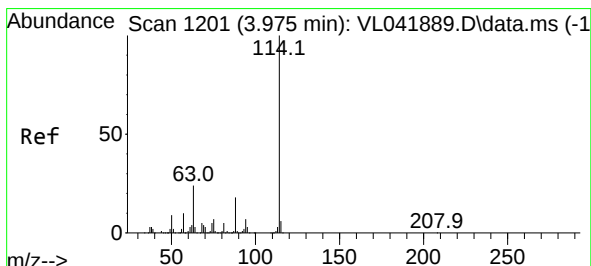
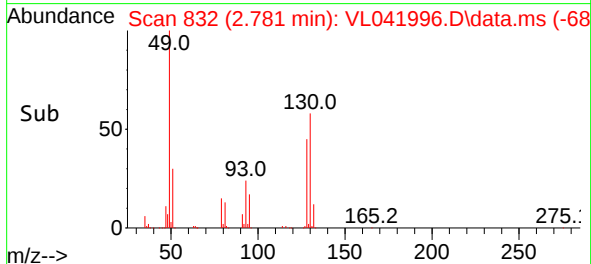
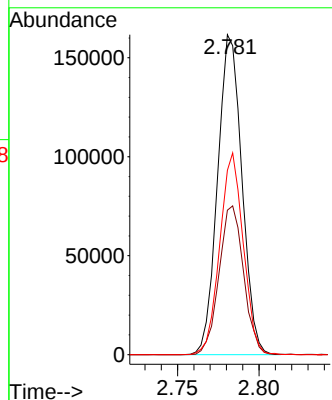
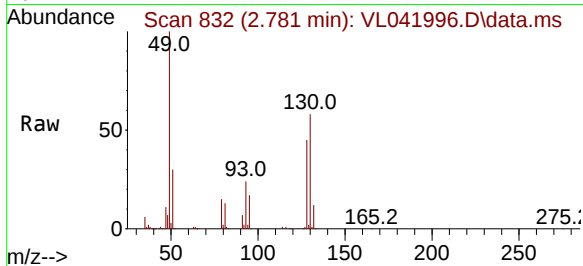




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL041996.D
Acq: 11 Feb 2025 10:06

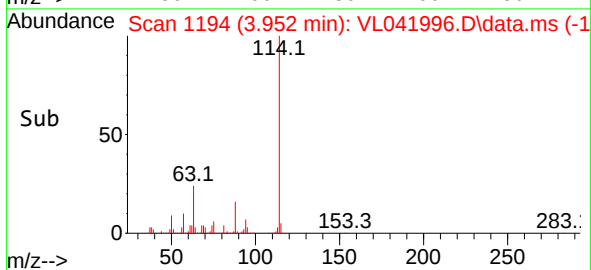
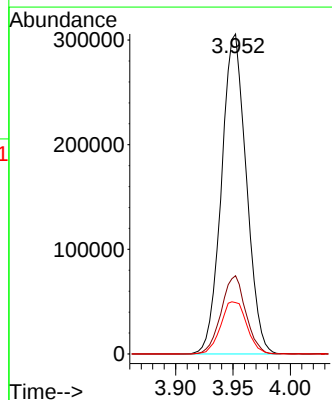
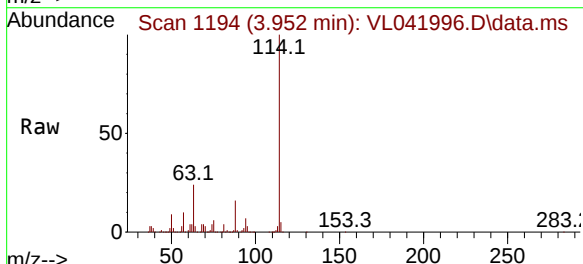
Instrument :
MSVOA_L
ClientSampleId :
VL0211ABL01

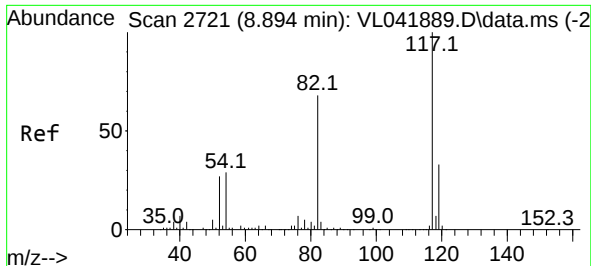
Tgt Ion: 49 Resp: 167703
Ion Ratio Lower Upper
49 100
128 46.9 24.3 73.0
130 60.9 31.1 93.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. -0.023 min
Lab File: VL041996.D
Acq: 11 Feb 2025 10:06

Tgt Ion:114 Resp: 459653
Ion Ratio Lower Upper
114 100
63 24.2 19.8 29.6
88 17.2 14.4 21.6

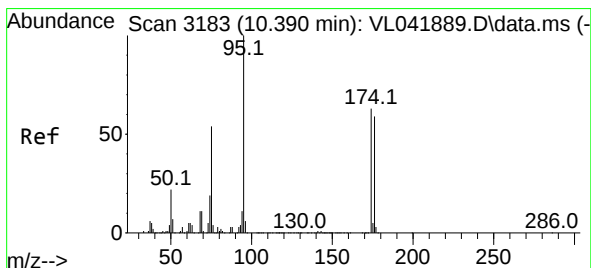
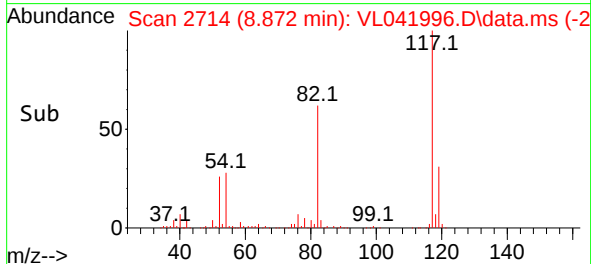
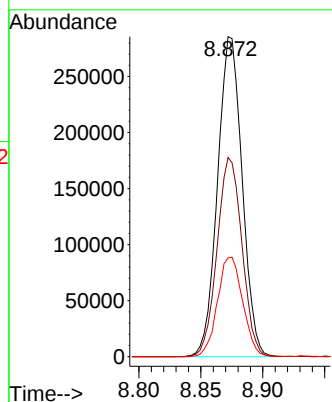
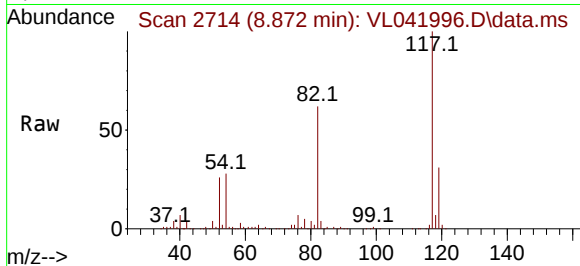




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL041996.D
Acq: 11 Feb 2025 10:06

Instrument :
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Tgt Ion:117 Resp: 395237
Ion Ratio Lower Upper
117 100
82 63.0 54.2 81.4
119 31.9 25.0 37.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.854 ppbv
RT: 10.370 min Scan# 3177
Delta R.T. -0.019 min
Lab File: VL041996.D
Acq: 11 Feb 2025 10:06

Tgt Ion: 95 Resp: 306745
Ion Ratio Lower Upper
95 100
174 60.7 49.0 73.4
175 4.5 3.8 5.8

