

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021025\
 Data File : VL041978.D
 Acq On : 10 Feb 2025 09:24
 Operator : SY/MD
 Sample : VL0210ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0210ABL01

Quant Time: Feb 11 01:18:56 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	155942	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.949	114	417063	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.875	117	341669	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	250739	9.317	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.200%

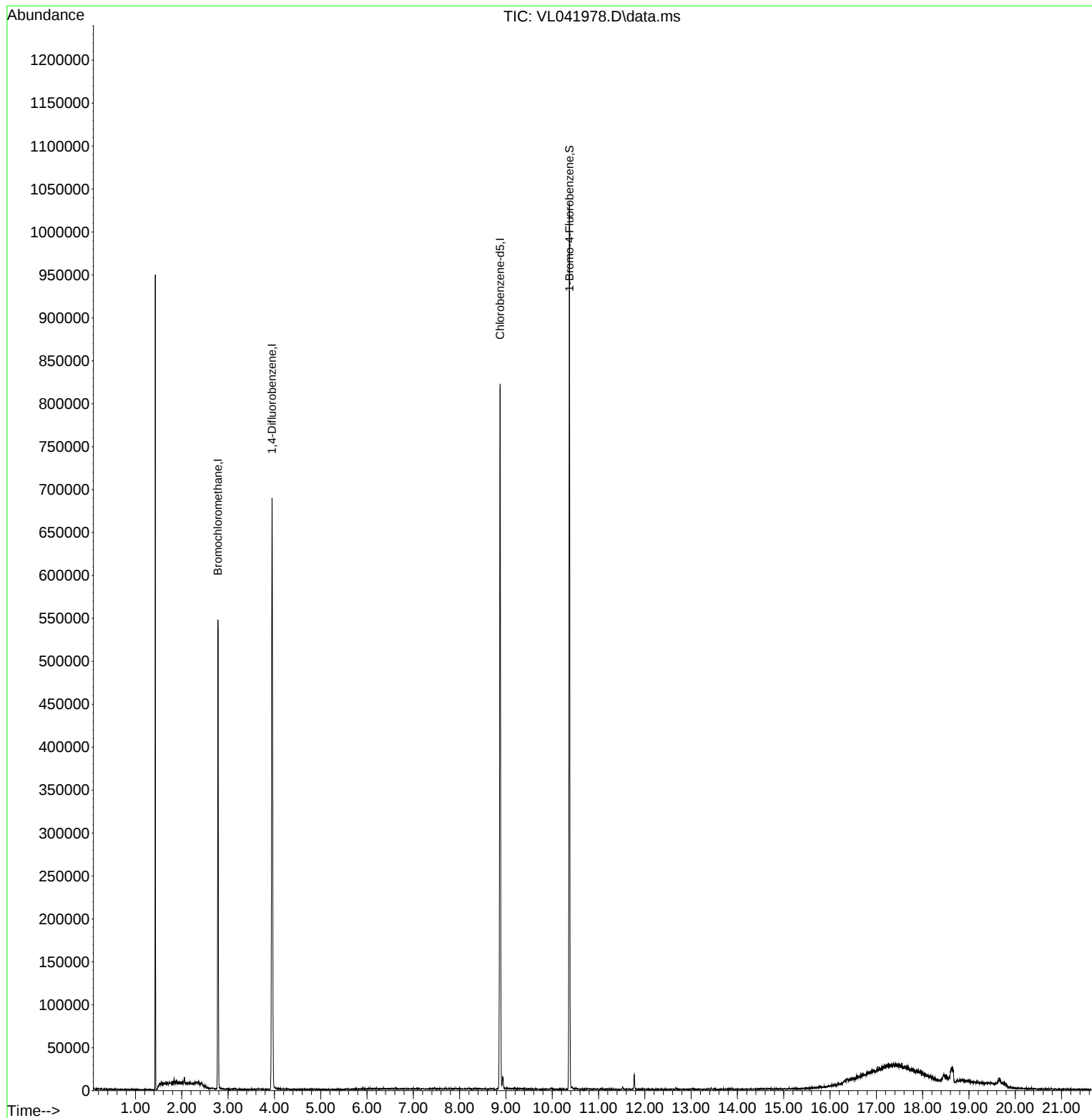
Target Compounds	Qvalue

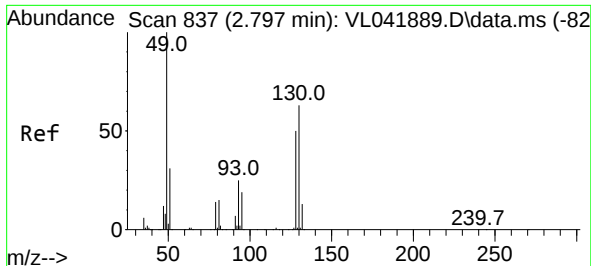
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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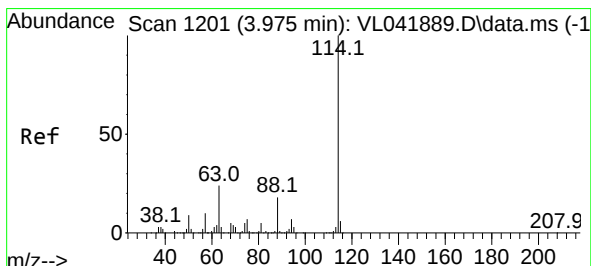
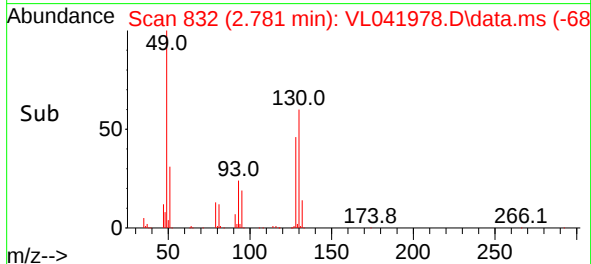
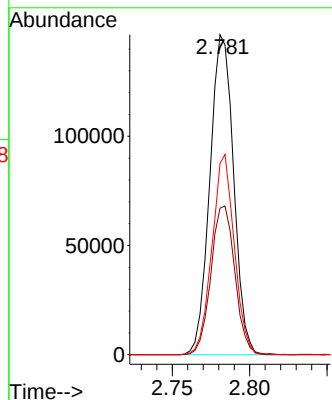
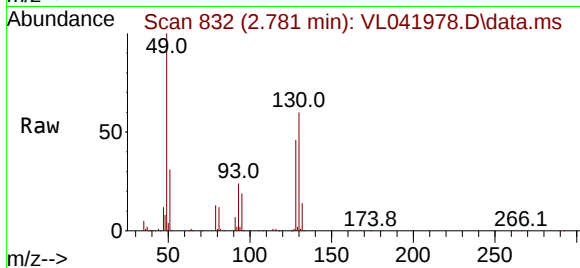




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.781 min Scan# 81
 Delta R.T. -0.016 min
 Lab File: VL041978.D
 Acq: 10 Feb 2025 09:24

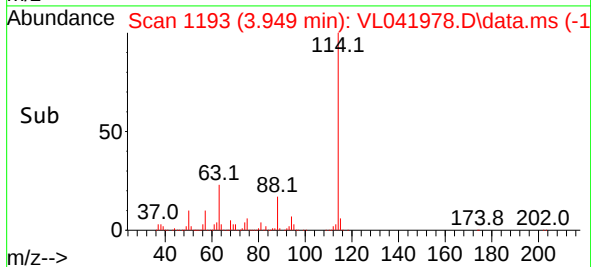
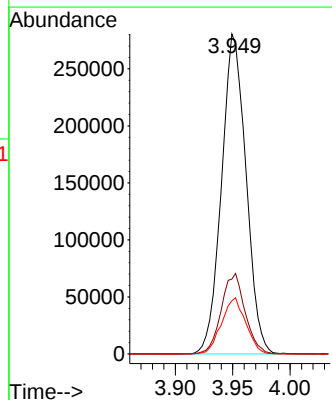
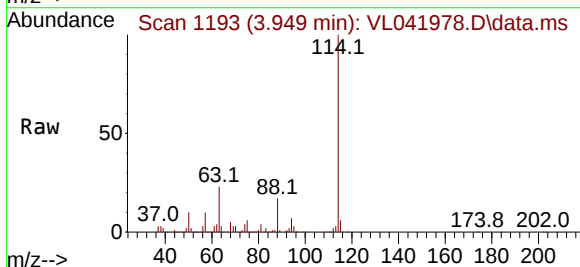
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0210ABL01

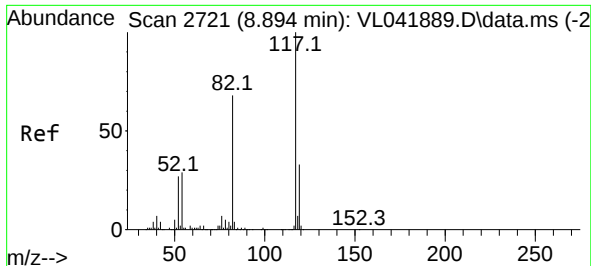
Tgt Ion: 49 Resp: 155942
 Ion Ratio Lower Upper
 49 100
 128 46.7 24.3 73.0
 130 58.9 31.1 93.2



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.949 min Scan# 1193
 Delta R.T. -0.026 min
 Lab File: VL041978.D
 Acq: 10 Feb 2025 09:24

Tgt Ion: 114 Resp: 417063
 Ion Ratio Lower Upper
 114 100
 63 24.5 19.8 29.6
 88 17.3 14.4 21.6

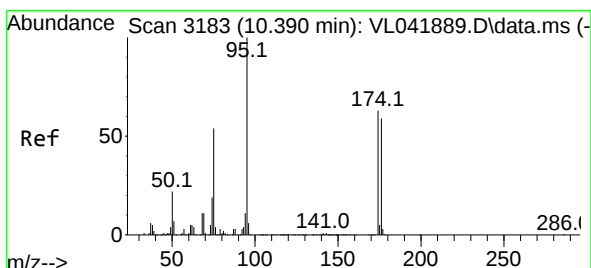
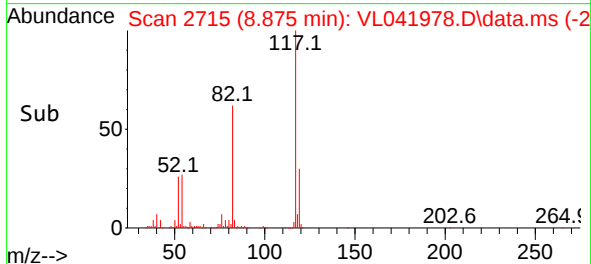
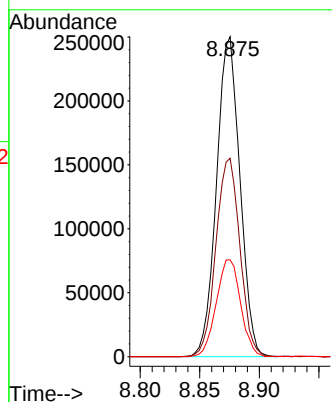
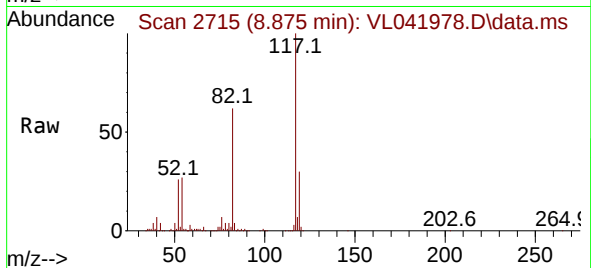




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL041978.D
Acq: 10 Feb 2025 09:24

Instrument :
MSVOA_L
ClientSampleId :
VL0210ABL01

Tgt Ion:117 Resp: 341669
Ion Ratio Lower Upper
117 100
82 63.5 54.2 81.4
119 31.6 25.0 37.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.317 ppbv
RT: 10.371 min Scan# 3177
Delta R.T. -0.019 min
Lab File: VL041978.D
Acq: 10 Feb 2025 09:24

Tgt Ion: 95 Resp: 250739
Ion Ratio Lower Upper
95 100
174 60.2 49.0 73.4
175 4.7 3.8 5.8

