

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031425\
 Data File : VL042142.D
 Acq On : 14 Mar 2025 09:23
 Operator : SY/MD
 Sample : VL0314ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABL01

Quant Time: Mar 14 23:17:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	167826	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.958	114	392046	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.881	117	329113	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	250856	9.907	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%

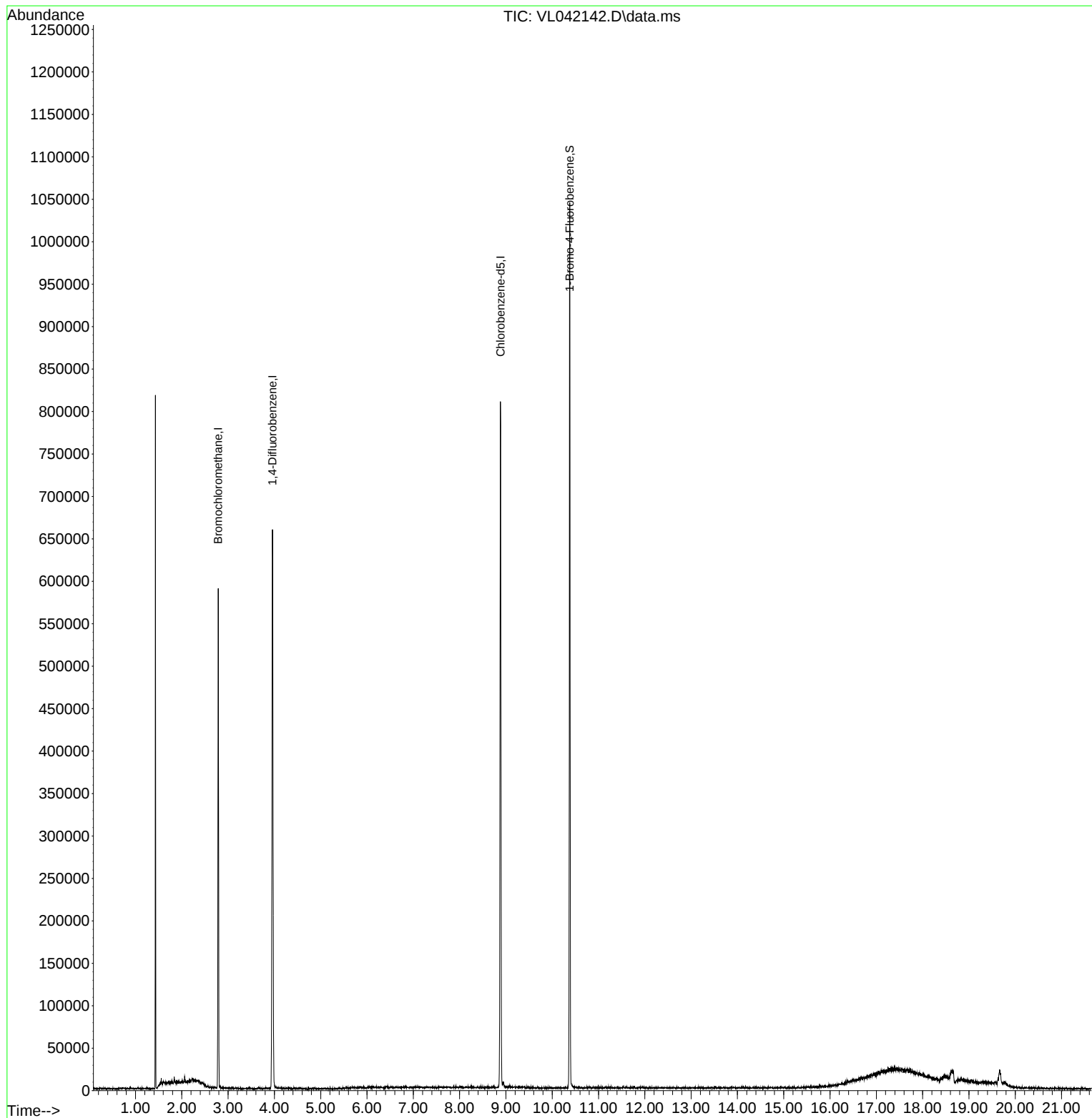
Target Compounds	Qvalue

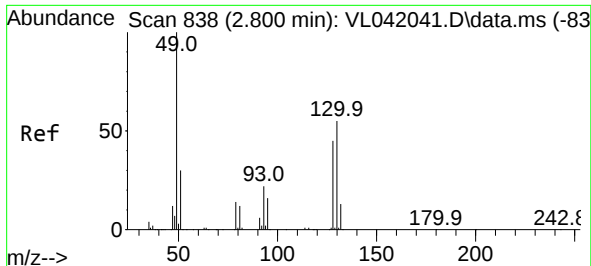
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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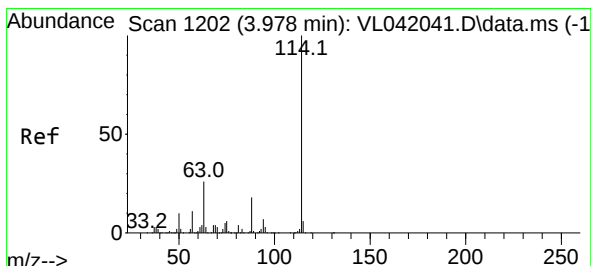
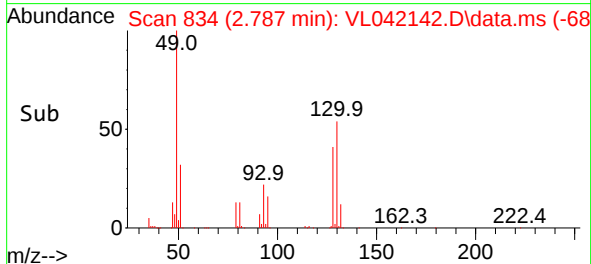
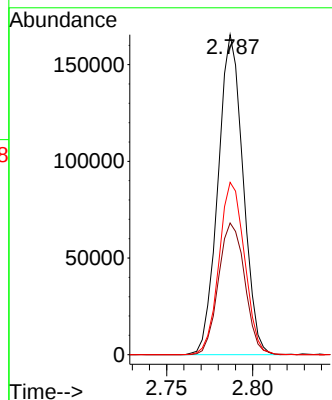
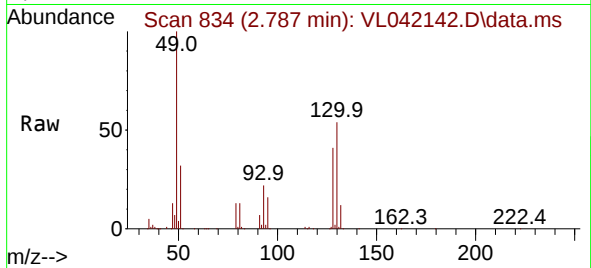




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.787 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL042142.D
 Acq: 14 Mar 2025 09:23

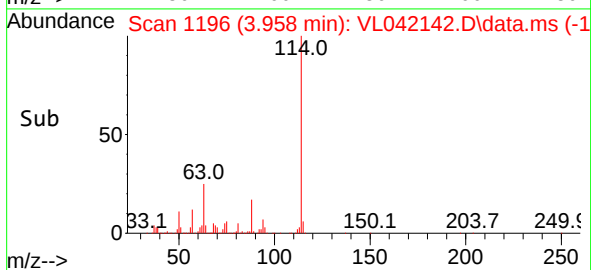
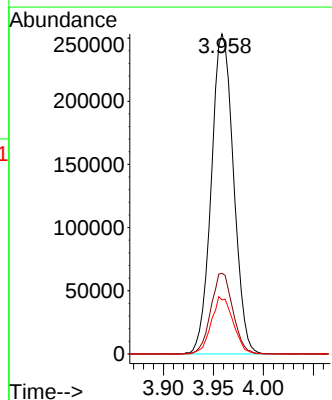
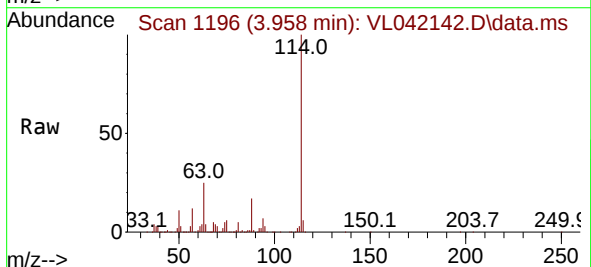
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0314ABL01

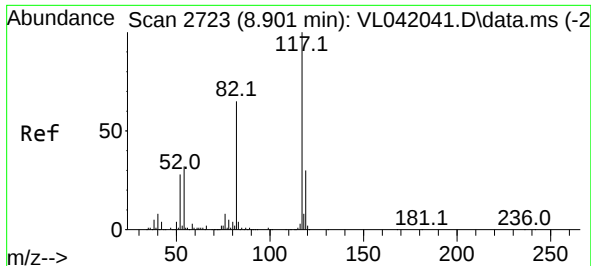
Tgt Ion: 49 Resp: 167826
 Ion Ratio Lower Upper
 49 100
 128 43.1 21.6 64.8
 130 54.8 27.8 83.4



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.958 min Scan# 1196
 Delta R.T. -0.020 min
 Lab File: VL042142.D
 Acq: 14 Mar 2025 09:23

Tgt Ion: 114 Resp: 392046
 Ion Ratio Lower Upper
 114 100
 63 25.1 20.1 30.1
 88 17.6 14.3 21.5

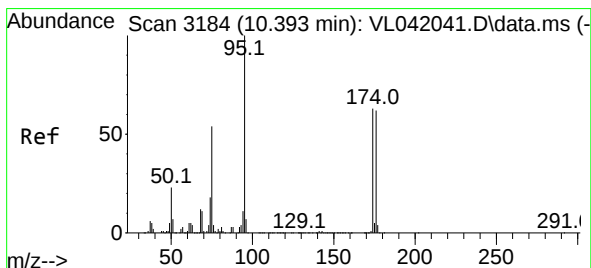
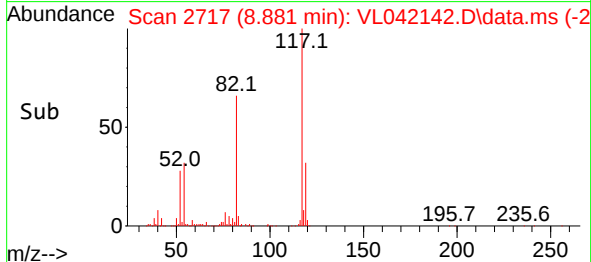
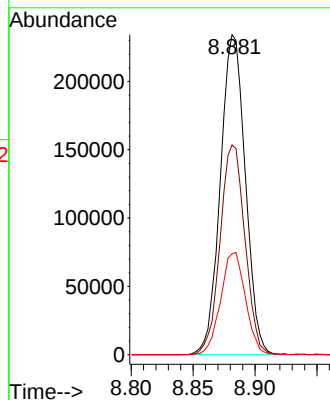
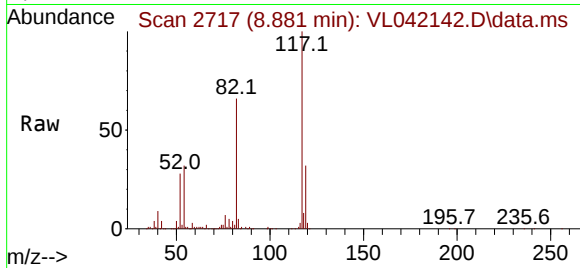




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.881 min Scan# 21
Delta R.T. -0.020 min
Lab File: VL042142.D
Acq: 14 Mar 2025 09:23

Instrument :
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Tgt Ion:117 Resp: 329113
Ion Ratio Lower Upper
117 100
82 65.2 55.0 82.6
119 31.8 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.907 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. -0.016 min
Lab File: VL042142.D
Acq: 14 Mar 2025 09:23

Tgt Ion: 95 Resp: 250856
Ion Ratio Lower Upper
95 100
174 65.5 51.8 77.6
175 4.6 3.9 5.9

