

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031725\
 Data File : VL042151.D
 Acq On : 17 Mar 2025 10:50
 Operator : SY/MD
 Sample : VL0317ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0317ABL01

Quant Time: Mar 18 01:22:30 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	2.800	49	165240	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	385222	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	316907	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	239930	9.841	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%

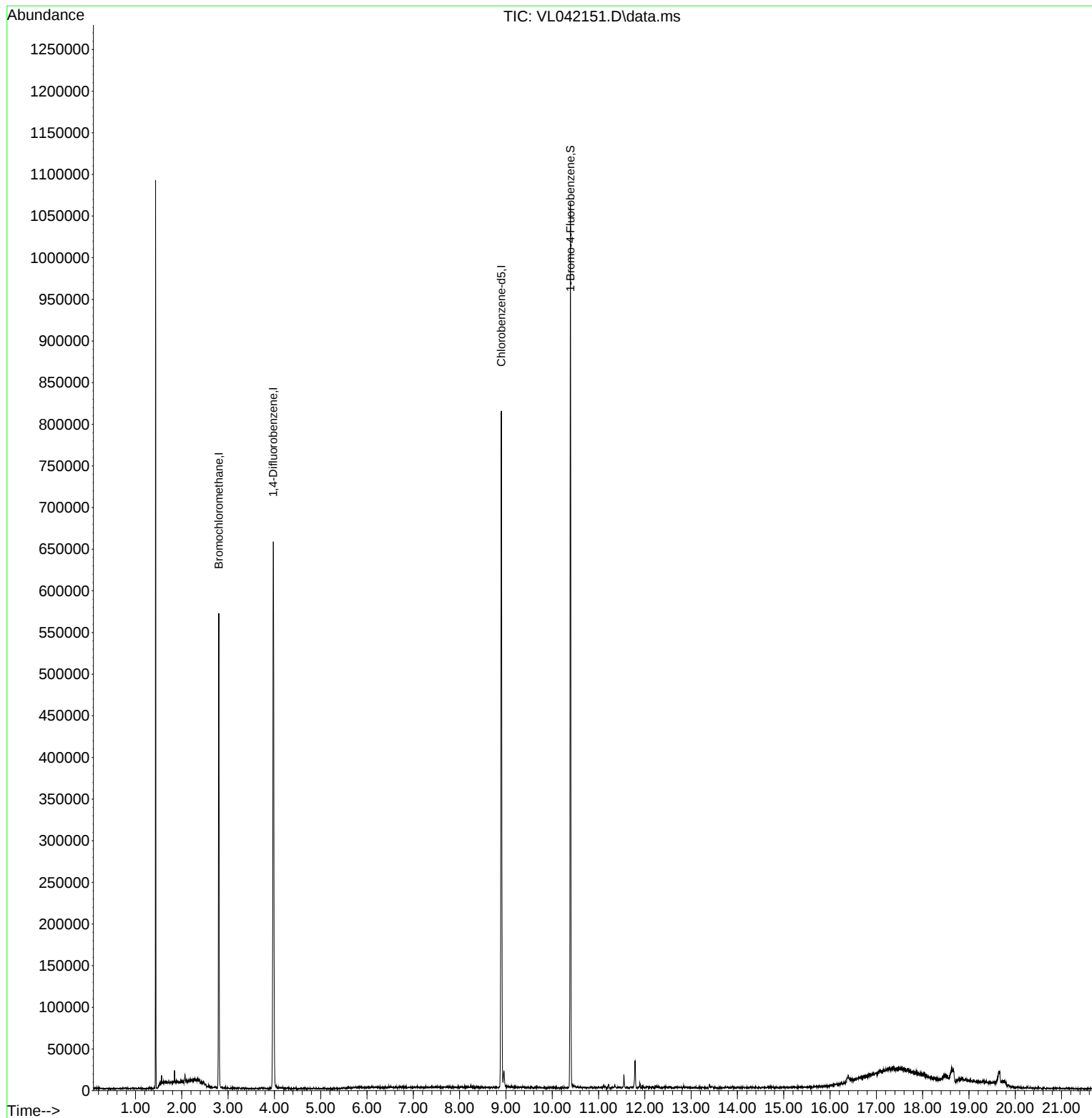
Target Compounds	Qvalue

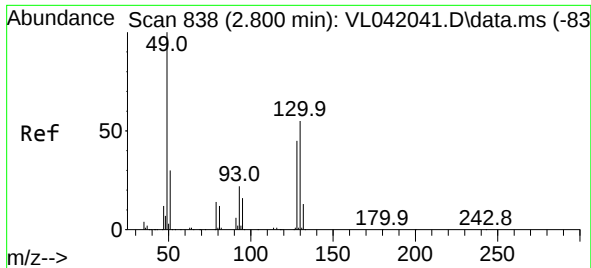
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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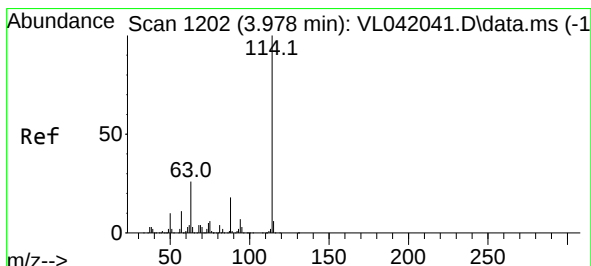
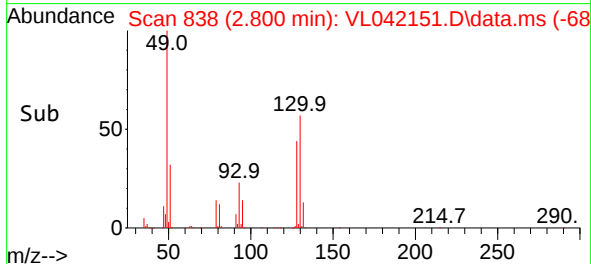
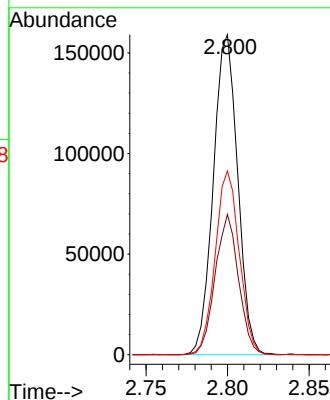
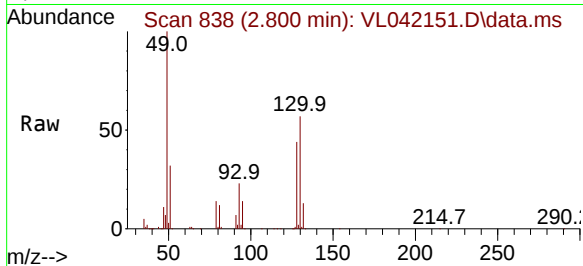




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042151.D
Acq: 17 Mar 2025 10:50

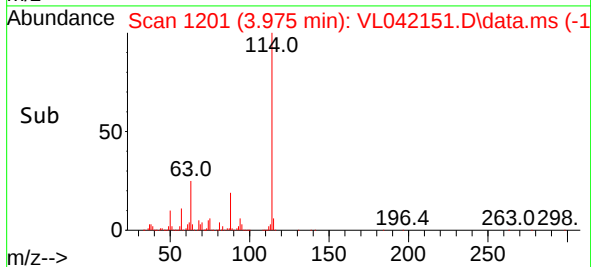
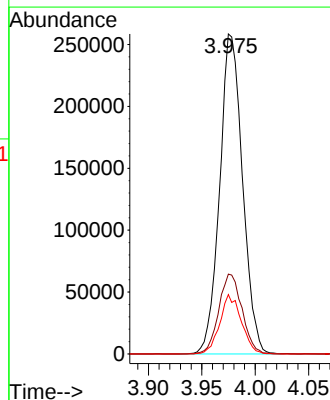
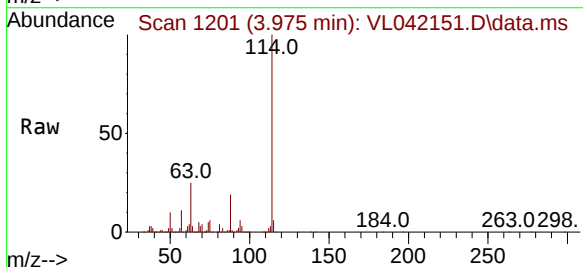
Instrument :
MSVOA_L
ClientSampleId :
VL0317ABL01

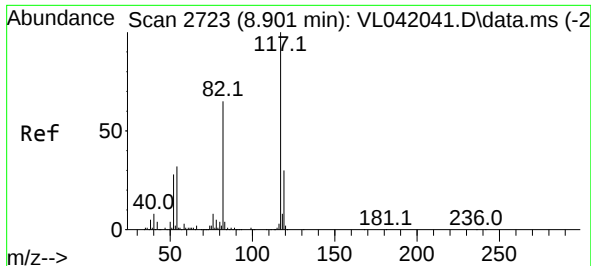
Tgt Ion: 49 Resp: 165240
Ion Ratio Lower Upper
49 100
128 42.1 21.6 64.8
130 56.7 27.8 83.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. -0.003 min
Lab File: VL042151.D
Acq: 17 Mar 2025 10:50

Tgt Ion: 114 Resp: 385222
Ion Ratio Lower Upper
114 100
63 25.4 20.1 30.1
88 17.5 14.3 21.5

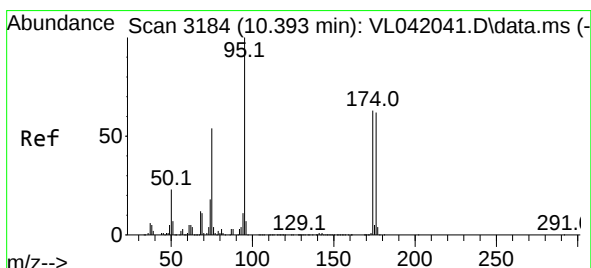
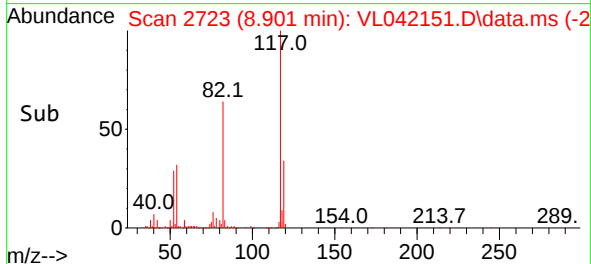
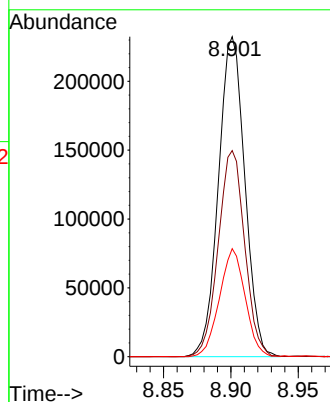
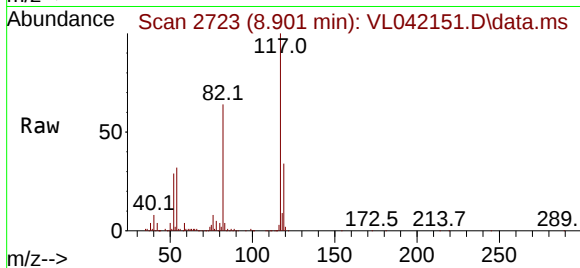




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042151.D
Acq: 17 Mar 2025 10:50

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 316907
Ion Ratio Lower Upper
117 100
82 64.6 55.0 82.6
119 32.9 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.841 ppbv
RT: 10.393 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VL042151.D
Acq: 17 Mar 2025 10:50

Tgt Ion: 95 Resp: 239930
Ion Ratio Lower Upper
95 100
174 64.2 51.8 77.6
175 4.9 3.9 5.9

