

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
 Data File : VL042109.D
 Acq On : 05 Mar 2025 18:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Mar 06 01:10:52 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	2.810	49	148788	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.991	114	337448	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.914	117	277526	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.406	95	199426	9.340	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.400%

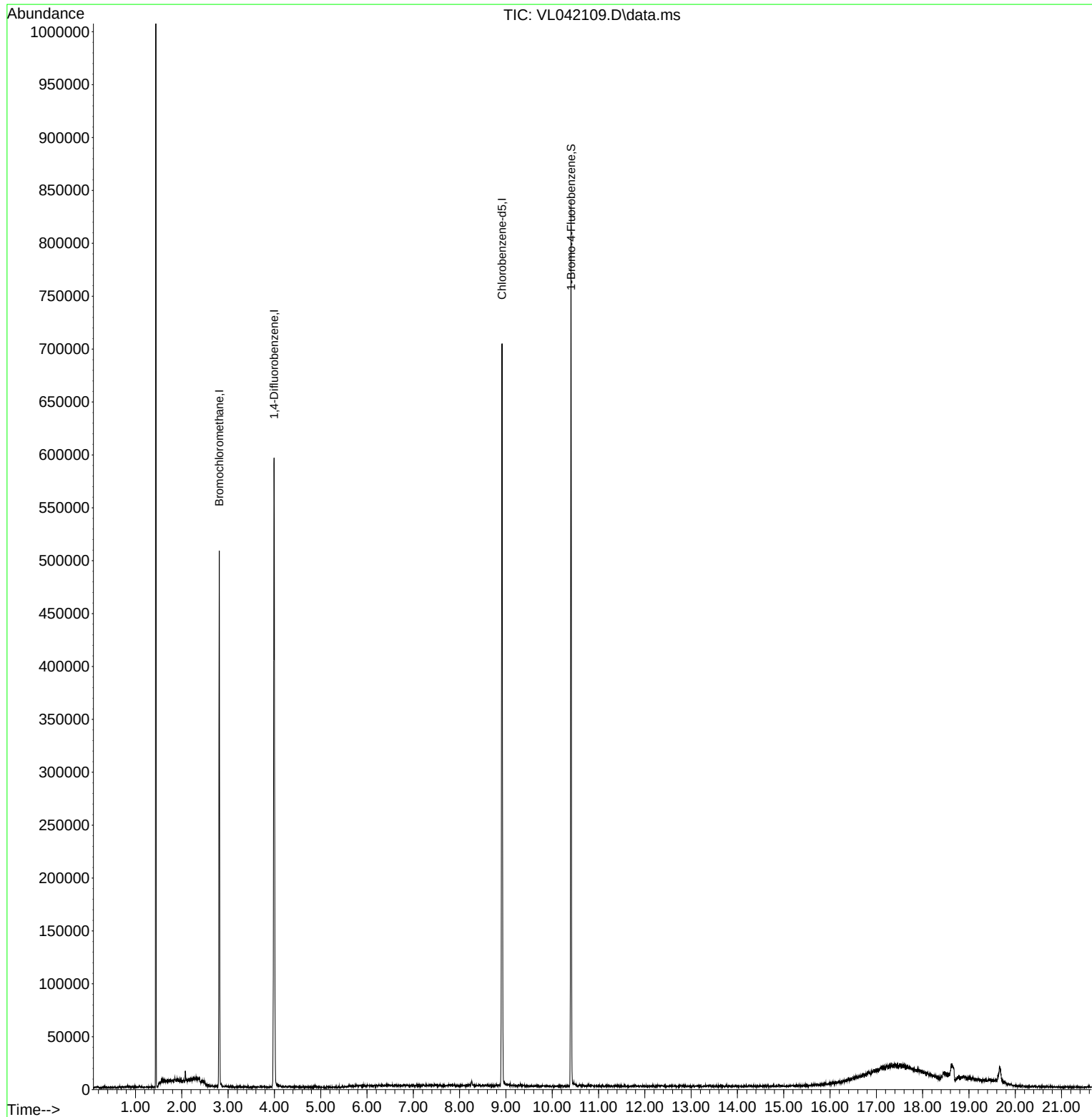
Target Compounds	Qvalue

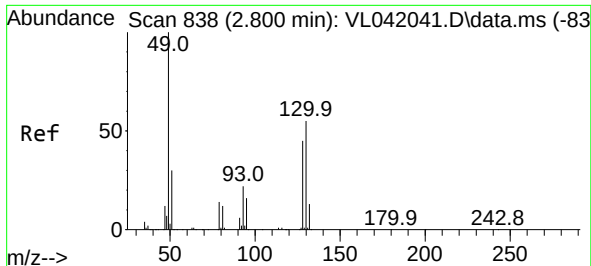
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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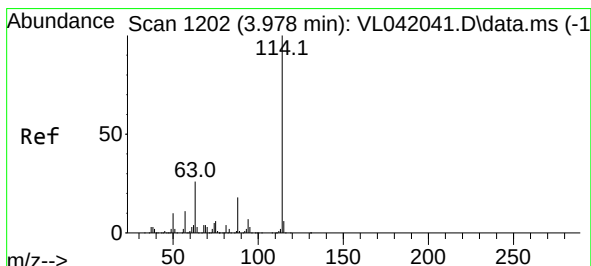
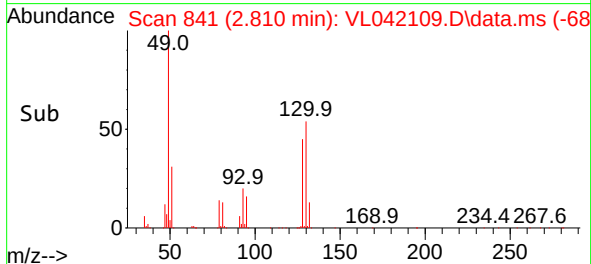
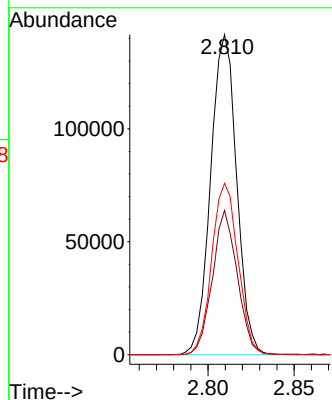
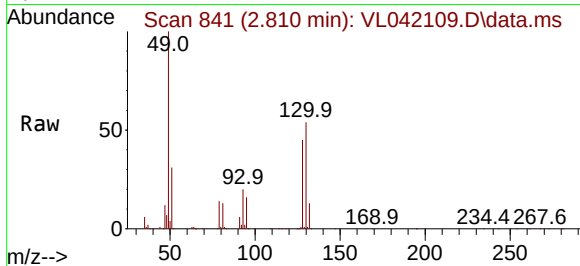




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.810 min Scan# 841
Delta R.T. 0.010 min
Lab File: VL042109.D
Acq: 05 Mar 2025 18:02

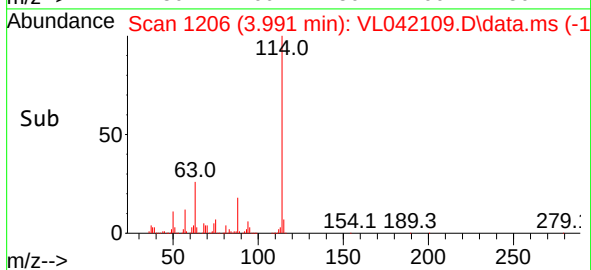
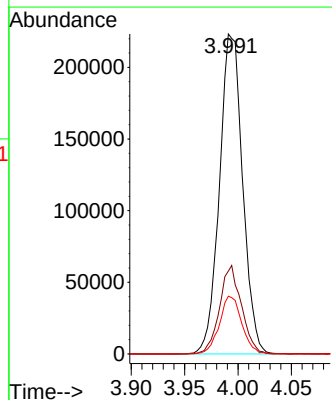
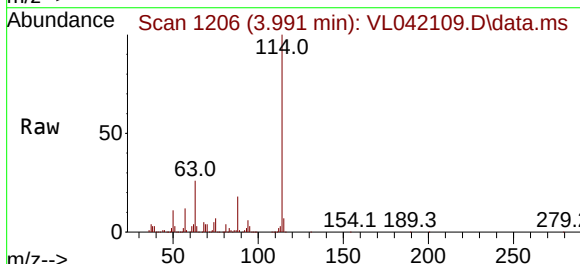
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

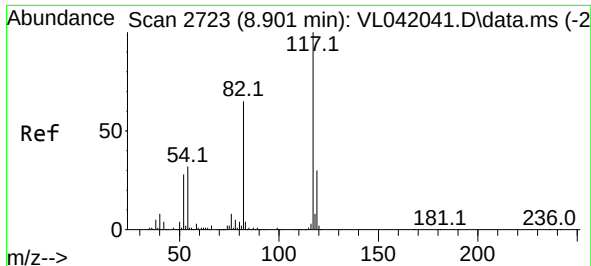
Tgt Ion: 49 Resp: 148788
Ion Ratio Lower Upper
49 100
128 43.1 21.6 64.8
130 54.0 27.8 83.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.991 min Scan# 1206
Delta R.T. 0.013 min
Lab File: VL042109.D
Acq: 05 Mar 2025 18:02

Tgt Ion: 114 Resp: 337448
Ion Ratio Lower Upper
114 100
63 26.1 20.1 30.1
88 17.4 14.3 21.5

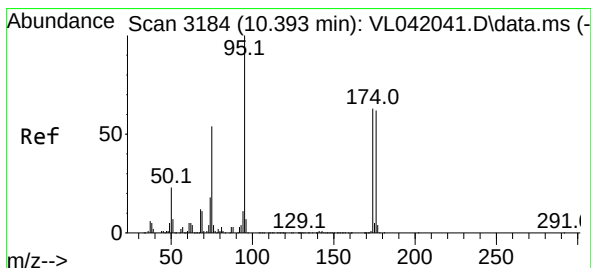
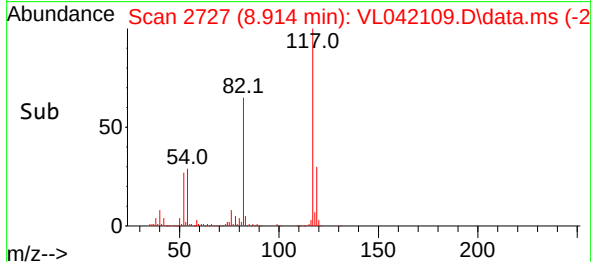
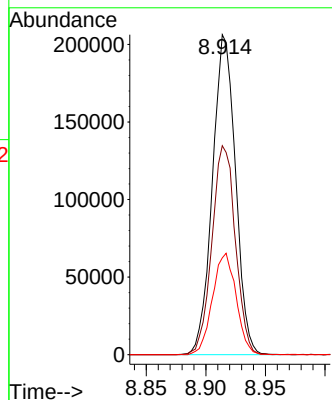
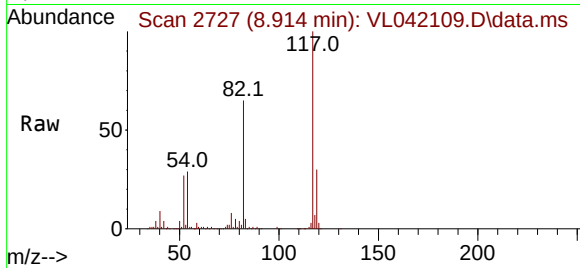




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.914 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042109.D
Acq: 05 Mar 2025 18:02

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 277526
Ion Ratio Lower Upper
117 100
82 66.4 55.0 82.6
119 32.6 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.340 ppbv
RT: 10.406 min Scan# 3188
Delta R.T. 0.013 min
Lab File: VL042109.D
Acq: 05 Mar 2025 18:02

Tgt Ion: 95 Resp: 199426
Ion Ratio Lower Upper
95 100
174 62.9 51.8 77.6
175 4.3 3.9 5.9

