

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
 Data File : VL042118.D
 Acq On : 10 Mar 2025 11:23
 Operator : SY/MD
 Sample : QC030525 CAN 10742
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC030525 CAN 10742

Quant Time: Mar 11 01:22:53 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	2.793	49	164240	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	387693	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	330576	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.386	95	250664	9.856	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%

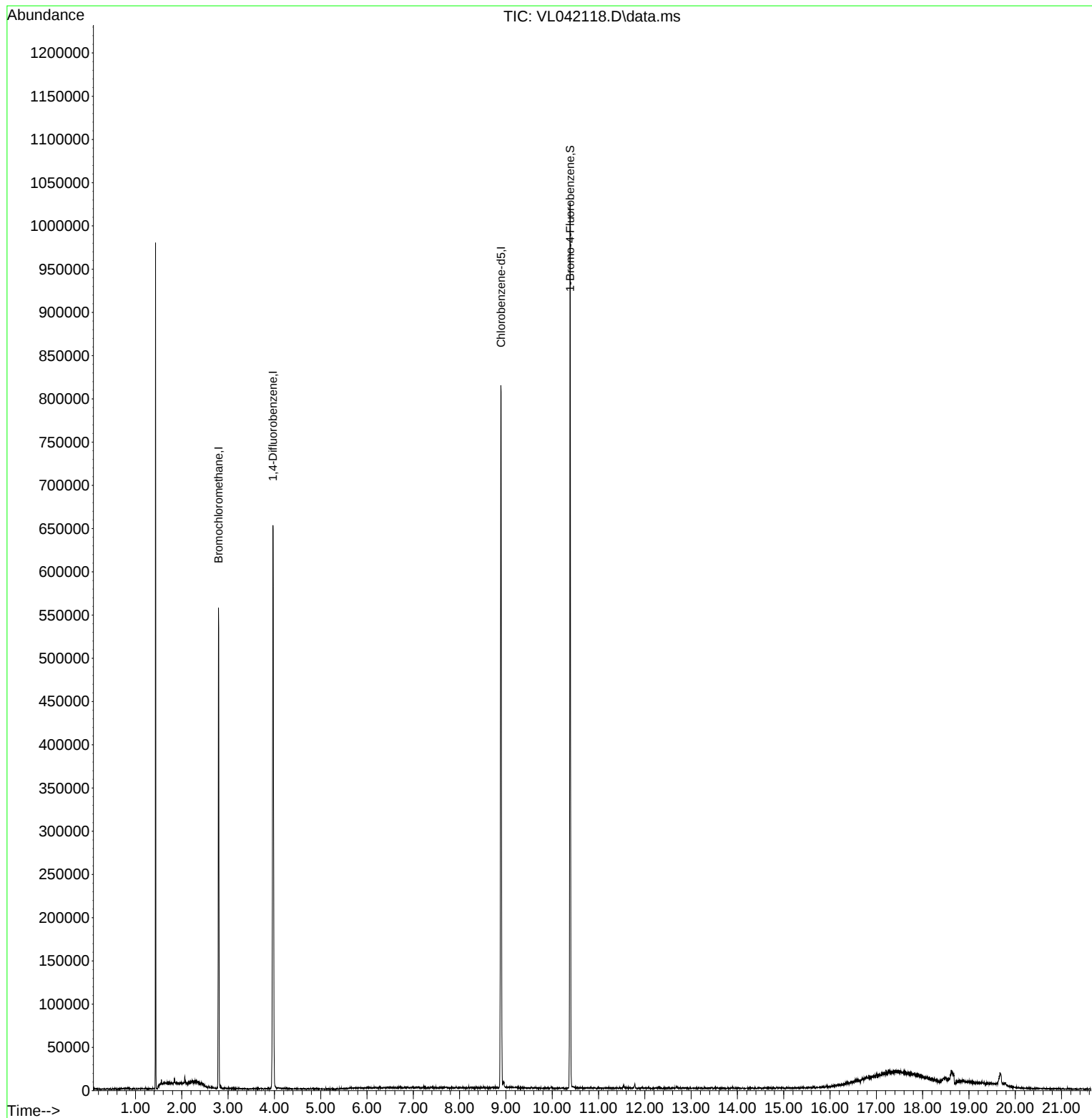
Target Compounds	Qvalue

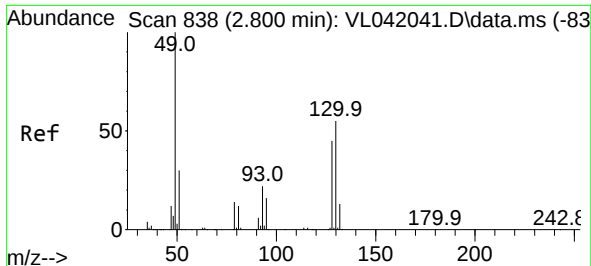
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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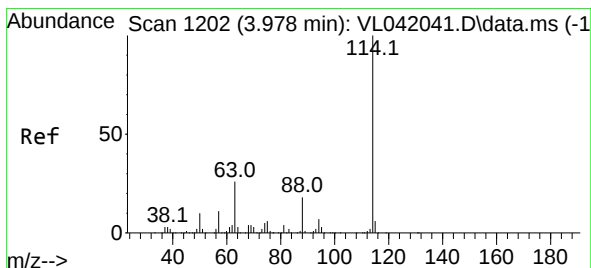
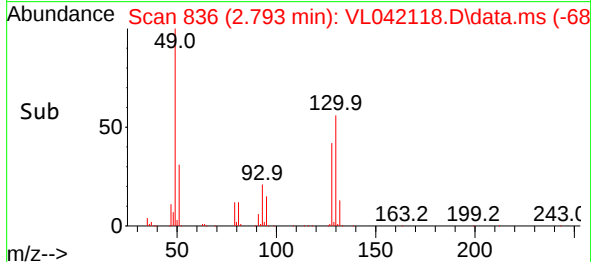
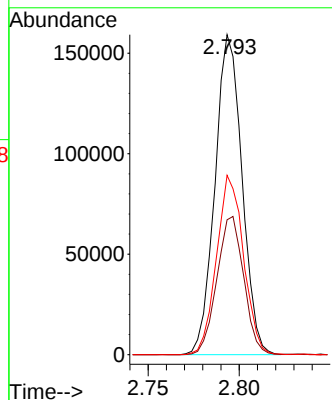
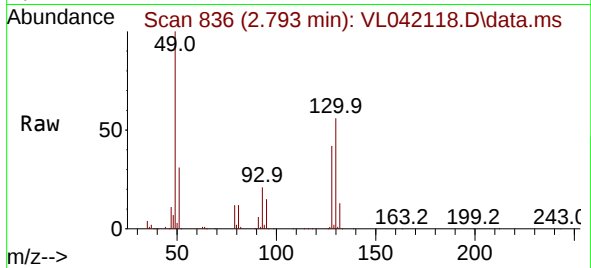




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL042118.D
Acq: 10 Mar 2025 11:23

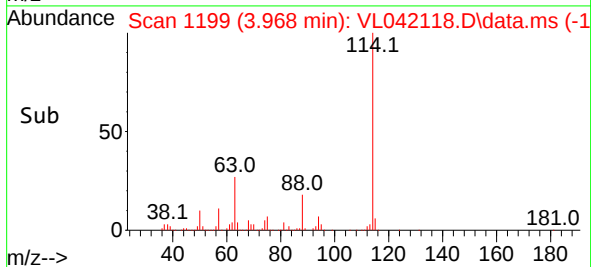
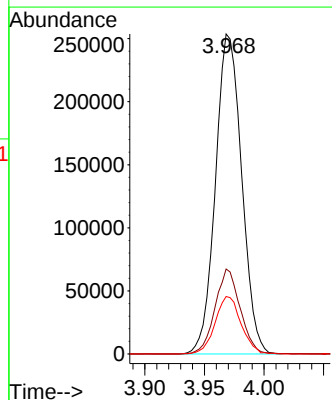
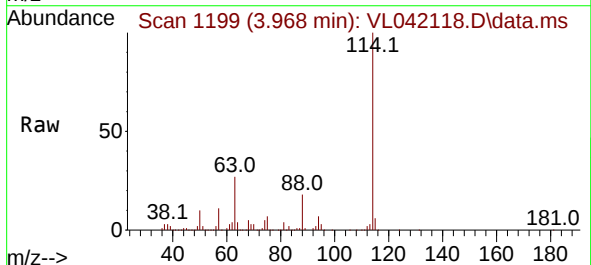
Instrument :
MSVOA_L
ClientSampleId :
QC030525 CAN 10742

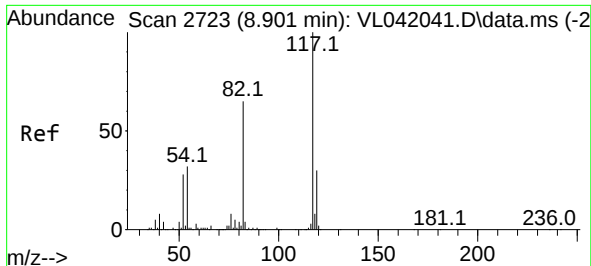
Tgt Ion: 49 Resp: 164240
Ion Ratio Lower Upper
49 100
128 42.9 21.6 64.8
130 55.9 27.8 83.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. -0.010 min
Lab File: VL042118.D
Acq: 10 Mar 2025 11:23

Tgt Ion: 114 Resp: 387693
Ion Ratio Lower Upper
114 100
63 25.5 20.1 30.1
88 17.8 14.3 21.5



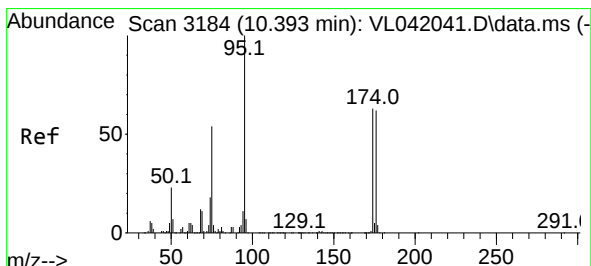
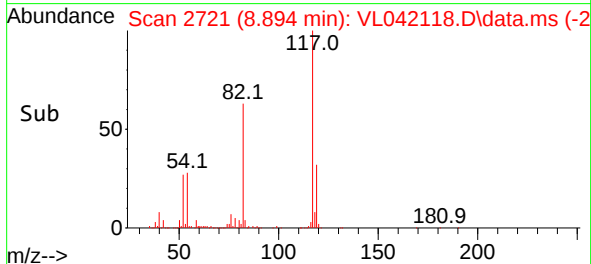
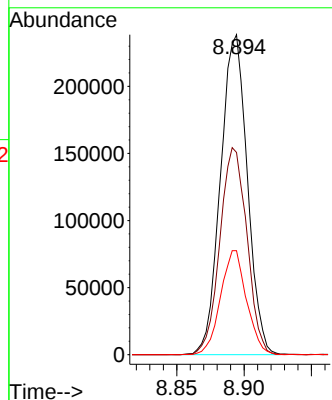
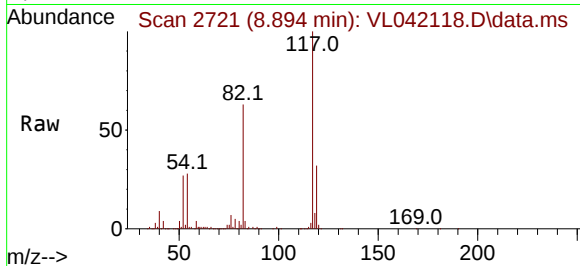


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.894 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: VL042118.D
 Acq: 10 Mar 2025 11:23

Instrument :
 MSVOA_L
 ClientSampleId :
 QC030525 CAN 10742

Tgt Ion: 117 Resp: 330576

Ion	Ratio	Lower	Upper
117	100		
82	65.2	55.0	82.6
119	31.6	25.9	38.9



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.856 ppbv
 RT: 10.386 min Scan# 3182
 Delta R.T. -0.007 min
 Lab File: VL042118.D
 Acq: 10 Mar 2025 11:23

Tgt Ion: 95 Resp: 250664

Ion	Ratio	Lower	Upper
95	100		
174	63.5	51.8	77.6
175	4.6	3.9	5.9

