

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073125\
 Data File : VL042789.D
 Acq On : 31 Jul 2025 09:29
 Operator : SY/MD
 Sample : VL0731ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0731ABL01

Quant Time: Aug 01 01:12:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	139538	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	390208	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	340795	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.386	95	265127	9.824	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%

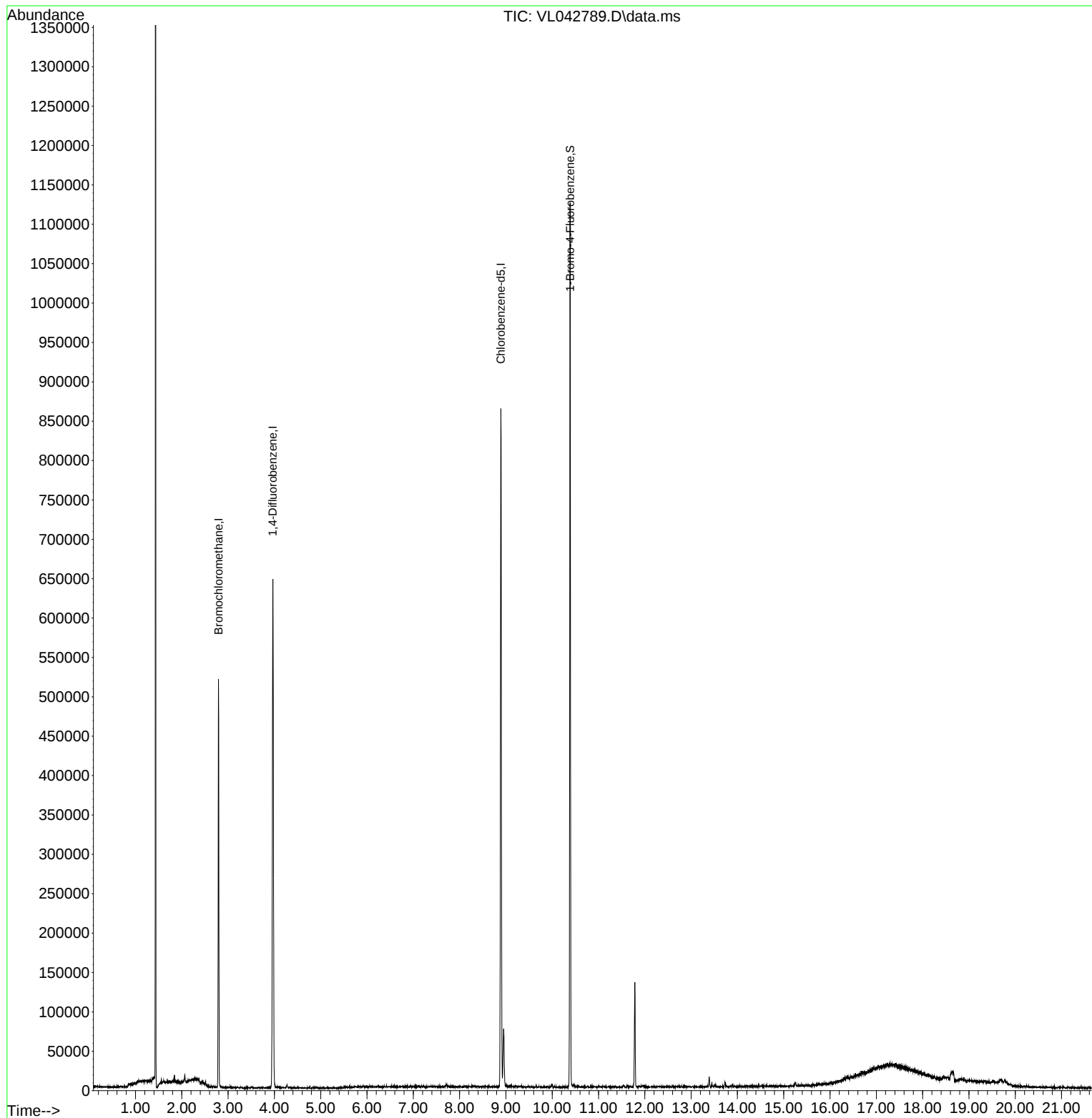
Target Compounds	Qvalue

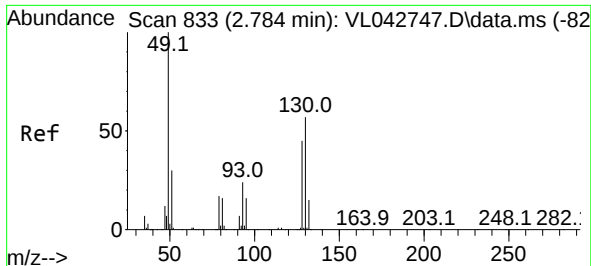
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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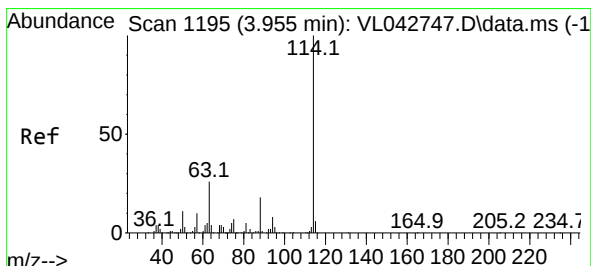
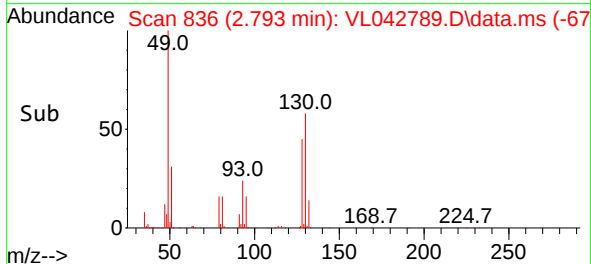
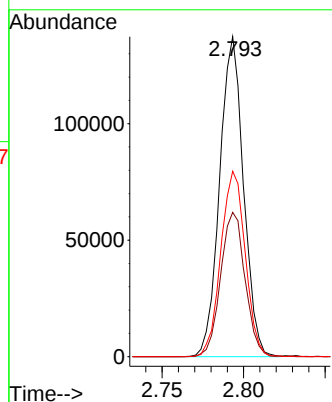
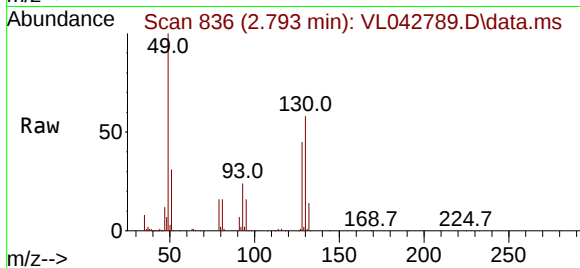




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.009 min
Lab File: VL042789.D
Acq: 31 Jul 2025 09:29

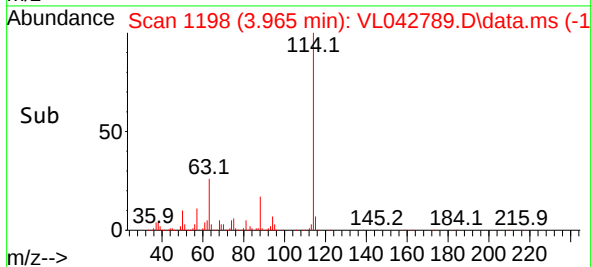
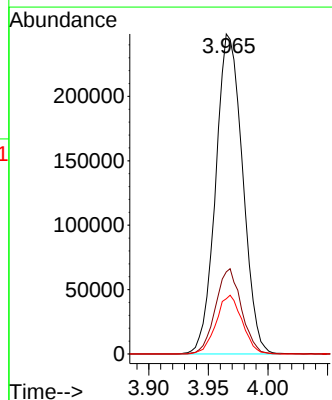
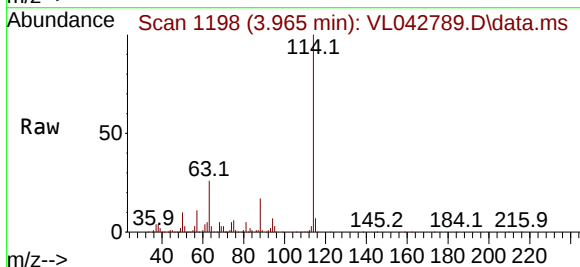
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABL01

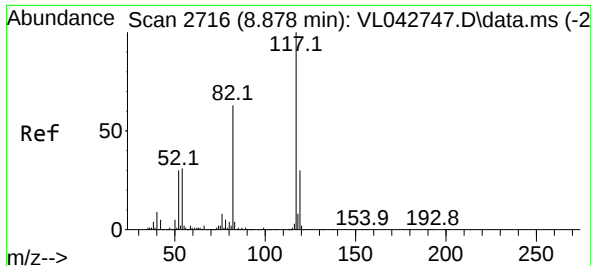
Tgt Ion: 49 Resp: 139538
Ion Ratio Lower Upper
49 100
128 46.3 23.6 71.0
130 59.4 30.3 90.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.010 min
Lab File: VL042789.D
Acq: 31 Jul 2025 09:29

Tgt Ion: 114 Resp: 390208
Ion Ratio Lower Upper
114 100
63 25.6 20.5 30.7
88 17.7 14.0 21.0

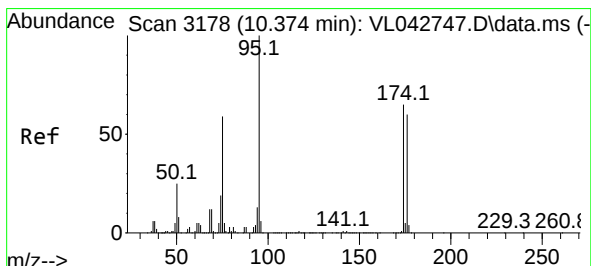
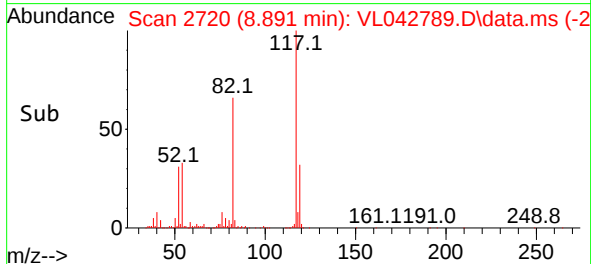
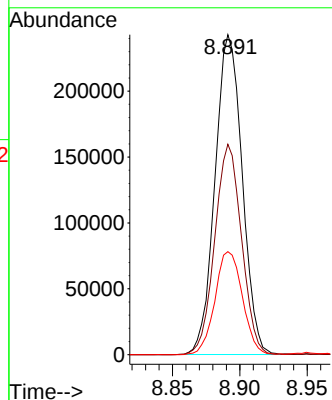
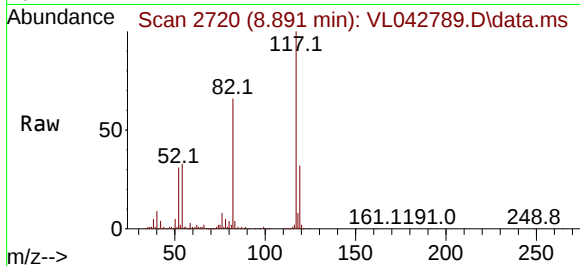




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042789.D
Acq: 31 Jul 2025 09:29

Instrument :
MSVOA_1
ClientSampleId :
VL0731ABL01

Tgt Ion:117 Resp: 340795
Ion Ratio Lower Upper
117 100
82 65.0 53.3 79.9
119 32.6 25.8 38.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.824 ppbv
RT: 10.386 min Scan# 3182
Delta R.T. 0.013 min
Lab File: VL042789.D
Acq: 31 Jul 2025 09:29

Tgt Ion: 95 Resp: 265127
Ion Ratio Lower Upper
95 100
174 67.0 53.8 80.6
175 4.9 4.0 6.0

