

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
 Data File : VL042990.D
 Acq On : 23 Sep 2025 14:01
 Operator : SY/MD
 Sample : CAN 10420
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10420

Quant Time: Sep 24 02:08:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 23 02:39:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	148605	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	398892	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	359223	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.380	95	277718	10.357	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.600%

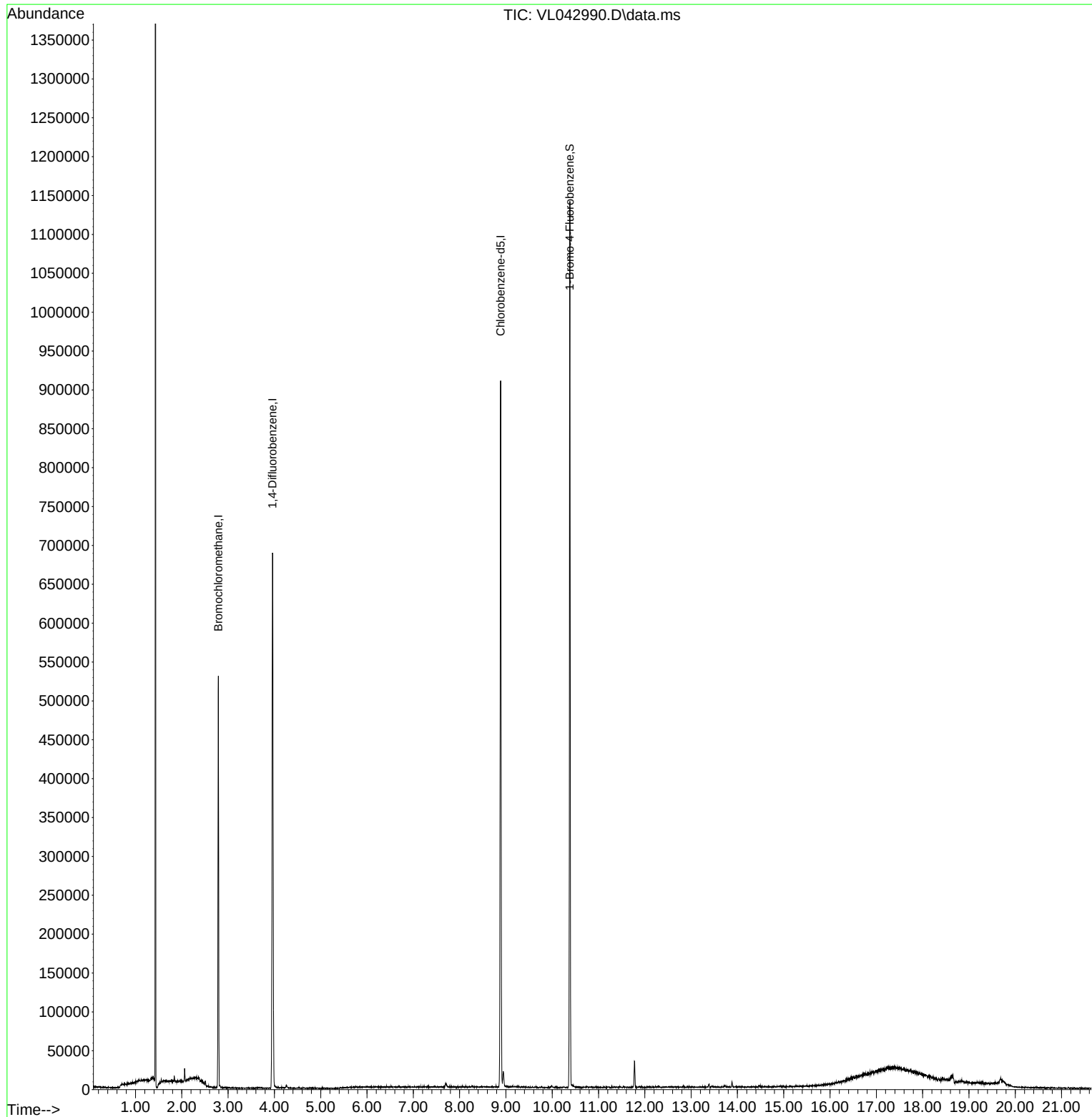
Target Compounds	Qvalue

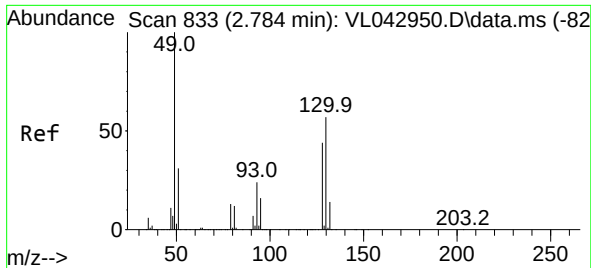
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 400mL/MSVOA_L
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Instrument :
MSVOA_L
ClientSampleId :
CAN 10420

Quant Time: Sep 24 02:08:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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Response via : Initial Calibration

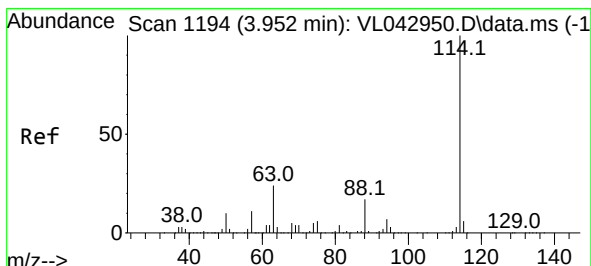
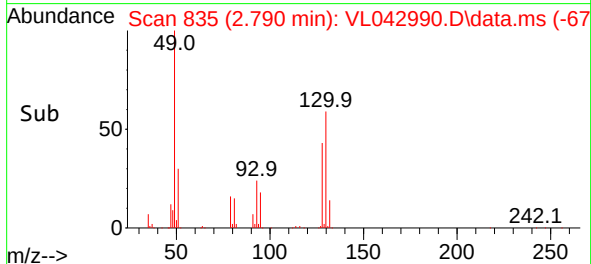
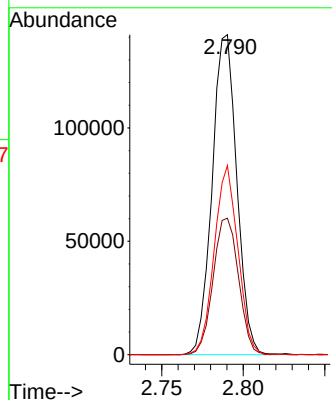
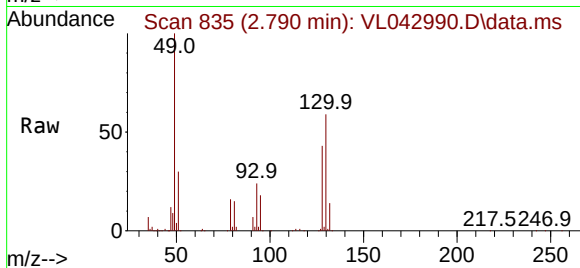




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042990.D
Acq: 23 Sep 2025 14:01

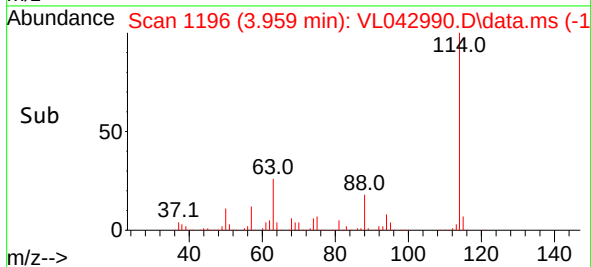
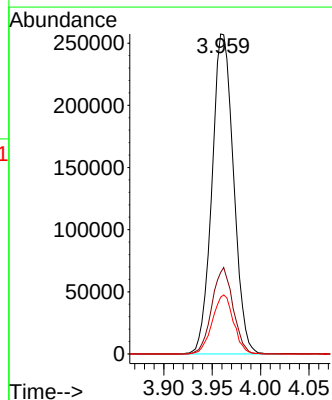
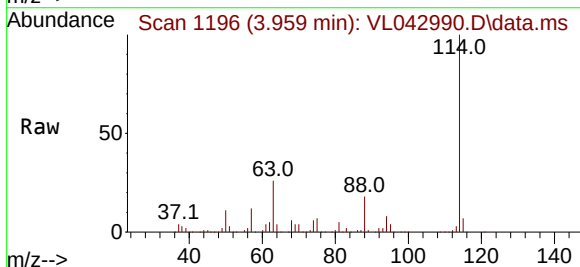
Instrument :
MSVOA_L
ClientSampleId :
CAN 10420

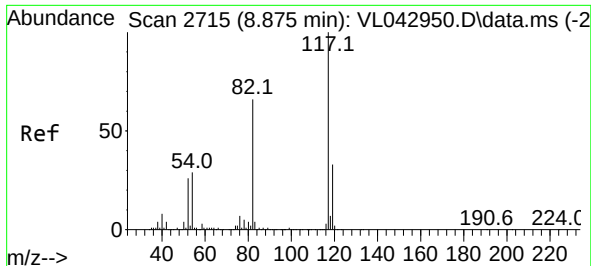
Tgt Ion: 49 Resp: 148605
Ion Ratio Lower Upper
49 100
128 44.0 22.9 68.8
130 56.6 29.1 87.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.006 min
Lab File: VL042990.D
Acq: 23 Sep 2025 14:01

Tgt Ion: 114 Resp: 398892
Ion Ratio Lower Upper
114 100
63 26.5 19.4 29.2
88 18.2 14.2 21.2

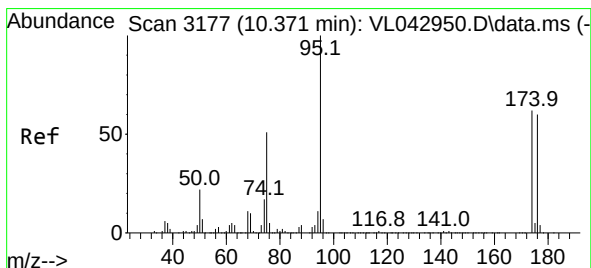
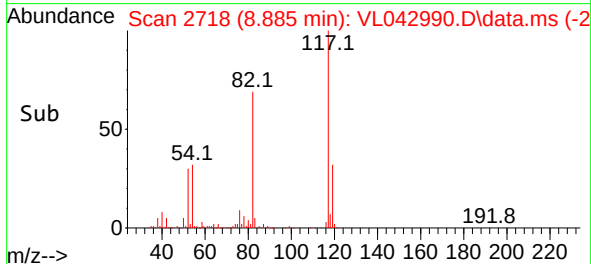
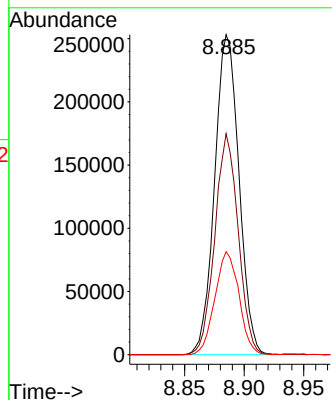
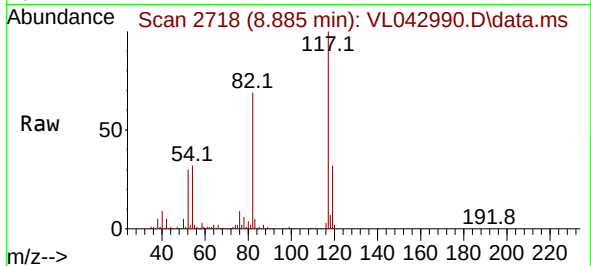




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042990.D
Acq: 23 Sep 2025 14:01

Instrument :
MSVOA_L
ClientSampleId :
CAN 10420

Tgt Ion:117 Resp: 359223
Ion Ratio Lower Upper
117 100
82 66.4 52.8 79.2
119 31.8 26.5 39.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.357 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.010 min
Lab File: VL042990.D
Acq: 23 Sep 2025 14:01

Tgt Ion: 95 Resp: 277718
Ion Ratio Lower Upper
95 100
174 61.0 51.4 77.2
175 4.6 4.0 6.0

