

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
 Data File : VL042989.D
 Acq On : 23 Sep 2025 13:26
 Operator : SY/MD
 Sample : CAN 10747
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10747

Quant Time: Sep 24 02:07:52 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	2.793	49	149203	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	404080	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.888	117	359428	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.383	95	280412	10.451	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.500%

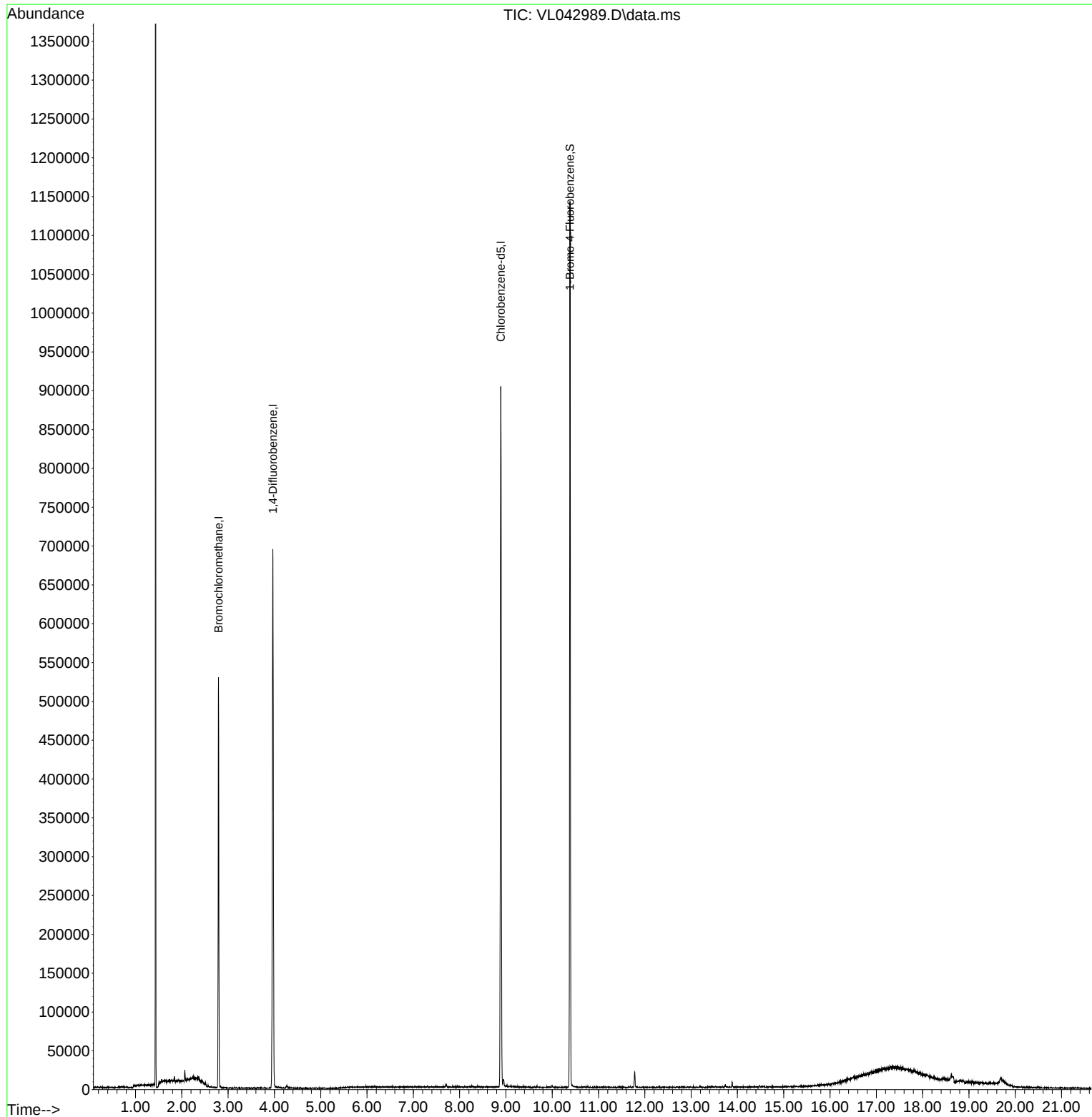
Target Compounds	Qvalue

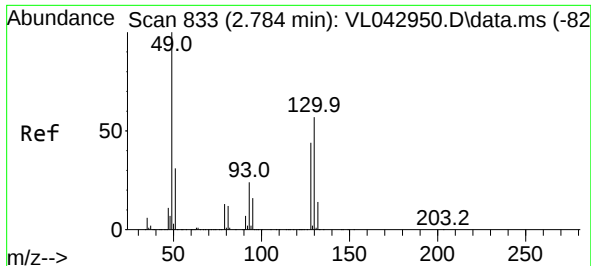
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042989.D
Acq On : 23 Sep 2025 13:26
Operator : SY/MD
Sample : CAN 10747
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10747

Quant Time: Sep 24 02:07:52 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
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

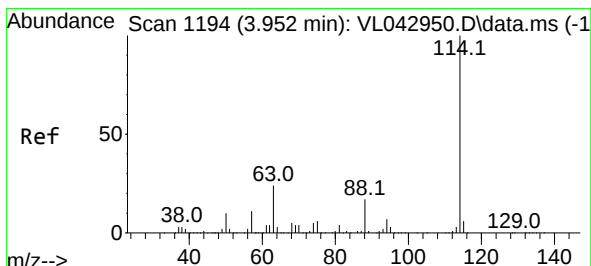
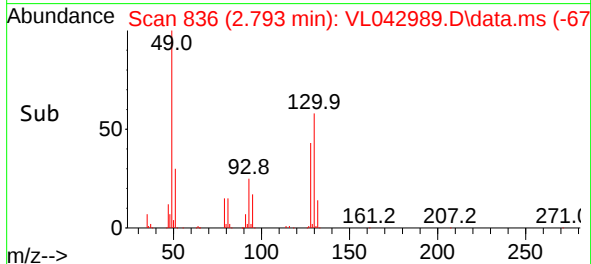
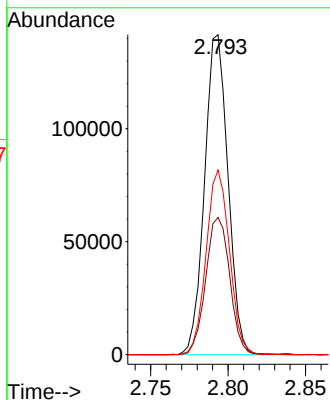
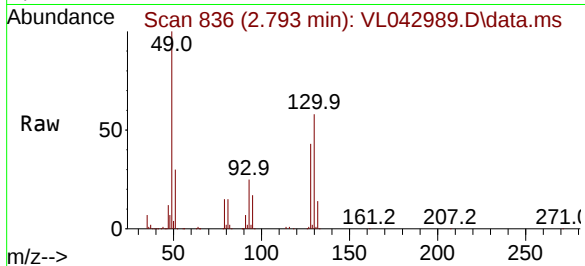




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.009 min
Lab File: VL042989.D
Acq: 23 Sep 2025 13:26

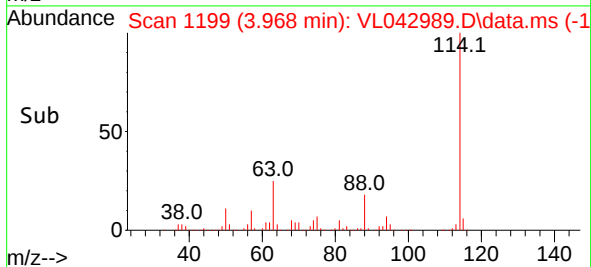
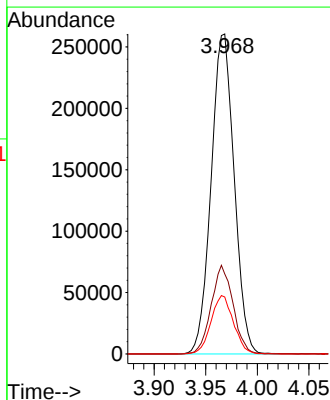
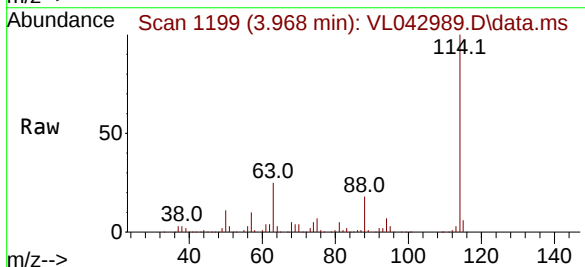
Instrument :
MSVOA_L
ClientSampleId :
CAN 10747

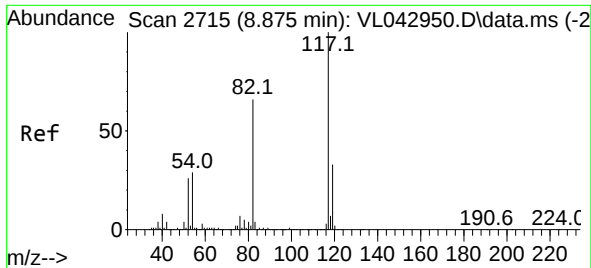
Tgt Ion: 49 Resp: 149203
Ion Ratio Lower Upper
49 100
128 44.0 22.9 68.8
130 57.5 29.1 87.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. 0.016 min
Lab File: VL042989.D
Acq: 23 Sep 2025 13:26

Tgt Ion: 114 Resp: 404080
Ion Ratio Lower Upper
114 100
63 26.4 19.4 29.2
88 17.8 14.2 21.2

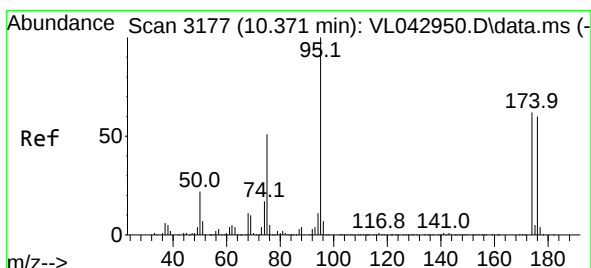
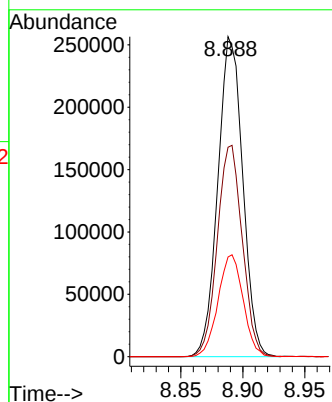
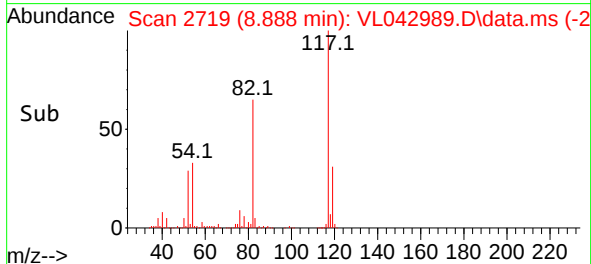
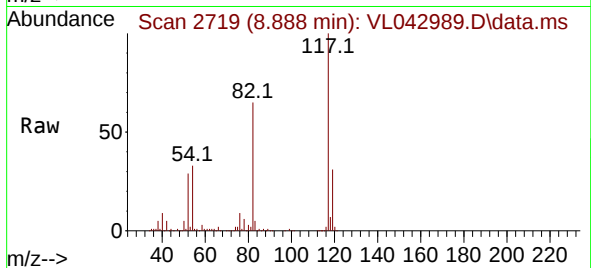




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042989.D
Acq: 23 Sep 2025 13:26

Instrument :
MSVOA_L
ClientSampleId :
CAN 10747

Tgt Ion:117 Resp: 359428
Ion Ratio Lower Upper
117 100
82 66.3 52.8 79.2
119 32.2 26.5 39.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.451 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.013 min
Lab File: VL042989.D
Acq: 23 Sep 2025 13:26

Tgt Ion: 95 Resp: 280412
Ion Ratio Lower Upper
95 100
174 59.8 51.4 77.2
175 4.4 4.0 6.0

