

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070325\
 Data File : VL042702.D
 Acq On : 03 Jul 2025 10:38
 Operator : SY/MD
 Sample : QC063025 CAN 10606
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC063025 CAN 10606

Quant Time: Jul 04 03:55:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 03 01:50:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	115729	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	286481	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	247417	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.386	95	184216	9.680	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.800%

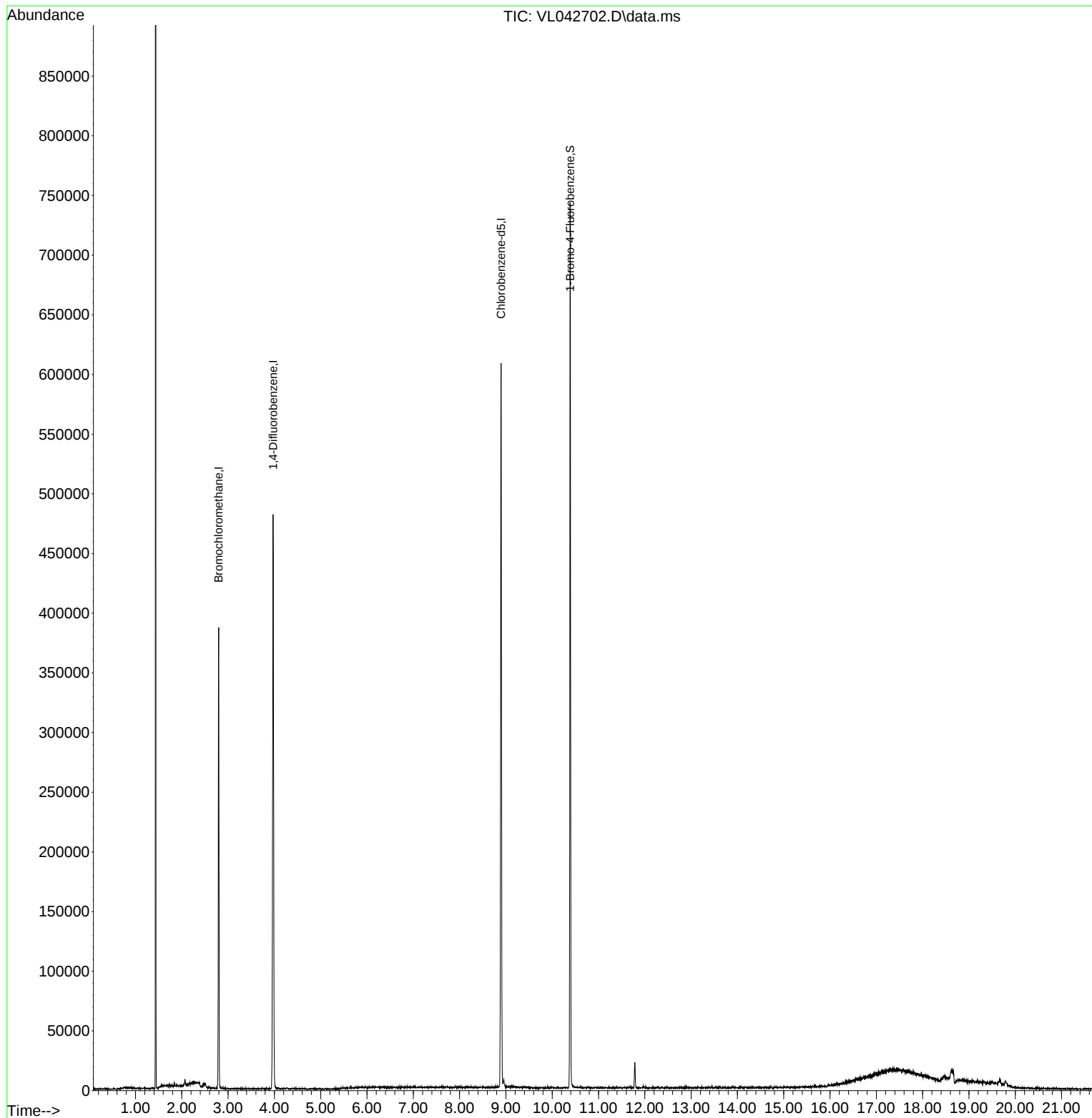
Target Compounds	Qvalue

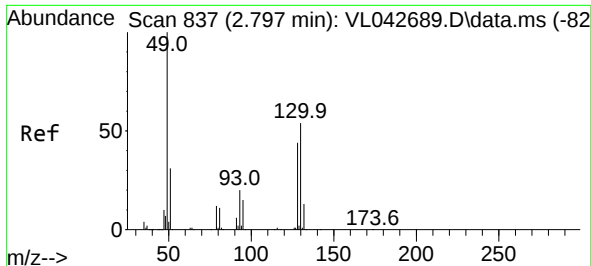
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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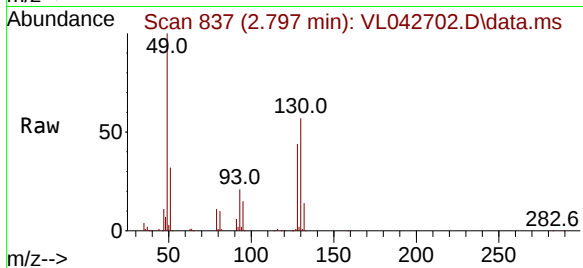
Quant Time: Jul 04 03:55:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
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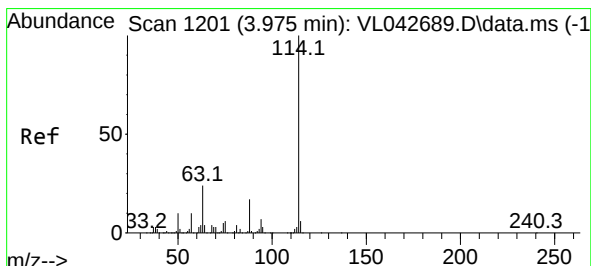
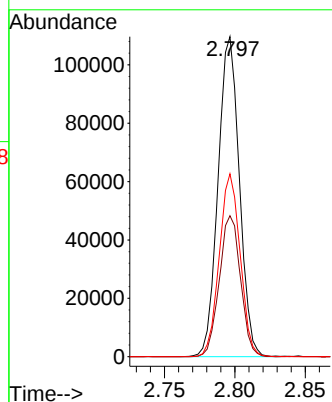
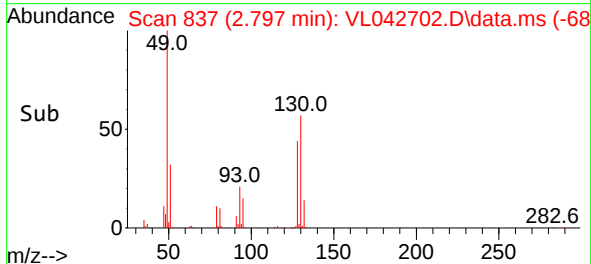


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042702.D
Acq: 03 Jul 2025 10:38

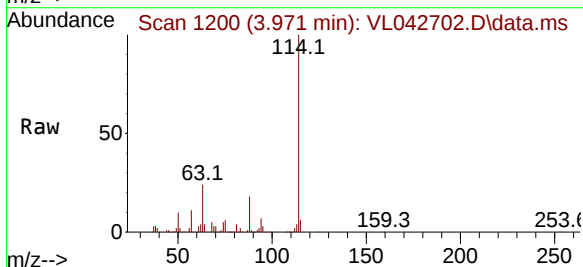
Instrument :
MSVOA_L
ClientSampleId :
QC063025 CAN 10606



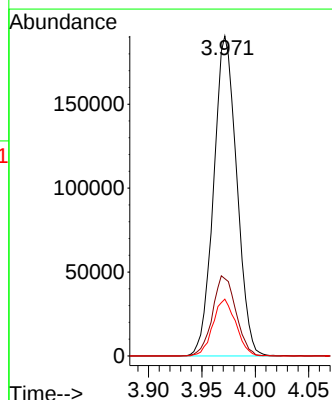
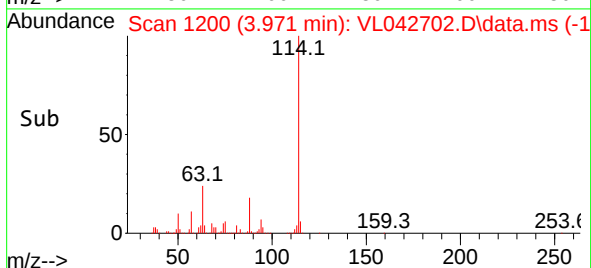
Tgt Ion: 49 Resp: 115729
Ion Ratio Lower Upper
49 100
128 43.8 21.4 64.2
130 55.9 28.0 84.0

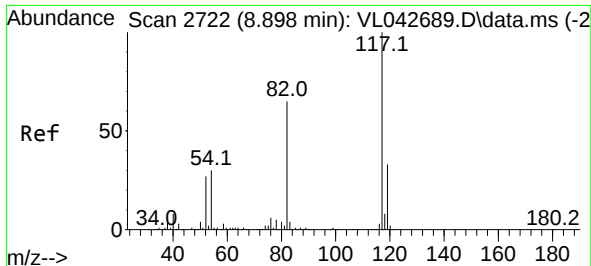


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.971 min Scan# 1200
Delta R.T. -0.003 min
Lab File: VL042702.D
Acq: 03 Jul 2025 10:38



Tgt Ion: 114 Resp: 286481
Ion Ratio Lower Upper
114 100
63 25.5 20.4 30.6
88 17.7 14.2 21.2

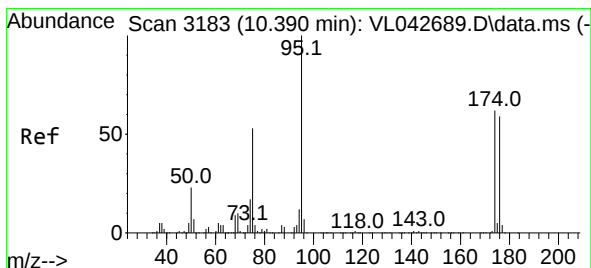
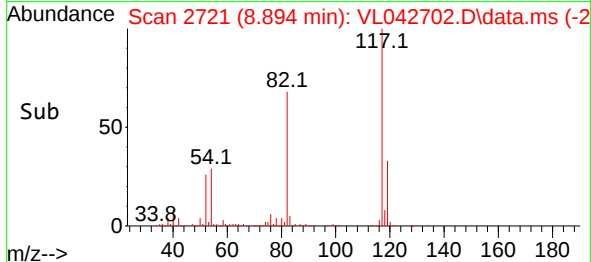
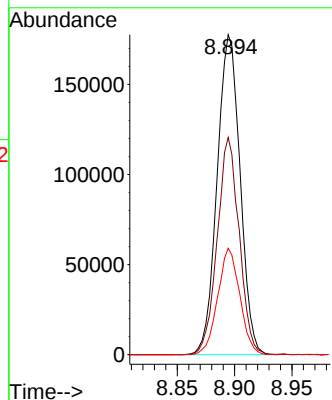
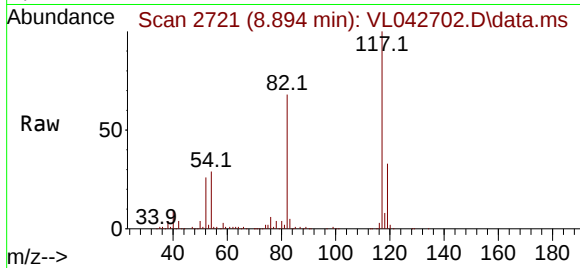




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042702.D
Acq: 03 Jul 2025 10:38

Instrument :
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ClientSampleId :
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Tgt Ion:117	Resp: 247417
Ion Ratio	Lower Upper
117 100	
82 64.8	53.4 80.2
119 32.1	26.6 39.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.680 ppbv
RT: 10.386 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VL042702.D
Acq: 03 Jul 2025 10:38

Tgt Ion: 95	Resp: 184216
Ion Ratio	Lower Upper
95 100	
174 64.1	51.2 76.8
175 4.6	3.8 5.8

