

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100925\
 Data File : VL043082.D
 Acq On : 09 Oct 2025 11:35
 Operator : SY/MD
 Sample : QC100625 CAN 10595
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC100625 CAN 10595

Quant Time: Oct 09 22:13:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 08:23:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.774	49	177578	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.939	114	496375	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.862	117	415022	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.361	95	308409	10.316	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.200%

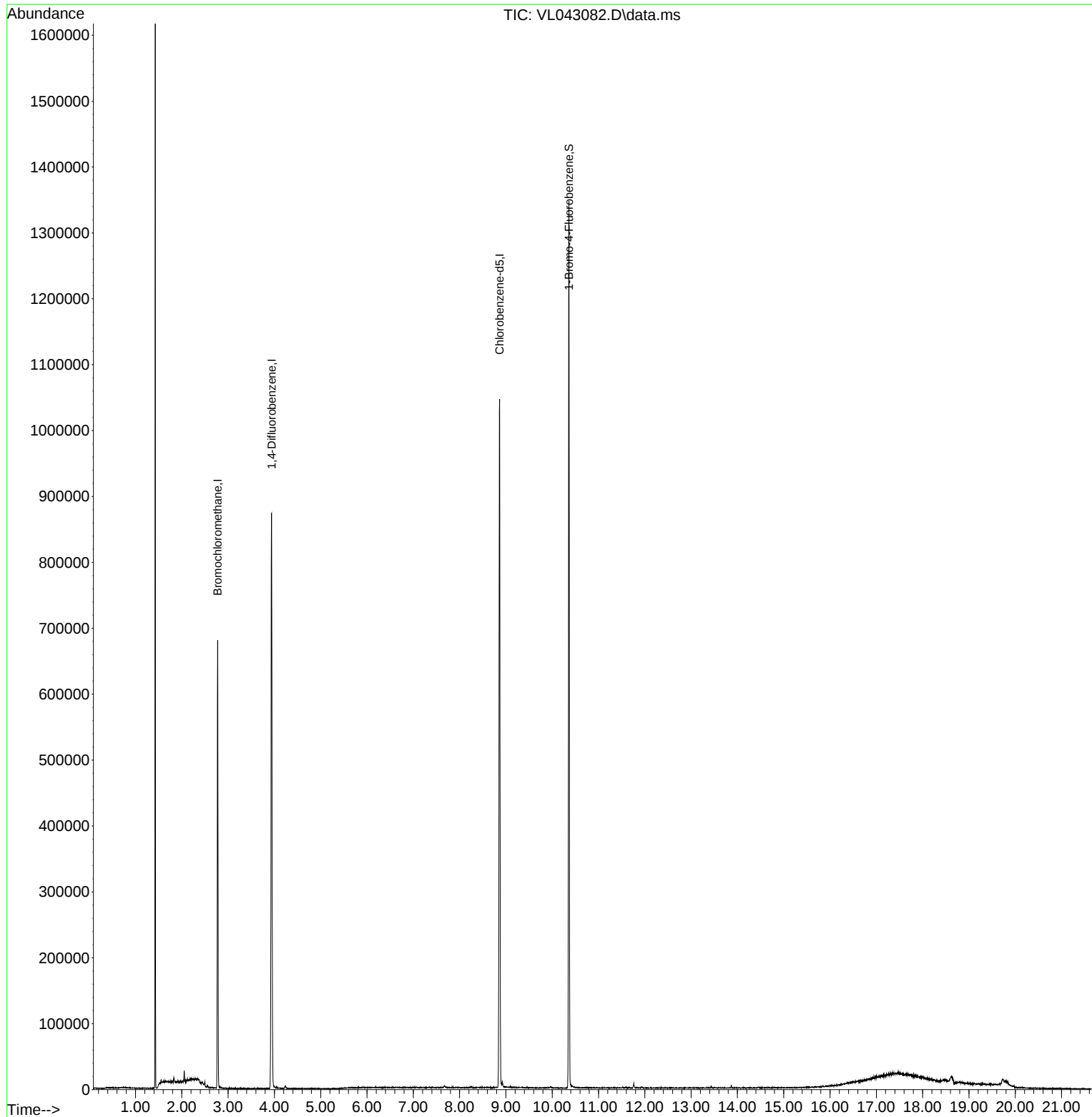
Target Compounds	Qvalue

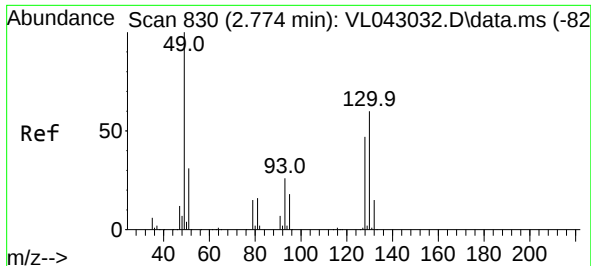
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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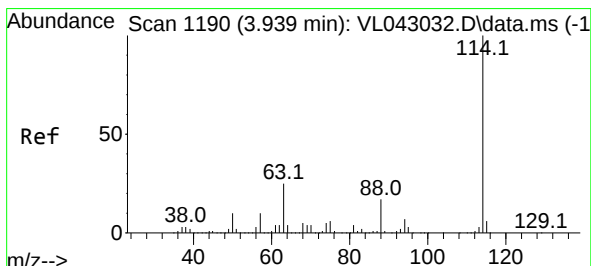
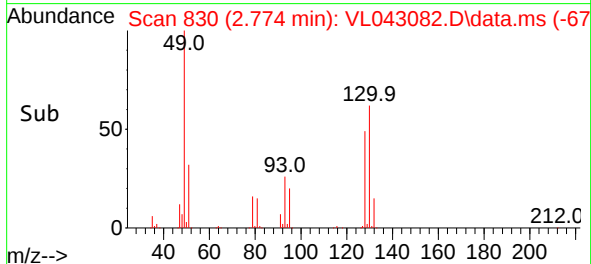
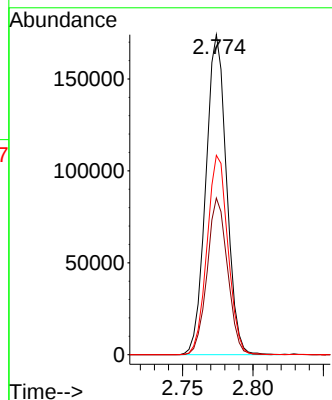
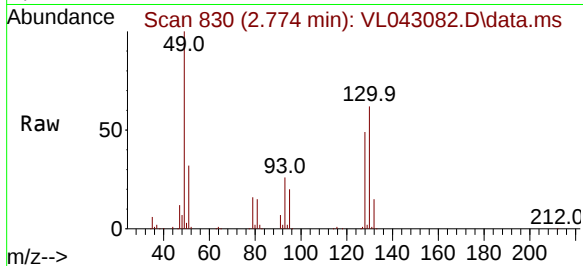




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.774 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL043082.D
Acq: 09 Oct 2025 11:35

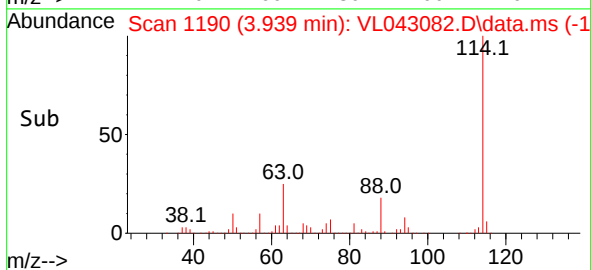
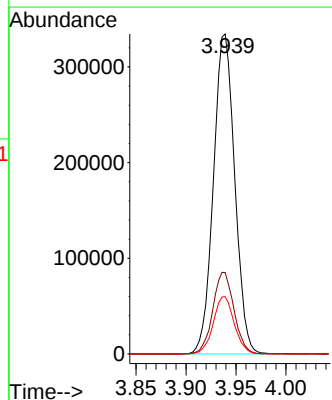
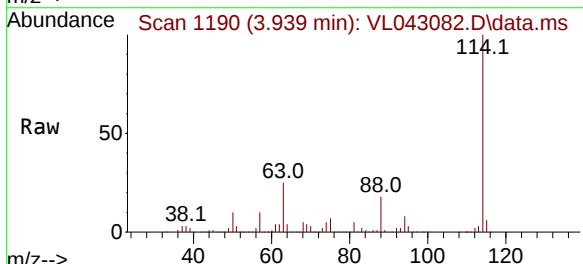
Instrument :
MSVOA_L
ClientSampleId :
QC100625 CAN 10595

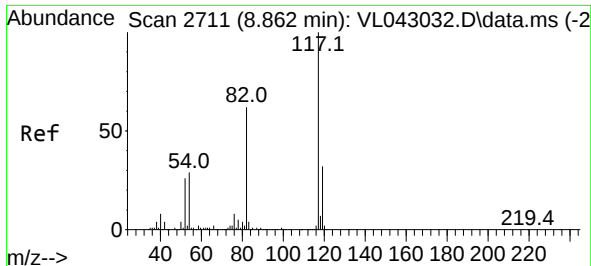
Tgt Ion: 49 Resp: 177578
Ion Ratio Lower Upper
49 100
128 48.3 24.1 72.2
130 62.9 31.4 94.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.939 min Scan# 1190
Delta R.T. -0.000 min
Lab File: VL043082.D
Acq: 09 Oct 2025 11:35

Tgt Ion: 114 Resp: 496375
Ion Ratio Lower Upper
114 100
63 25.5 19.4 29.2
88 17.7 13.9 20.9

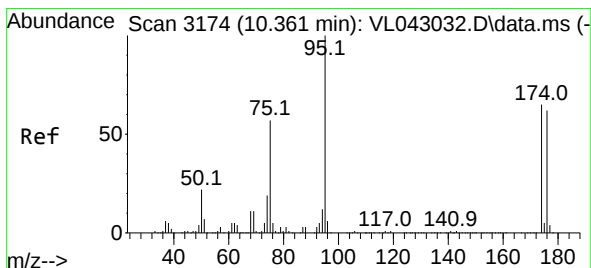
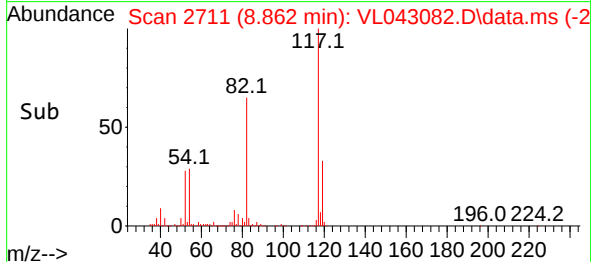
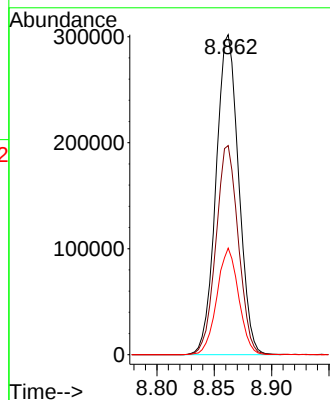
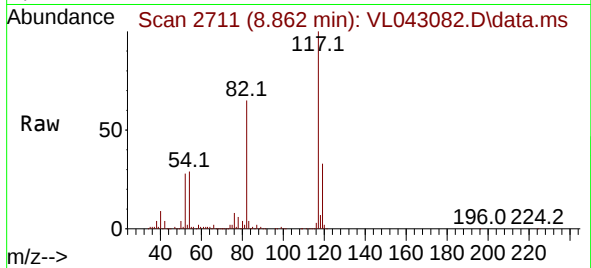




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.862 min Scan# 2711
Delta R.T. -0.000 min
Lab File: VL043082.D
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Instrument :
MSVOA_L
ClientSampleId :
QC100625 CAN 10595

Tgt Ion:117 Resp: 415022
Ion Ratio Lower Upper
117 100
82 64.7 53.0 79.6
119 32.0 25.4 38.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.316 ppbv
RT: 10.361 min Scan# 3174
Delta R.T. -0.000 min
Lab File: VL043082.D
Acq: 09 Oct 2025 11:35

Tgt Ion: 95 Resp: 308409
Ion Ratio Lower Upper
95 100
174 65.0 52.3 78.5
175 4.5 3.8 5.8

