

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100625\
 Data File : VL043047.D
 Acq On : 06 Oct 2025 10:50
 Operator : SY/MD
 Sample : QC092925 CAN 10198
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC092925 CAN 10198

Quant Time: Oct 07 01:34:08 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	2.781	49	179875	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	513223	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	411248	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	285855	9.649	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.500%

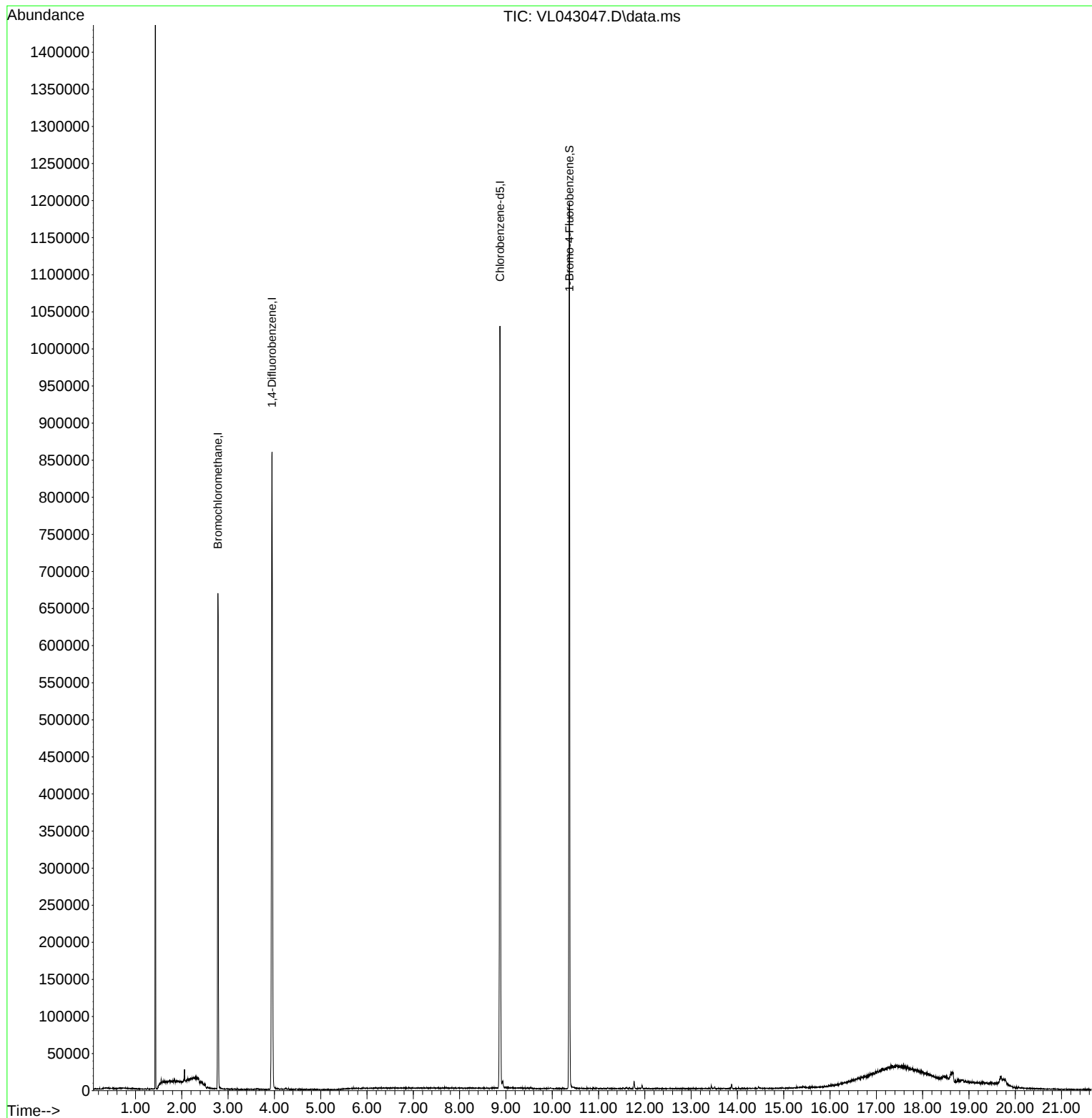
Target Compounds	Qvalue

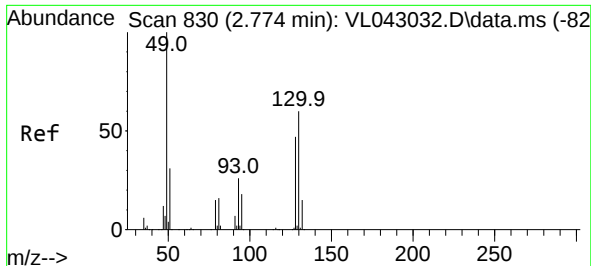
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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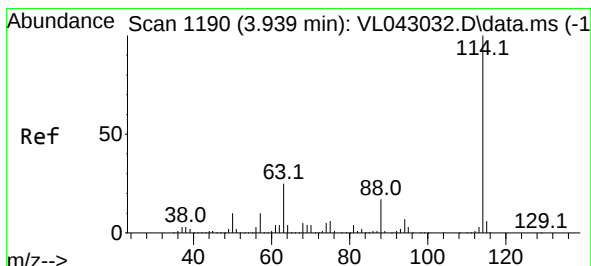
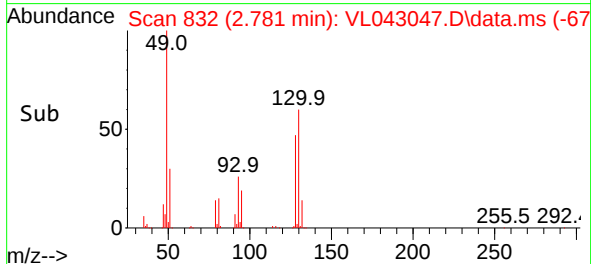
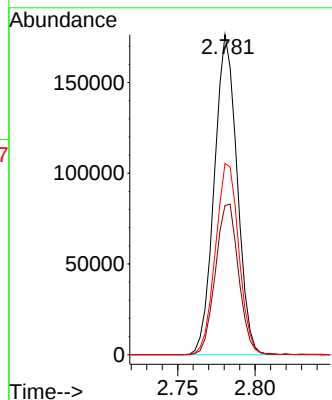
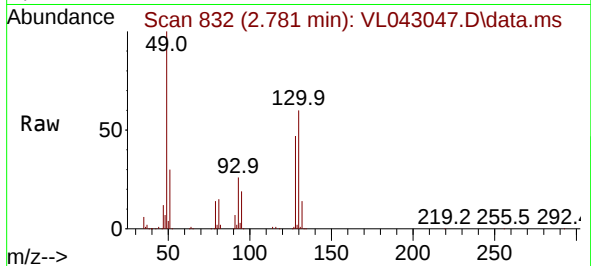




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL043047.D
Acq: 06 Oct 2025 10:50

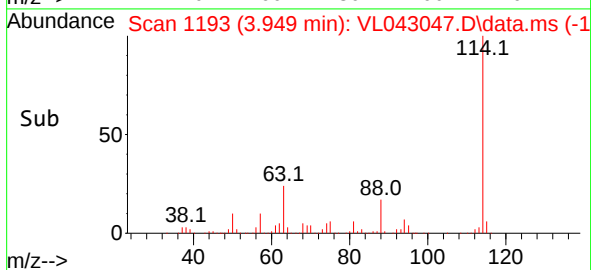
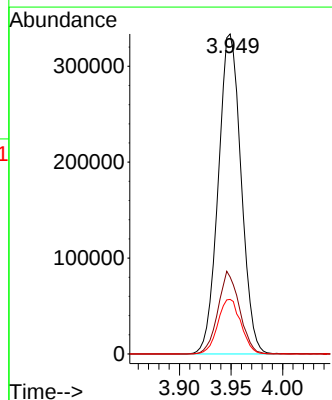
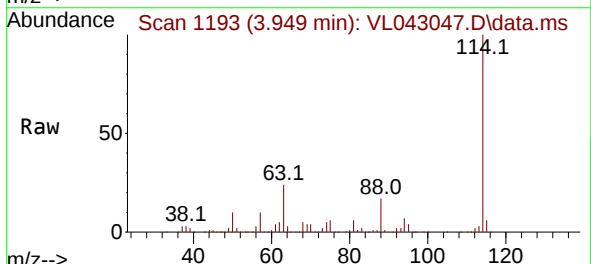
Instrument :
MSVOA_L
ClientSampleId :
QC092925 CAN 10198

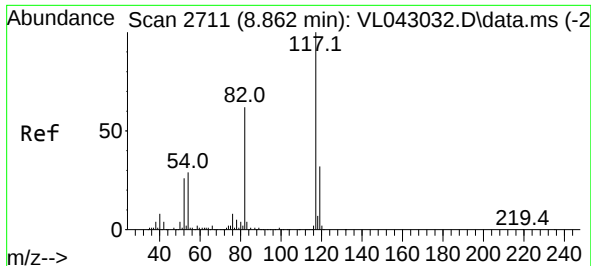
Tgt Ion: 49 Resp: 179875
Ion Ratio Lower Upper
49 100
128 48.1 24.1 72.2
130 61.5 31.4 94.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. 0.010 min
Lab File: VL043047.D
Acq: 06 Oct 2025 10:50

Tgt Ion: 114 Resp: 513223
Ion Ratio Lower Upper
114 100
63 24.4 19.4 29.2
88 17.3 13.9 20.9

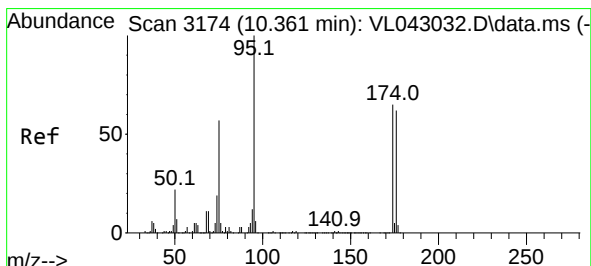
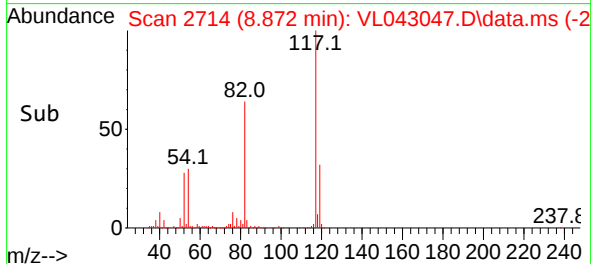
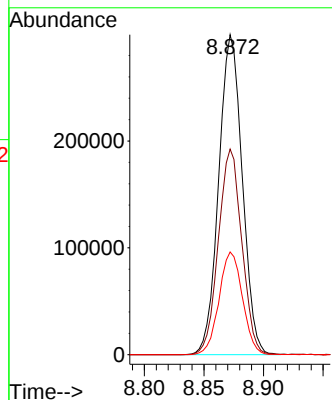
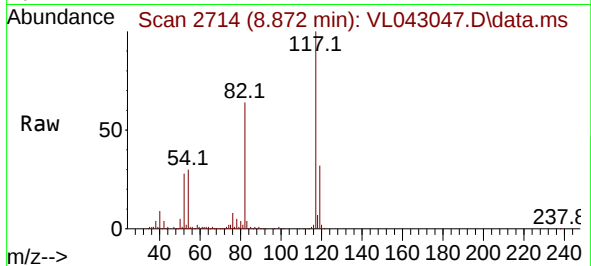




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL043047.D
Acq: 06 Oct 2025 10:50

Instrument :
MSVOA_L
ClientSampleId :
QC092925 CAN 10198

Tgt Ion:117 Resp: 411248
Ion Ratio Lower Upper
117 100
82 64.1 53.0 79.6
119 32.1 25.4 38.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.649 ppbv
RT: 10.370 min Scan# 3177
Delta R.T. 0.010 min
Lab File: VL043047.D
Acq: 06 Oct 2025 10:50

Tgt Ion: 95 Resp: 285855
Ion Ratio Lower Upper
95 100
174 65.5 52.3 78.5
175 4.7 3.8 5.8

