

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090825\
 Data File : VL042907.D
 Acq On : 08 Sep 2025 17:09
 Operator : SY/MD
 Sample : QC090425 CAN 10158
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC090425 CAN 10158

Quant Time: Sep 09 00:58:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 09 00:52:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	136294	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	340722	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	282979	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	208804	9.839	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%

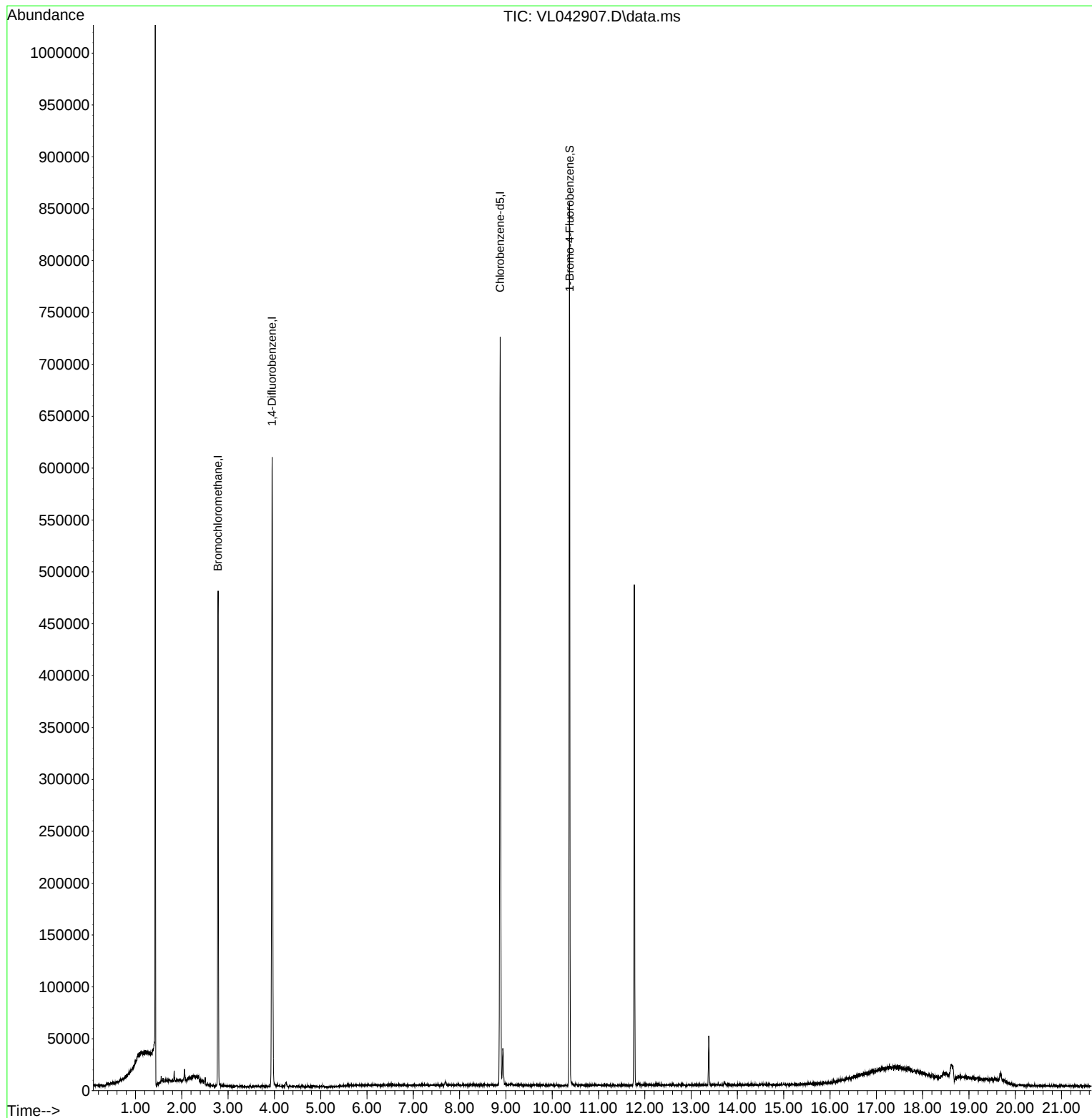
Target Compounds	Qvalue

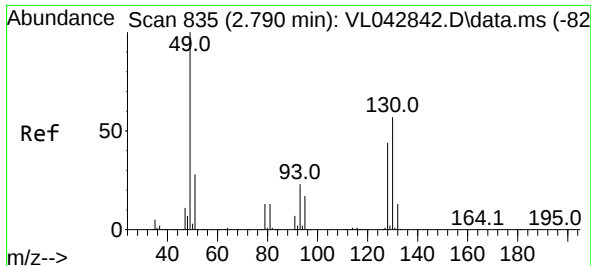
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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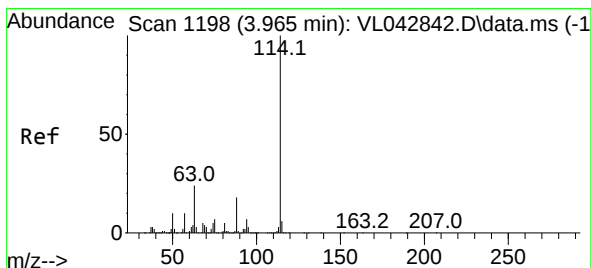
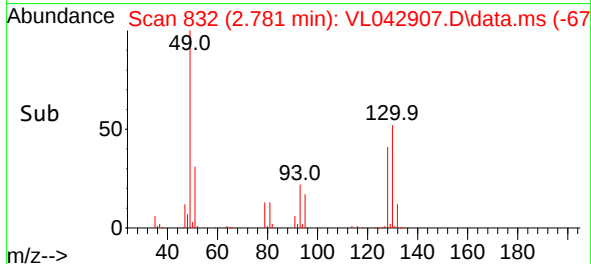
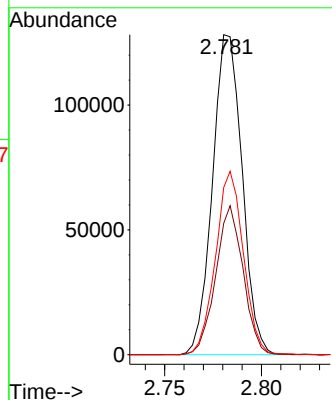
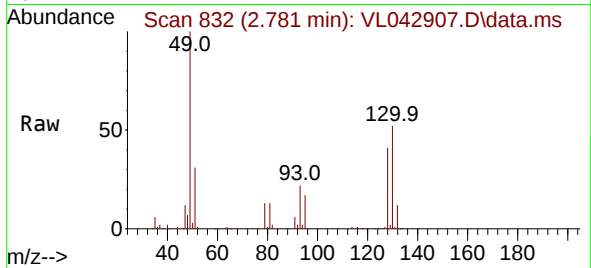




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042907.D
Acq: 08 Sep 2025 17:09

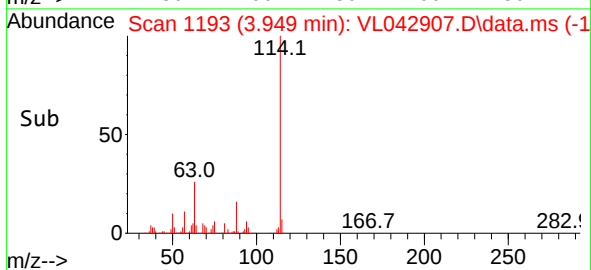
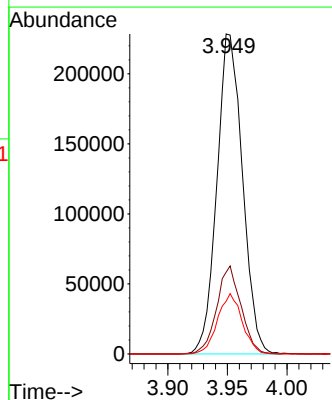
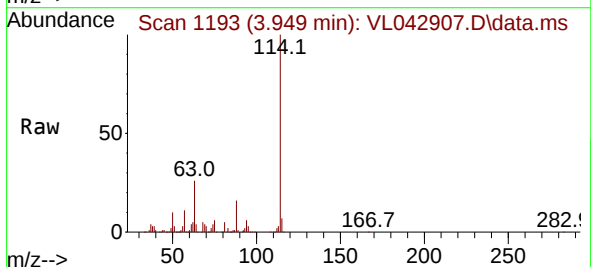
Instrument :
MSVOA_L
ClientSampleId :
QC090425 CAN 10158

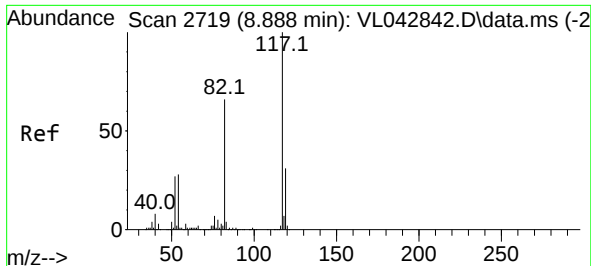
Tgt Ion: 49 Resp: 136294
Ion Ratio Lower Upper
49 100
128 43.1 23.7 71.1
130 54.2 30.6 91.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VL042907.D
Acq: 08 Sep 2025 17:09

Tgt Ion: 114 Resp: 340722
Ion Ratio Lower Upper
114 100
63 26.1 19.7 29.5
88 18.2 14.4 21.6

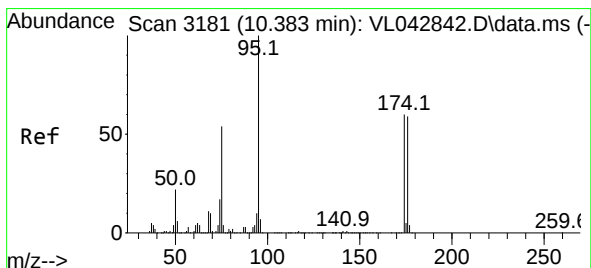
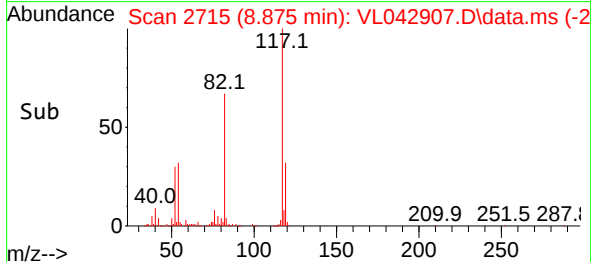
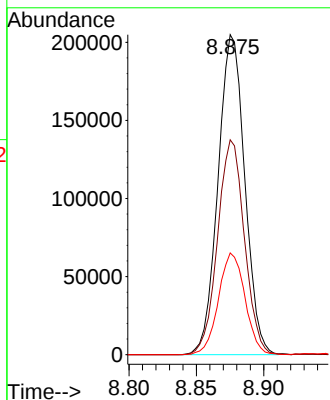
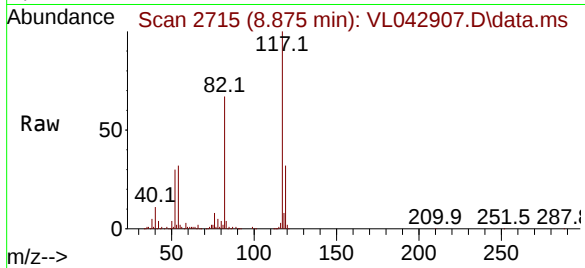




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042907.D
Acq: 08 Sep 2025 17:09

Instrument :
MSVOA_L
ClientSampleId :
QC090425 CAN 10158

Tgt Ion: 117 Resp: 282979
Ion Ratio Lower Upper
117 100
82 67.4 54.6 81.8
119 31.6 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.839 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. 0.010 min
Lab File: VL042907.D
Acq: 08 Sep 2025 17:09

Tgt Ion: 95 Resp: 208804
Ion Ratio Lower Upper
95 100
174 56.9 48.4 72.6
175 4.2 3.8 5.8

