

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
 Data File : VL042860.D
 Acq On : 13 Aug 2025 20:12
 Operator : SY/MD
 Sample : QC081125 CAN 10280
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC081125 CAN 10280

Quant Time: Aug 14 02:21:54 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 : Thu Aug 14 02:12:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	123066	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	370905	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	326548	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	243879	9.958	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%

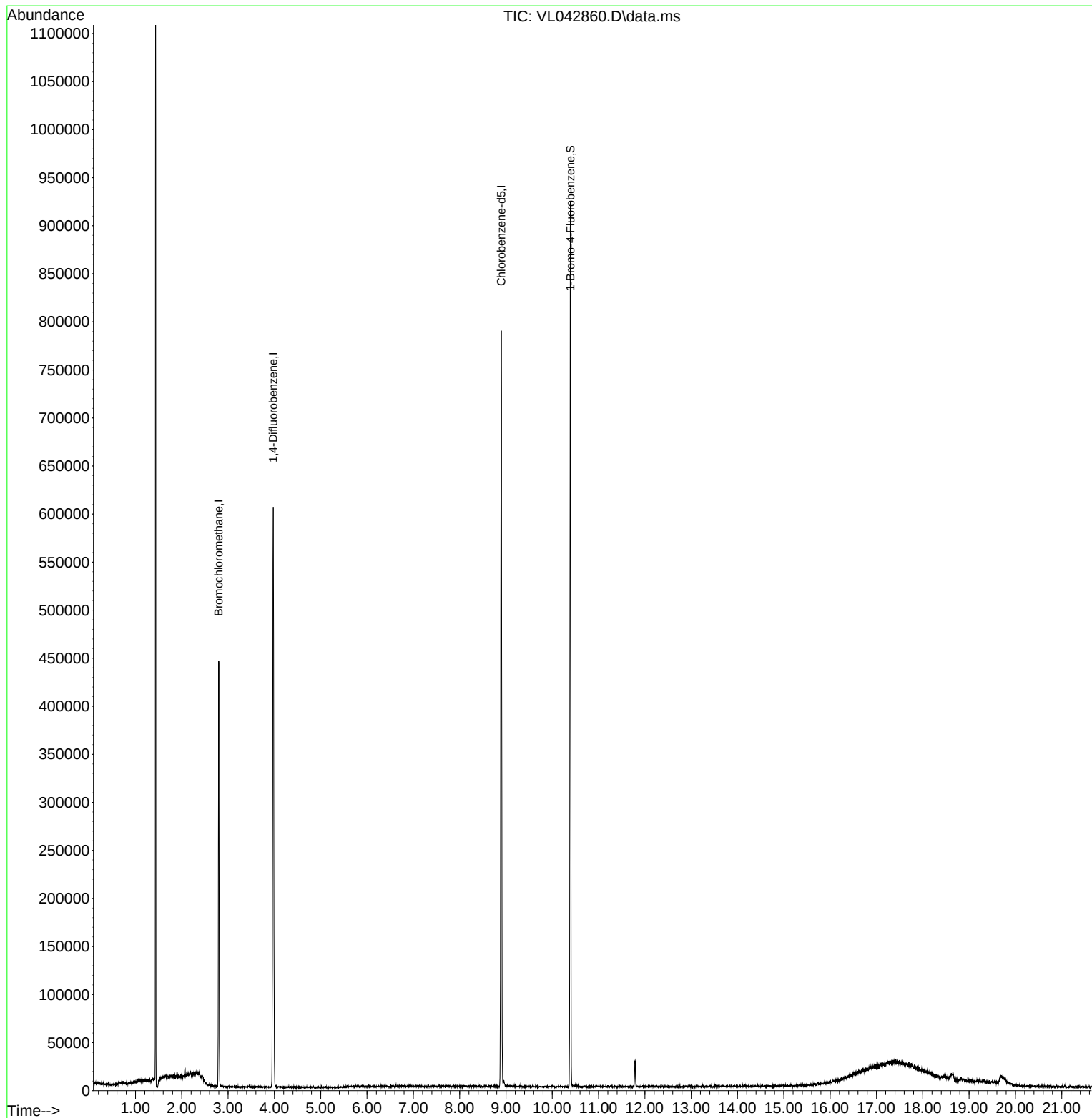
Target Compounds	Qvalue

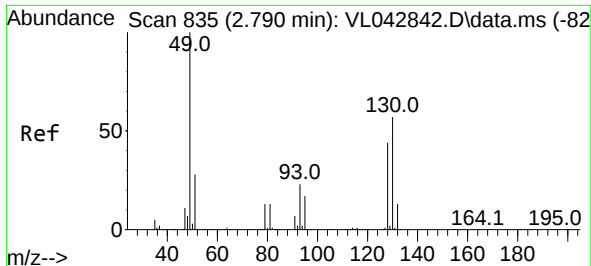
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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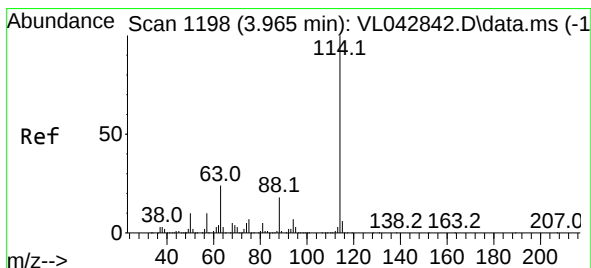
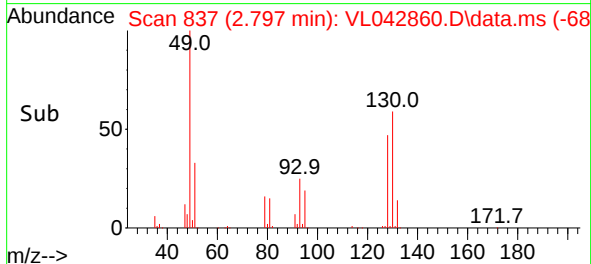
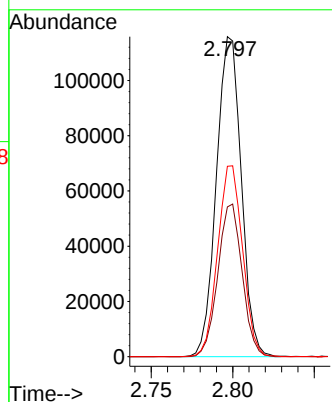
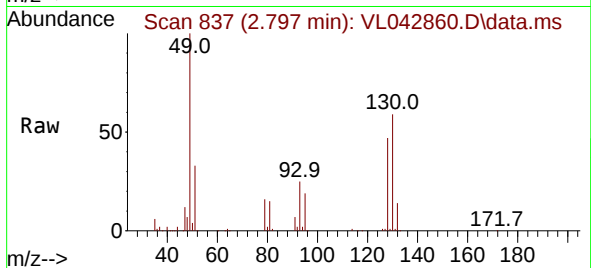




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL042860.D
Acq: 13 Aug 2025 20:12

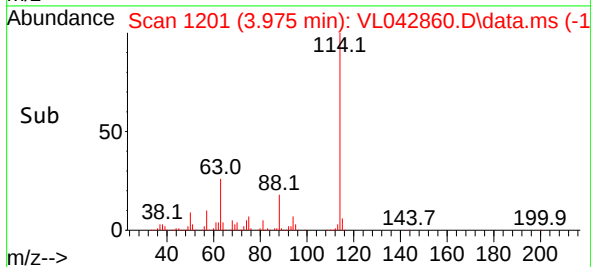
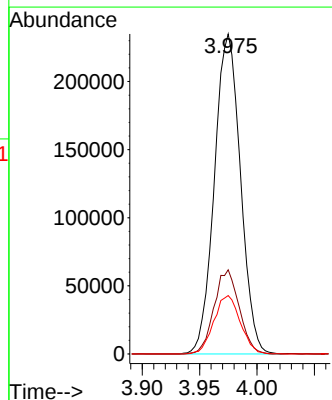
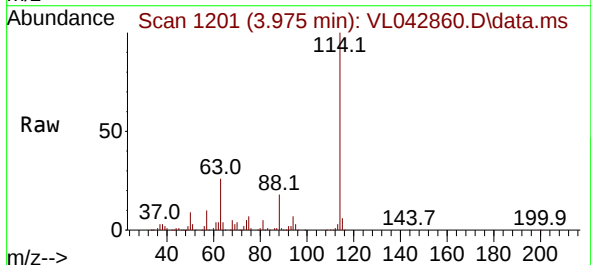
Instrument :
MSVOA_L
ClientSampleId :
QC081125 CAN 10280

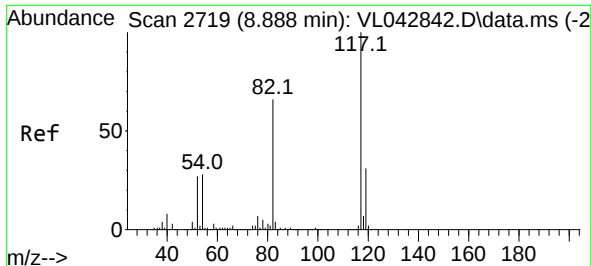
Tgt Ion: 49 Resp: 123066
Ion Ratio Lower Upper
49 100
128 46.5 23.7 71.1
130 59.7 30.6 91.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. 0.010 min
Lab File: VL042860.D
Acq: 13 Aug 2025 20:12

Tgt Ion: 114 Resp: 370905
Ion Ratio Lower Upper
114 100
63 25.4 19.7 29.5
88 18.5 14.4 21.6

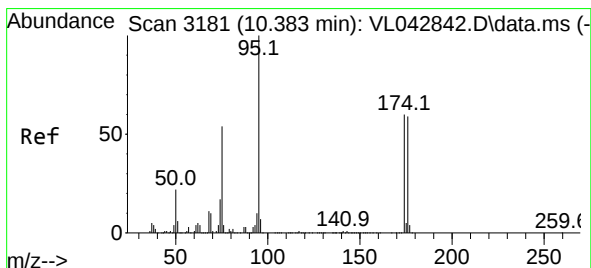
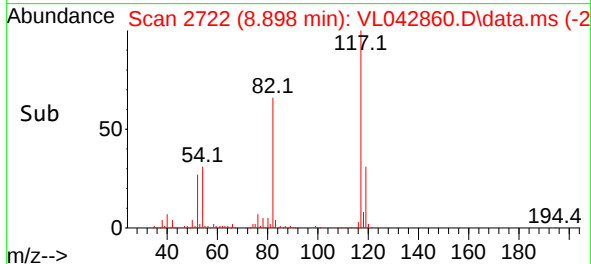
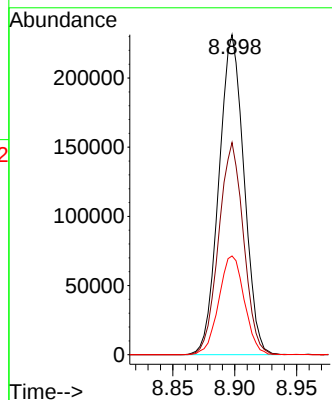
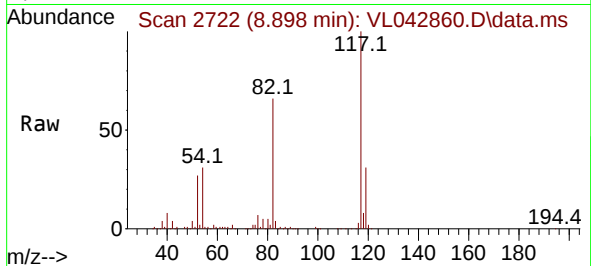




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042860.D
Acq: 13 Aug 2025 20:12

Instrument :
MSVOA_L
ClientSampleId :
QC081125 CAN 10280

Tgt Ion:117 Resp: 326548
Ion Ratio Lower Upper
117 100
82 65.7 54.6 81.8
119 31.5 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.958 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. 0.006 min
Lab File: VL042860.D
Acq: 13 Aug 2025 20:12

Tgt Ion: 95 Resp: 243879
Ion Ratio Lower Upper
95 100
174 56.2 48.4 72.6
175 4.2 3.8 5.8

