

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
 Data File : VL042881.D
 Acq On : 26 Aug 2025 09:16
 Operator : SY/MD
 Sample : VL0826ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0826ABL01

Quant Time: Aug 27 01:10:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	2.790	49	123348	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	337393	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	287495	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.380	95	220631	10.233	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%

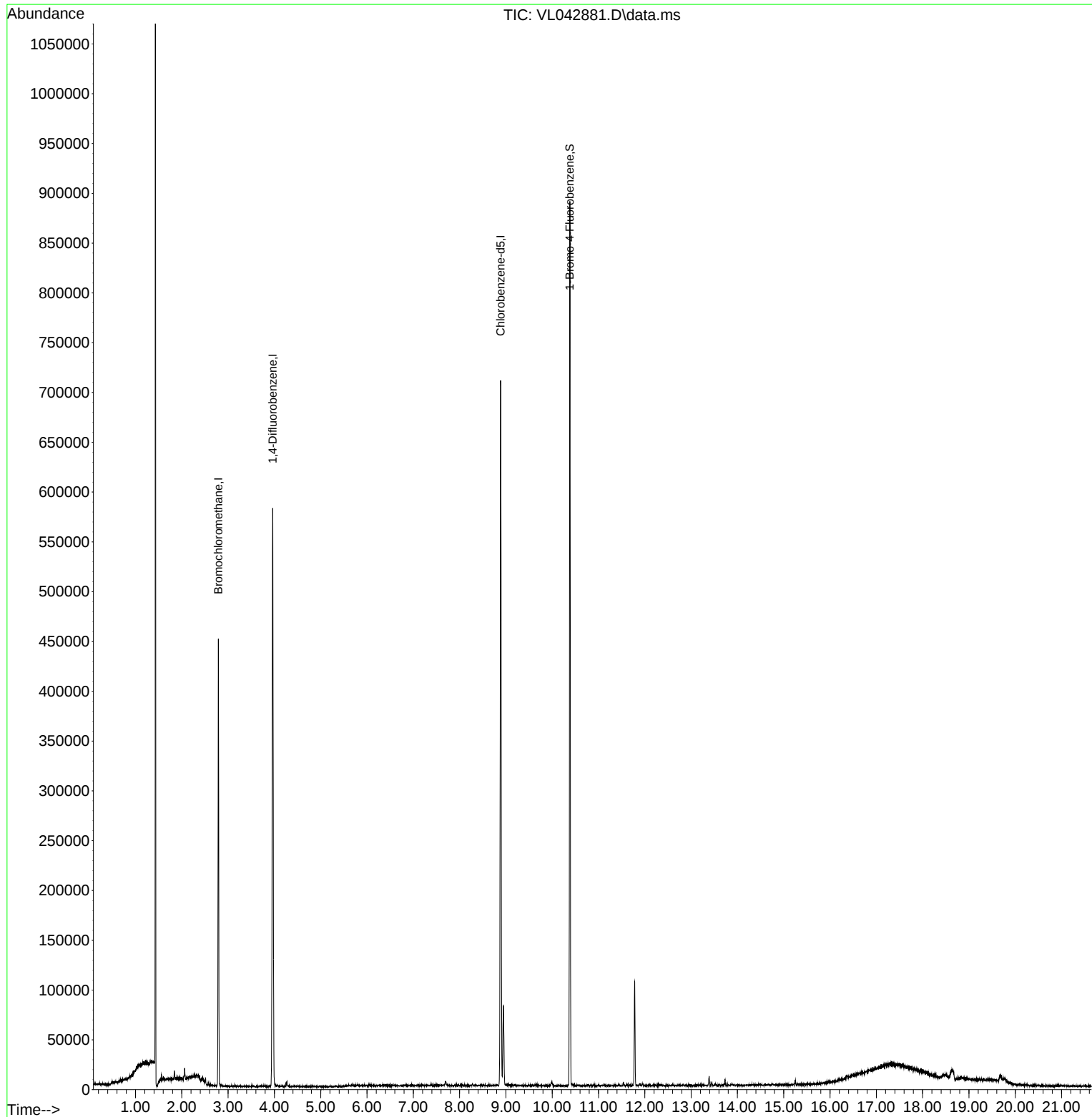
Target Compounds	Qvalue

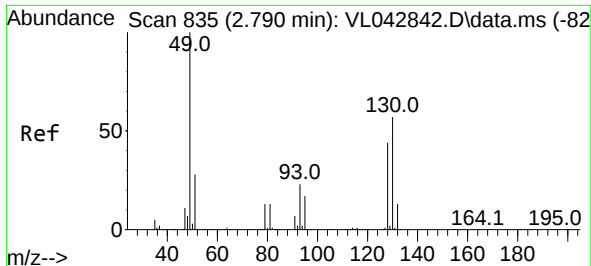
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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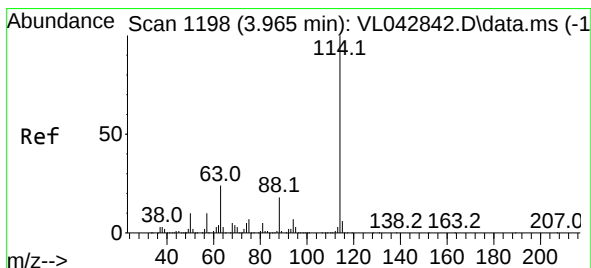
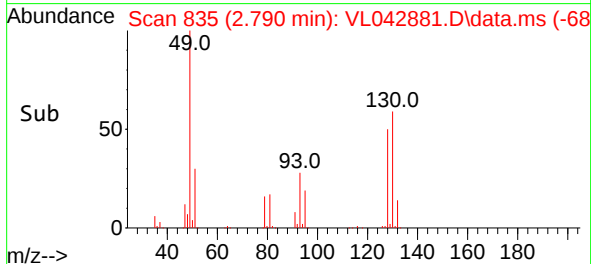
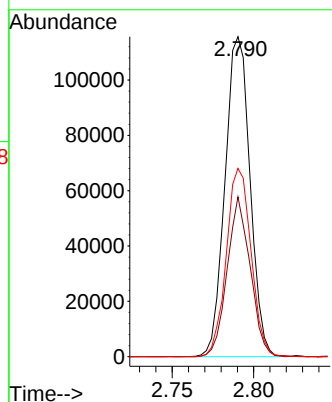
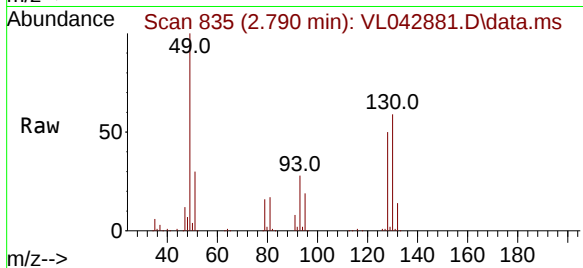




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.790 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VL042881.D
 Acq: 26 Aug 2025 09:16

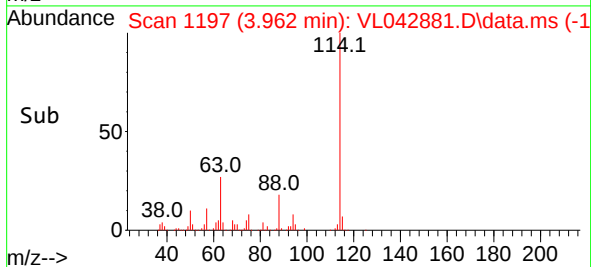
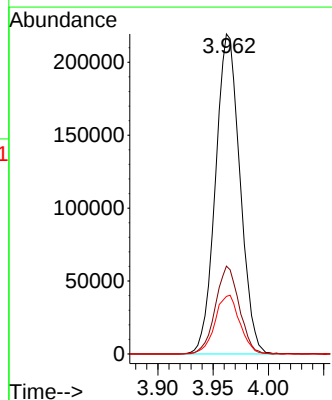
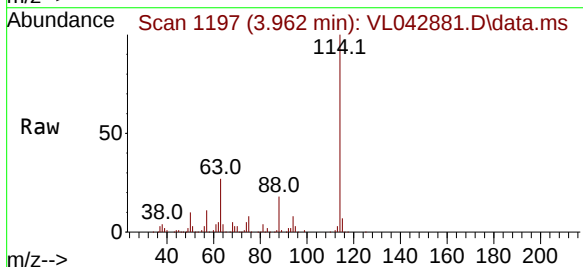
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0826ABL01

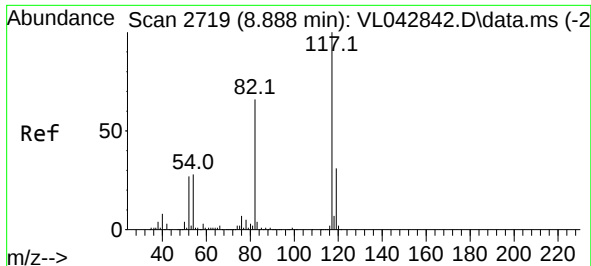
Tgt Ion: 49 Resp: 123348
 Ion Ratio Lower Upper
 49 100
 128 45.9 23.7 71.1
 130 58.2 30.6 91.6



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.962 min Scan# 1197
 Delta R.T. -0.003 min
 Lab File: VL042881.D
 Acq: 26 Aug 2025 09:16

Tgt Ion: 114 Resp: 337393
 Ion Ratio Lower Upper
 114 100
 63 26.8 19.7 29.5
 88 18.6 14.4 21.6

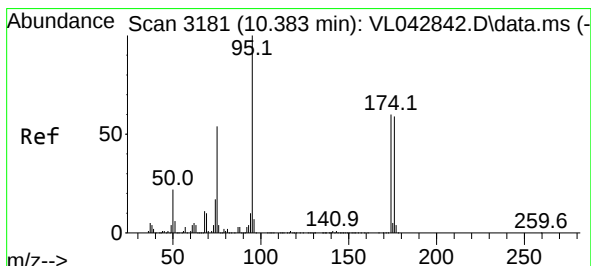
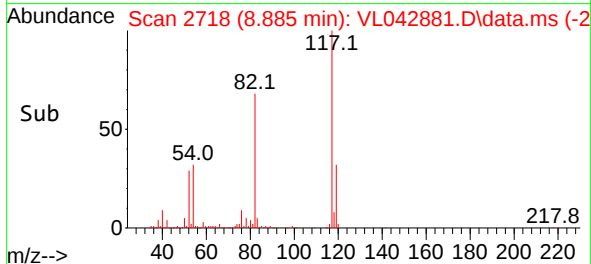
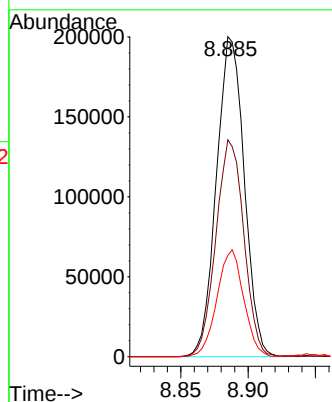
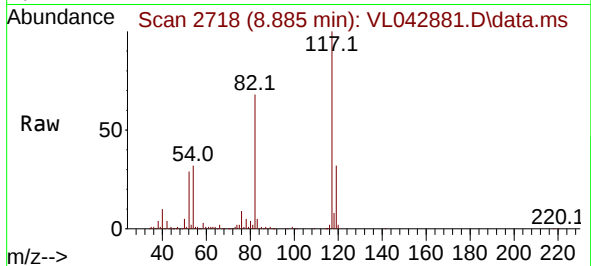




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042881.D
Acq: 26 Aug 2025 09:16

Instrument :
MSVOA_L
ClientSampleId :
VL0826ABL01

Tgt Ion:117 Resp: 287495
Ion Ratio Lower Upper
117 100
82 68.2 54.6 81.8
119 32.1 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.233 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. -0.003 min
Lab File: VL042881.D
Acq: 26 Aug 2025 09:16

Tgt Ion: 95 Resp: 220631
Ion Ratio Lower Upper
95 100
174 57.1 48.4 72.6
175 4.0 3.8 5.8

