

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
 Data File : VN087721.D
 Acq On : 04 Sep 2025 14:37
 Operator : JC\MD
 Sample : Q3017-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-079-IDWGW-20250903

Quant Time: Sep 05 02:21:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	39130	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	202717	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	174966	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	106030	29.378	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.933%
60) 4-Bromofluorobenzene	12.829	95	76366	25.362	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.533%
63) Toluene-d8	10.547	98	247129	30.697	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.333%

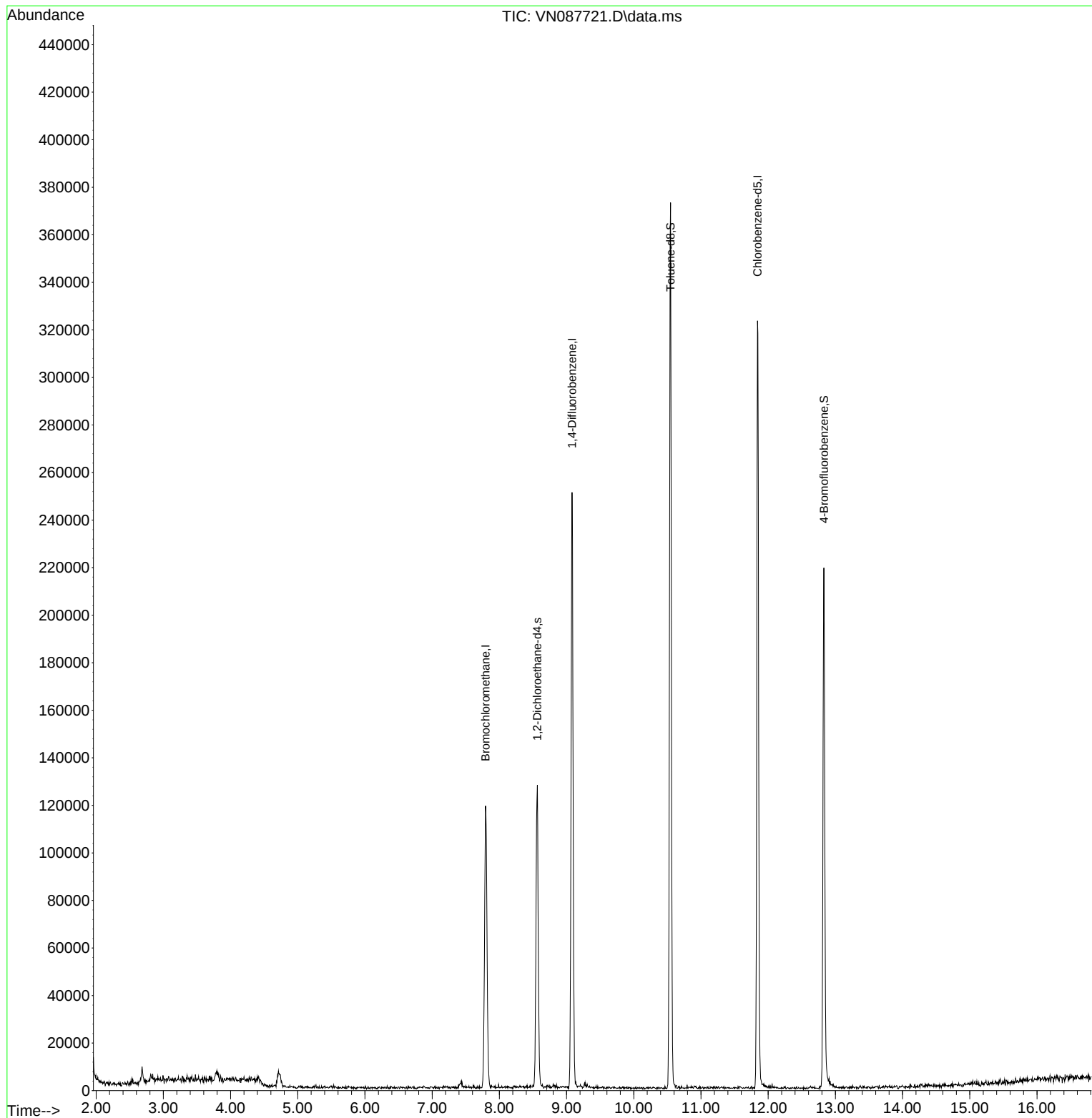
Target Compounds	Qvalue

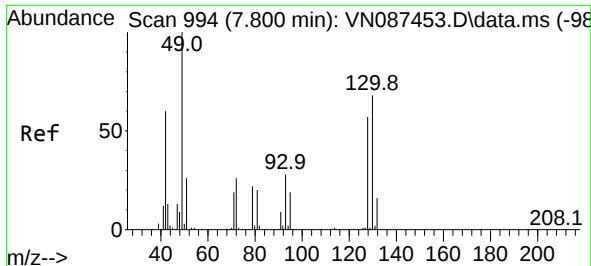
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087721.D
Acq On : 04 Sep 2025 14:37
Operator : JC\MD
Sample : Q3017-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TT-079-IDWGW-20250903

Quant Time: Sep 05 02:21:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

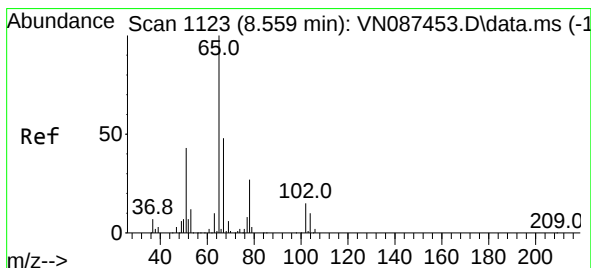
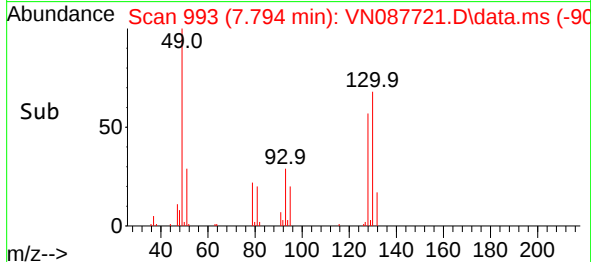
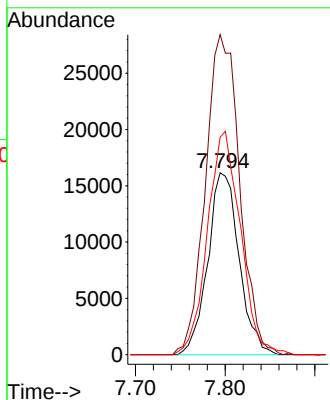
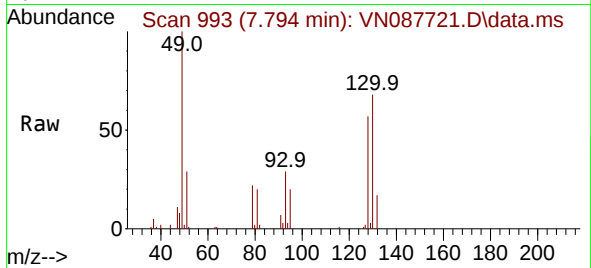




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN087721.D
Acq: 04 Sep 2025 14:37

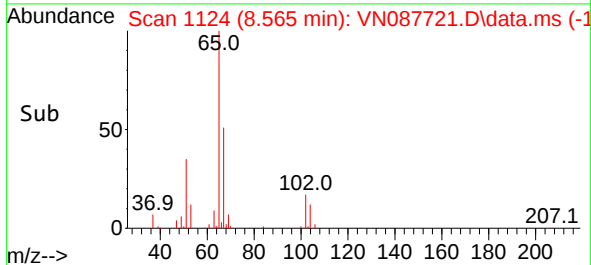
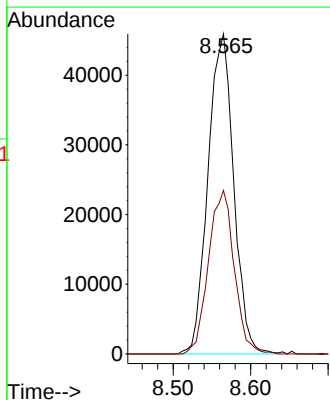
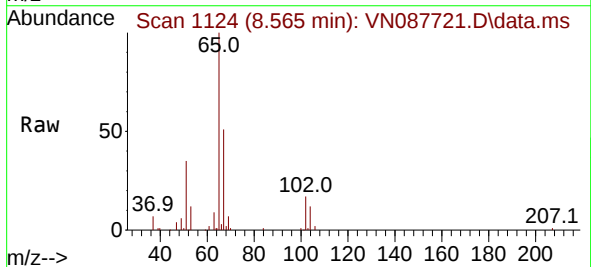
Instrument :
MSVOA_N
ClientSampleId :
TT-079-IDWGW-20250903

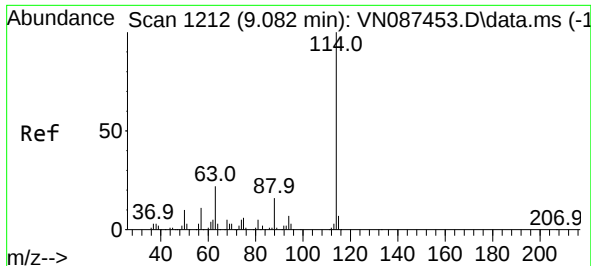
Tgt Ion:128 Resp: 39130
Ion Ratio Lower Upper
128 100
49 192.1 0.0 494.8
130 129.7 0.0 321.5



#27
1,2-Dichloroethane-d4
Concen: 29.378 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087721.D
Acq: 04 Sep 2025 14:37

Tgt Ion: 65 Resp: 106030
Ion Ratio Lower Upper
65 100
67 51.0 40.8 61.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087721.D

Acq: 04 Sep 2025 14:37

Instrument :

MSVOA_N

ClientSampleId :

TT-079-IDWGW-20250903

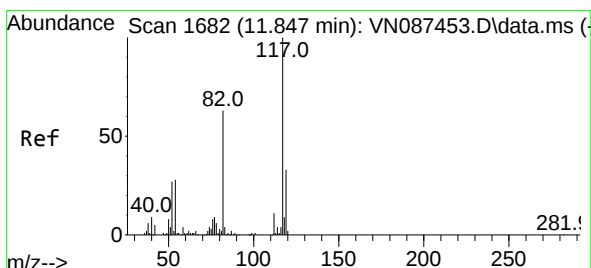
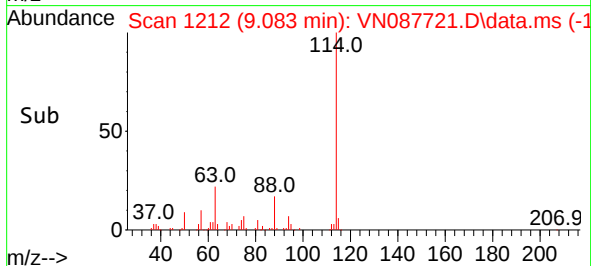
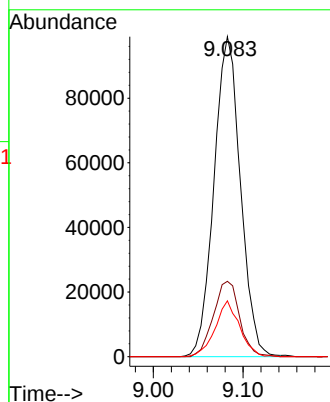
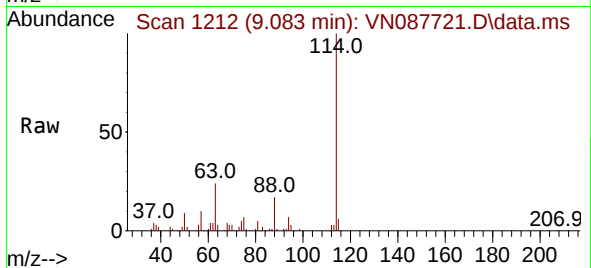
Tgt Ion:114 Resp: 202717

Ion Ratio Lower Upper

114 100

63 23.3 18.9 28.3

88 16.1 13.1 19.7



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.841 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VN087721.D

Acq: 04 Sep 2025 14:37

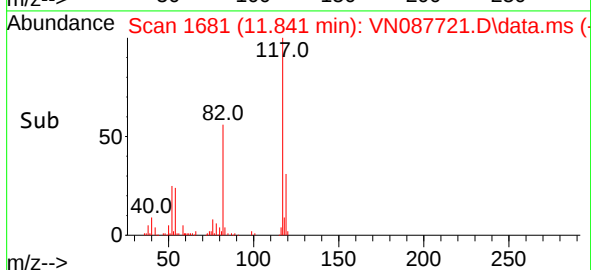
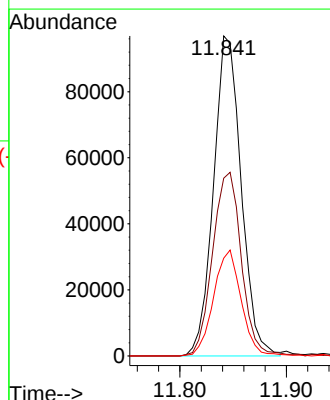
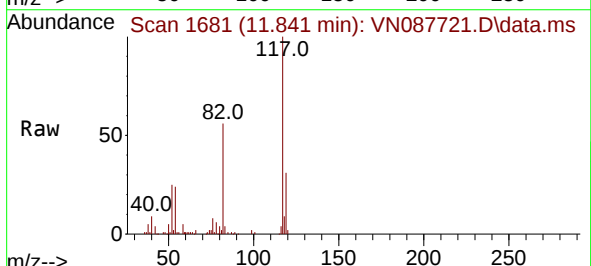
Tgt Ion:117 Resp: 174966

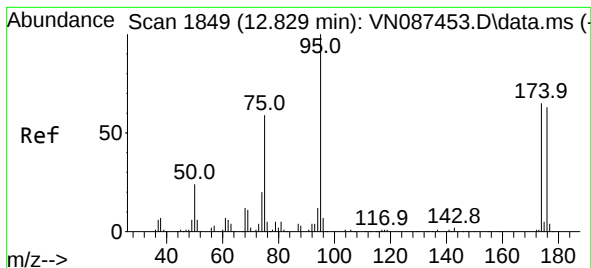
Ion Ratio Lower Upper

117 100

82 59.6 49.2 73.8

119 32.9 25.7 38.5

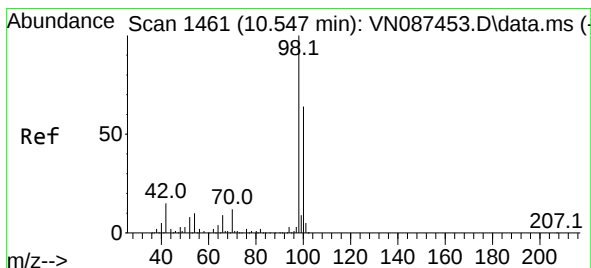
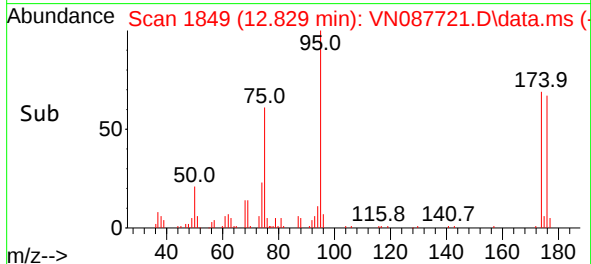
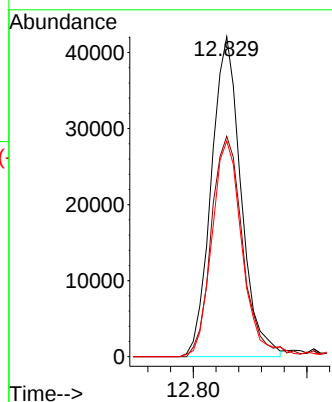
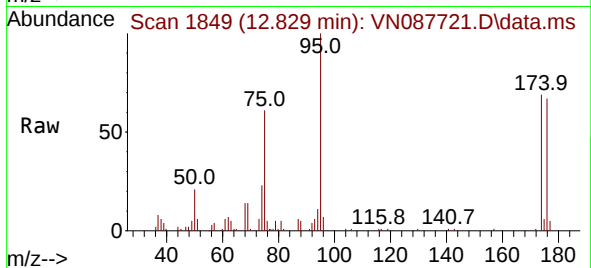




#60
4-Bromofluorobenzene
Concen: 25.362 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087721.D
Acq: 04 Sep 2025 14:37

Instrument :
MSVOA_N
ClientSampleId :
TT-079-IDWGW-20250903

Tgt Ion: 95 Resp: 76366
Ion Ratio Lower Upper
95 100
174 71.5 52.3 78.5
176 69.0 49.8 74.8



#63
Toluene-d8
Concen: 30.697 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087721.D
Acq: 04 Sep 2025 14:37

Tgt Ion: 98 Resp: 247129
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7

