

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
 Data File : VN085393.D
 Acq On : 07 Jan 2025 12:06
 Operator : JC\MD
 Sample : VN0107WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0107WBL01

Quant Time: Jan 08 04:17:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	26828	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	128912	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	114923	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	70918	30.050	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.167%
60) 4-Bromofluorobenzene	12.847	95	43260	23.238	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.467%
63) Toluene-d8	10.565	98	164326	29.283	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.600%

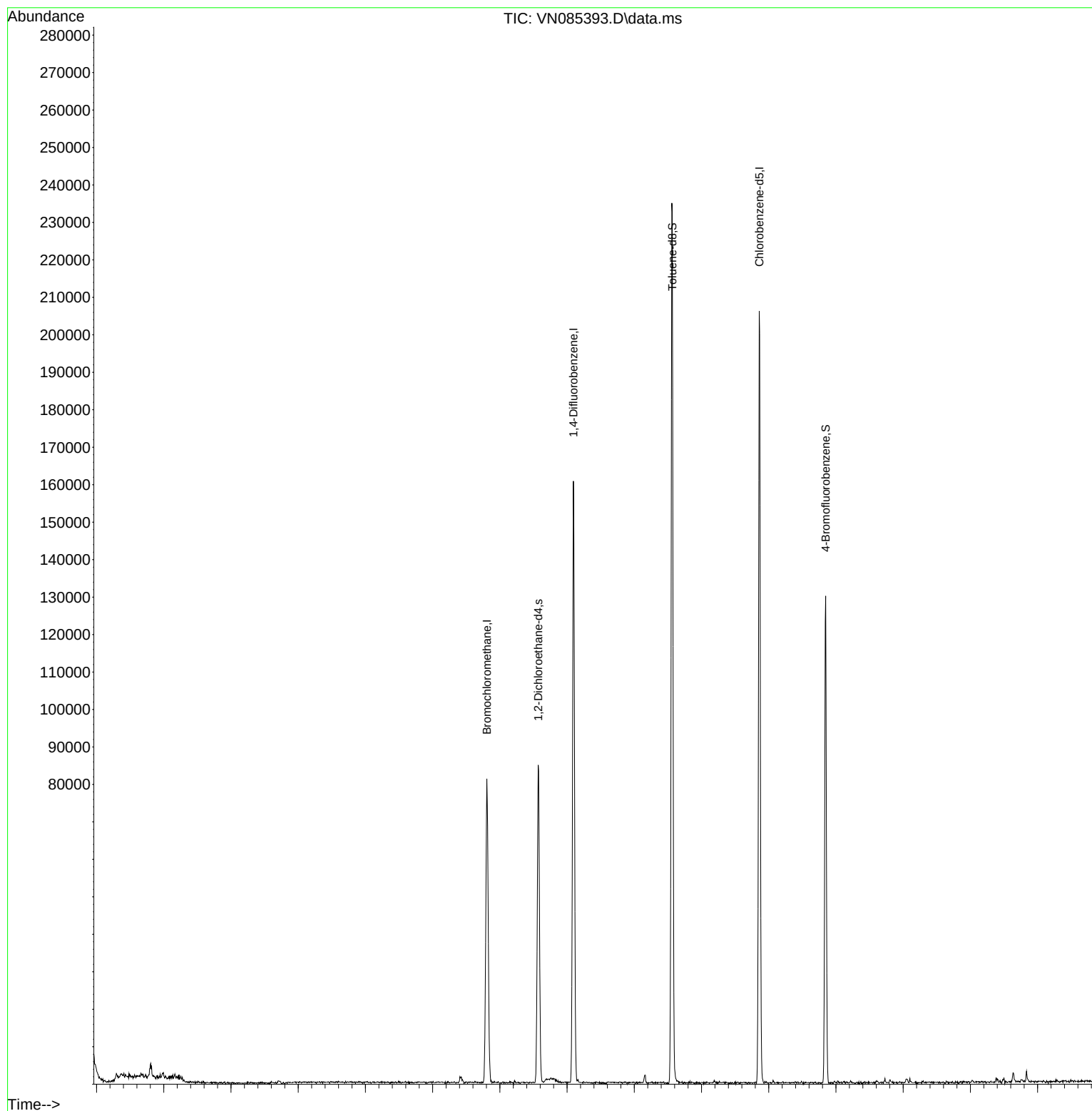
Target Compounds	Qvalue

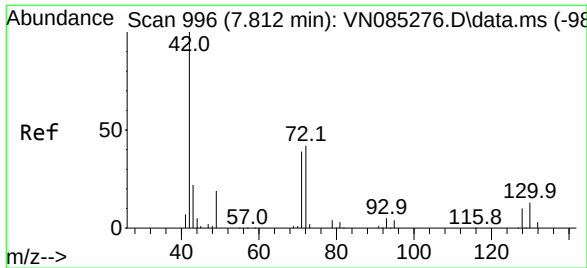
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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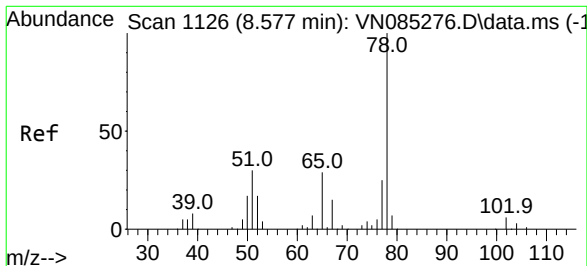
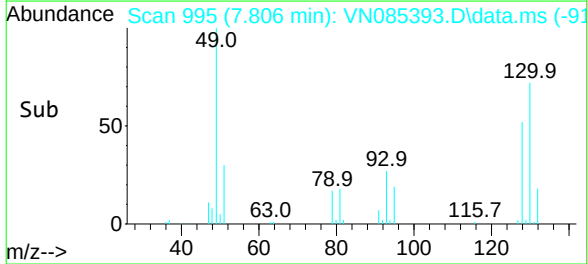
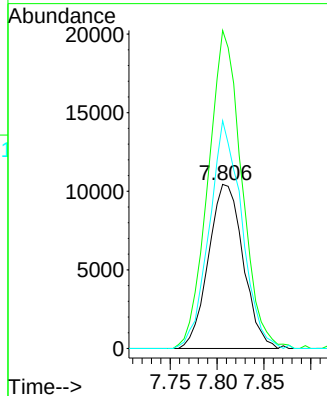
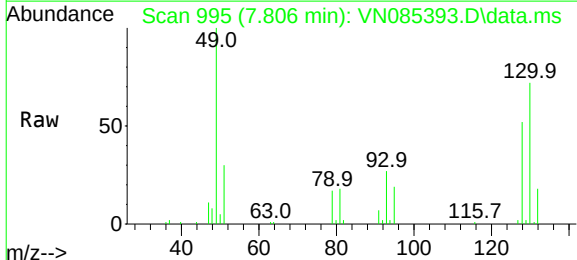




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN085393.D
Acq: 07 Jan 2025 12:06

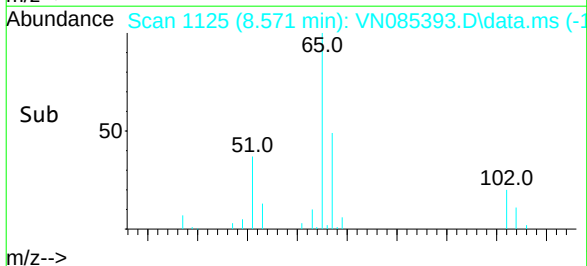
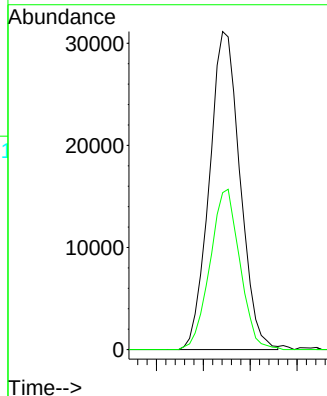
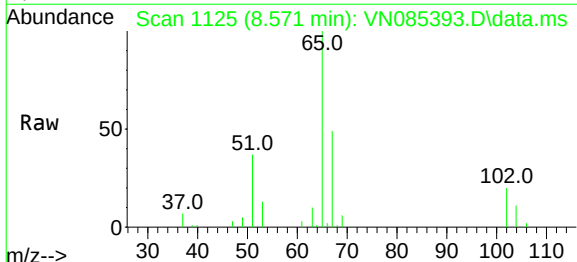
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBL01

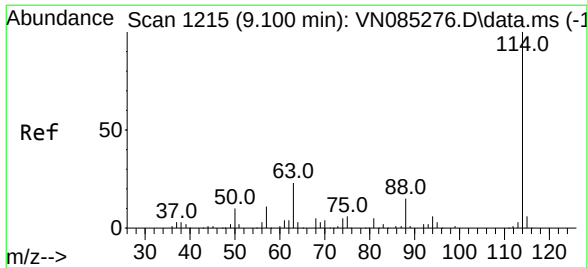
Tgt Ion	Ratio	Lower	Upper
128	100		
49	187.0	0.0	497.8
130	130.3	0.0	328.5



#27
1,2-Dichloroethane-d4
Concen: 30.050 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN085393.D
Acq: 07 Jan 2025 12:06

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.0	42.0	63.0

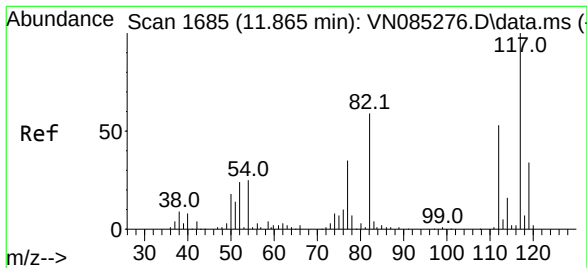
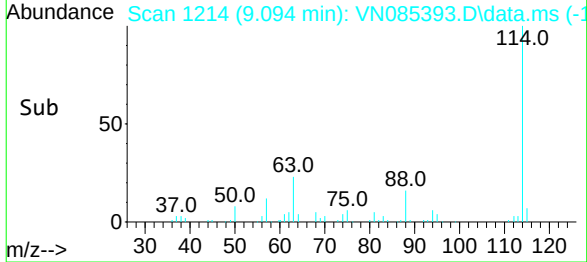
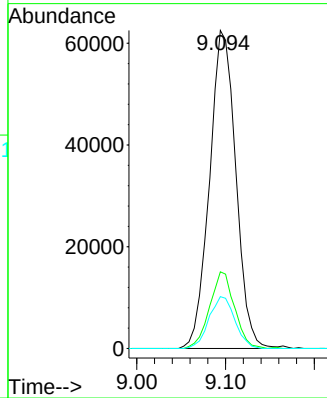
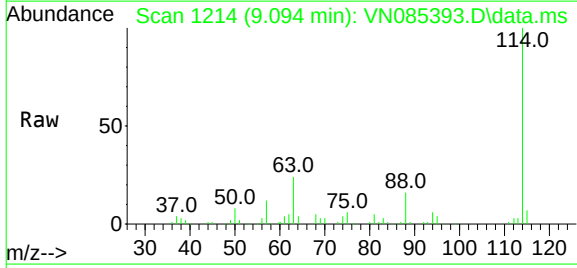




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN085393.D
Acq: 07 Jan 2025 12:06

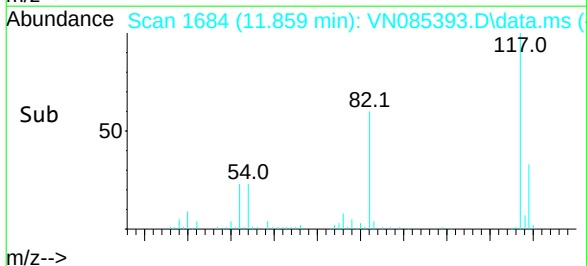
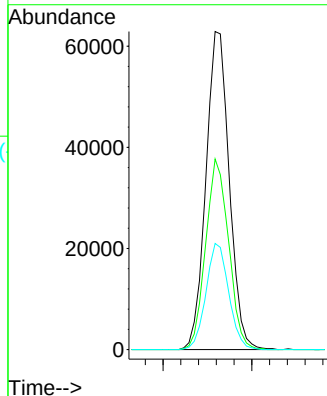
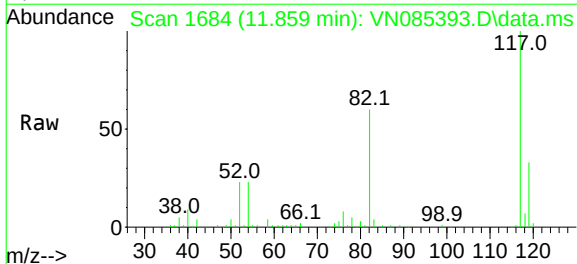
Instrument :
MSVOA_N
ClientSampleId :
VN0107WBL01

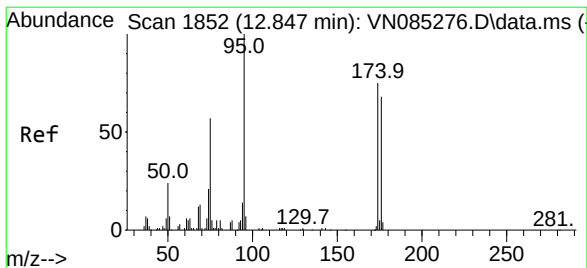
Tgt Ion:	114	Resp:	128912
Ion	Ratio	Lower	Upper
114	100		
63	22.7	18.0	27.0
88	16.0	12.9	19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN085393.D
Acq: 07 Jan 2025 12:06

Tgt Ion:	117	Resp:	114923
Ion	Ratio	Lower	Upper
117	100		
82	58.9	47.4	71.0
119	32.5	25.3	37.9





#60

4-Bromofluorobenzene

Concen: 23.238 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085393.D

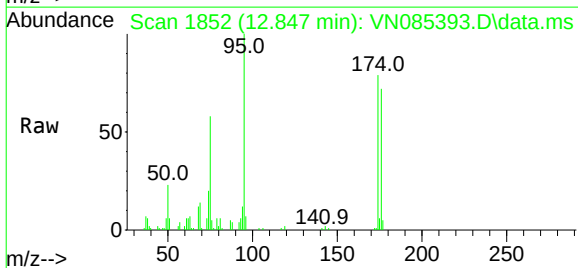
Acq: 07 Jan 2025 12:06

Instrument :

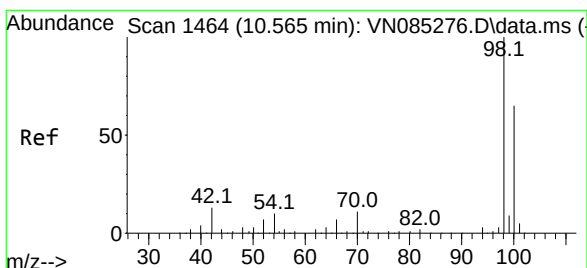
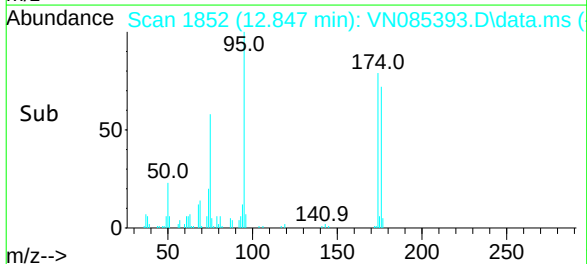
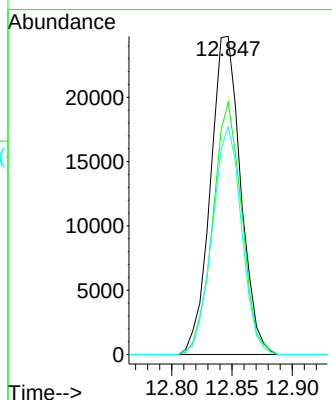
MSVOA_N

ClientSampleId :

VN0107WBL01



Tgt Ion:	95	Resp:	43260
Ion Ratio	Lower	Upper	
95	100		
174	75.8	57.8	86.8
176	69.8	57.1	85.7



#63

Toluene-d8

Concen: 29.283 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085393.D

Acq: 07 Jan 2025 12:06

Tgt Ion:	98	Resp:	164326
Ion Ratio	Lower	Upper	
98	100		
100	62.3	50.8	76.2

