

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010225\
 Data File : VN085375.D
 Acq On : 02 Jan 2025 12:10
 Operator : JC\MD
 Sample : VN0102WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBL01

Quant Time: Jan 03 00:43:53 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	7.812	128	28991	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	140575	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	123860	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	74120	29.063	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.867%
60) 4-Bromofluorobenzene	12.847	95	47025	23.438	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.133%
63) Toluene-d8	10.565	98	171982	28.436	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.800%

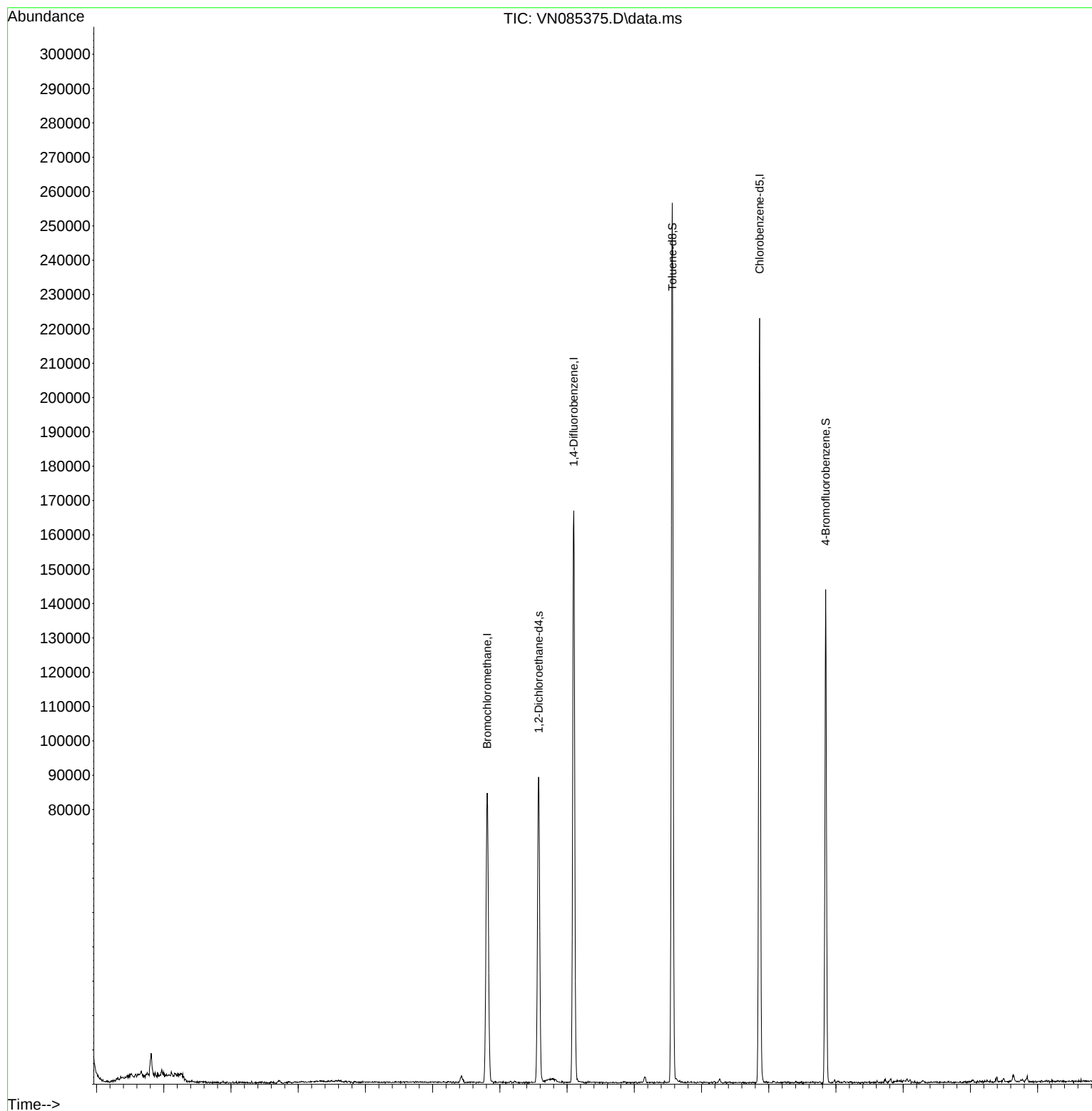
Target Compounds	Qvalue

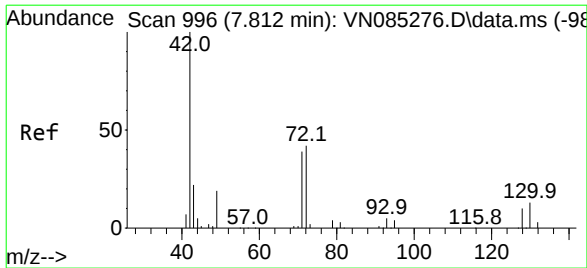
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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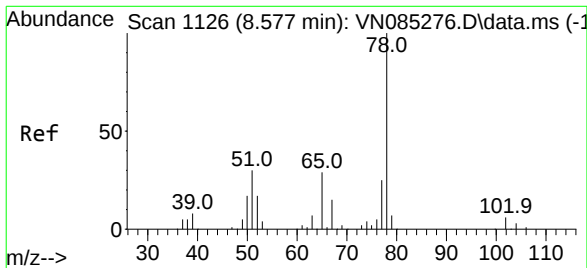
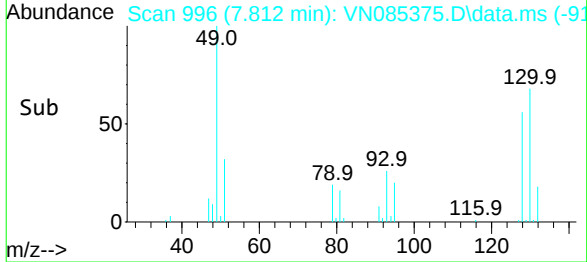
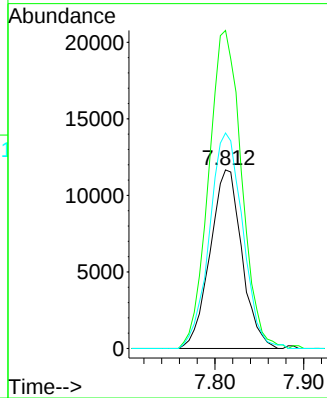
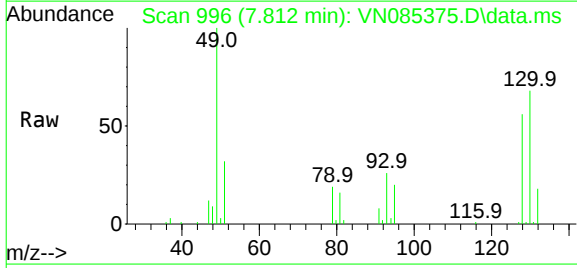




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085375.D
Acq: 02 Jan 2025 12:10

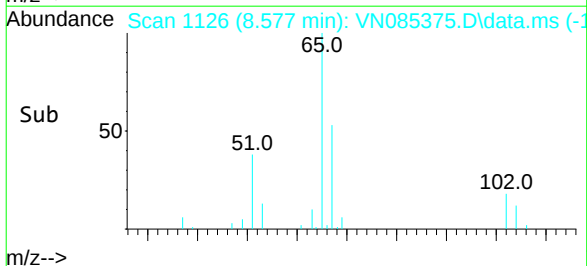
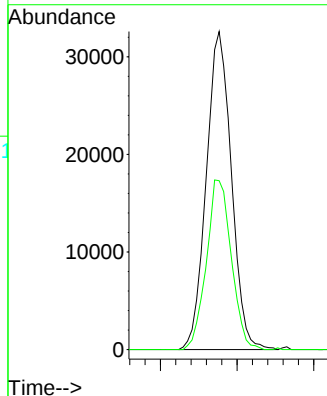
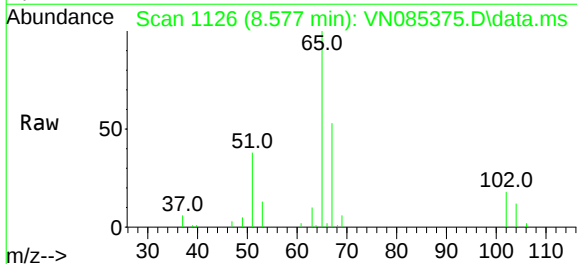
Instrument :
MSVOA_N
ClientSampleId :
VN0102WBL01

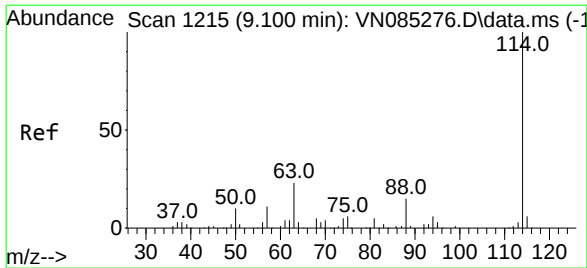
Tgt Ion	Ratio	Lower	Upper
128	100		
49	184.1	0.0	497.8
130	126.4	0.0	328.5



#27
1,2-Dichloroethane-d4
Concen: 29.063 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085375.D
Acq: 02 Jan 2025 12:10

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.9	42.0	63.0

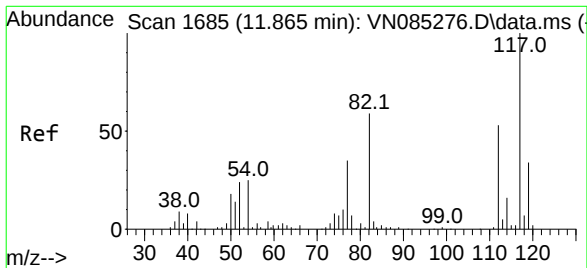
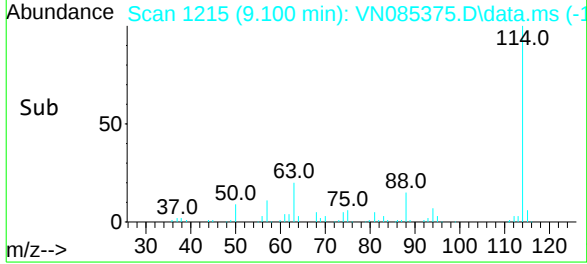
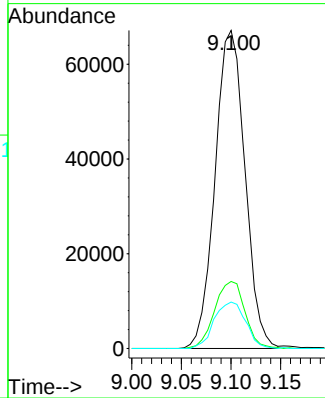
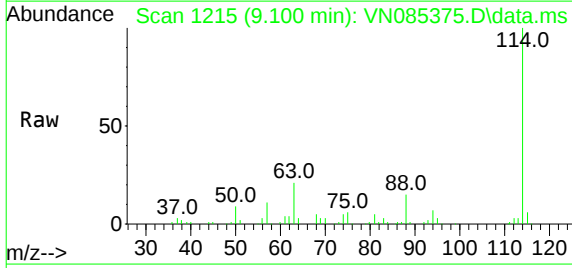




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085375.D
Acq: 02 Jan 2025 12:10

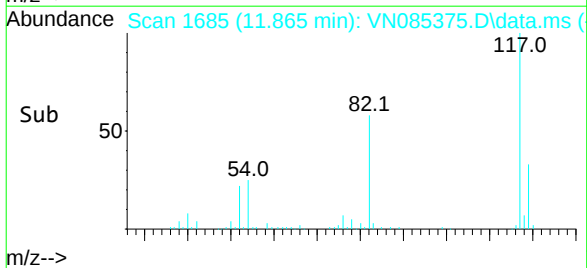
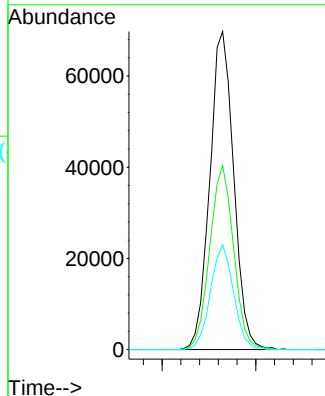
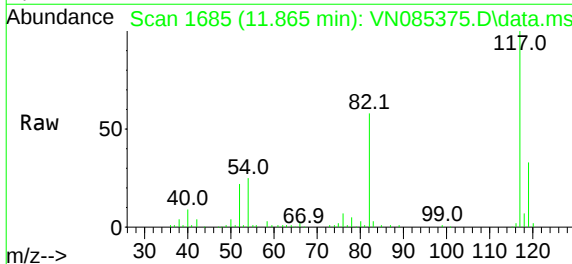
Instrument :
MSVOA_N
ClientSampleId :
VN0102WBL01

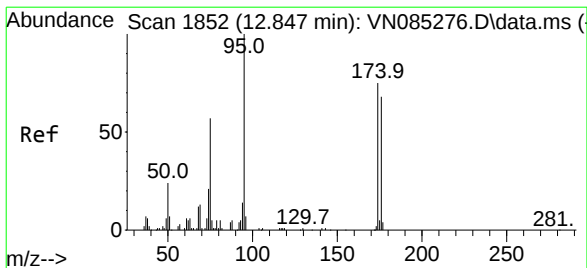
Tgt Ion:	114	Resp:	140575
Ion	Ratio	Lower	Upper
114	100		
63	21.4	18.0	27.0
88	15.4	12.9	19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085375.D
Acq: 02 Jan 2025 12:10

Tgt Ion:	117	Resp:	123860
Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.4	71.0
119	31.8	25.3	37.9





#60

4-Bromofluorobenzene

Concen: 23.438 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085375.D

Acq: 02 Jan 2025 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBL01

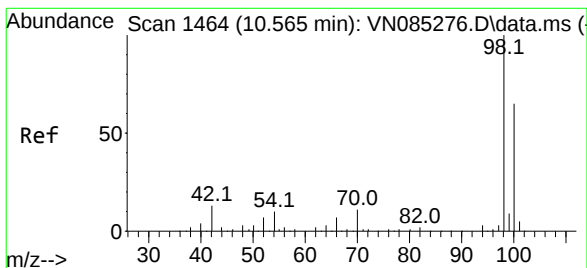
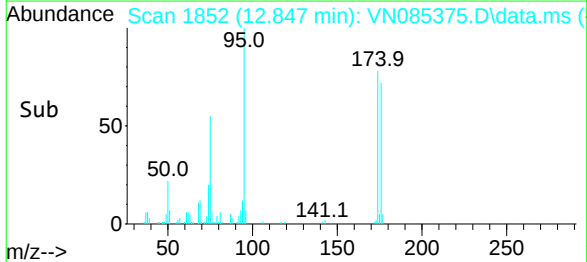
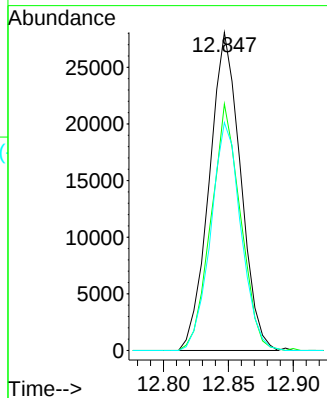
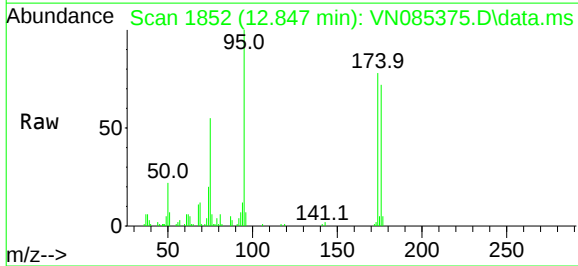
Tgt Ion: 95 Resp: 47025

Ion Ratio Lower Upper

95 100

174 73.0 57.8 86.8

176 69.3 57.1 85.7



#63

Toluene-d8

Concen: 28.436 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085375.D

Acq: 02 Jan 2025 12:10

Tgt Ion: 98 Resp: 171982

Ion Ratio Lower Upper

98 100

100 64.2 50.8 76.2

