

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
 Data File : VN085281.D
 Acq On : 20 Dec 2024 14:06
 Operator : JC\MD
 Sample : VN1220WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBL01

Quant Time: Dec 21 02:24:24 2024
 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	28536	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	139194	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	126992	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76597	30.513	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.700%
60) 4-Bromofluorobenzene	12.847	95	48901	23.772	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.233%
63) Toluene-d8	10.565	98	176819	28.515	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.033%

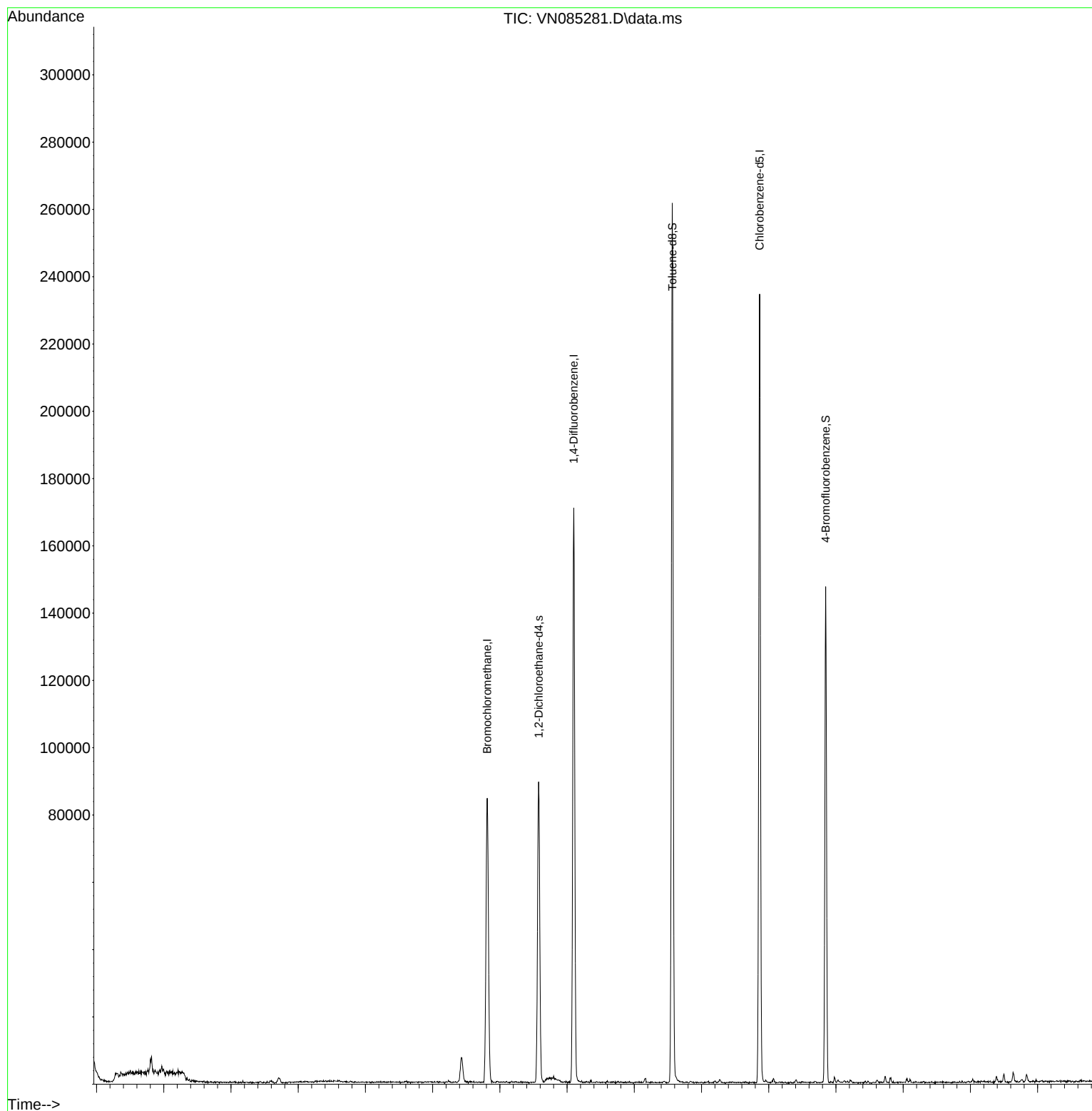
Target Compounds	Qvalue

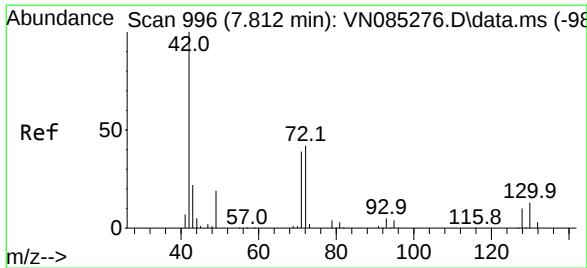
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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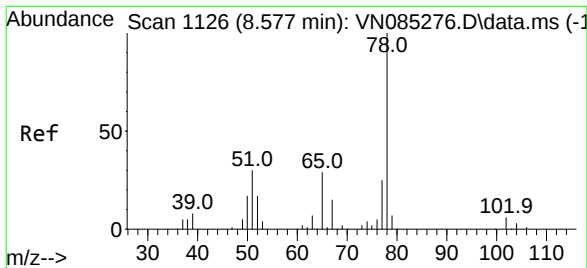
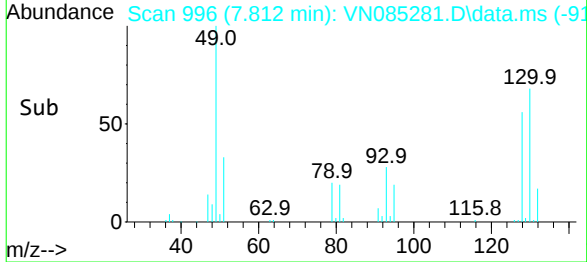
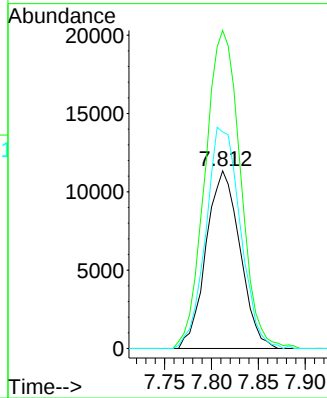
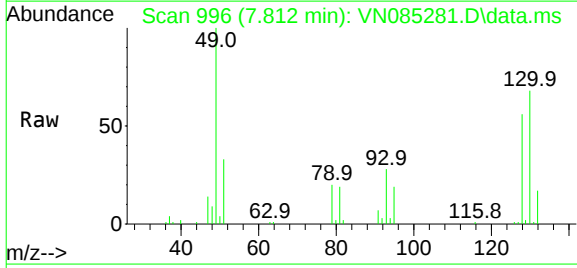




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085281.D
Acq: 20 Dec 2024 14:06

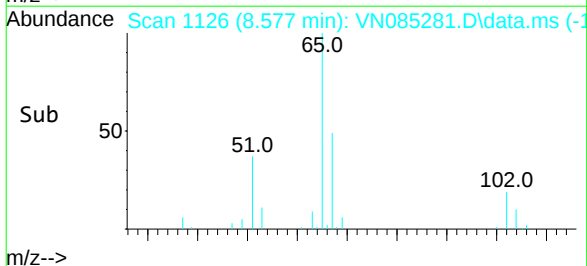
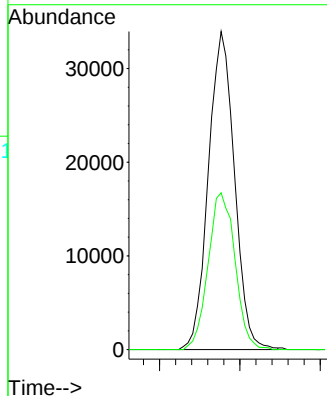
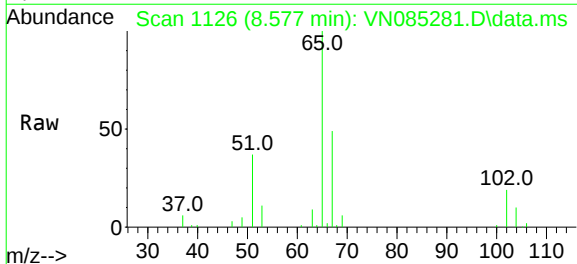
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBL01

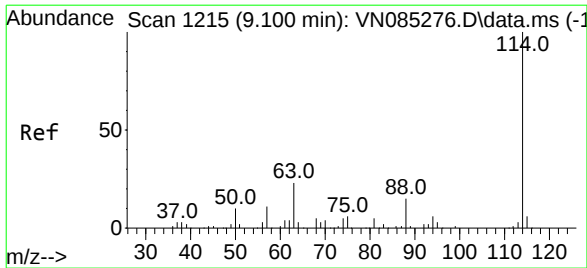
Tgt Ion	Ratio	Lower	Upper
128	100		
49	185.8	0.0	497.8
130	126.7	0.0	328.5



#27
1,2-Dichloroethane-d4
Concen: 30.513 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085281.D
Acq: 20 Dec 2024 14:06

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.7	42.0	63.0

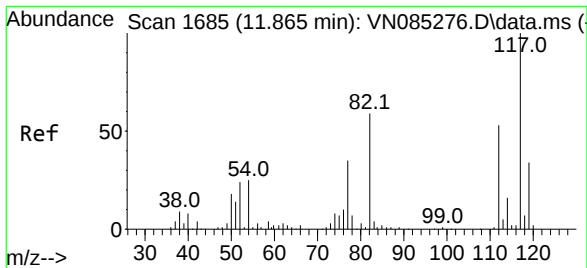
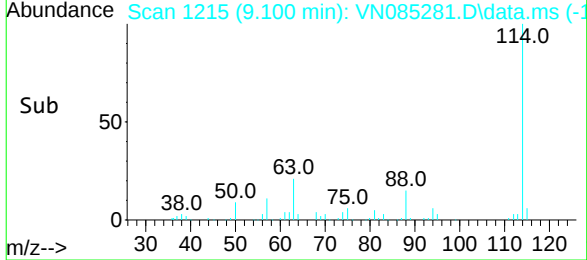
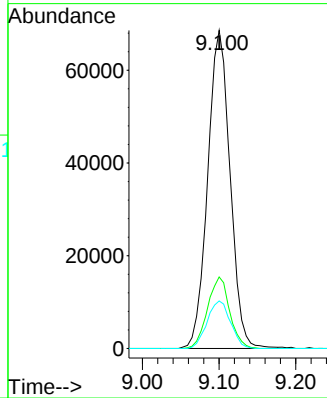
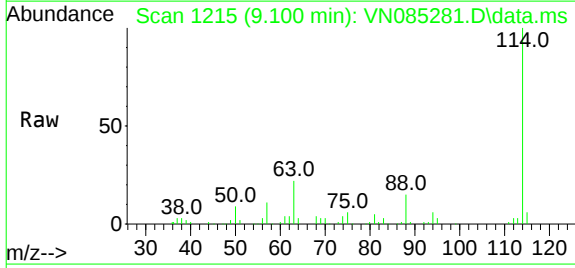




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085281.D
Acq: 20 Dec 2024 14:06

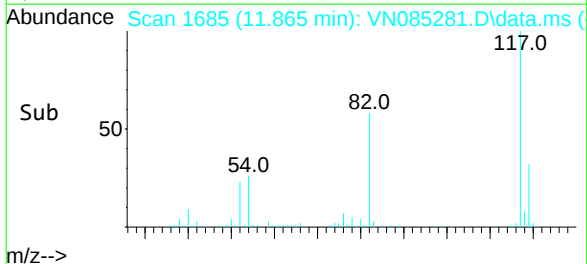
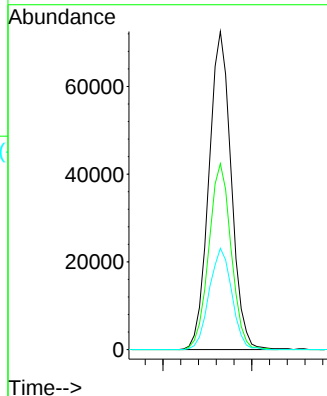
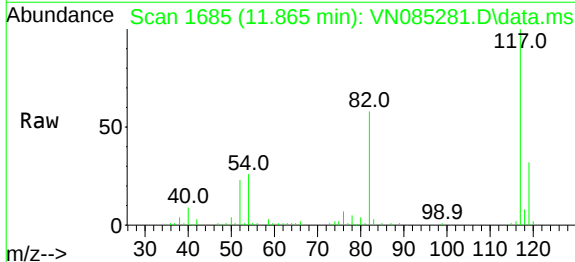
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBL01

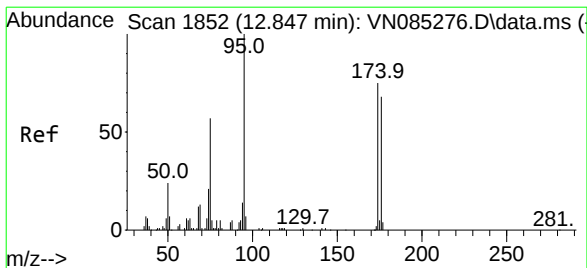
Tgt Ion:	114	Resp:	139194
Ion Ratio	Lower	Upper	
114	100		
63	22.2	18.0	27.0
88	15.6	12.9	19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085281.D
Acq: 20 Dec 2024 14:06

Tgt Ion:	117	Resp:	126992
Ion Ratio	Lower	Upper	
117	100		
82	58.2	47.4	71.0
119	32.2	25.3	37.9





#60

4-Bromofluorobenzene

Concen: 23.772 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085281.D

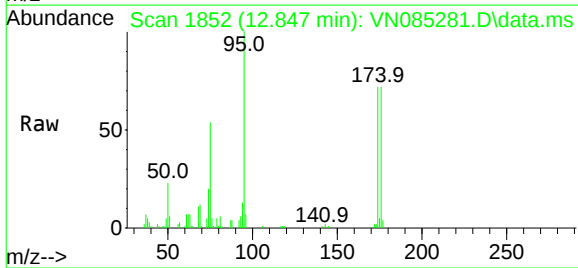
Acq: 20 Dec 2024 14:06

Instrument :

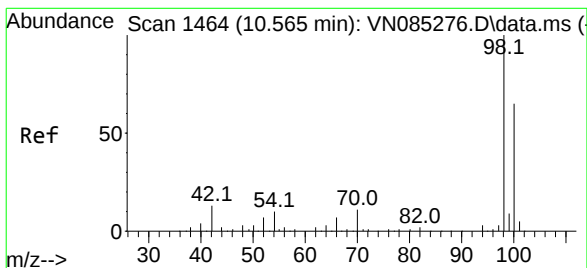
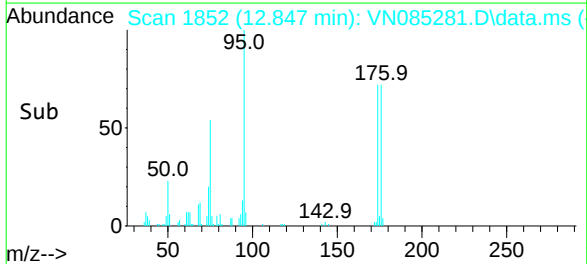
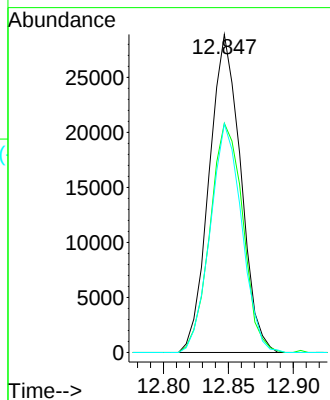
MSVOA_N

ClientSampleId :

VN1220WBL01



Tgt Ion:	95	Resp:	48901
Ion	Ratio	Lower	Upper
95	100		
174	74.8	57.8	86.8
176	71.8	57.1	85.7



#63

Toluene-d8

Concen: 28.515 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085281.D

Acq: 20 Dec 2024 14:06

Tgt Ion:	98	Resp:	176819
Ion	Ratio	Lower	Upper
98	100		
100	62.1	50.8	76.2

