

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
 Data File : VN084879.D
 Acq On : 15 Nov 2024 19:12
 Operator : JC\MD
 Sample : P4867-03 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-071-IDWGW-20241113

Quant Time: Nov 15 22:29:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	25111	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	119460	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	108137	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	59553	29.500	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.333%
60) 4-Bromofluorobenzene	12.847	95	45513	24.444	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.467%
63) Toluene-d8	10.565	98	142332	27.803	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	92.667%

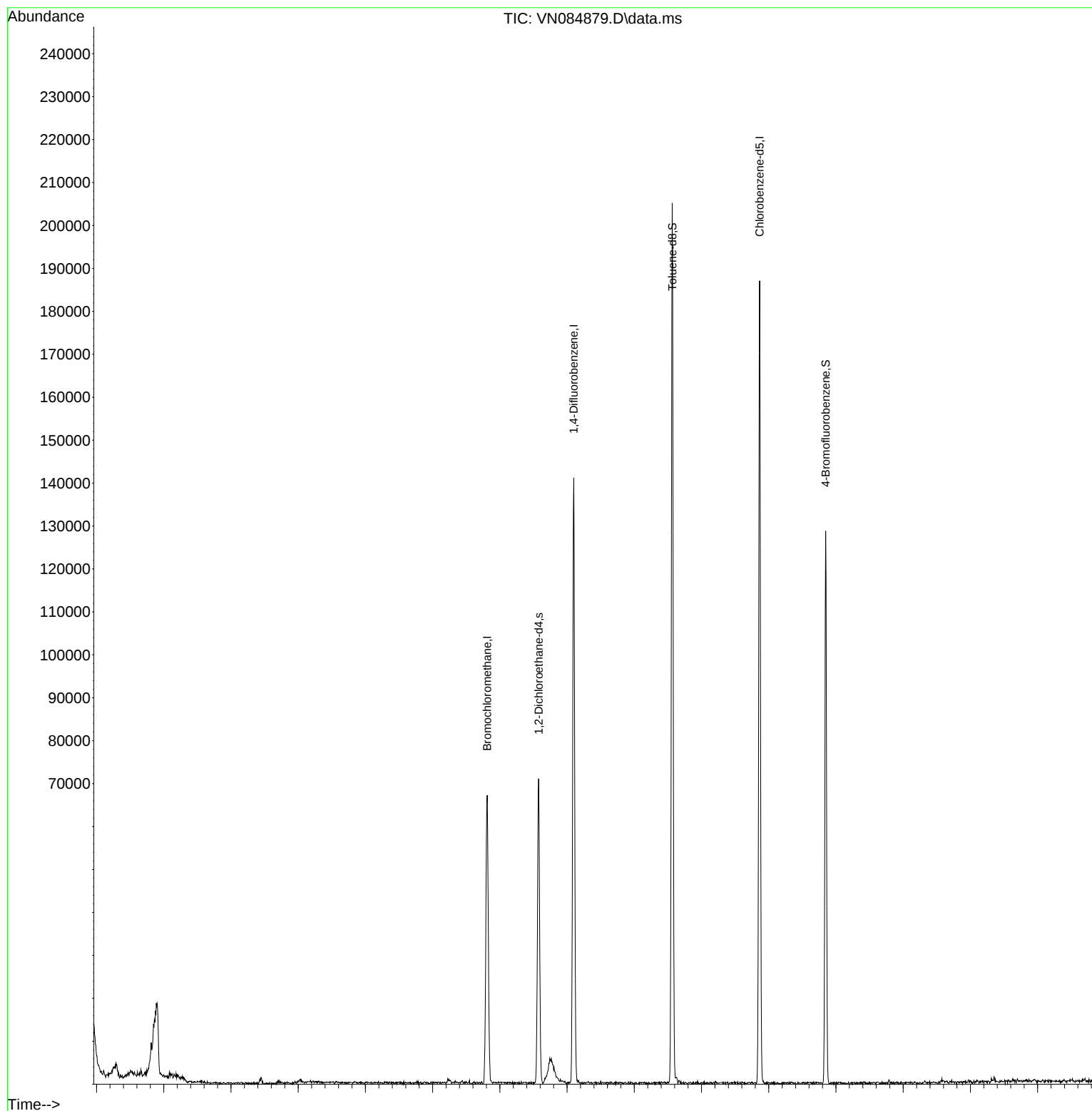
Target Compounds	Qvalue

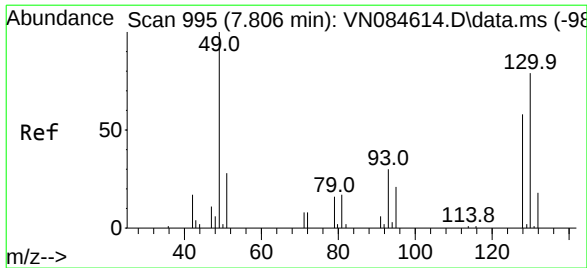
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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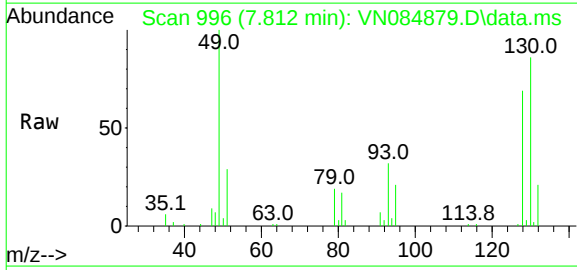
Quant Time: Nov 15 22:29:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
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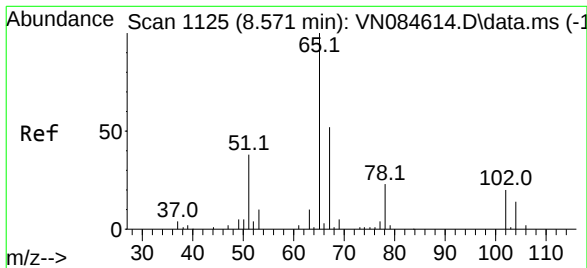
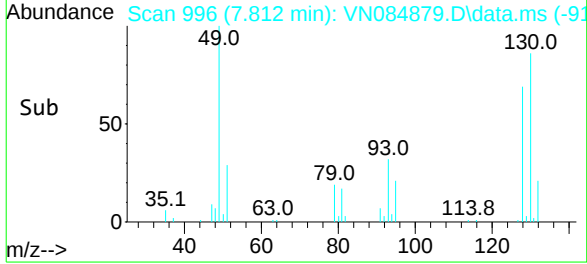
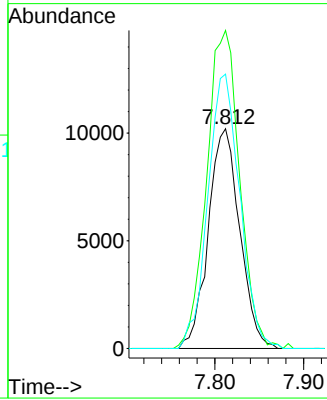


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN084879.D
Acq: 15 Nov 2024 19:12

Instrument :
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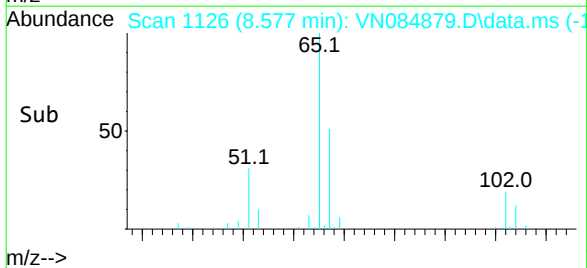
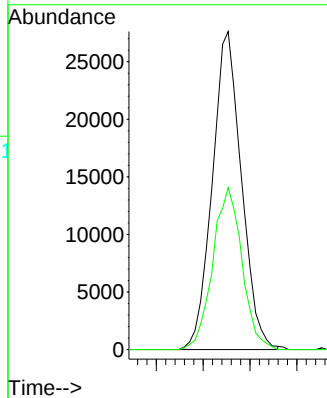
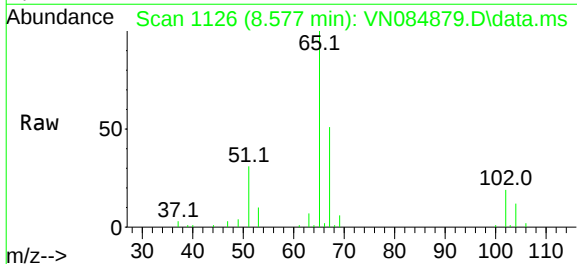


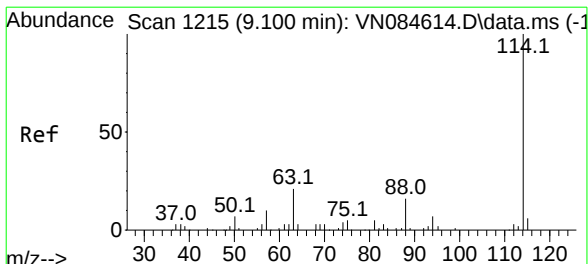
Tgt Ion	Ratio	Lower	Upper
128	100		
49	151.3	0.0	427.0
130	127.2	0.0	322.2



#27
1,2-Dichloroethane-d4
Concen: 29.500 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN084879.D
Acq: 15 Nov 2024 19:12

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.1	40.7	61.1

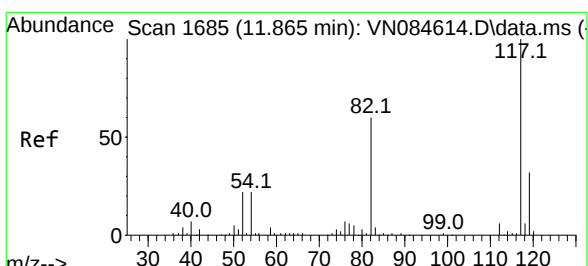
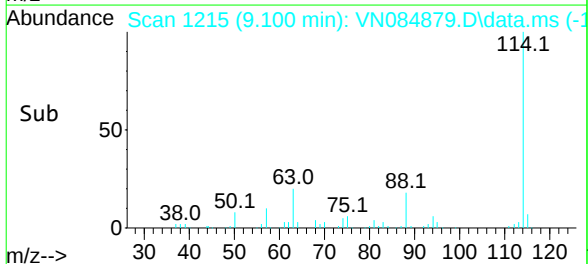
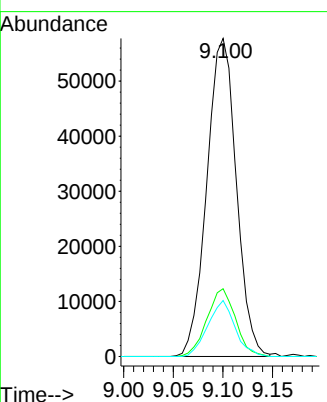
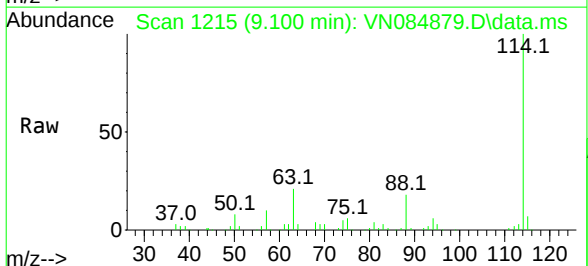




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084879.D
 Acq: 15 Nov 2024 19:12

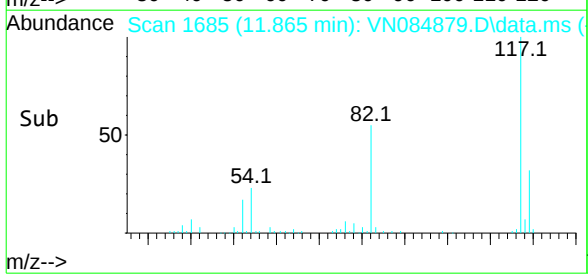
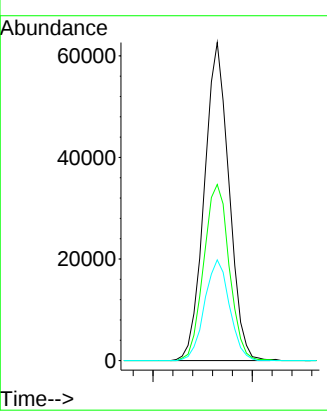
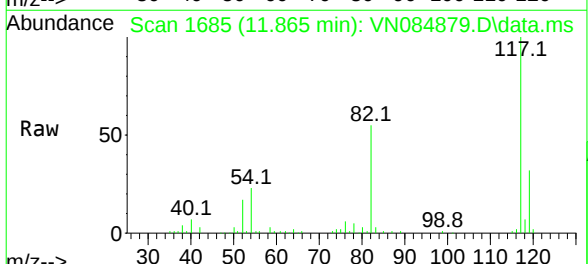
Instrument : MSVOA_N
 ClientSampleId : TT-071-IDWGW-20241113

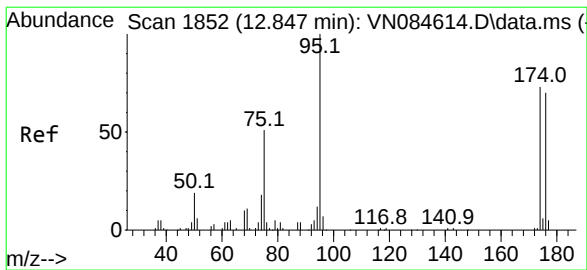
Tgt Ion:	114	Resp:	119460
Ion Ratio	Lower	Upper	
114	100		
63	20.6	16.8	25.2
88	16.2	12.9	19.3



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN084879.D
 Acq: 15 Nov 2024 19:12

Tgt Ion:	117	Resp:	108137
Ion Ratio	Lower	Upper	
117	100		
82	57.2	45.5	68.3
119	32.0	25.3	37.9





#60

4-Bromofluorobenzene

Concen: 24.444 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN084879.D

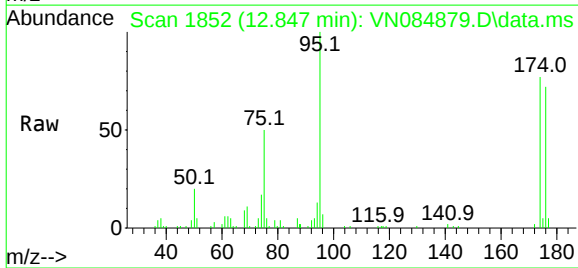
Acq: 15 Nov 2024 19:12

Instrument :

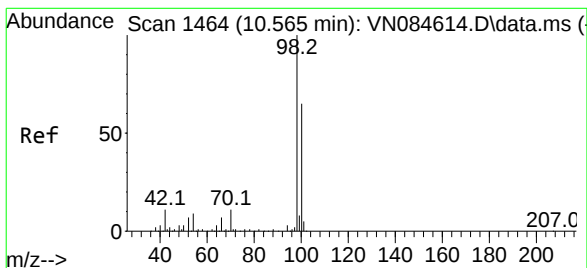
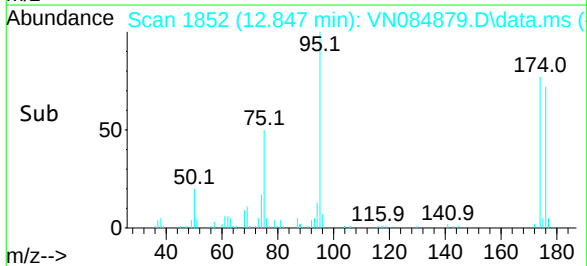
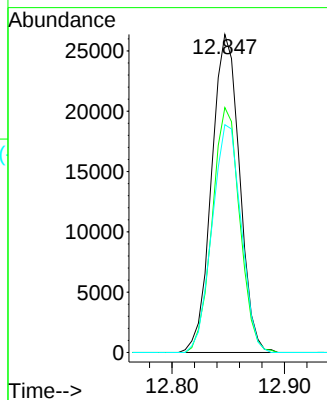
MSVOA_N

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Tgt Ion:	95	Resp:	45513
Ion	Ratio	Lower	Upper
95	100		
174	75.8	59.6	89.4
176	74.3	58.6	88.0



#63

Toluene-d8

Concen: 27.803 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084879.D

Acq: 15 Nov 2024 19:12

Tgt Ion:	98	Resp:	142332
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2

