

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121624\
 Data File : VN085214.D
 Acq On : 16 Dec 2024 13:09
 Operator : JC\MD
 Sample : P5283-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20241213

Quant Time: Dec 17 02:00:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:50:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	24766	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	129916	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	118401	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	63566	32.347	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.833%
60) 4-Bromofluorobenzene	12.847	95	48481	24.747	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.500%
63) Toluene-d8	10.565	98	155109	27.928	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.100%

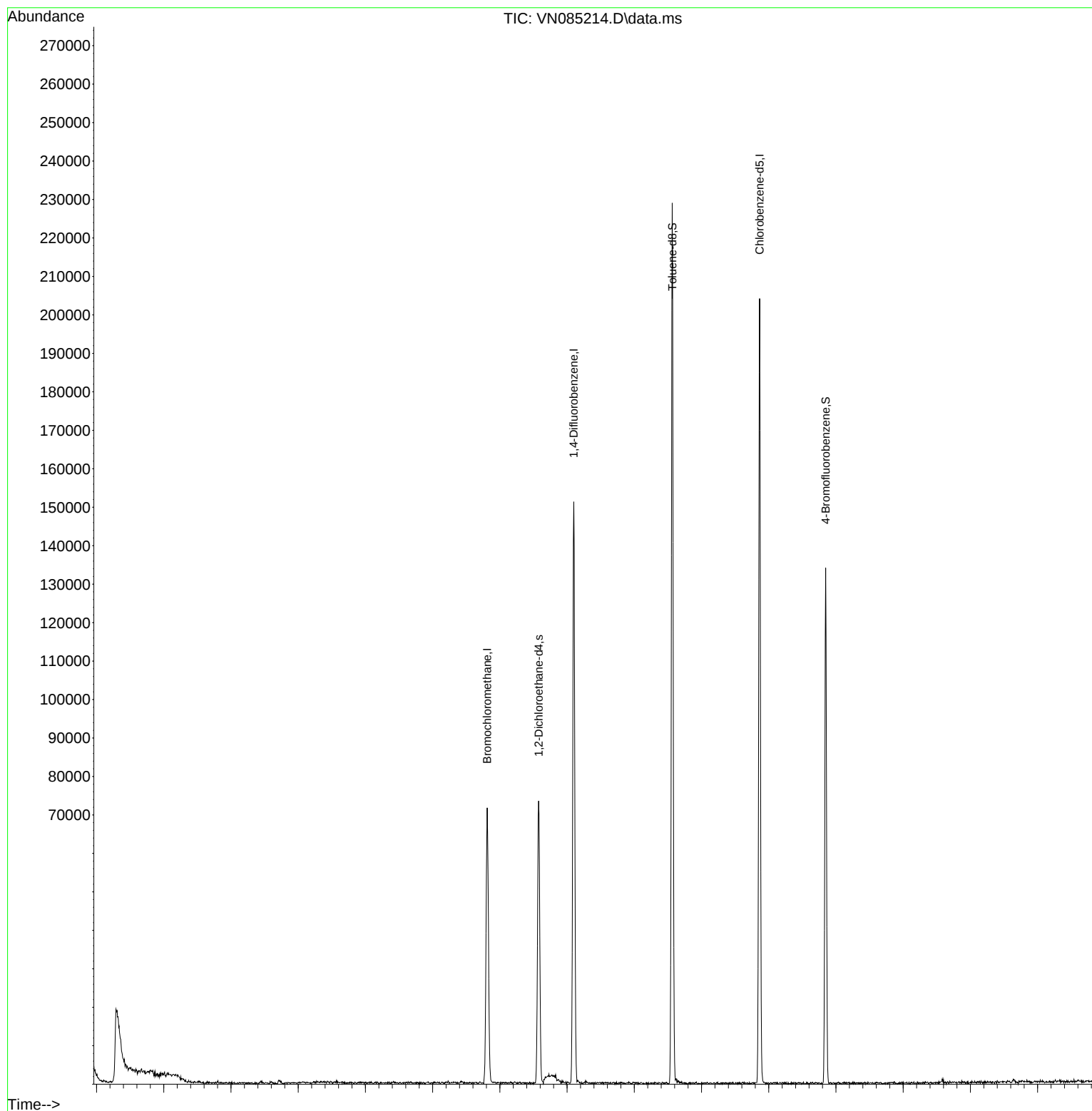
Target Compounds	Qvalue

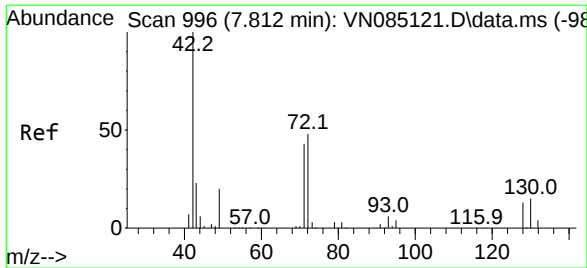
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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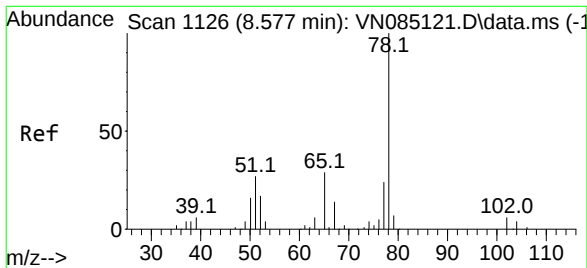
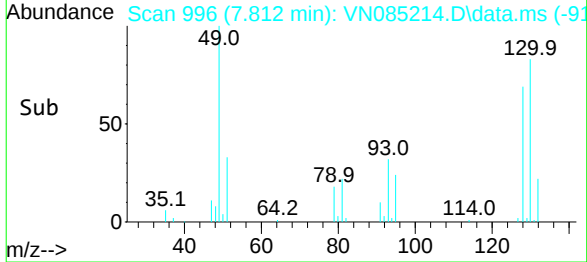
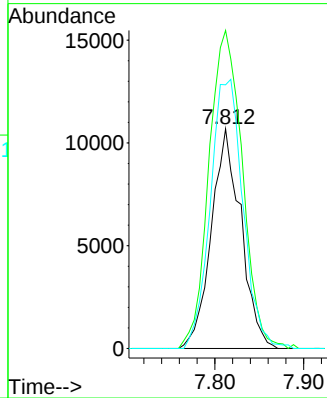
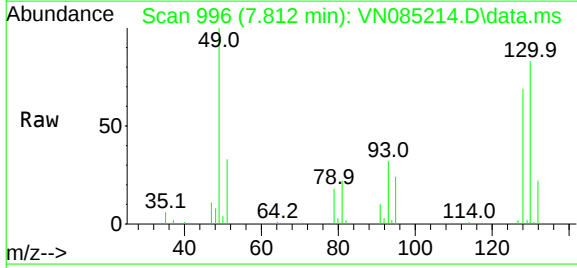




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN085214.D
Acq: 16 Dec 2024 13:09

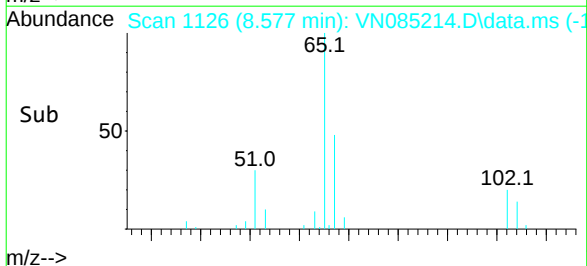
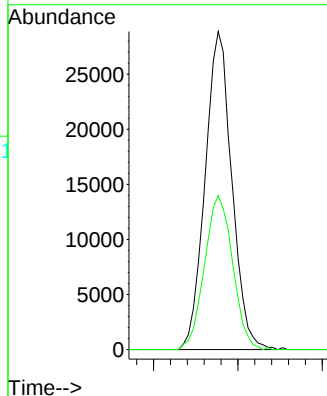
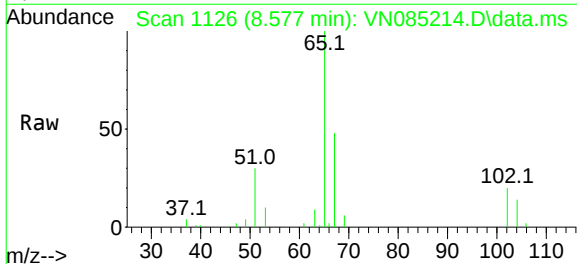
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MSVOA_N
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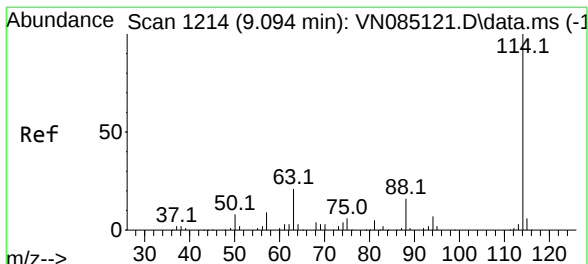
Tgt Ion	Ratio	Lower	Upper
128	100		
49	163.0	0.0	394.5
130	135.2	0.0	316.5



#27
1,2-Dichloroethane-d4
Concen: 32.347 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085214.D
Acq: 16 Dec 2024 13:09

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.8	39.9	59.9

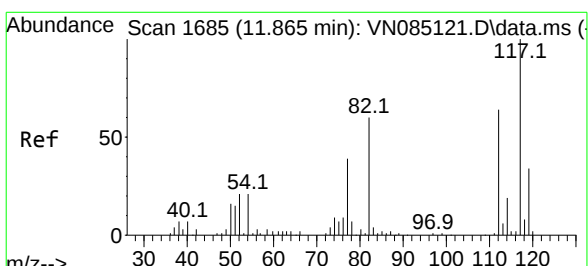
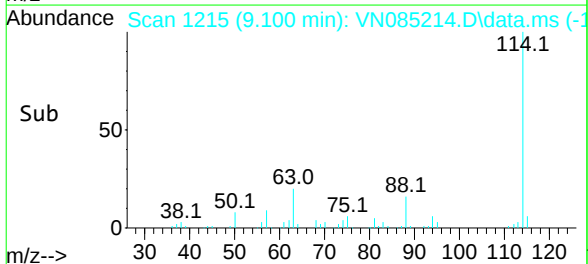
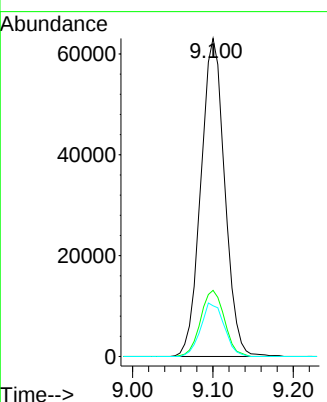
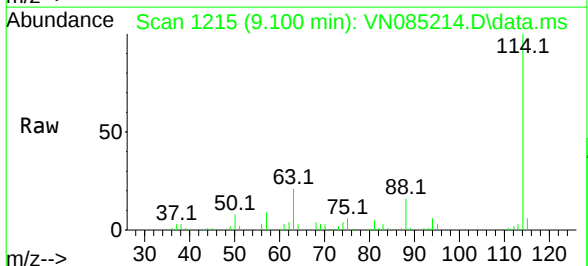




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085214.D
 Acq: 16 Dec 2024 13:09

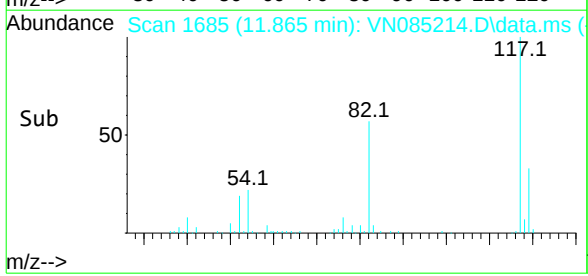
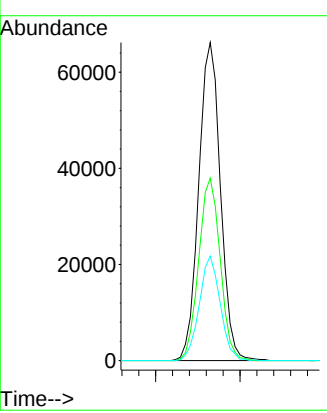
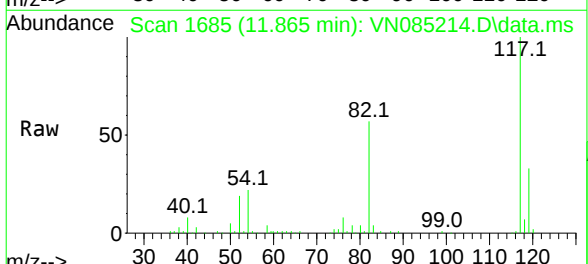
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 MSVOA_N
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 TT-TB-20241213

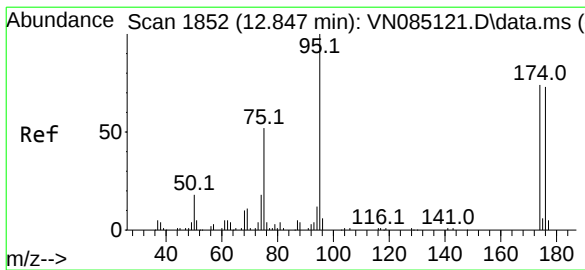
Tgt Ion:	114	Resp:	129916
Ion Ratio	Lower	Upper	
114	100		
63	20.8	16.2	24.2
88	16.6	12.5	18.7



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN085214.D
 Acq: 16 Dec 2024 13:09

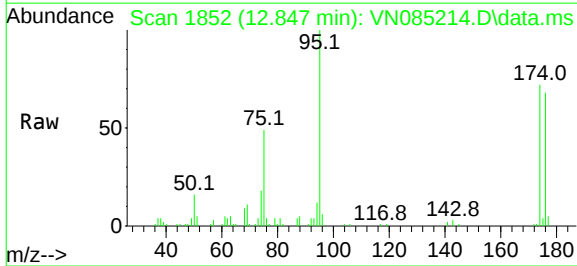
Tgt Ion:	117	Resp:	118401
Ion Ratio	Lower	Upper	
117	100		
82	56.6	44.2	66.4
119	31.6	25.4	38.2



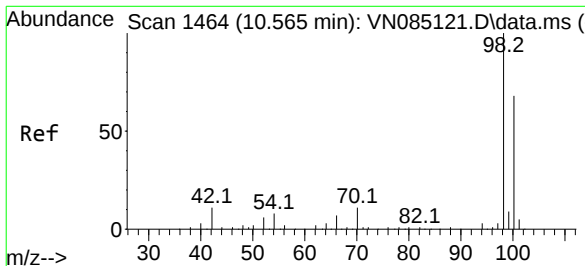
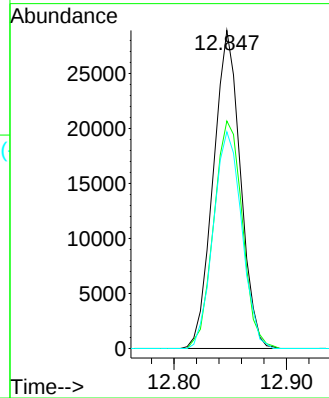
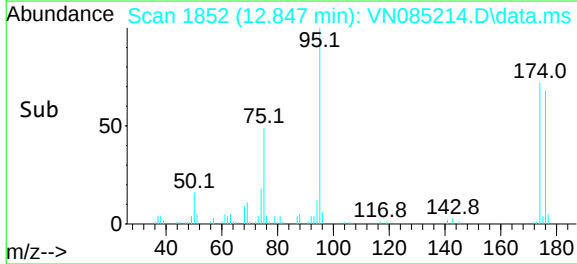


#60
4-Bromofluorobenzene
Concen: 24.747 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085214.D
Acq: 16 Dec 2024 13:09

Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 48481
Ion Ratio Lower Upper
95 100
174 75.2 60.3 90.5
176 71.4 57.4 86.0



#63
Toluene-d8
Concen: 27.928 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085214.D
Acq: 16 Dec 2024 13:09

Tgt Ion: 98 Resp: 155109
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

