

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121624\
 Data File : VN085213.D
 Acq On : 16 Dec 2024 12:45
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 17 02:00:36 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	26106	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	129258	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	116508	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	65361	31.554	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.167%
60) 4-Bromofluorobenzene	12.847	95	47939	24.868	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.900%
63) Toluene-d8	10.565	98	152219	27.853	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	92.833%

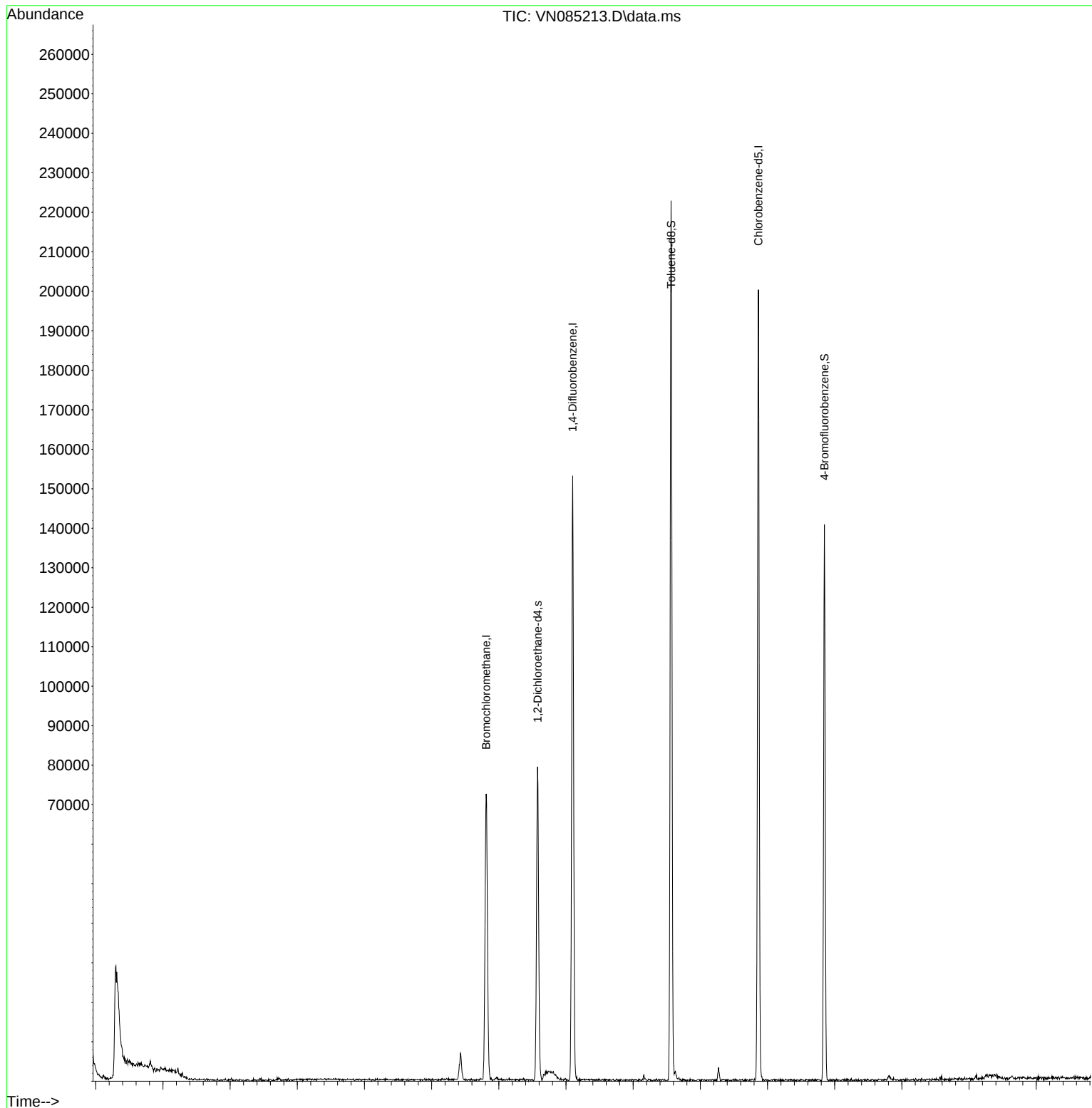
Target Compounds	Qvalue

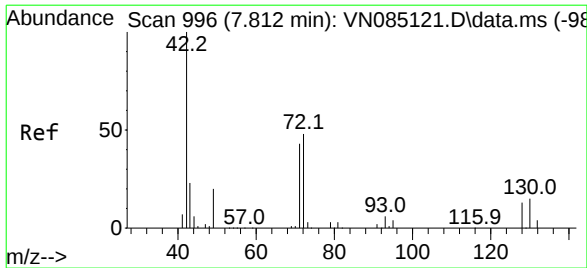
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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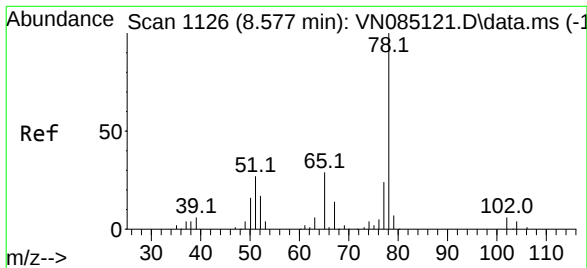
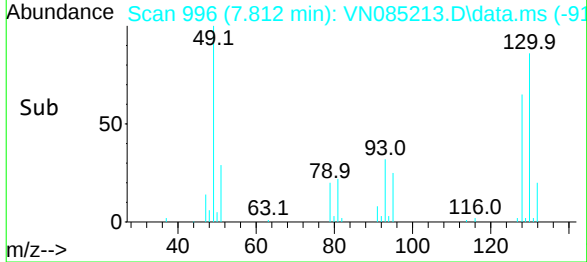
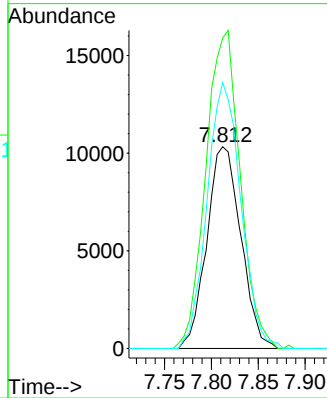
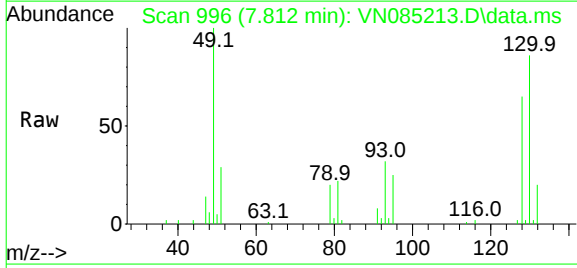




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085213.D
Acq: 16 Dec 2024 12:45

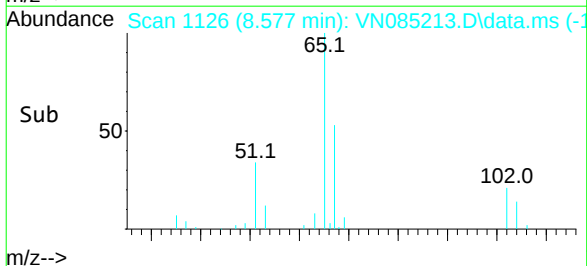
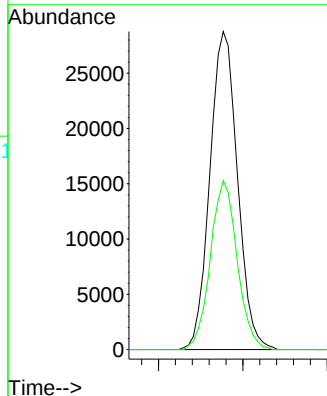
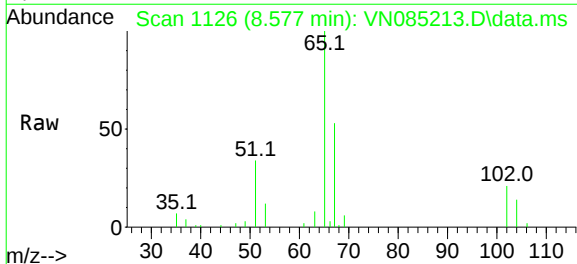
Instrument :
MSVOA_N
ClientSampleId :
IBLK

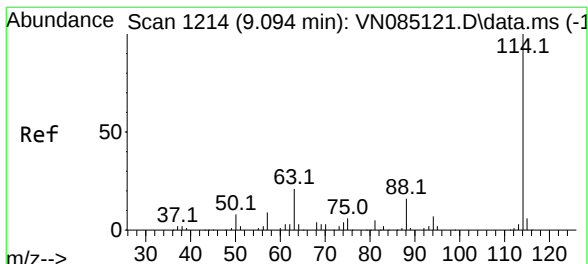
Tgt Ion	Ratio	Lower	Upper
128	100		
49	159.2	0.0	394.5
130	131.3	0.0	316.5



#27
1,2-Dichloroethane-d4
Concen: 31.554 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085213.D
Acq: 16 Dec 2024 12:45

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.6	39.9	59.9

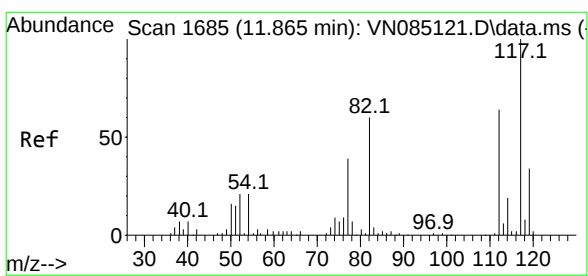
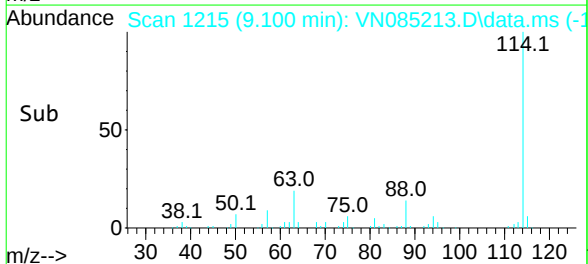
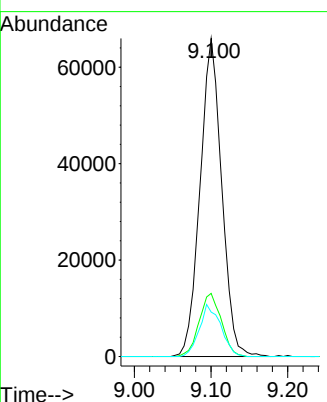
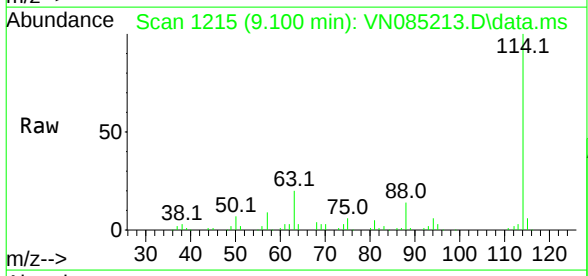




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN085213.D
 Acq: 16 Dec 2024 12:45

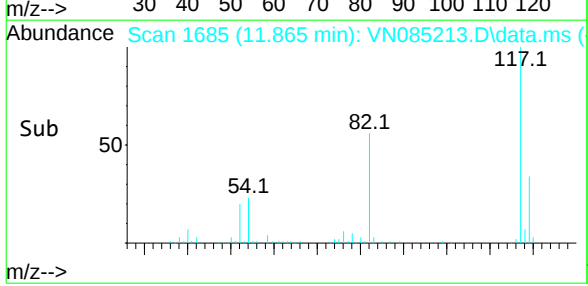
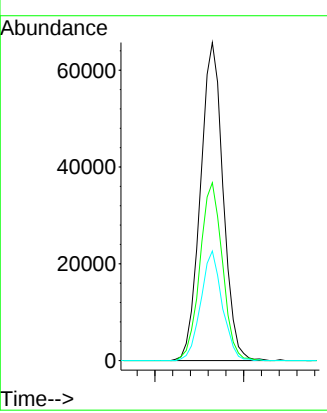
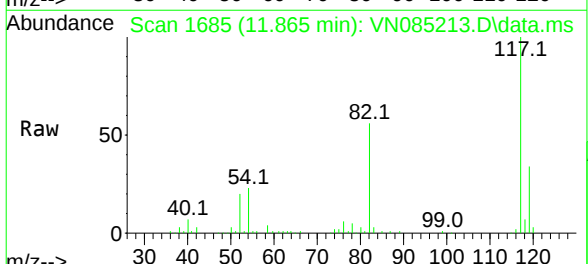
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

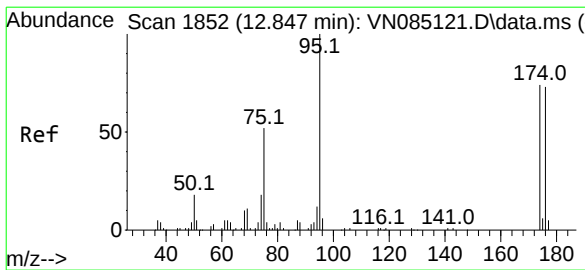
Tgt Ion:	114	Resp:	129258
Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.2	24.2
88	16.2	12.5	18.7



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN085213.D
 Acq: 16 Dec 2024 12:45

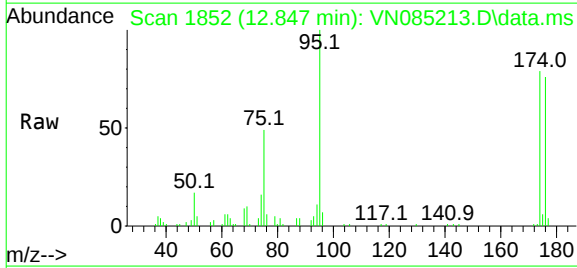
Tgt Ion:	117	Resp:	116508
Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.2	66.4
119	32.6	25.4	38.2



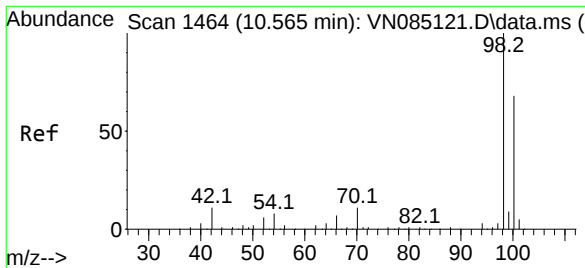
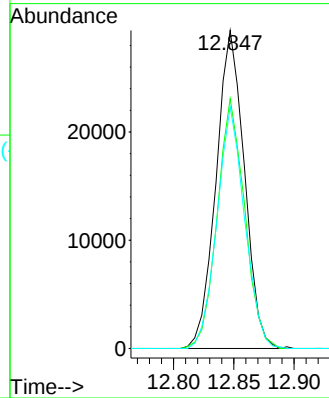
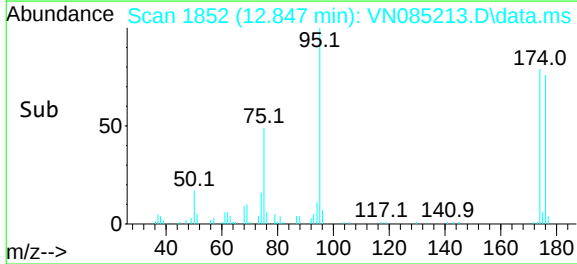


#60
4-Bromofluorobenzene
Concen: 24.868 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085213.D
Acq: 16 Dec 2024 12:45

Instrument :
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ClientSampleId :
IBLK



Tgt Ion: 95 Resp: 47939
Ion Ratio Lower Upper
95 100
174 76.3 60.3 90.5
176 74.2 57.4 86.0



#63
Toluene-d8
Concen: 27.853 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085213.D
Acq: 16 Dec 2024 12:45

Tgt Ion: 98 Resp: 152219
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

