

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100424\
 Data File : VN084311.D
 Acq On : 04 Oct 2024 12:53
 Operator : JC\MD
 Sample : VN1004WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1004WBL01

Quant Time: Oct 04 22:57:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	32244	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	161344	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	146913	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	84924	28.814	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.033%
60) 4-Bromofluorobenzene	12.847	95	69499	27.448	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.500%
63) Toluene-d8	10.565	98	226683	33.323	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	111.067%

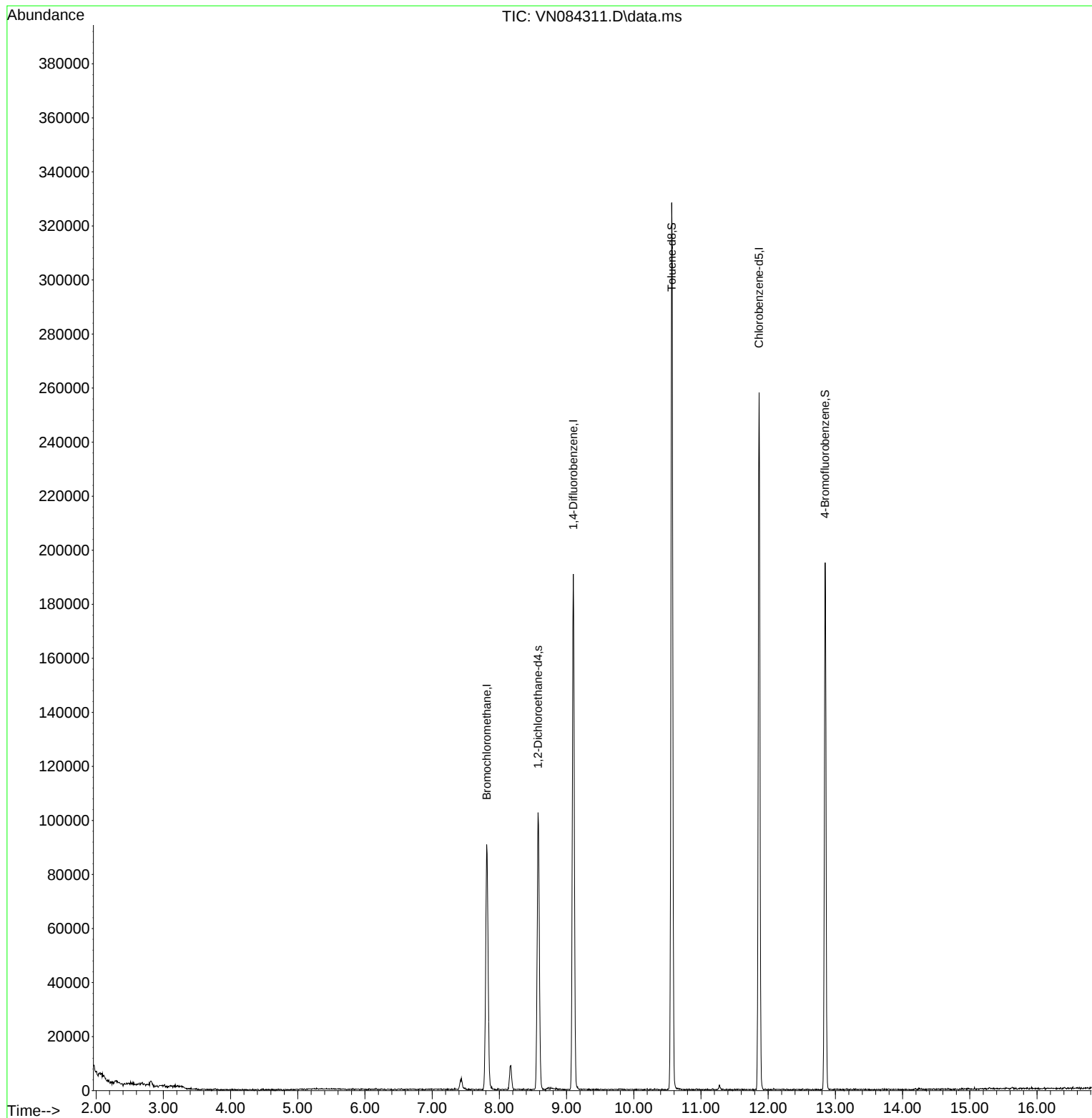
Target Compounds	Qvalue

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

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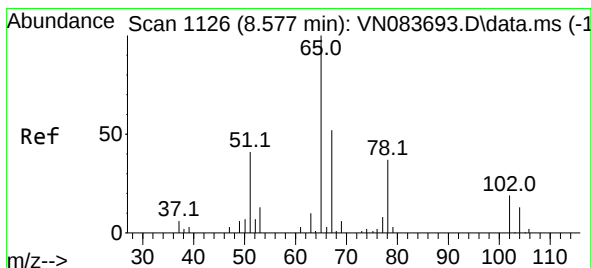
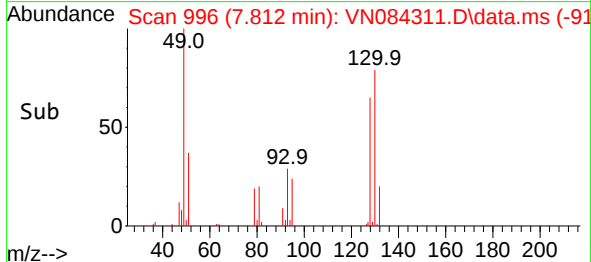
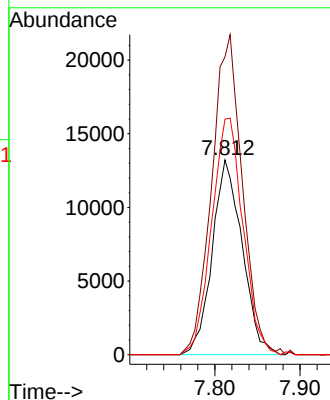
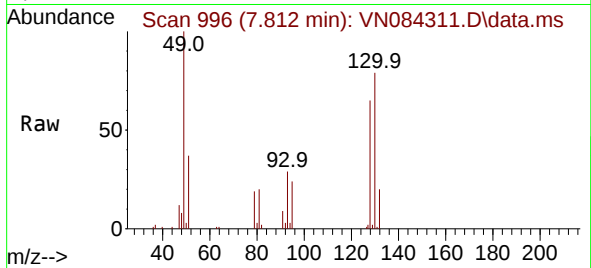




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084311.D
Acq: 04 Oct 2024 12:53

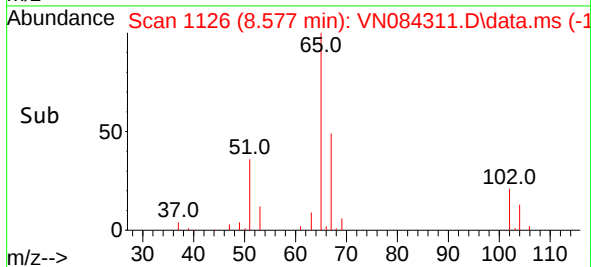
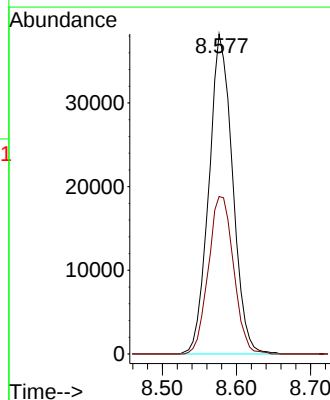
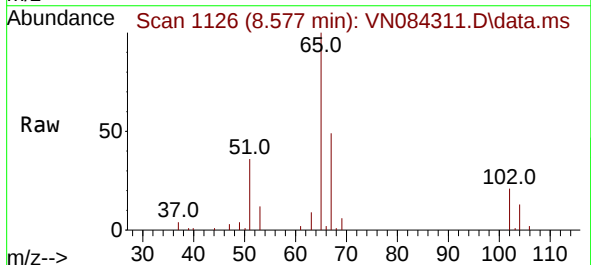
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBL01

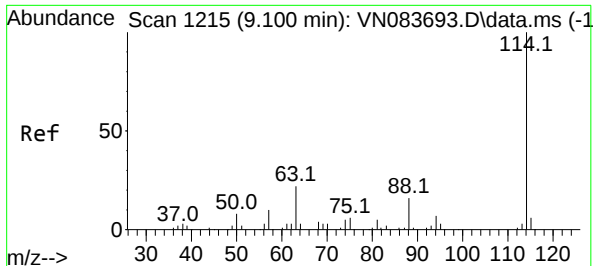
Tgt Ion:128 Resp: 32244
Ion Ratio Lower Upper
128 100
49 167.3 0.0 403.7
130 127.6 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 28.814 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084311.D
Acq: 04 Oct 2024 12:53

Tgt Ion: 65 Resp: 84924
Ion Ratio Lower Upper
65 100
67 52.3 43.2 64.8

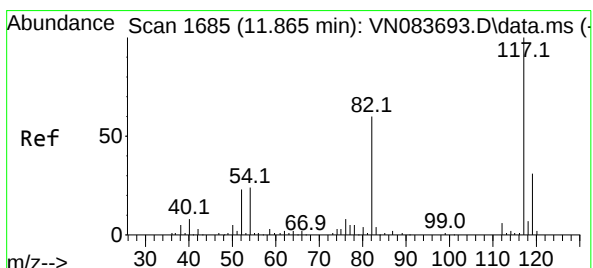
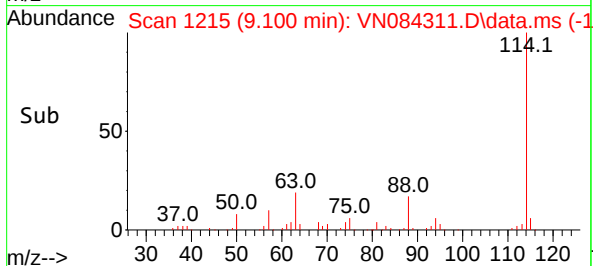
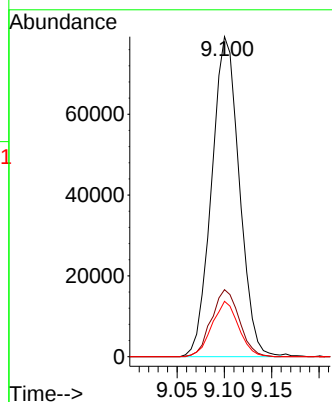
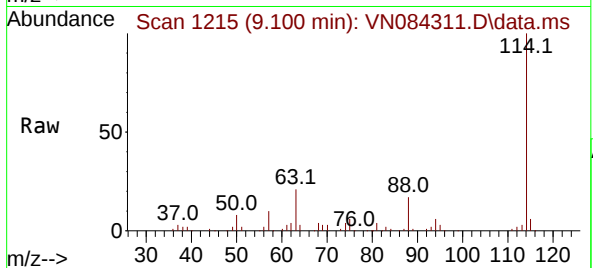




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084311.D
Acq: 04 Oct 2024 12:53

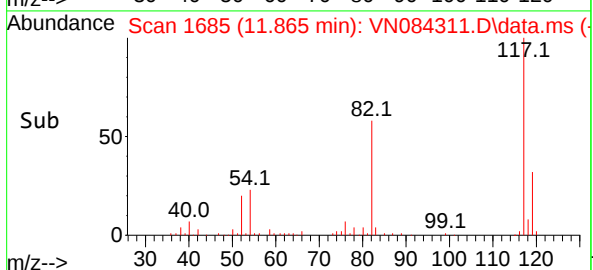
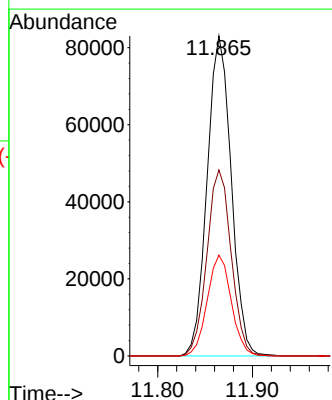
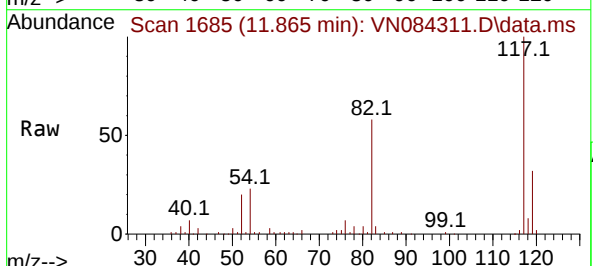
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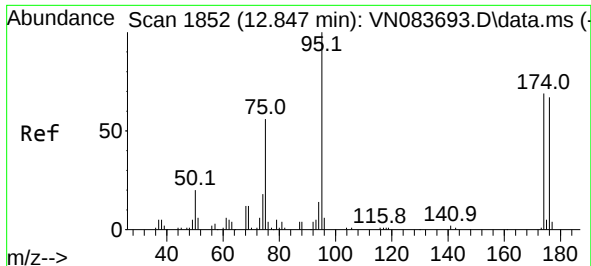
Tgt Ion:114 Resp: 161344
Ion Ratio Lower Upper
114 100
63 21.0 15.9 23.9
88 16.7 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084311.D
Acq: 04 Oct 2024 12:53

Tgt Ion:117 Resp: 146913
Ion Ratio Lower Upper
117 100
82 58.6 46.6 69.8
119 31.3 25.4 38.2

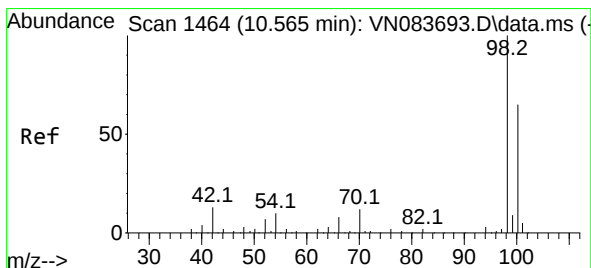
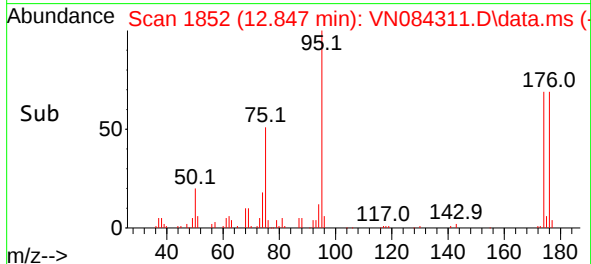
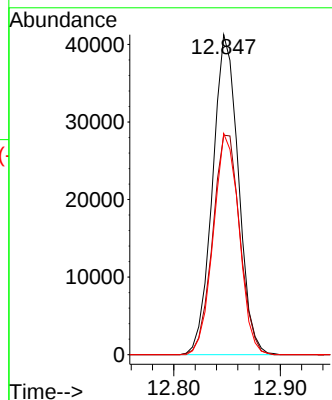
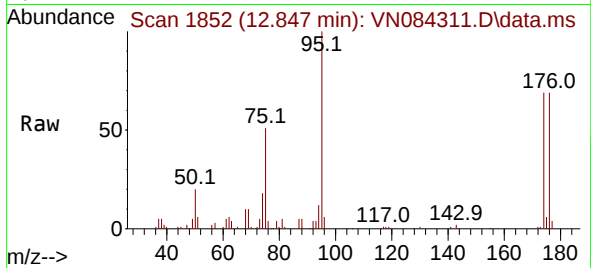




#60
4-Bromofluorobenzene
Concen: 27.448 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084311.D
Acq: 04 Oct 2024 12:53

Instrument :
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Tgt Ion: 95 Resp: 69499
Ion Ratio Lower Upper
95 100
174 72.4 60.5 90.7
176 68.9 57.8 86.6



#63
Toluene-d8
Concen: 33.323 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084311.D
Acq: 04 Oct 2024 12:53

Tgt Ion: 98 Resp: 226683
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1

