

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100424\
 Data File : VN084312.D
 Acq On : 04 Oct 2024 13:33
 Operator : JC\MD
 Sample : P4262-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Oct 04 22:58:18 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)

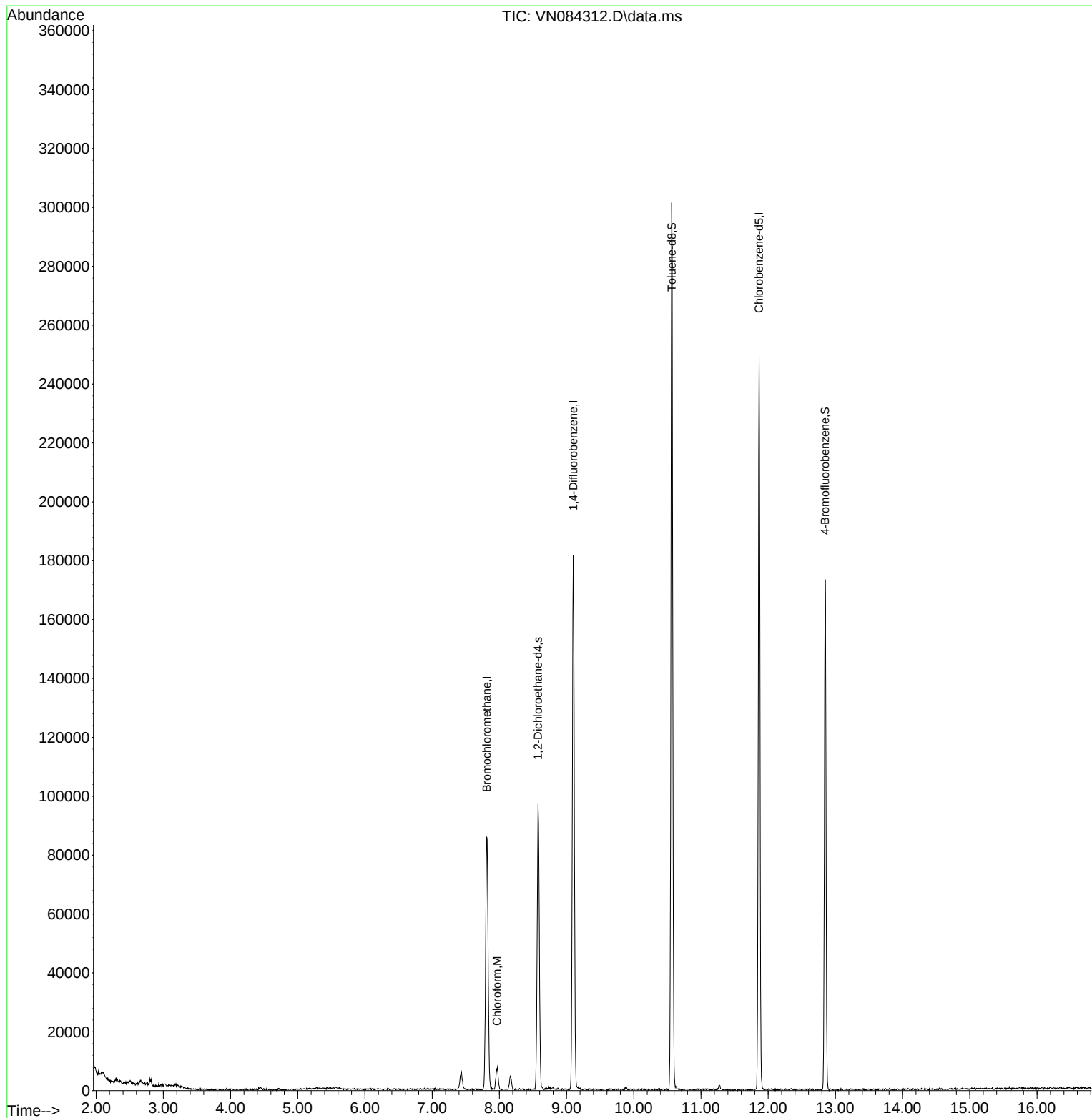
Internal Standards						
1) Bromochloromethane	7.812	128	31106	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	152614	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	143186	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	79875	28.092	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.633%
60) 4-Bromofluorobenzene	12.847	95	60197	24.393	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.300%
63) Toluene-d8	10.565	98	205301	30.965	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.233%
Target Compounds						
25) Chloroform	7.965	83	8182	1.975	ug/l	Qvalue # 83

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

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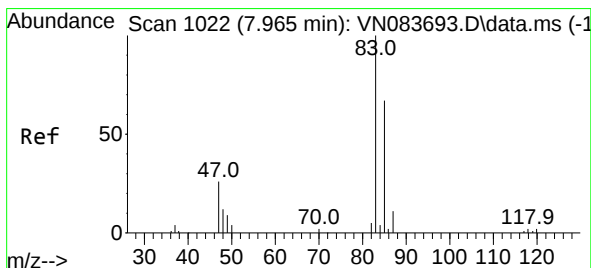
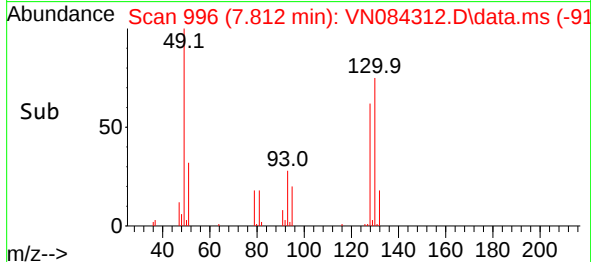
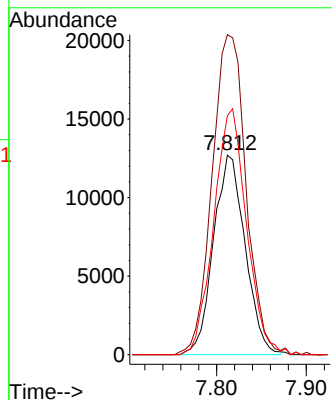
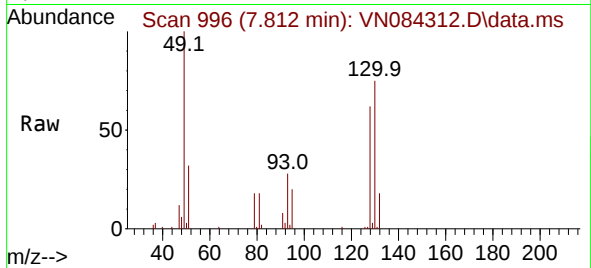




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084312.D
Acq: 04 Oct 2024 13:33

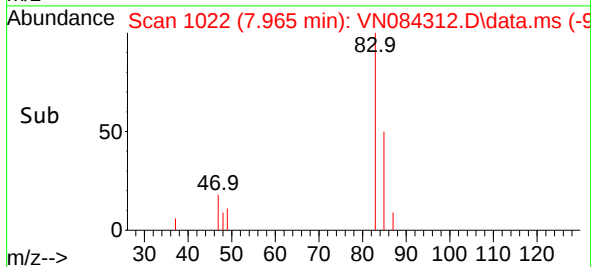
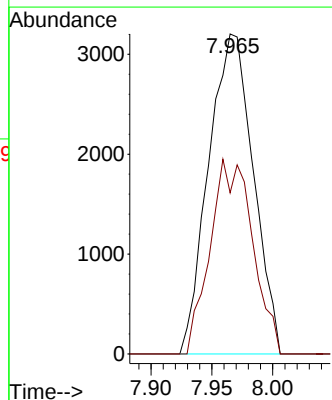
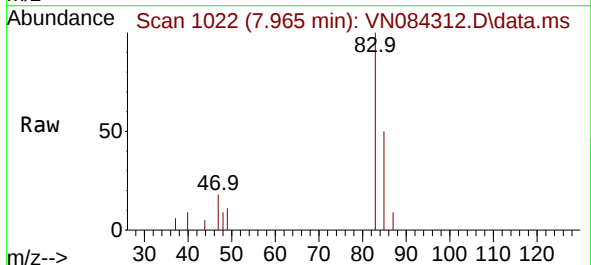
Instrument :
MSVOA_N
ClientSampleId :
14B-1

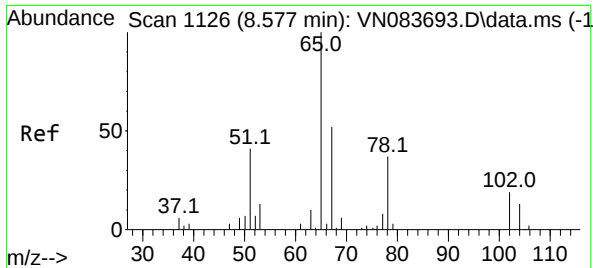
Tgt Ion:128 Resp: 31106
Ion Ratio Lower Upper
128 100
49 171.6 0.0 403.7
130 127.7 0.0 323.3



#25
Chloroform
Concen: 1.975 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084312.D
Acq: 04 Oct 2024 13:33

Tgt Ion: 83 Resp: 8182
Ion Ratio Lower Upper
83 100
85 50.4 50.9 76.3#

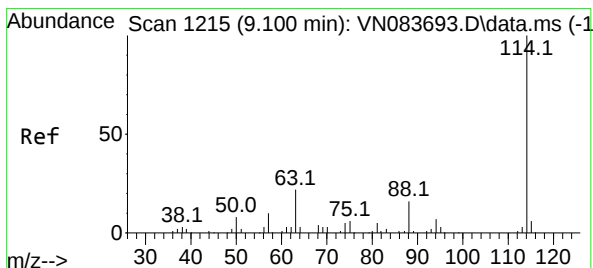
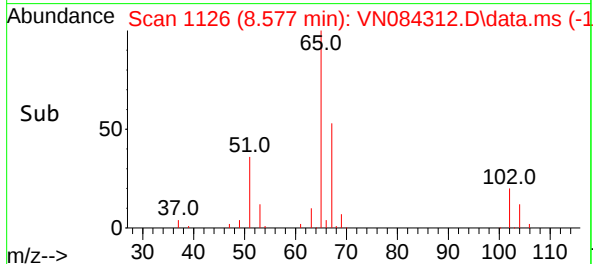
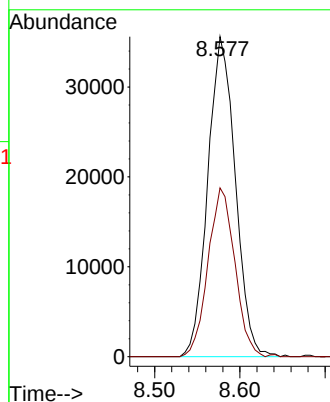
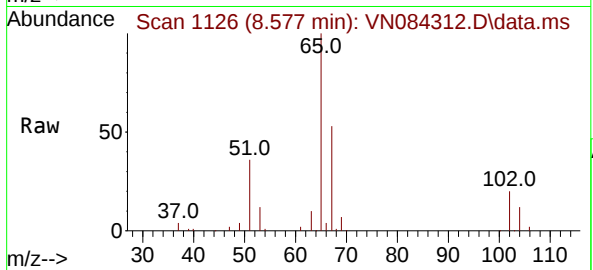




#27
1,2-Dichloroethane-d4
Concen: 28.092 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084312.D
Acq: 04 Oct 2024 13:33

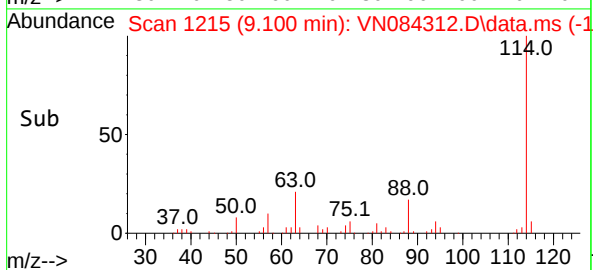
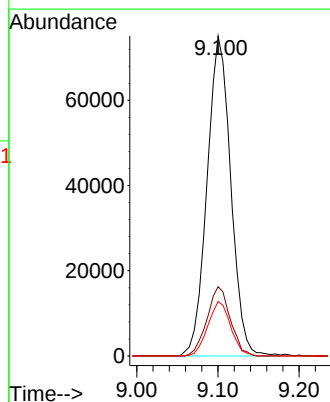
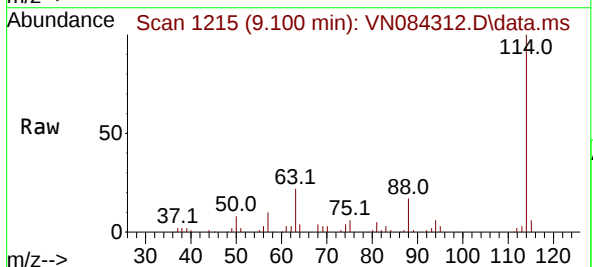
Instrument :
MSVOA_N
ClientSampleId :
14B-1

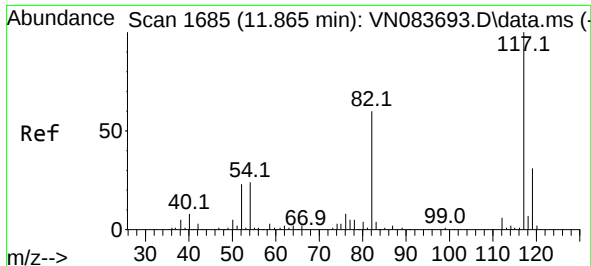
Tgt Ion: 65 Resp: 79875
Ion Ratio Lower Upper
65 100
67 51.3 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084312.D
Acq: 04 Oct 2024 13:33

Tgt Ion: 114 Resp: 152614
Ion Ratio Lower Upper
114 100
63 21.2 15.9 23.9
88 16.3 12.7 19.1

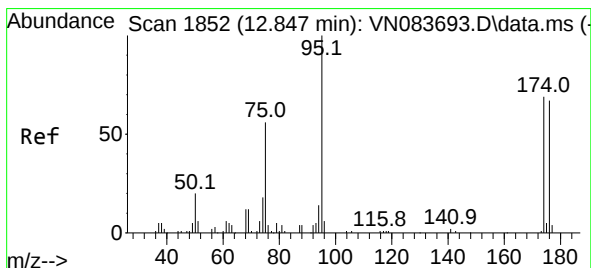
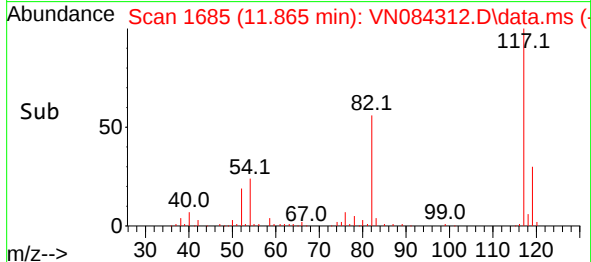
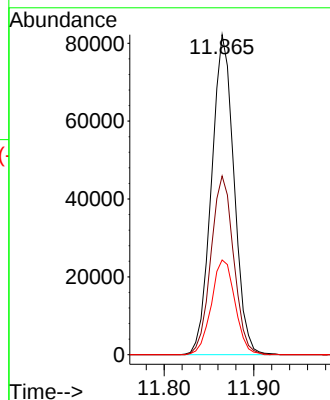
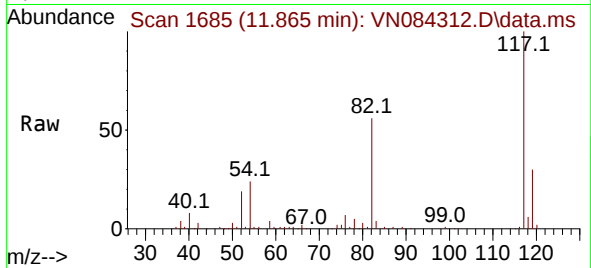




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084312.D
Acq: 04 Oct 2024 13:33

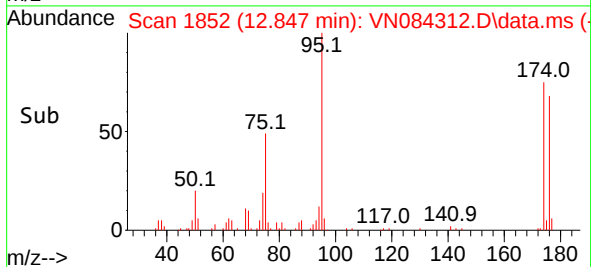
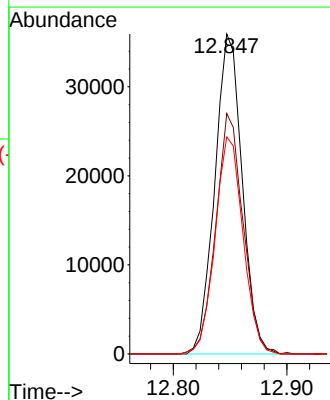
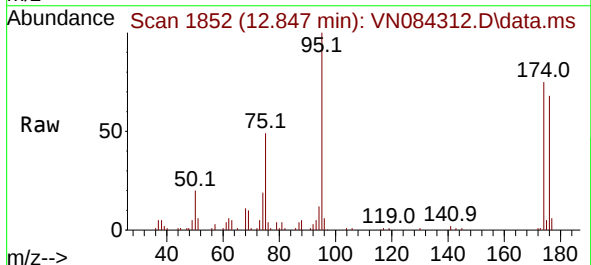
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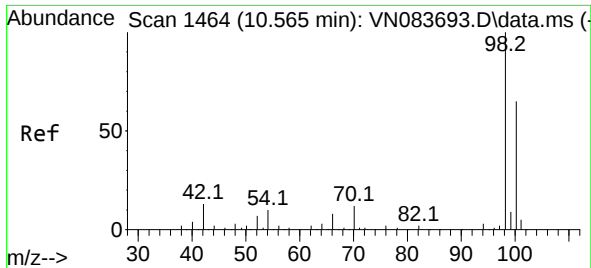
Tgt Ion:117 Resp: 143186
Ion Ratio Lower Upper
117 100
82 56.5 46.6 69.8
119 31.2 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 24.393 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084312.D
Acq: 04 Oct 2024 13:33

Tgt Ion: 95 Resp: 60197
Ion Ratio Lower Upper
95 100
174 74.9 60.5 90.7
176 69.3 57.8 86.6





#63
Toluene-d8
Concen: 30.965 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084312.D
Acq: 04 Oct 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :
14B-1

Tgt Ion: 98 Resp: 205301
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1

