

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100424\
 Data File : VN084314.D
 Acq On : 04 Oct 2024 14:21
 Operator : JC\MD
 Sample : P4262-03 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Quant Time: Oct 04 22:59:00 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)

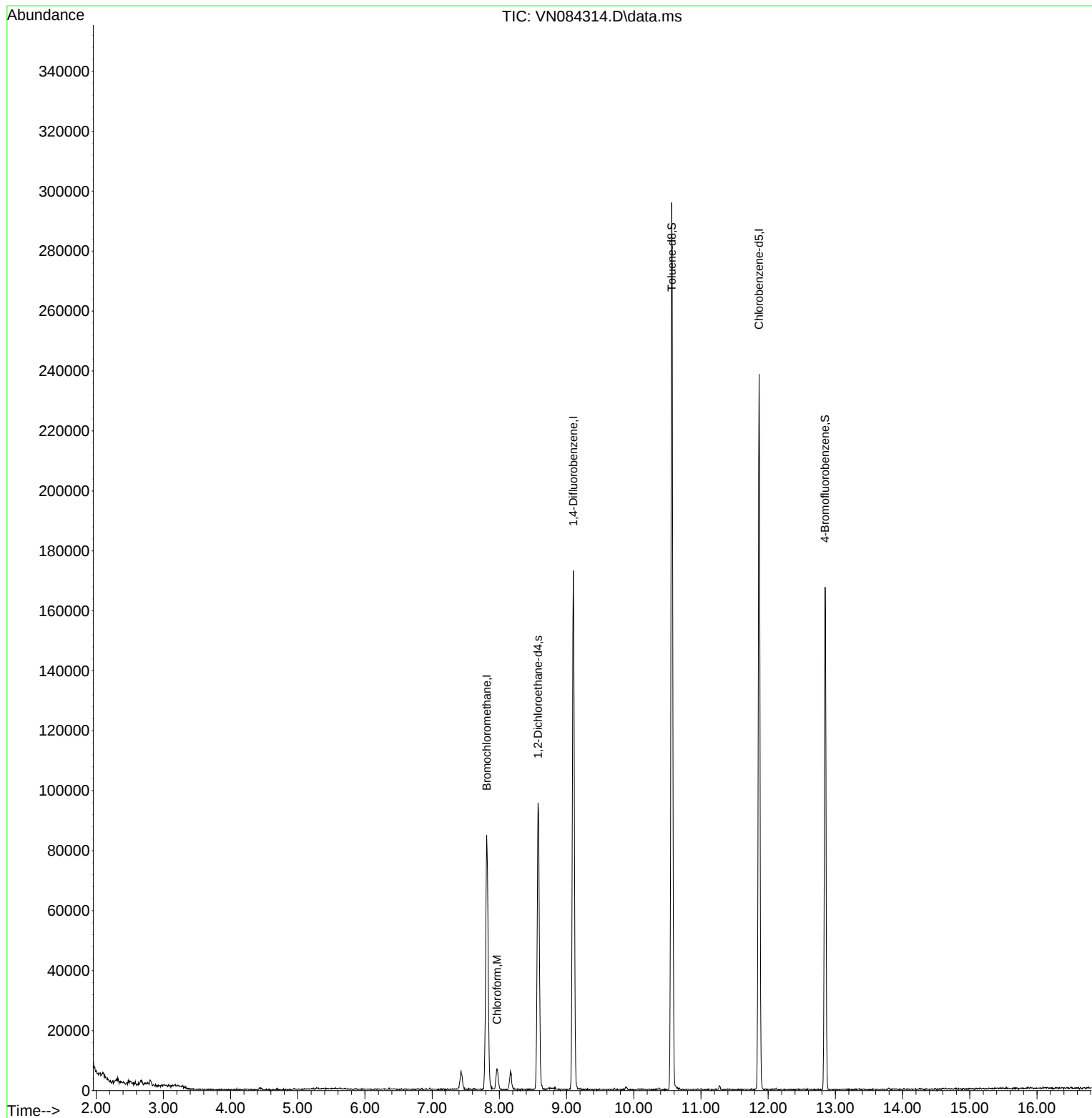
Internal Standards						
1) Bromochloromethane	7.812	128	29525	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	145572	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	134864	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	79431	29.432	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.100%
60) 4-Bromofluorobenzene	12.847	95	58170	25.026	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.433%
63) Toluene-d8	10.565	98	201210	32.221	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	107.400%
Target Compounds						
25) Chloroform	7.965	83	7032	1.788	ug/l	Qvalue 95

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

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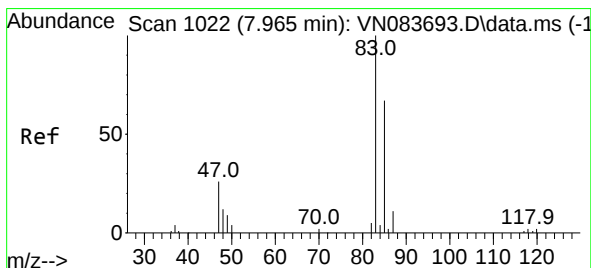
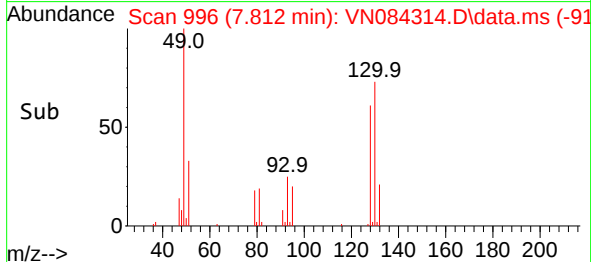
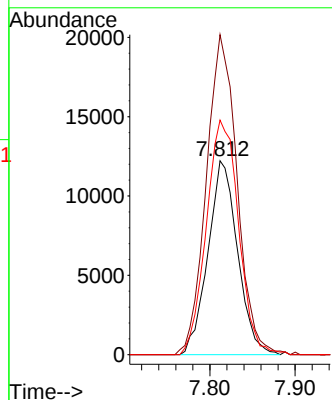
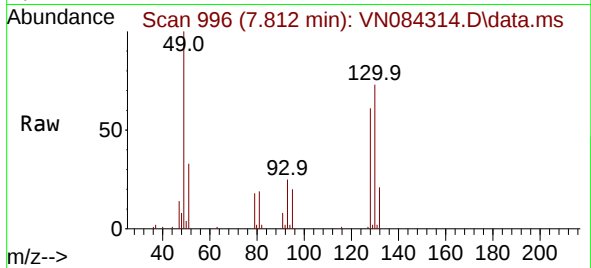




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084314.D
Acq: 04 Oct 2024 14:21

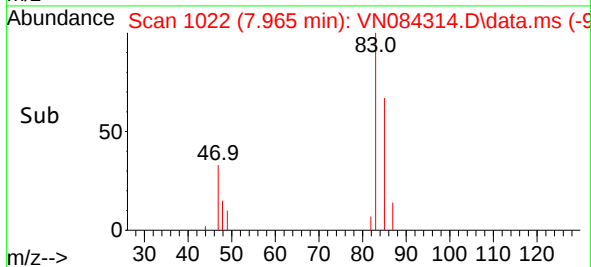
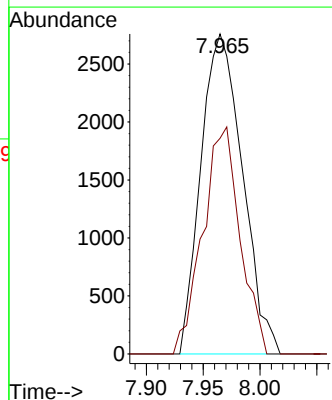
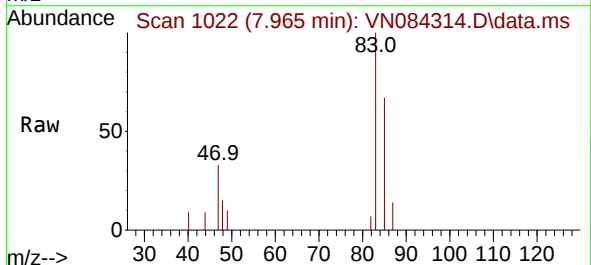
Instrument :
MSVOA_N
ClientSampleId :
14B-3

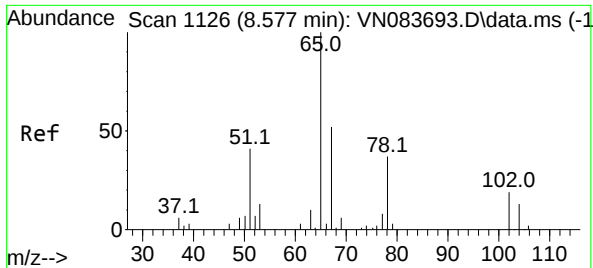
Tgt Ion:128 Resp: 29525
Ion Ratio Lower Upper
128 100
49 171.4 0.0 403.7
130 132.1 0.0 323.3



#25
Chloroform
Concen: 1.788 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084314.D
Acq: 04 Oct 2024 14:21

Tgt Ion: 83 Resp: 7032
Ion Ratio Lower Upper
83 100
85 67.4 50.9 76.3

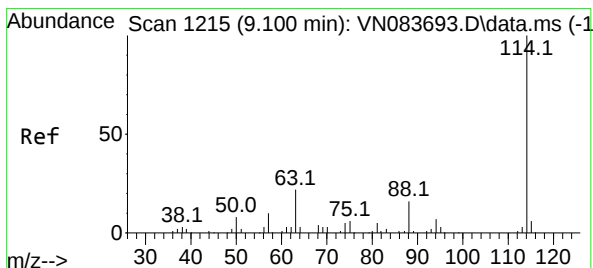
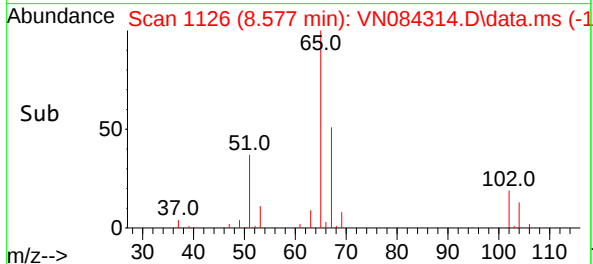
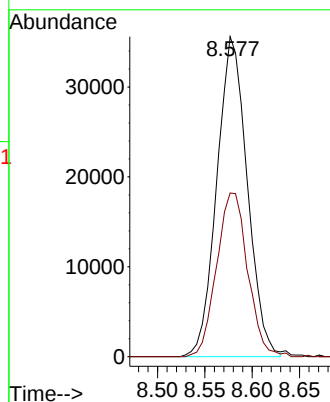
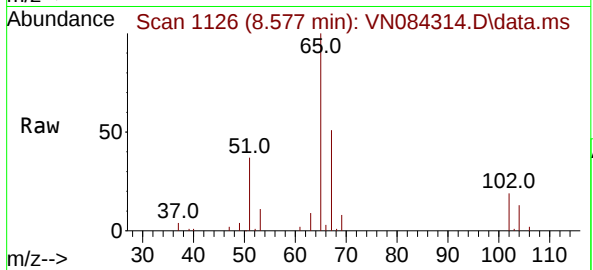




#27
1,2-Dichloroethane-d4
Concen: 29.432 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084314.D
Acq: 04 Oct 2024 14:21

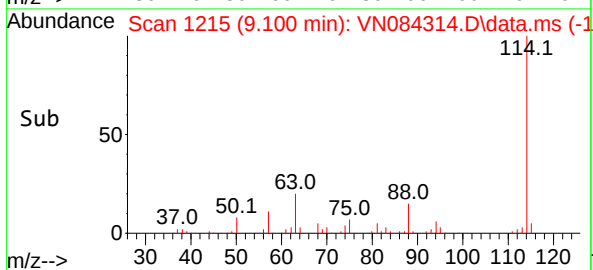
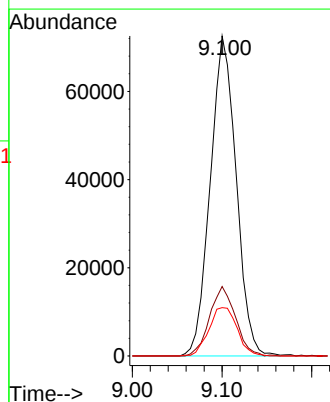
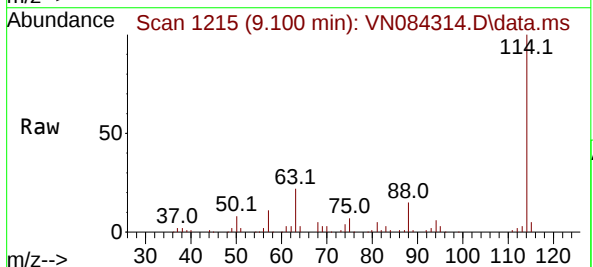
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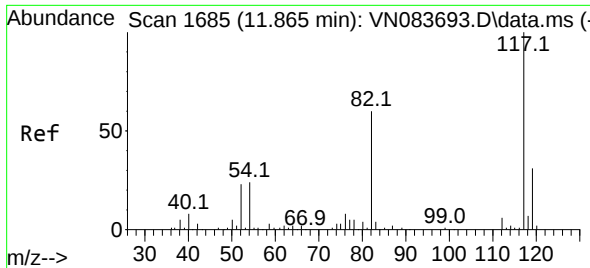
Tgt Ion: 65 Resp: 79431
Ion Ratio Lower Upper
65 100
67 52.3 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084314.D
Acq: 04 Oct 2024 14:21

Tgt Ion: 114 Resp: 145572
Ion Ratio Lower Upper
114 100
63 21.6 15.9 23.9
88 16.5 12.7 19.1

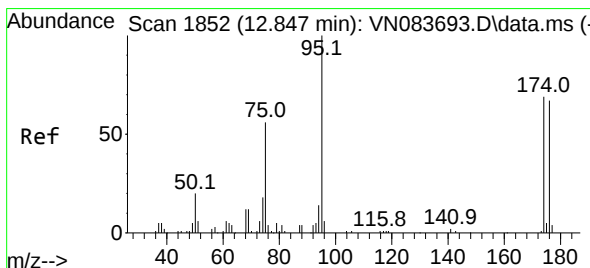
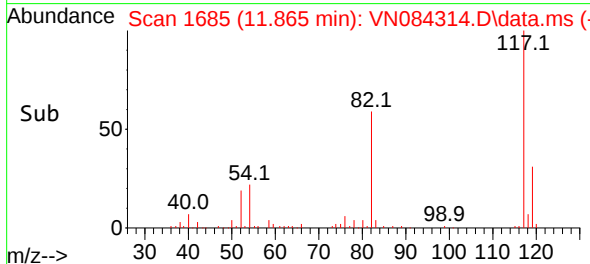
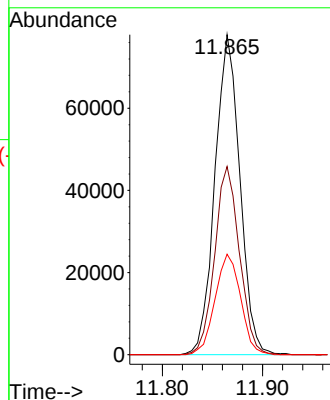
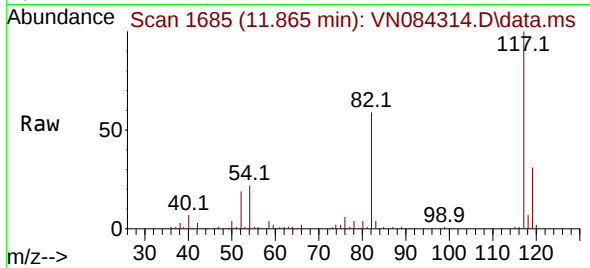




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084314.D
Acq: 04 Oct 2024 14:21

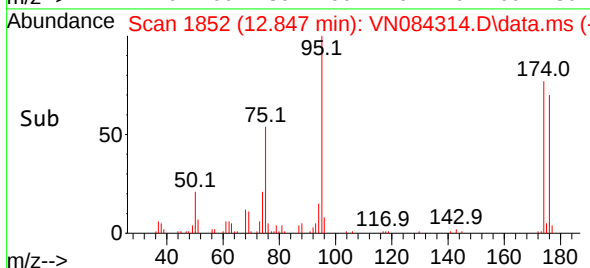
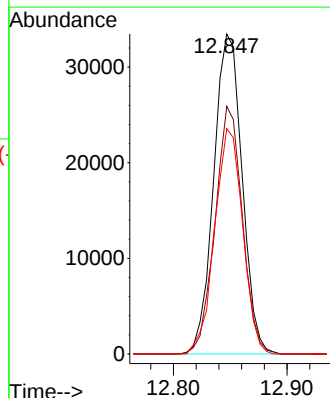
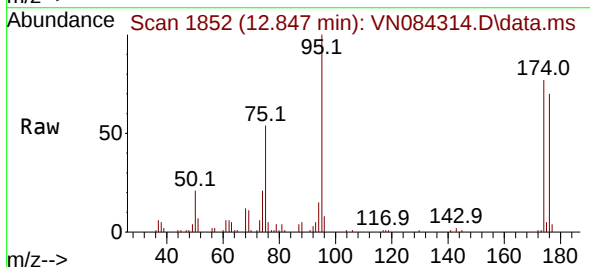
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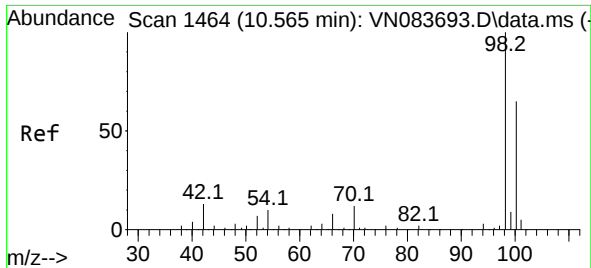
Tgt Ion:117 Resp: 134864
Ion Ratio Lower Upper
117 100
82 58.3 46.6 69.8
119 32.1 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 25.026 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084314.D
Acq: 04 Oct 2024 14:21

Tgt Ion: 95 Resp: 58170
Ion Ratio Lower Upper
95 100
174 74.4 60.5 90.7
176 69.6 57.8 86.6





#63
Toluene-d8
Concen: 32.221 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN084314.D
Acq: 04 Oct 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
14B-3

Tgt Ion: 98 Resp: 201210
Ion Ratio Lower Upper
98 100
100 63.5 52.7 79.1

