

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100424\
 Data File : VN084319.D
 Acq On : 04 Oct 2024 16:20
 Operator : JC\MD
 Sample : P4271-04 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: Oct 04 23:00:45 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)

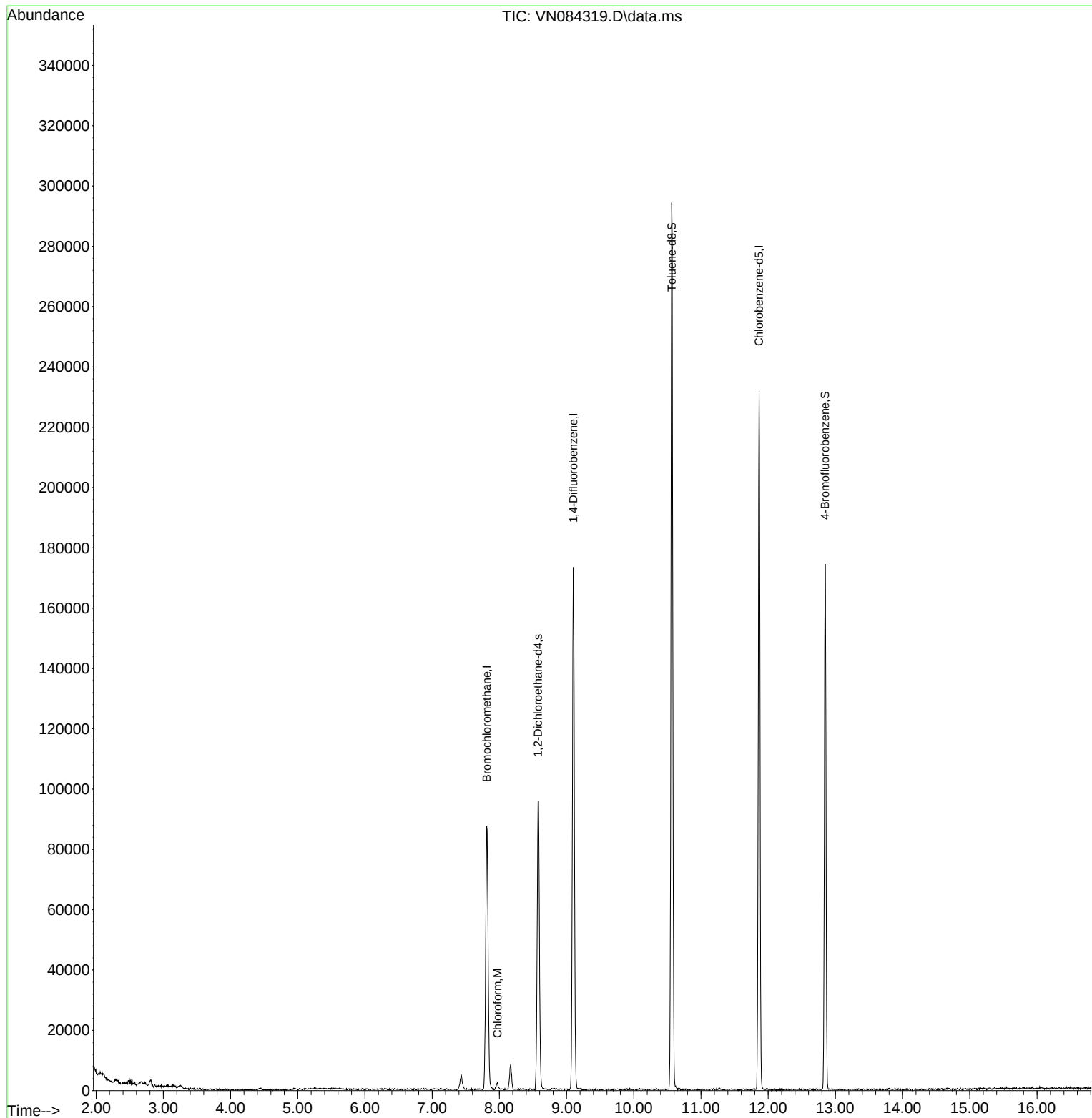
Internal Standards						
1) Bromochloromethane	7.812	128	30090	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	145998	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	133646	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	82077	29.841	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.467%
60) 4-Bromofluorobenzene	12.847	95	60982	26.475	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.267%
63) Toluene-d8	10.565	98	203686	32.915	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	109.700%
Target Compounds						
					Qvalue	
25) Chloroform	7.971	83	2270	0.566	ug/l #	71

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

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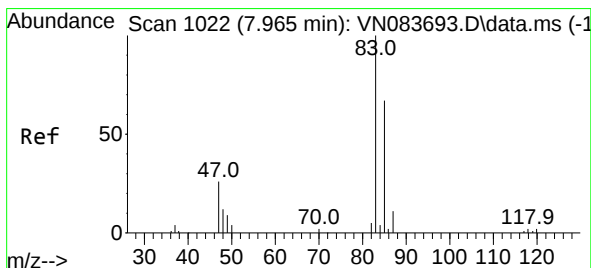
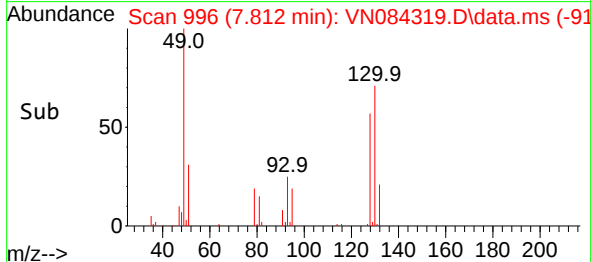
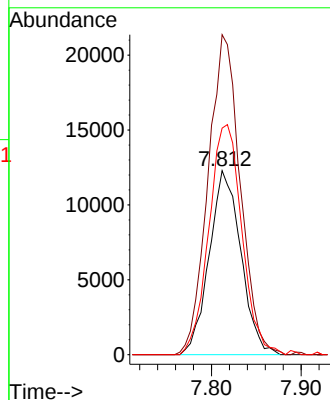
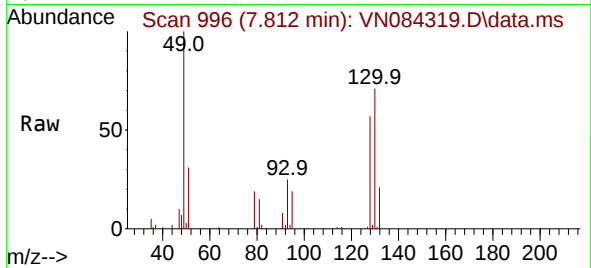




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084319.D
Acq: 04 Oct 2024 16:20

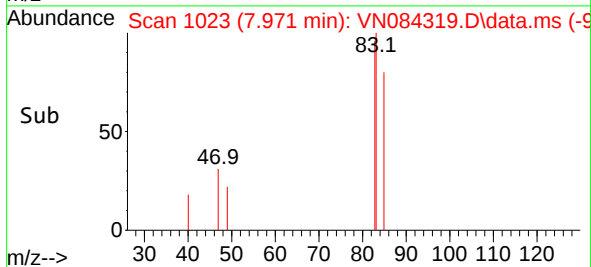
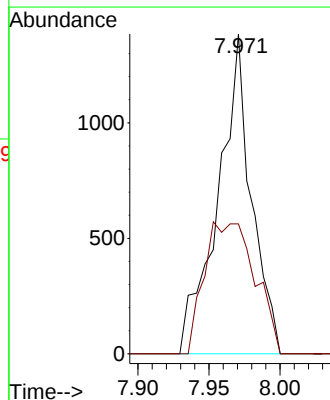
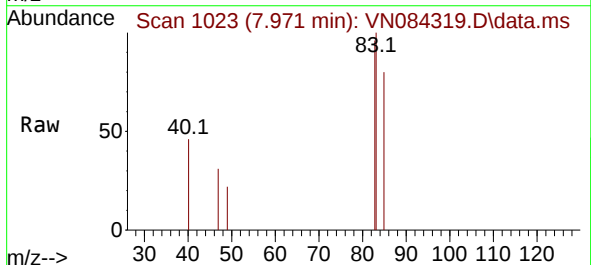
Instrument :
MSVOA_N
ClientSampleId :
14B-4

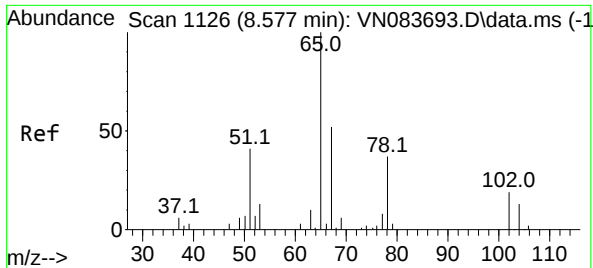
Tgt Ion:128 Resp: 30090
Ion Ratio Lower Upper
128 100
49 176.9 0.0 403.7
130 130.4 0.0 323.3



#25
Chloroform
Concen: 0.566 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN084319.D
Acq: 04 Oct 2024 16:20

Tgt Ion: 83 Resp: 2270
Ion Ratio Lower Upper
83 100
85 40.6 50.9 76.3#

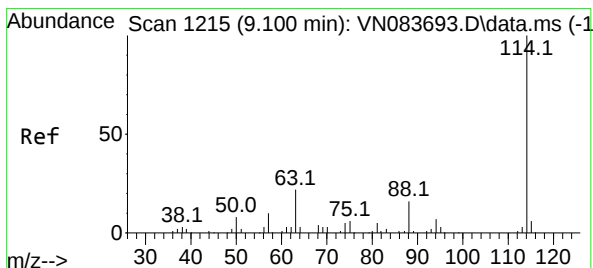
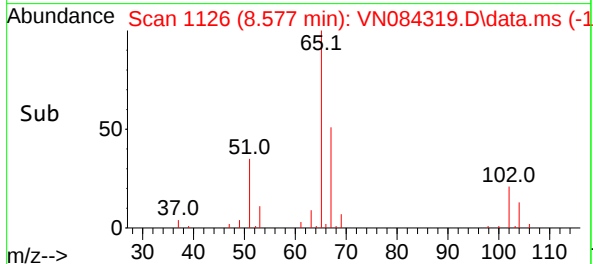
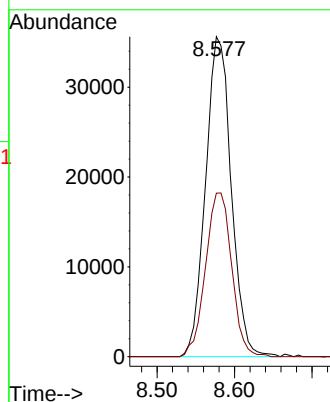
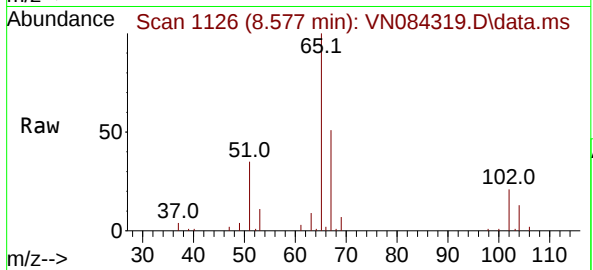




#27
1,2-Dichloroethane-d4
Concen: 29.841 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084319.D
Acq: 04 Oct 2024 16:20

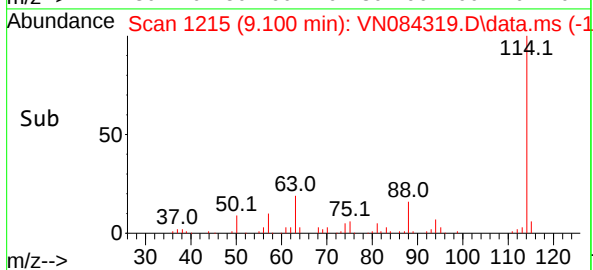
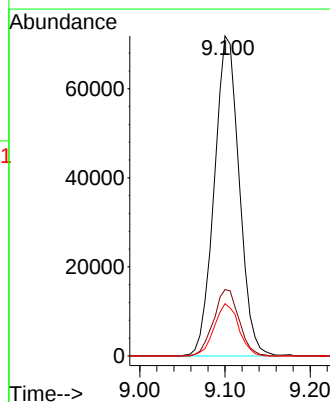
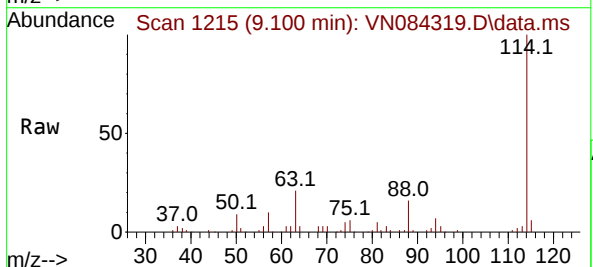
Instrument :
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ClientSampleId :
14B-4

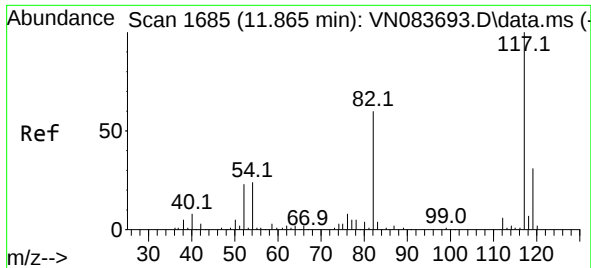
Tgt Ion: 65 Resp: 82077
Ion Ratio Lower Upper
65 100
67 52.0 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084319.D
Acq: 04 Oct 2024 16:20

Tgt Ion: 114 Resp: 145998
Ion Ratio Lower Upper
114 100
63 21.2 15.9 23.9
88 16.0 12.7 19.1

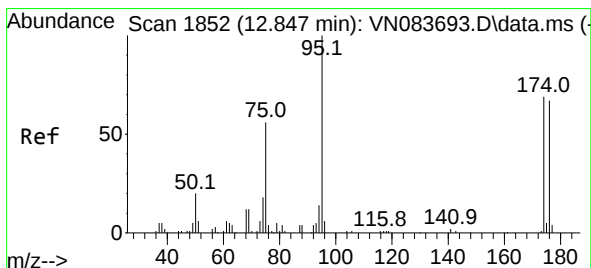
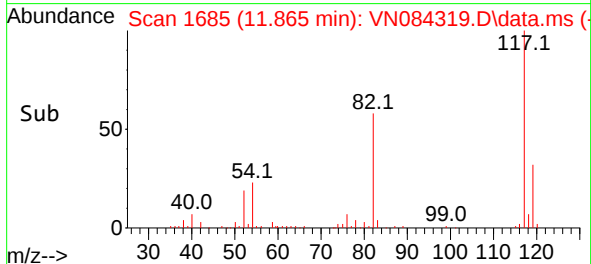
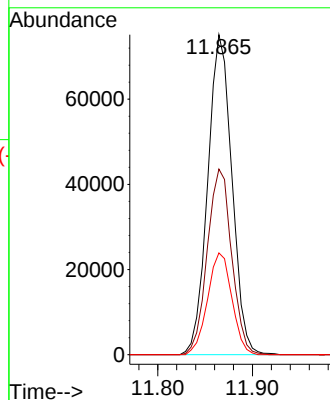
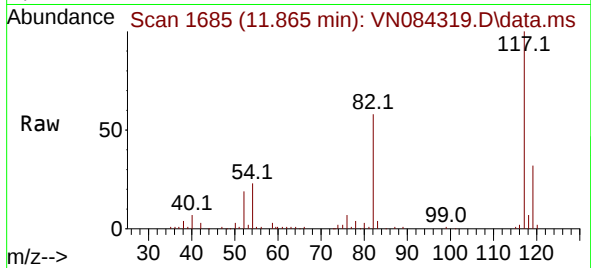




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084319.D
Acq: 04 Oct 2024 16:20

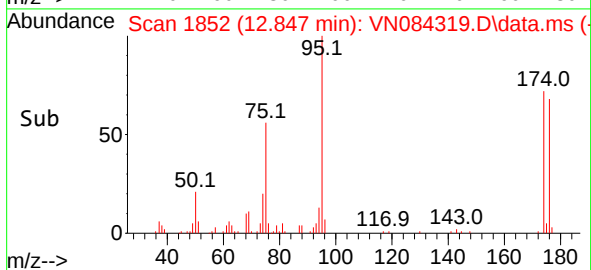
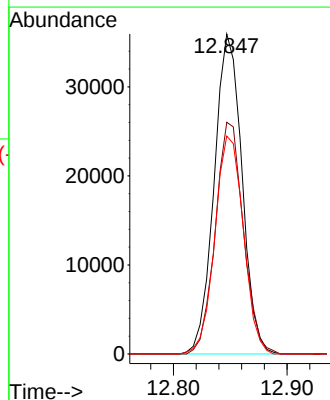
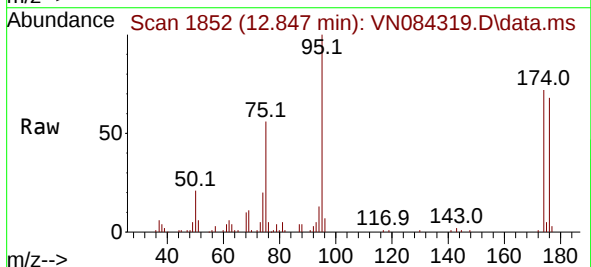
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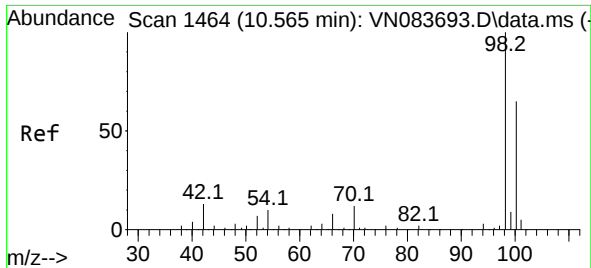
Tgt Ion:117 Resp: 133646
Ion Ratio Lower Upper
117 100
82 58.5 46.6 69.8
119 31.9 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 26.475 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084319.D
Acq: 04 Oct 2024 16:20

Tgt Ion: 95 Resp: 60982
Ion Ratio Lower Upper
95 100
174 73.3 60.5 90.7
176 70.0 57.8 86.6





#63
 Toluene-d8
 Concen: 32.915 ug/l
 RT: 10.565 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VN084319.D
 Acq: 04 Oct 2024 16:20

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Tgt Ion: 98 Resp: 203686
 Ion Ratio Lower Upper
 98 100
 100 64.7 52.7 79.1

