

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053122\
 Data File : VN072652.D
 Acq On : 31 May 2022 14:18
 Operator : JC\MD
 Sample : N3068-01 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WATER-DRUM

Quant Time: Jun 01 02:40:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 2022
 Response via : Initial Calibration

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

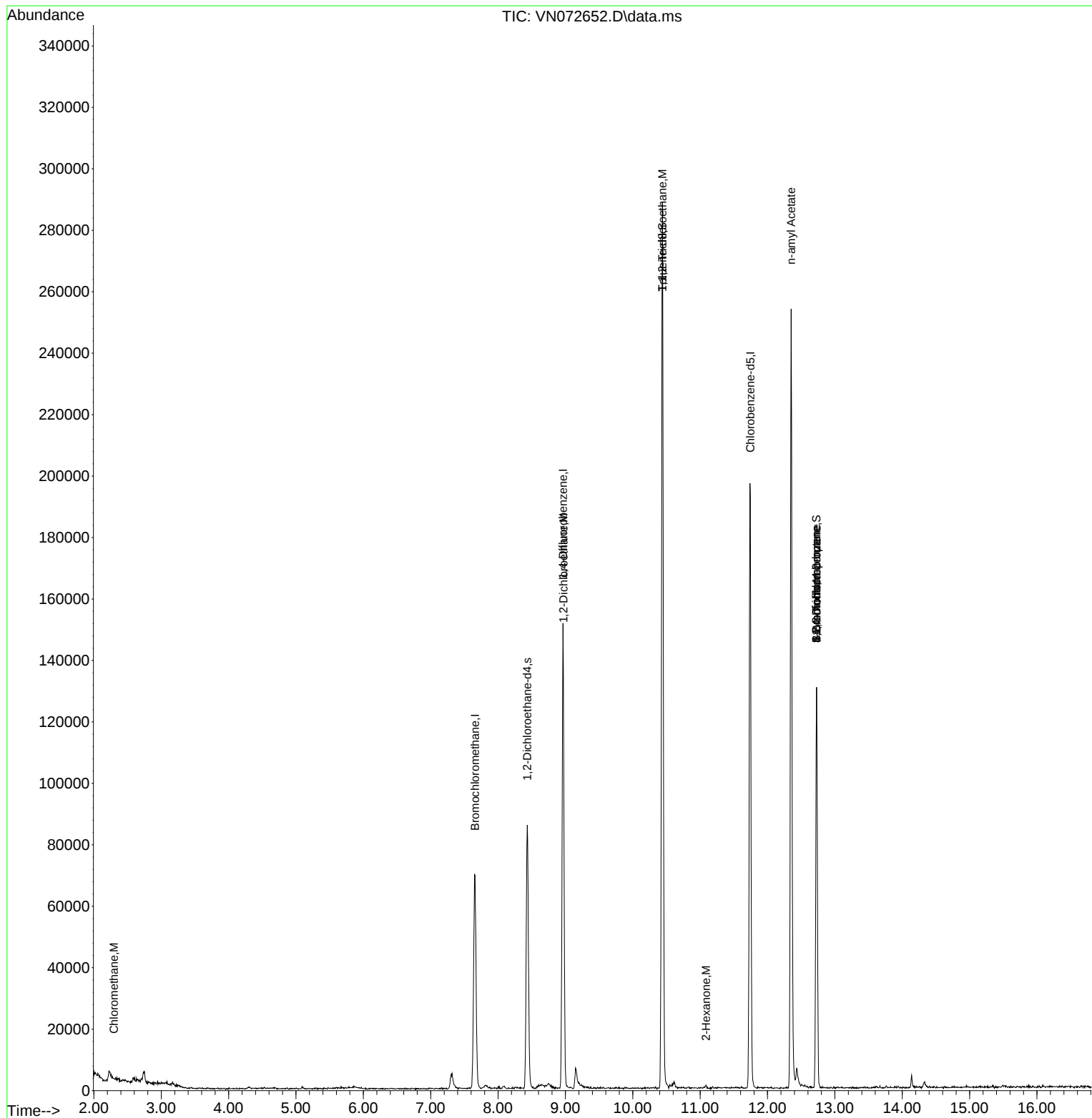
Internal Standards						
1) Bromochloromethane	7.657	128	24323	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	123472	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	114988	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	71197	30.590	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.967%
60) 4-Bromofluorobenzene	12.727	95	43276	21.430	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	71.433%
63) Toluene-d8	10.439	98	196886	30.113	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.367%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	591	0.265	ug/l	94
36) 1,2-Dichloroethane	8.969	62	4185	1.755	ug/l #	77
47) n-amyl Acetate	12.351	43	170078	49.686	ug/l #	64
50) 1,1,2-Trichloroethane	10.439	97	6292	3.448	ug/l #	1
56) Bromoform	12.727	173	285	0.210	ug/l #	1
59) 2-Hexanone	11.086	43	616	0.260	ug/l #	34
72) 1,2,3-Trichloropropane	12.727	75	24059	10.095	ug/l	1
77) t-1,4-Dichloro-2-butene	12.727	75	24059	25.832	ug/l #	8

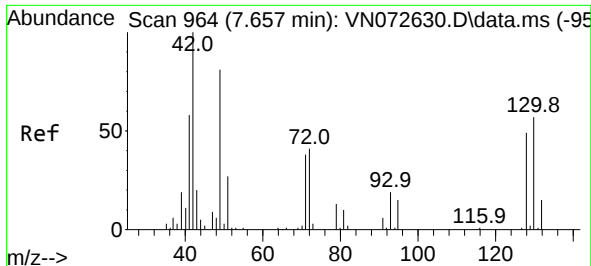
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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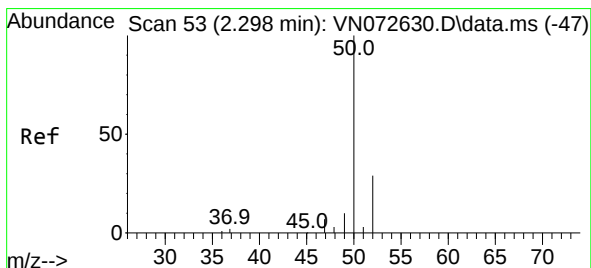
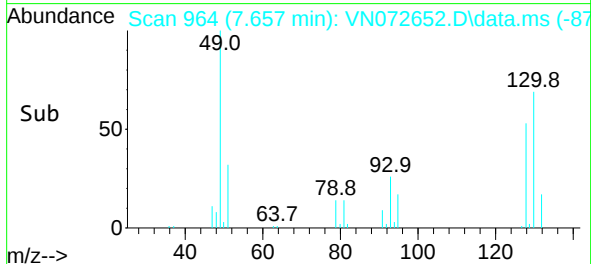
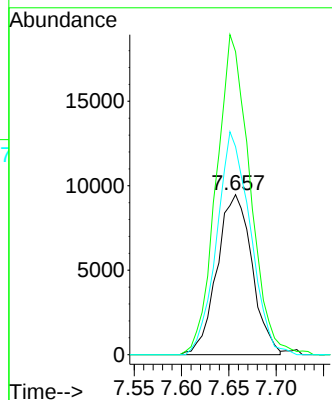
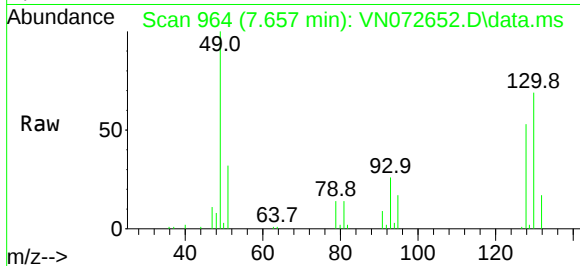




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072652.D
Acq: 31 May 2022 14:18

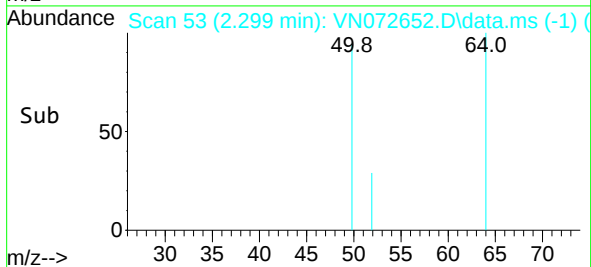
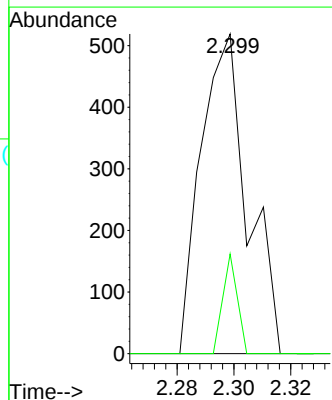
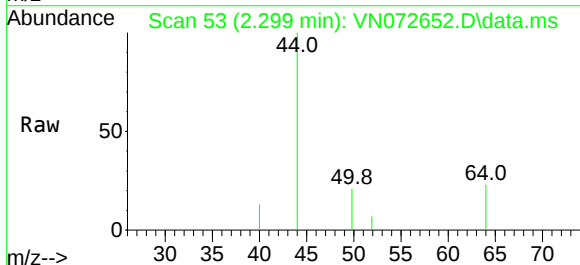
Instrument :
MSVOA_N
ClientSampleId :
WATER-DRUM

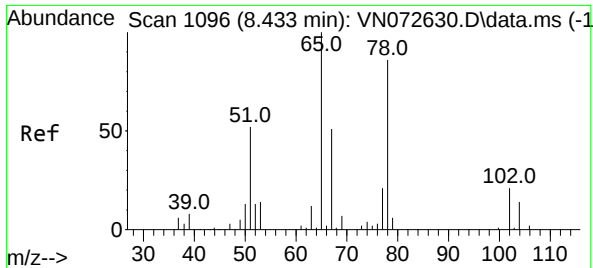
Tgt Ion:128 Resp: 24323
Ion Ratio Lower Upper
128 100
49 192.0 0.0 392.3
130 133.5 0.0 320.2



#3
Chloromethane
Concen: 0.265 ug/l
RT: 2.299 min Scan# 53
Delta R.T. 0.000 min
Lab File: VN072652.D
Acq: 31 May 2022 14:18

Tgt Ion: 50 Resp: 591
Ion Ratio Lower Upper
50 100
52 31.2 27.8 41.6

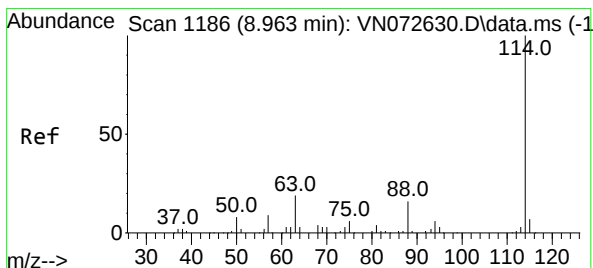
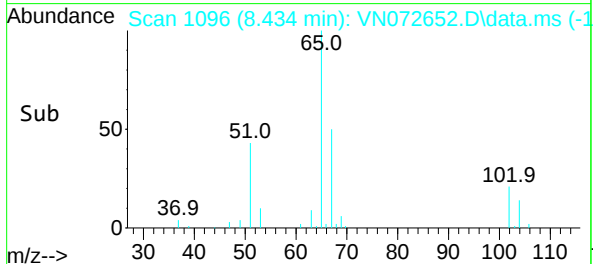
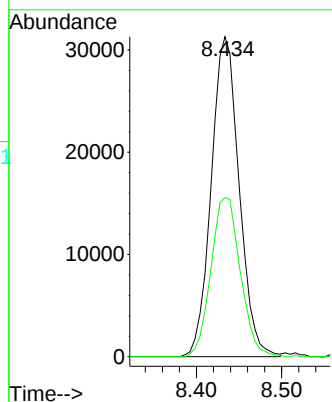
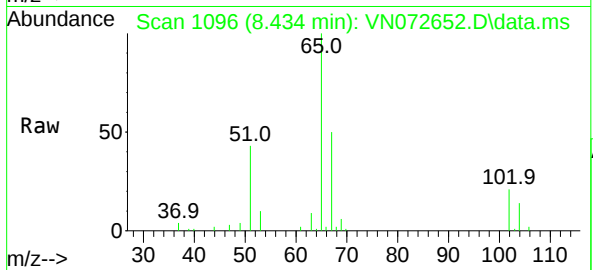




#27
1,2-Dichloroethane-d4
Concen: 30.590 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072652.D
Acq: 31 May 2022 14:18

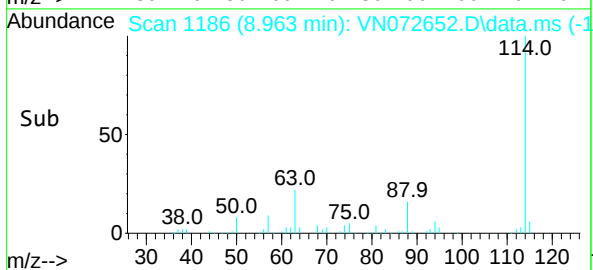
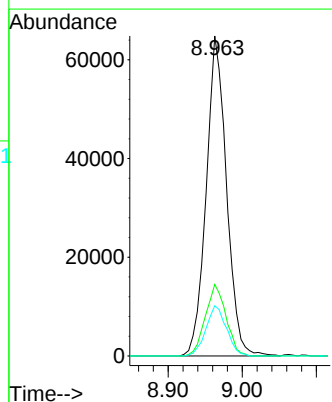
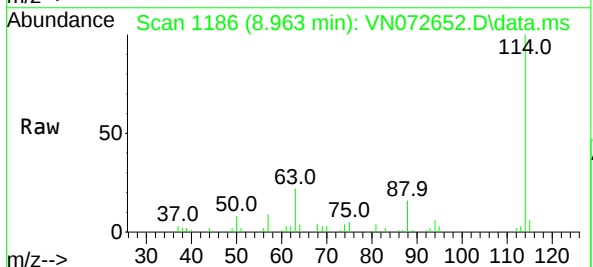
Instrument :
MSVOA_N
ClientSampleId :
WATER-DRUM

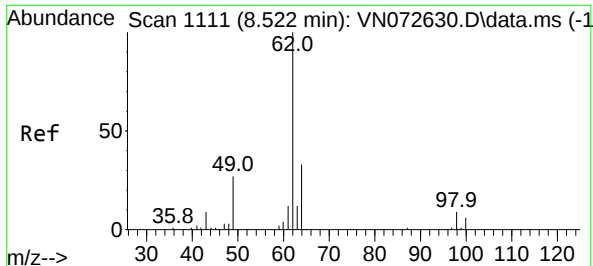
Tgt Ion: 65 Resp: 71197
Ion Ratio Lower Upper
65 100
67 52.4 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072652.D
Acq: 31 May 2022 14:18

Tgt Ion: 114 Resp: 123472
Ion Ratio Lower Upper
114 100
63 22.7 15.8 23.6
88 15.8 11.6 17.4





#36

1,2-Dichloroethane

Concen: 1.755 ug/l

RT: 8.969 min Scan# 1111

Delta R.T. 0.447 min

Lab File: VN072652.D

Acq: 31 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

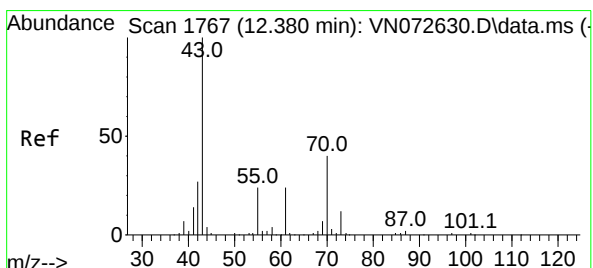
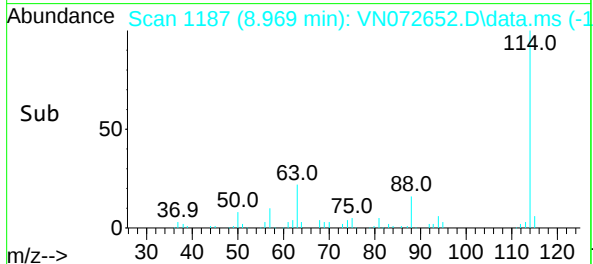
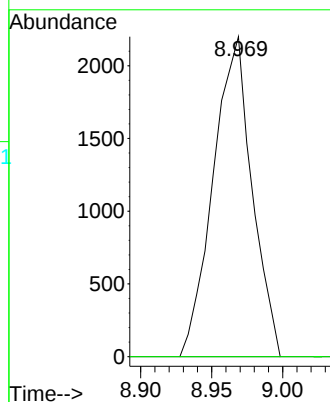
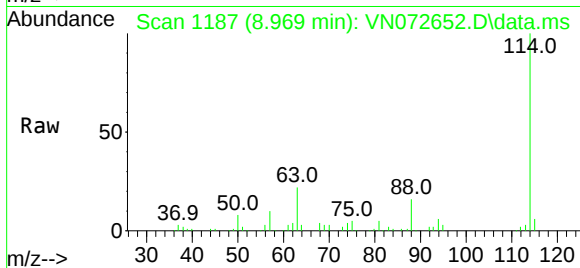
WATER-DRUM

Tgt Ion: 62 Resp: 4185

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



#47

n-amy1 Acetate

Concen: 49.686 ug/l

RT: 12.351 min Scan# 1762

Delta R.T. -0.029 min

Lab File: VN072652.D

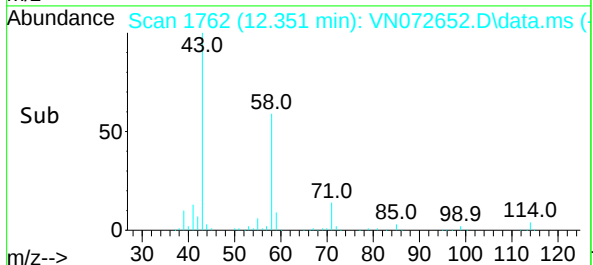
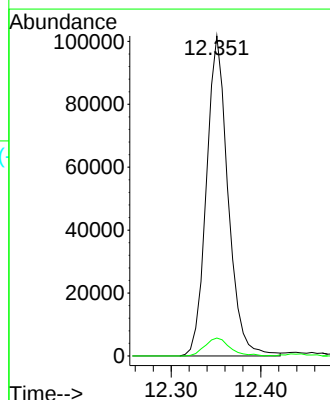
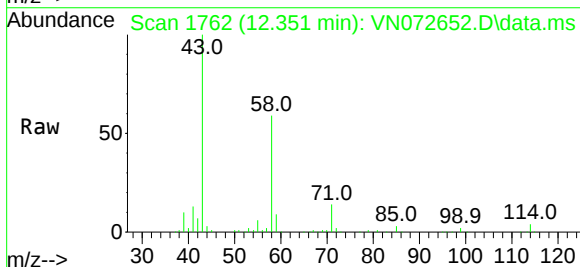
Acq: 31 May 2022 14:18

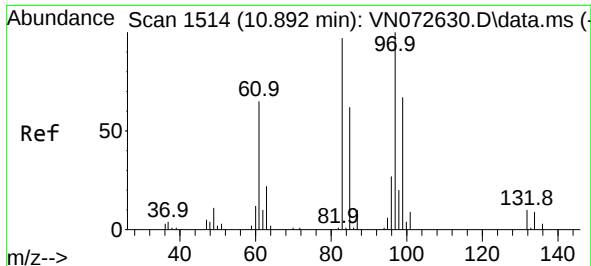
Tgt Ion: 43 Resp: 170078

Ion Ratio Lower Upper

43 100

55 6.3 19.0 28.6#

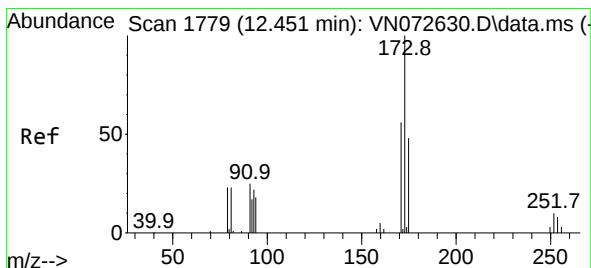
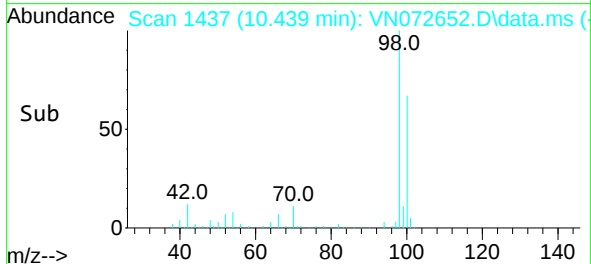
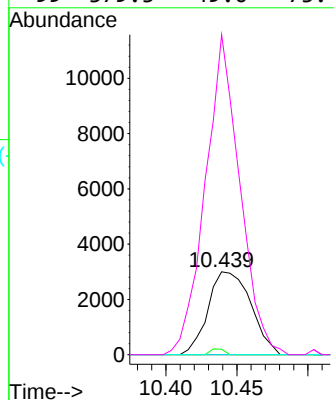
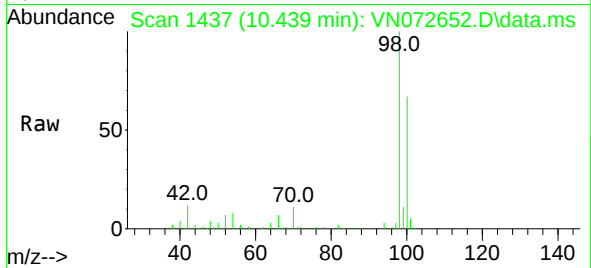




#50
1,1,2-Trichloroethane
Concen: 3.448 ug/l
RT: 10.439 min Scan# 14
Delta R.T. -0.453 min
Lab File: VN072652.D
Acq: 31 May 2022 14:18

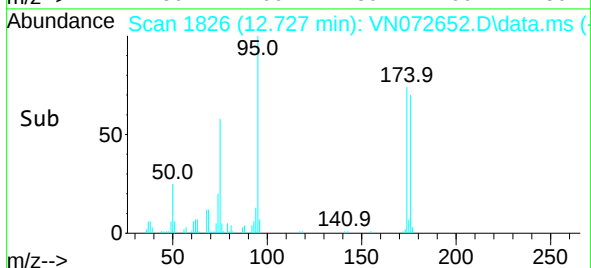
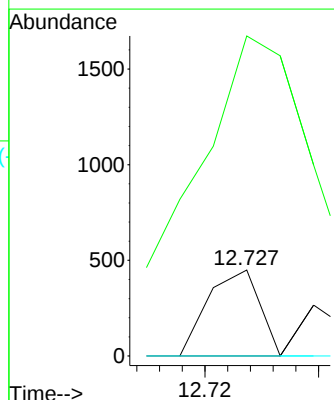
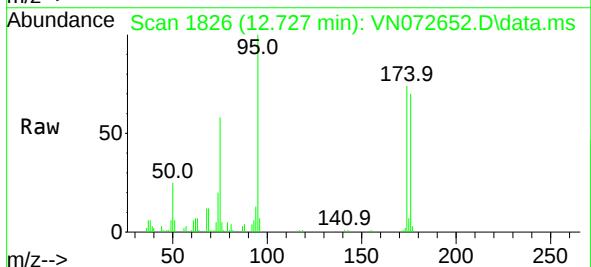
Instrument :
MSVOA_N
ClientSampleId :
WATER-DRUM

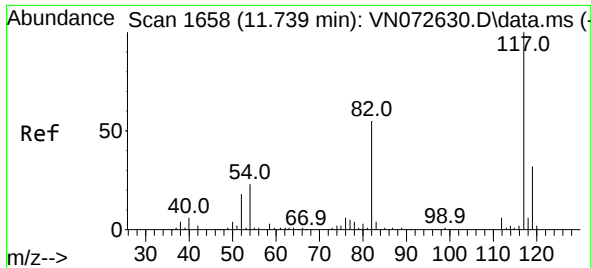
Tgt Ion: 97 Resp: 6292
Ion Ratio Lower Upper
97 100
83 6.6 67.2 100.8#
85 0.0 43.0 64.4#
99 379.3 49.0 73.4#



#56
Bromoform
Concen: 0.210 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.277 min
Lab File: VN072652.D
Acq: 31 May 2022 14:18

Tgt Ion:173 Resp: 285
Ion Ratio Lower Upper
173 100
175 907.0 38.6 58.0#
254 0.0 0.0 0.0

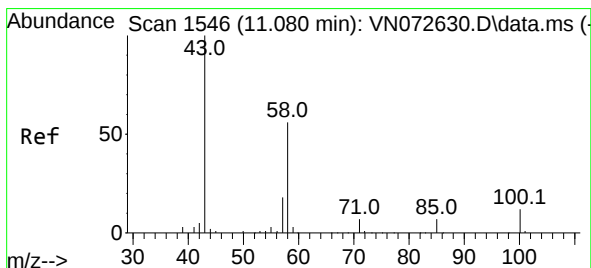
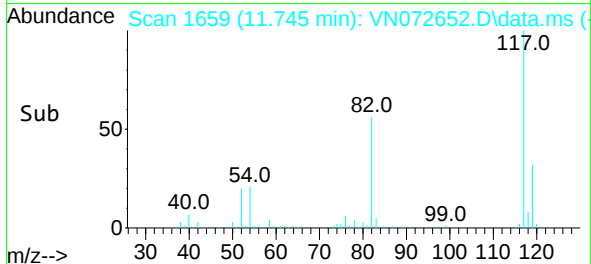
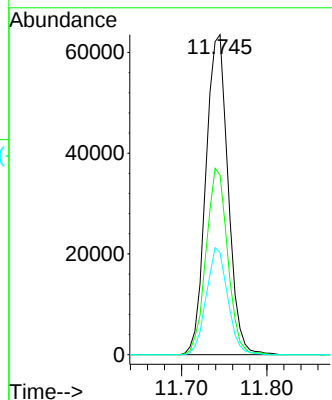
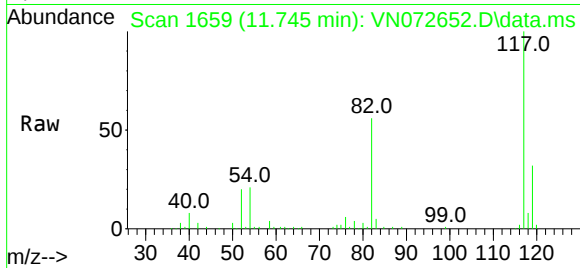




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072652.D
Acq: 31 May 2022 14:18

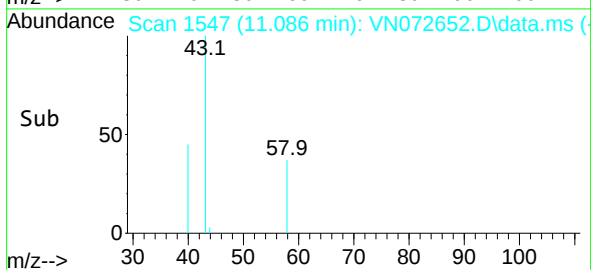
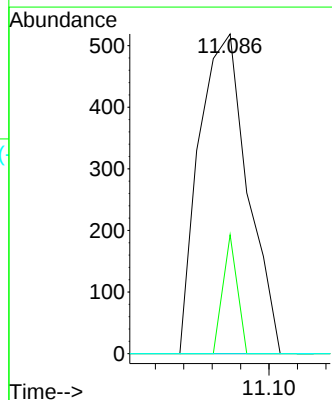
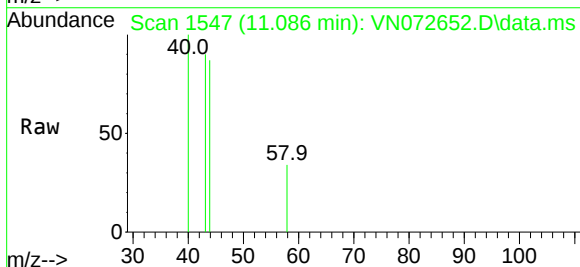
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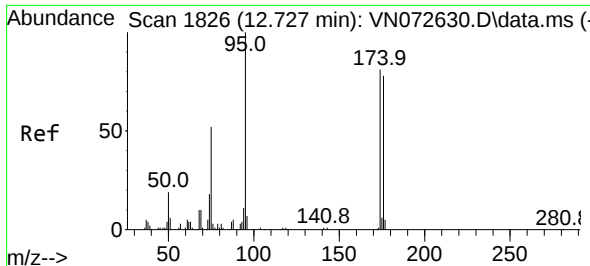
Tgt Ion:117 Resp: 114988
Ion Ratio Lower Upper
117 100
82 56.4 43.6 65.4
119 32.2 25.8 38.6



#59
2-Hexanone
Concen: 0.260 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN072652.D
Acq: 31 May 2022 14:18

Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
58 0.0 42.2 63.2#
57 0.0 15.0 22.4#

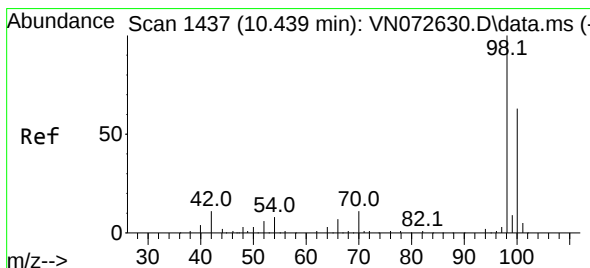
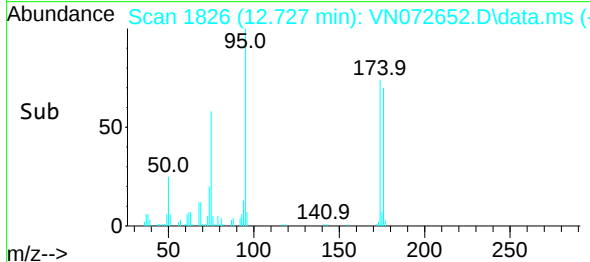
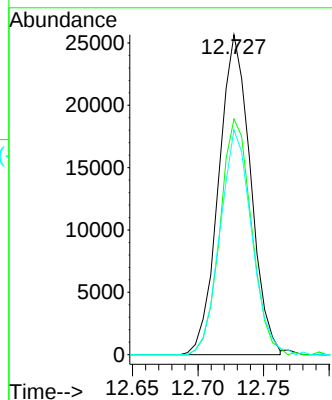
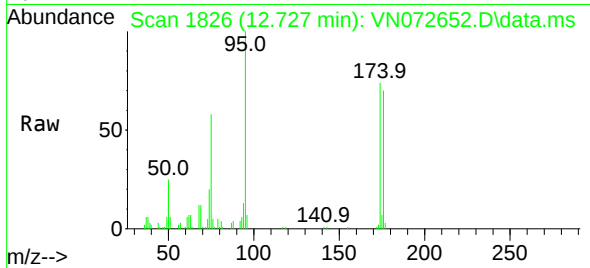




#60
4-Bromofluorobenzene
Concen: 21.430 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072652.D
Acq: 31 May 2022 14:18

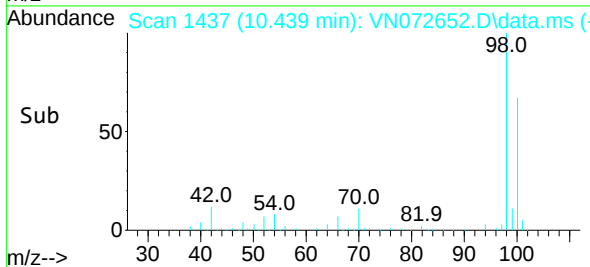
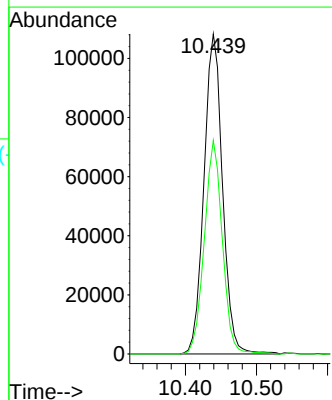
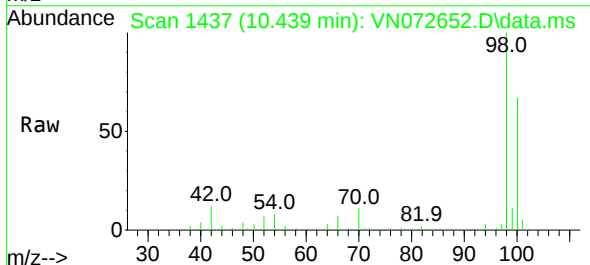
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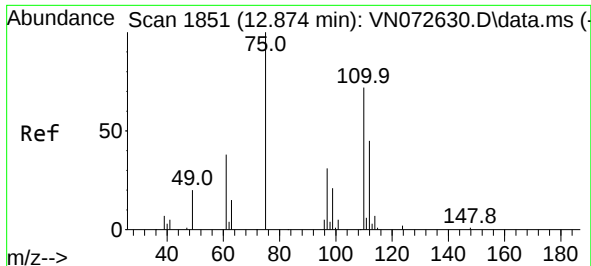
Tgt Ion: 95 Resp: 43276
Ion Ratio Lower Upper
95 100
174 72.7 62.9 94.3
176 70.0 61.0 91.4



#63
Toluene-d8
Concen: 30.113 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072652.D
Acq: 31 May 2022 14:18

Tgt Ion: 98 Resp: 196886
Ion Ratio Lower Upper
98 100
100 64.8 50.6 76.0

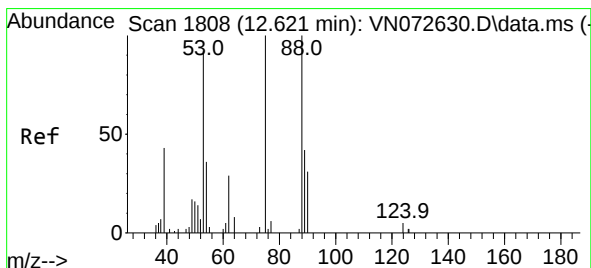
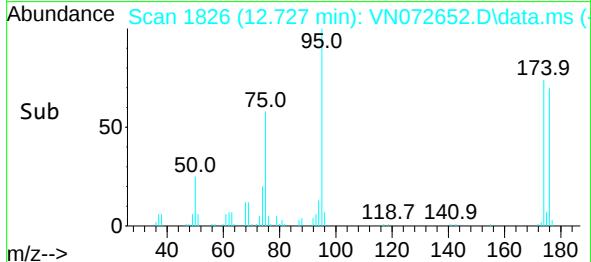
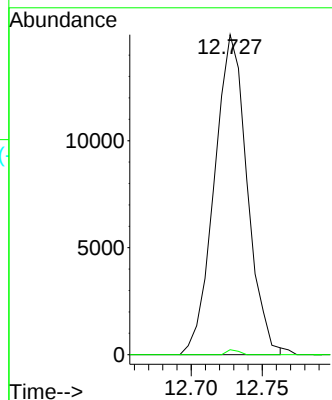
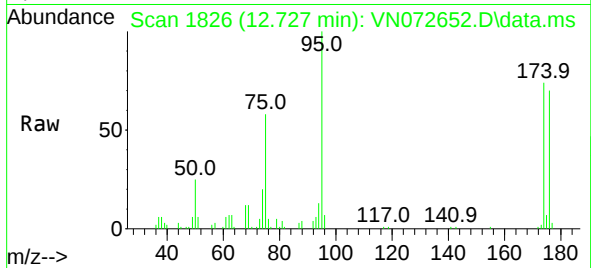




#72
1,2,3-Trichloropropane
Concen: 10.095 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072652.D
Acq: 31 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
WATER-DRUM

Tgt Ion: 75 Resp: 24059
Ion Ratio Lower Upper
75 100
77 0.6 0.0 378.0



#77
t-1,4-Dichloro-2-butene
Concen: 25.832 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072652.D
Acq: 31 May 2022 14:18

Tgt Ion: 75 Resp: 24059
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#

