

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072412.D
 Acq On : 11 May 2022 13:15
 Operator : JC\MD
 Sample : N2763-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20220509-A

Quant Time: May 12 02:11:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	215201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	403891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	445302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	184174	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	167573	50.839	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.680%
35) Dibromofluoromethane	8.016	113	130503	48.567	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.140%
50) Toluene-d8	10.439	98	510767	49.910	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.727	95	206657	60.805	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.620%

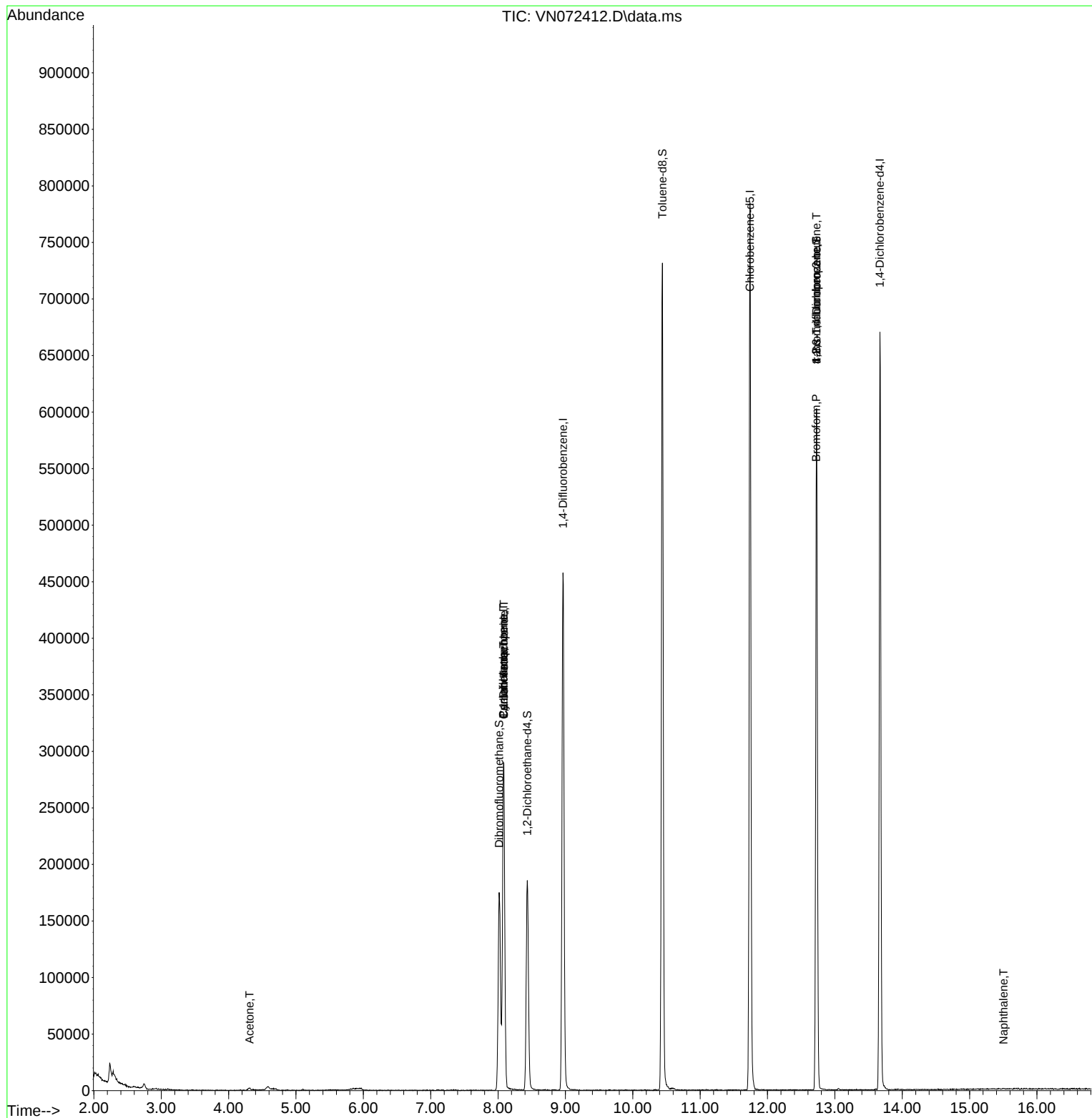
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.305	50	974	Below Cal	#	87
6) Chloroethane	2.999	64	370	Below Cal	#	42
16) Acetone	4.310	43	2461	1.885	ug/l #	77
31) Cyclohexane	8.081	56	5156	1.181	ug/l #	39
36) 1,1-Dichloropropene	8.081	75	17816	4.616	ug/l #	50
38) Carbon Tetrachloride	8.086	117	23665	5.479	ug/l #	15
71) Bromoform	12.721	173	758	0.282	ug/l #	28
76) 1,2,3-Trichloropropane	12.727	75	114206	23.775	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	114206	79.314	ug/l #	10
95) Naphthalene	15.504	128	522	3.232	ug/l #	69

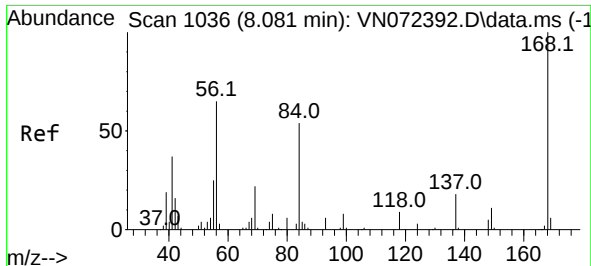
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
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MW-4-20220509-A

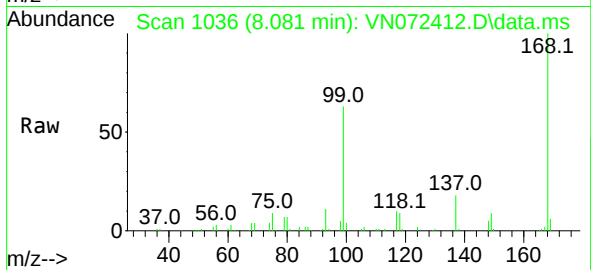
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration



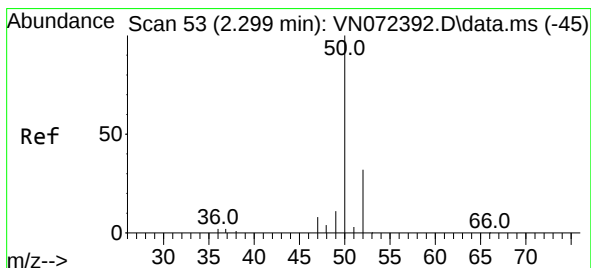
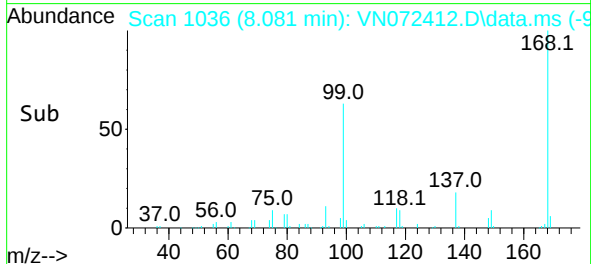
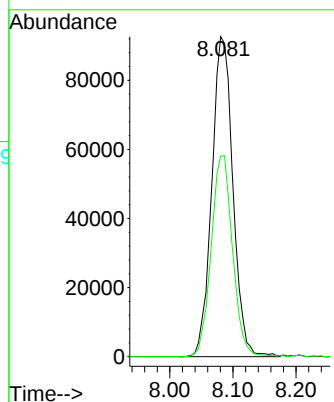


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN072412.D
Acq: 11 May 2022 13:15

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509-A

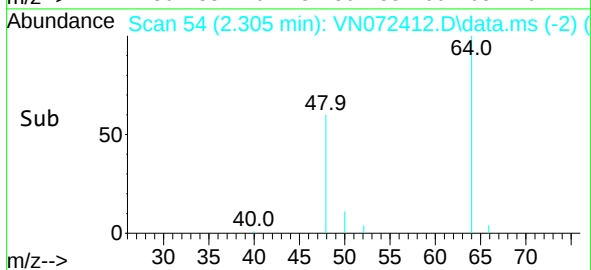
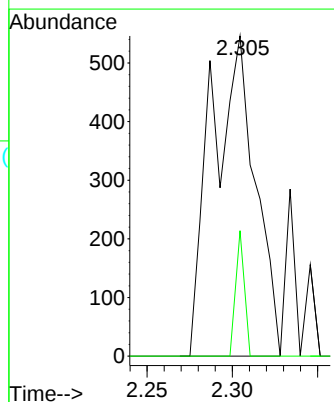
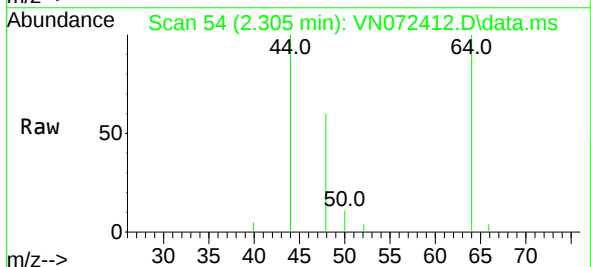


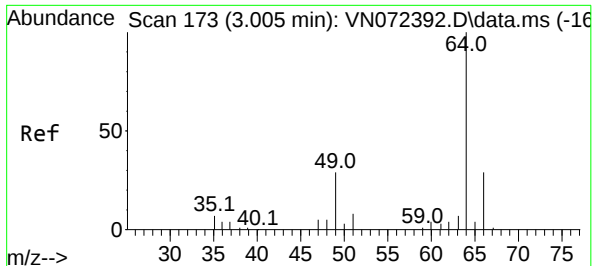
Tgt Ion:168 Resp: 215201
Ion Ratio Lower Upper
168 100
99 62.8 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072412.D
Acq: 11 May 2022 13:15

Tgt Ion: 50 Resp: 974
Ion Ratio Lower Upper
50 100
52 39.2 25.7 38.5#

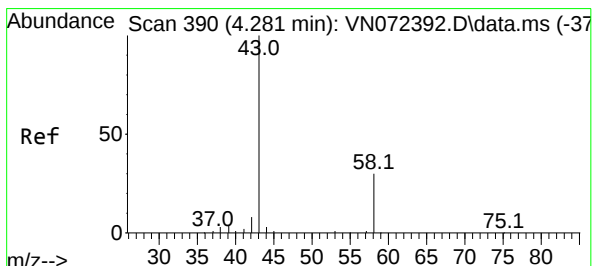
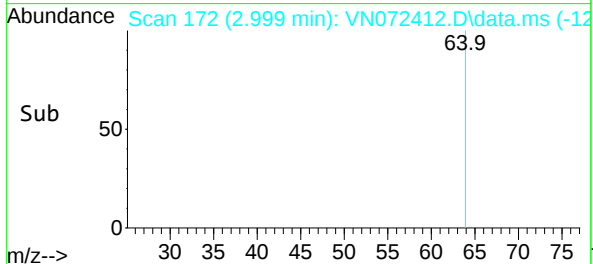
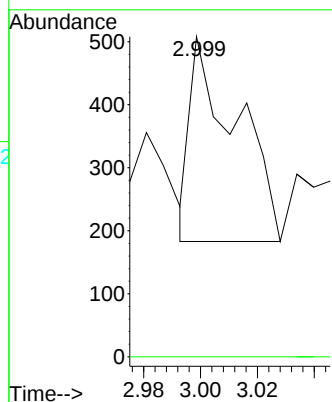
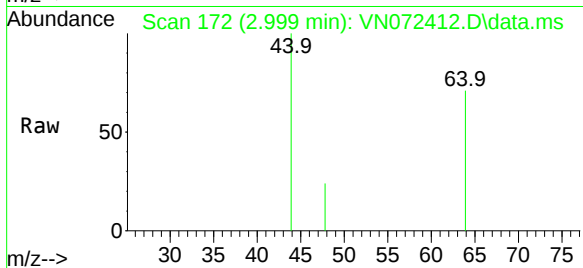




#6
Chloroethane
Concen: Below Cal
RT: 2.999 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072412.D
Acq: 11 May 2022 13:15

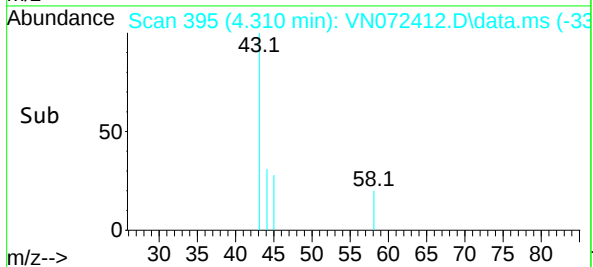
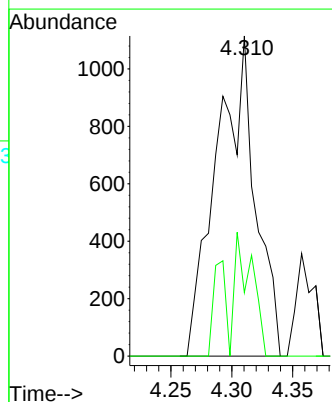
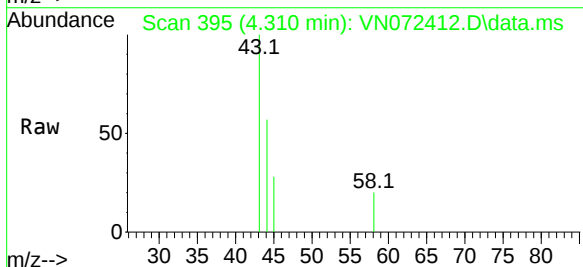
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509-A

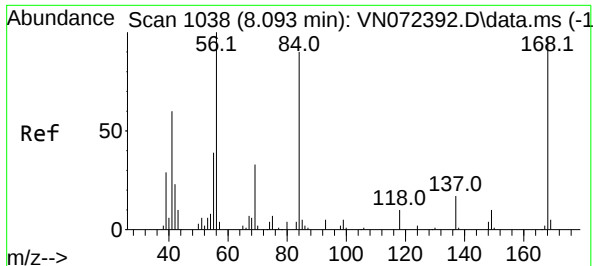
Tgt Ion: 64 Resp: 370
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 1.885 ug/l
RT: 4.310 min Scan# 395
Delta R.T. 0.029 min
Lab File: VN072412.D
Acq: 11 May 2022 13:15

Tgt Ion: 43 Resp: 2461
Ion Ratio Lower Upper
43 100
58 19.8 26.0 39.0#

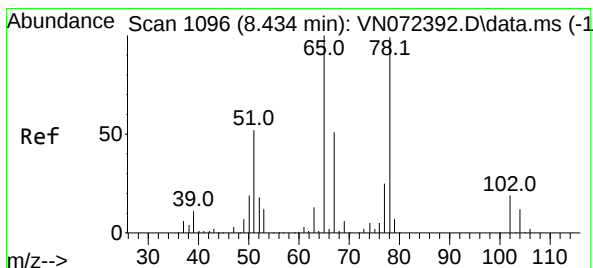
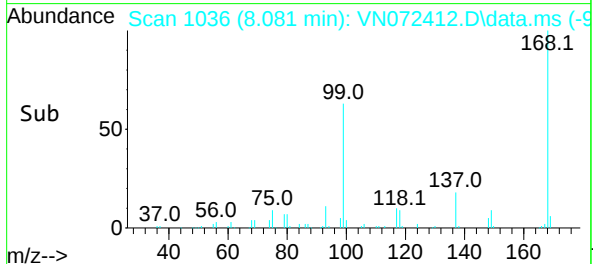
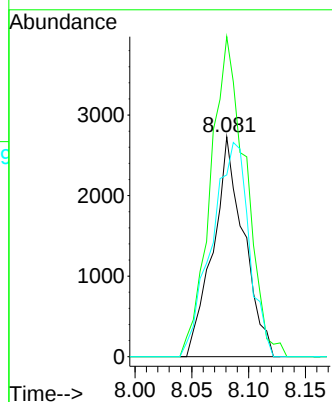
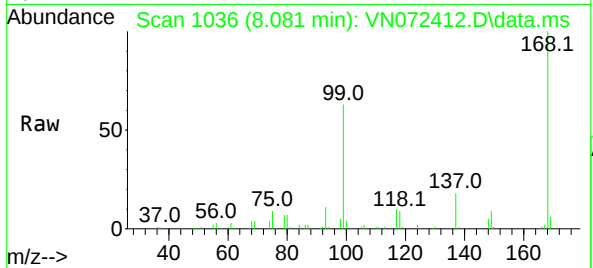




#31
Cyclohexane
Concen: 1.181 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN072412.D
Acq: 11 May 2022 13:15

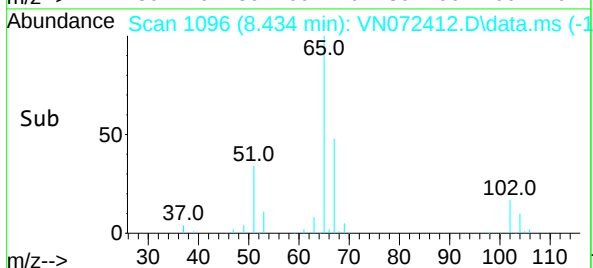
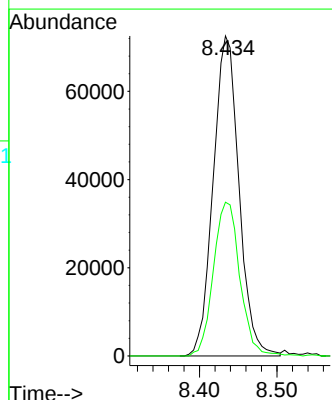
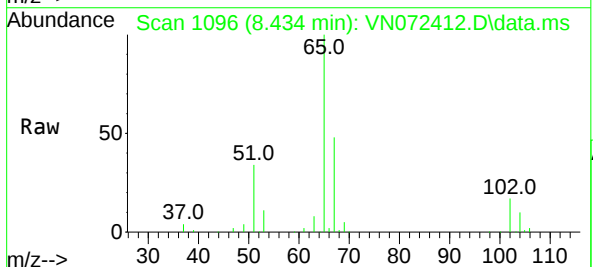
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509-A

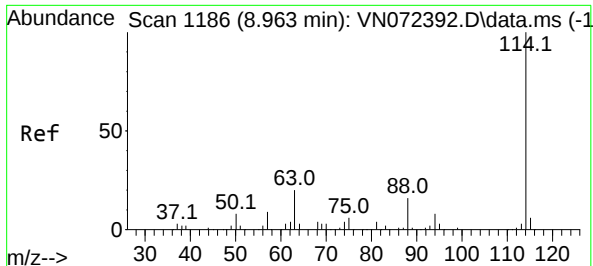
Tgt Ion: 56 Resp: 5156
Ion Ratio Lower Upper
56 100
69 145.5 27.8 41.8#
84 82.7 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 50.839 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072412.D
Acq: 11 May 2022 13:15

Tgt Ion: 65 Resp: 167573
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072412.D

Acq: 11 May 2022 13:15

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20220509-A

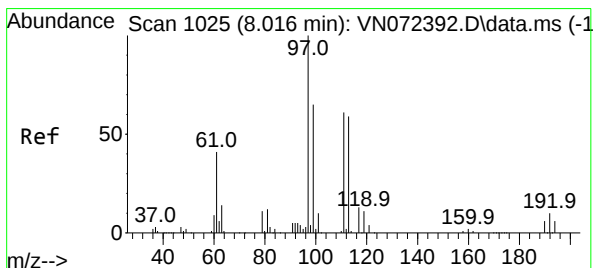
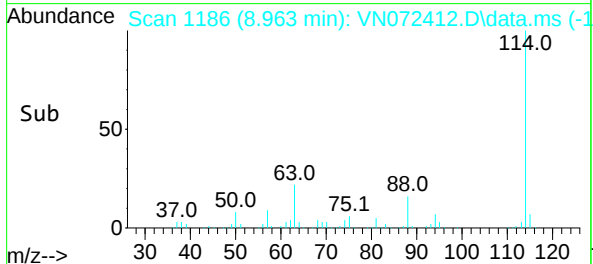
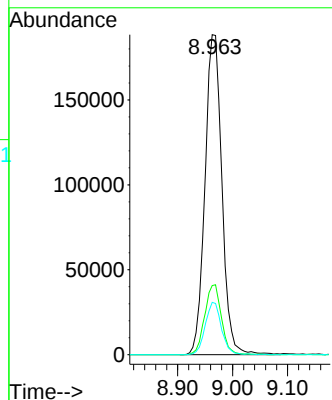
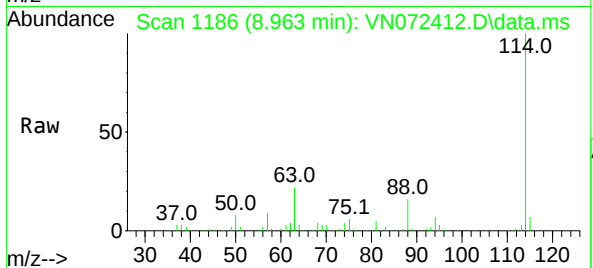
Tgt Ion:114 Resp: 403891

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.567 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072412.D

Acq: 11 May 2022 13:15

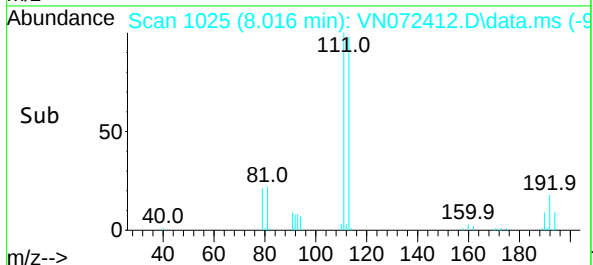
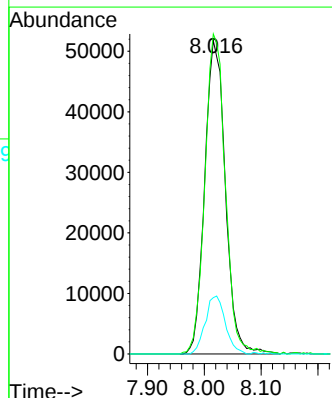
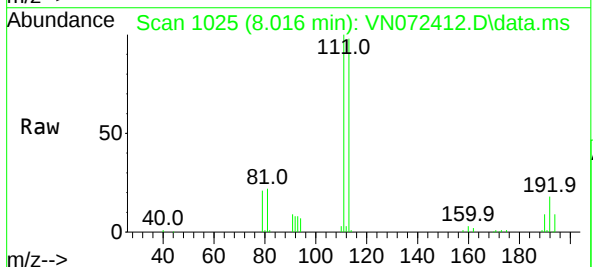
Tgt Ion:113 Resp: 130503

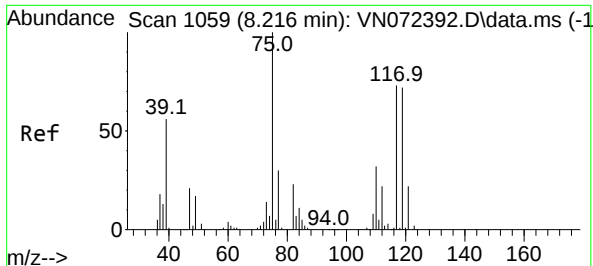
Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

192 18.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.616 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072412.D

Acq: 11 May 2022 13:15

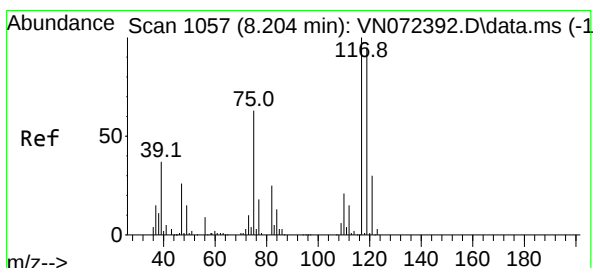
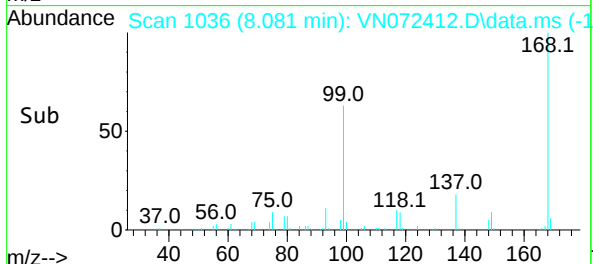
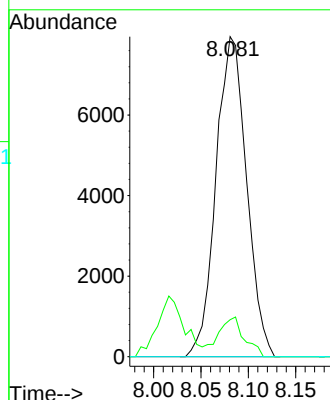
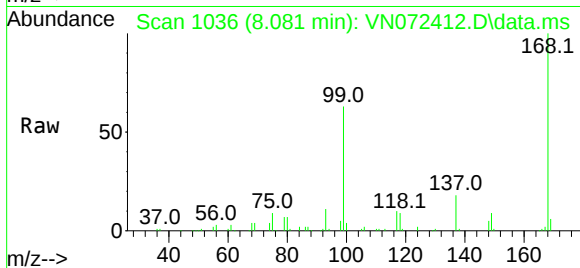
Instrument :

MSVOA_N

ClientSampleId :

MW-4-20220509-A

Tgt Ion: 75	Resp: 17816
Ion Ratio	Lower Upper
75	100
110	10.6 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.479 ug/l

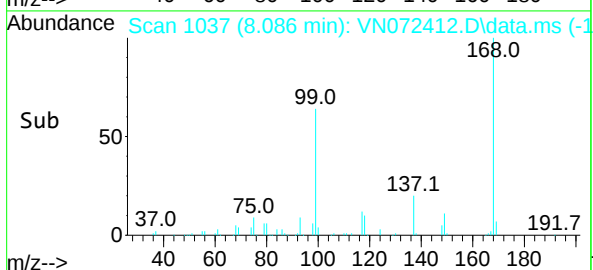
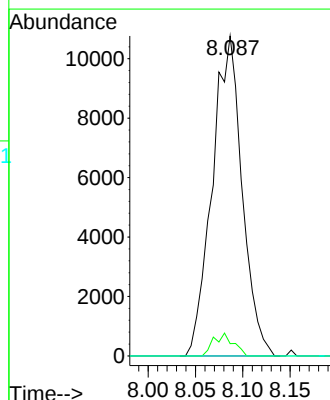
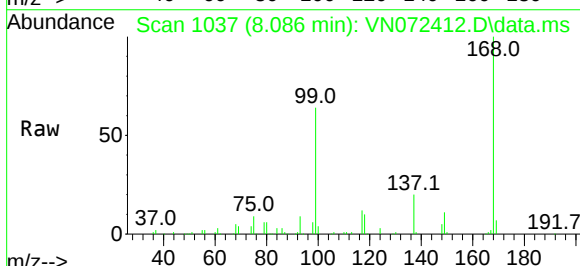
RT: 8.086 min Scan# 1037

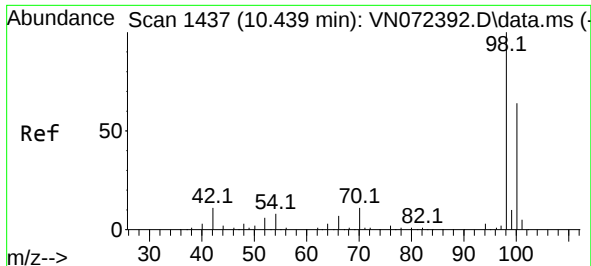
Delta R.T. -0.118 min

Lab File: VN072412.D

Acq: 11 May 2022 13:15

Tgt Ion: 117	Resp: 23665
Ion Ratio	Lower Upper
117	100
119	3.9 75.8 113.8#
121	0.0 24.6 37.0#

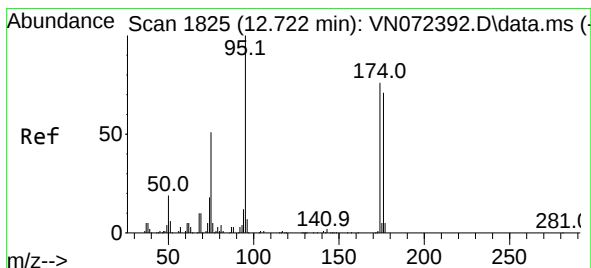
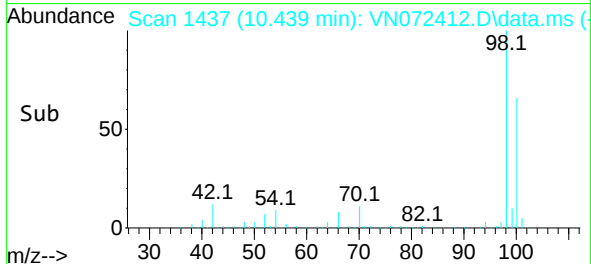
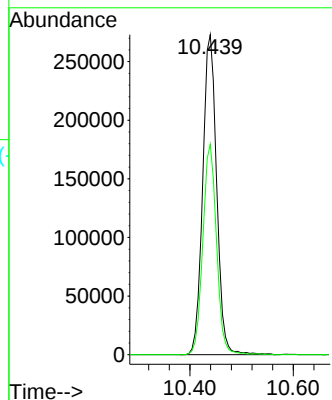
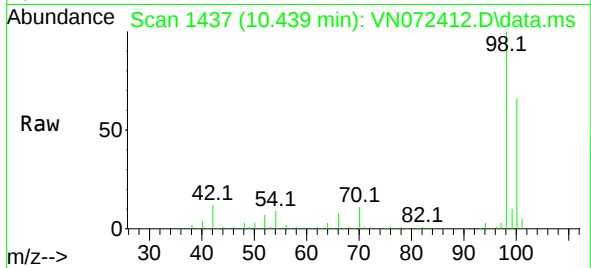




#50
Toluene-d8
Concen: 49.910 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072412.D
Acq: 11 May 2022 13:15

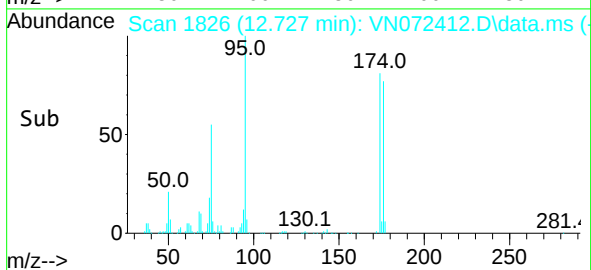
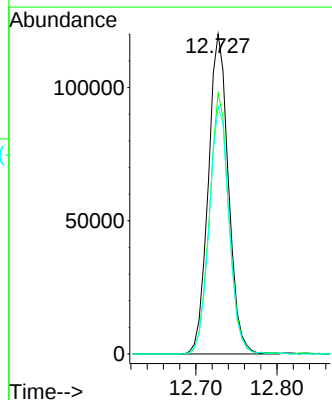
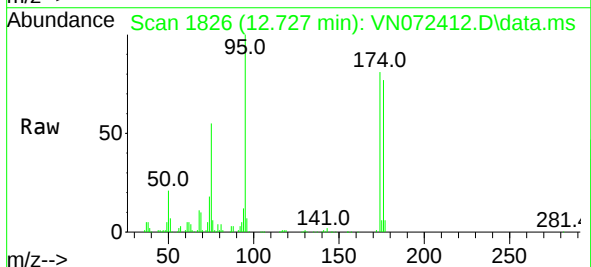
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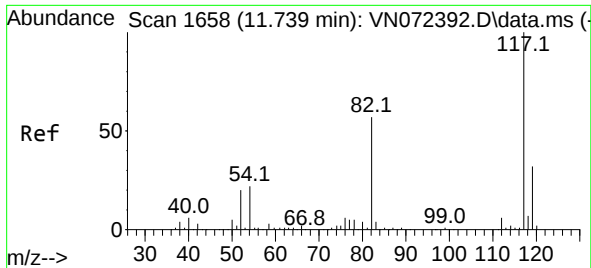
Tgt Ion: 98 Resp: 510767
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 60.805 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072412.D
Acq: 11 May 2022 13:15

Tgt Ion: 95 Resp: 206657
Ion Ratio Lower Upper
95 100
174 78.9 0.0 167.6
176 76.3 0.0 163.4

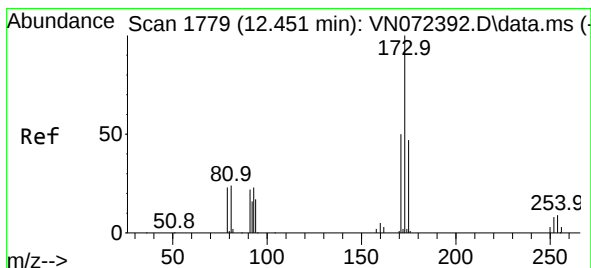
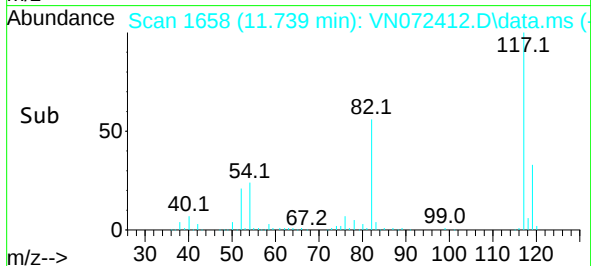
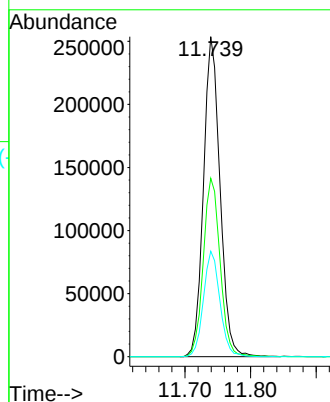
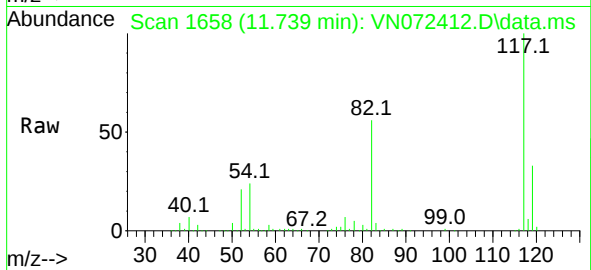




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072412.D
Acq: 11 May 2022 13:15

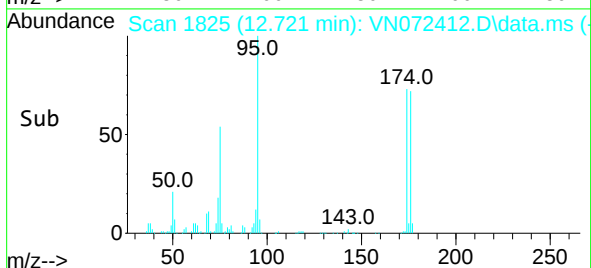
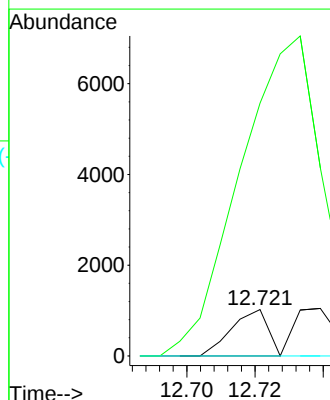
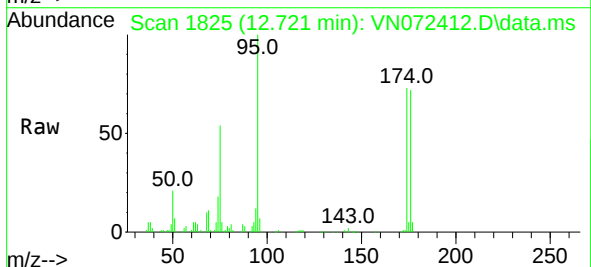
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509-A

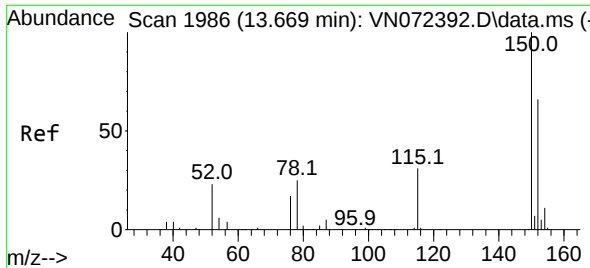
Tgt Ion:117 Resp: 445302
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 33.0 25.4 38.0



#71
Bromoform
Concen: 0.282 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN072412.D
Acq: 11 May 2022 13:15

Tgt Ion:173 Resp: 758
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

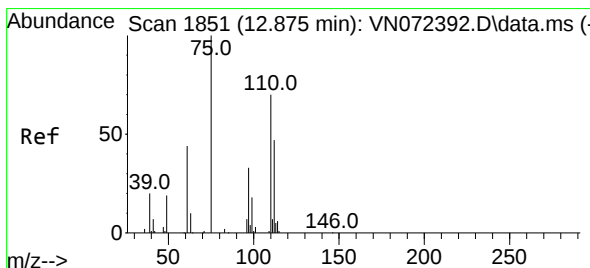
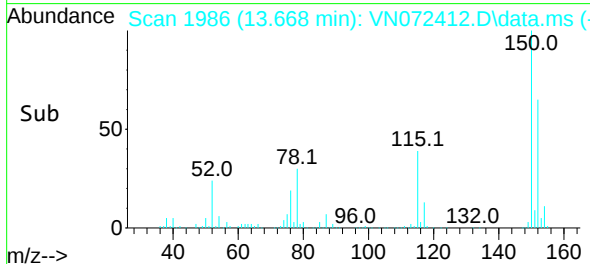
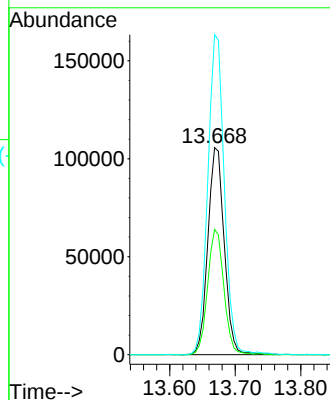
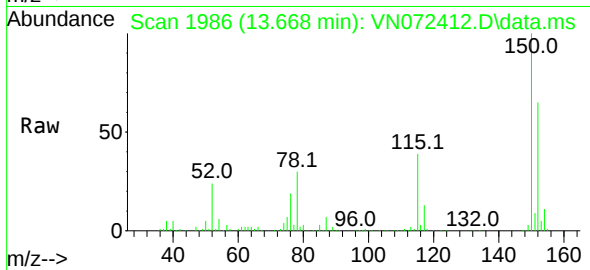




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072412.D
 Acq: 11 May 2022 13:15

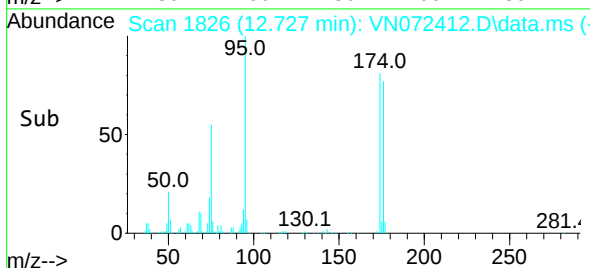
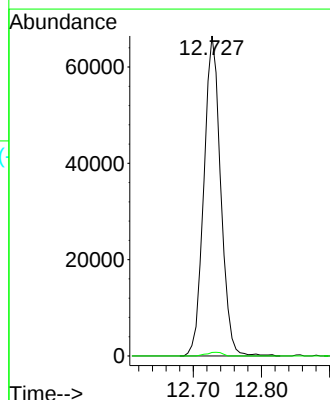
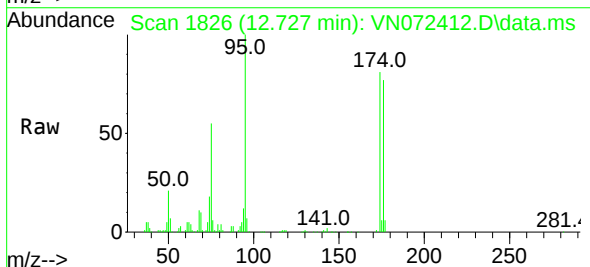
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20220509-A

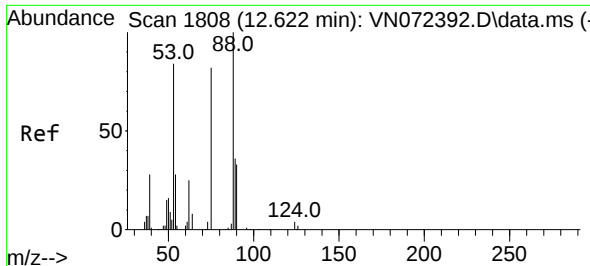
Tgt Ion:152 Resp: 184174
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.9 86.7
 150 155.7 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 23.775 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.148 min
 Lab File: VN072412.D
 Acq: 11 May 2022 13:15

Tgt Ion: 75 Resp: 114206
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.5 295.5#

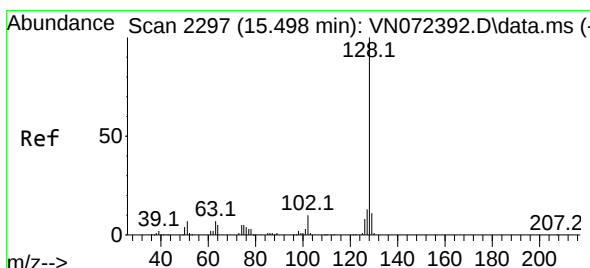
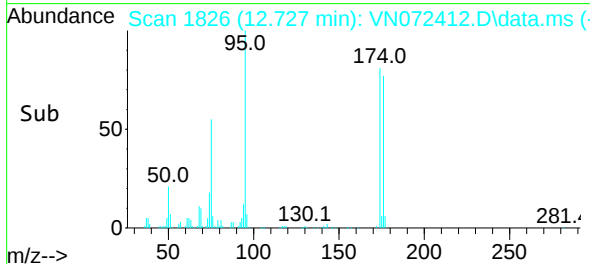
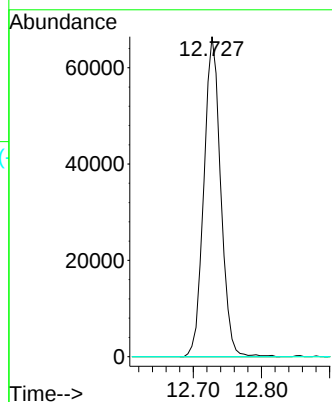
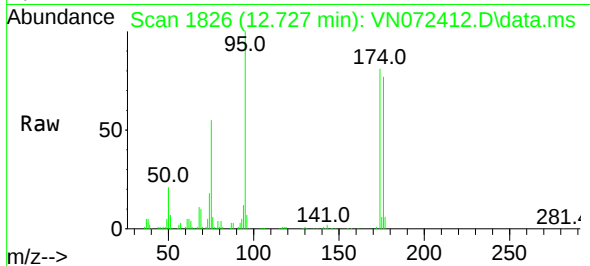




#81
trans-1,4-Dichloro-2-butene
Concen: 79.314 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.105 min
Lab File: VN072412.D
Acq: 11 May 2022 13:15

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20220509-A

Tgt Ion: 75 Resp: 114206
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.232 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072412.D
Acq: 11 May 2022 13:15

Tgt Ion:128 Resp: 522
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

