

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072132.D
 Acq On : 21 Apr 2022 17:57
 Operator : JC\MD
 Sample : N2481-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13R

Quant Time: Apr 22 01:25:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

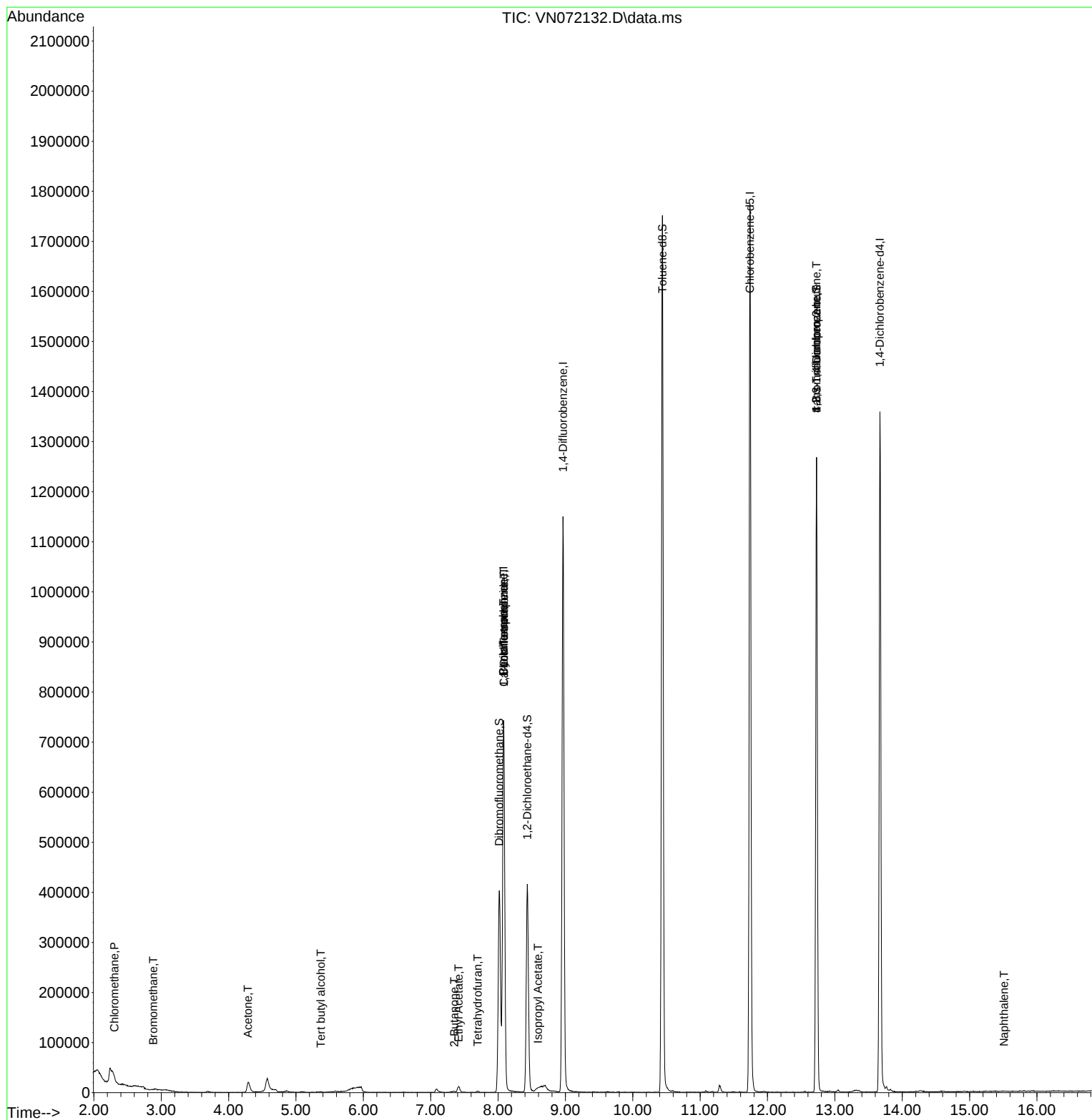
Internal Standards						
1) Pentafluorobenzene	8.080	168	634853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1081269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1095109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	414478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	337805	46.609	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.220%
35) Dibromofluoromethane	8.016	113	307932	48.397	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.800%
50) Toluene-d8	10.439	98	1294371	49.730	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.727	95	447170	53.121	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.240%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	1867	0.292	ug/l #	86
5) Bromomethane	2.881	94	930	0.204	ug/l #	56
11) Tert butyl alcohol	5.369	59	1924	1.636	ug/l #	72
16) Acetone	4.287	43	36348	11.735	ug/l	91
18) Methyl Acetate	4.857	43	5739	Below Cal	#	77
25) 2-Butanone	7.351	43	3734	0.836	ug/l #	87
29) Tetrahydrofuran	7.698	42	1574	0.544	ug/l #	80
31) Cyclohexane	8.080	56	9816	0.996	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	41381	4.657	ug/l #	49
37) Ethyl Acetate	7.416	43	17532	1.803	ug/l	97
38) Carbon Tetrachloride	8.086	117	55465	6.369	ug/l #	17
43) Isopropyl Acetate	8.592	43	9455	0.585	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	211361	22.013	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	211361	68.217	ug/l #	10
95) Naphthalene	15.509	128	1030	3.853	ug/l #	69

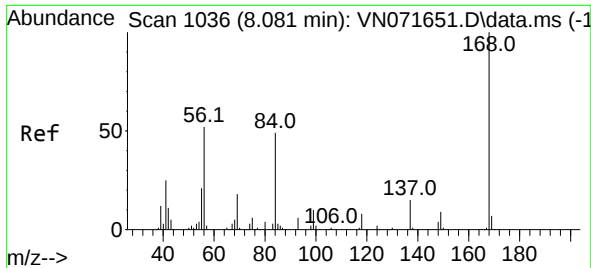
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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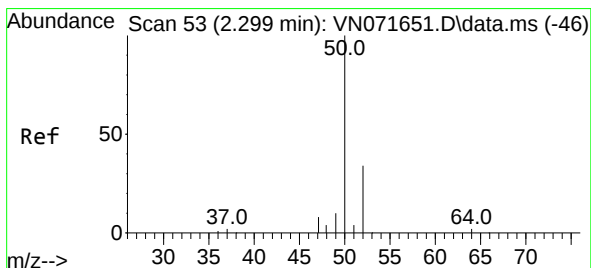
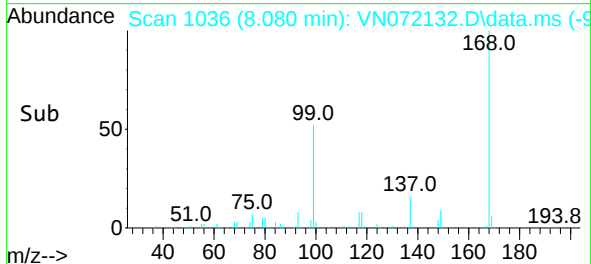
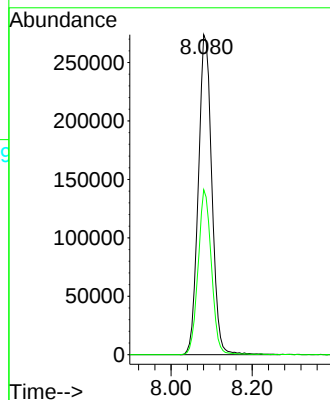
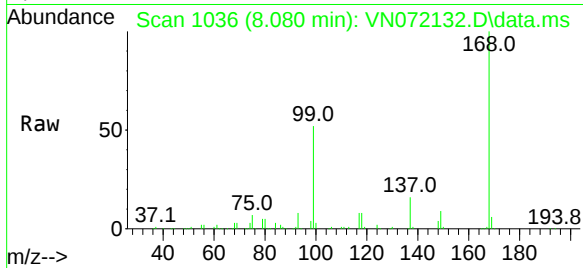




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

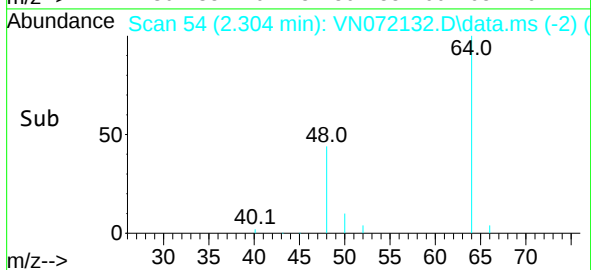
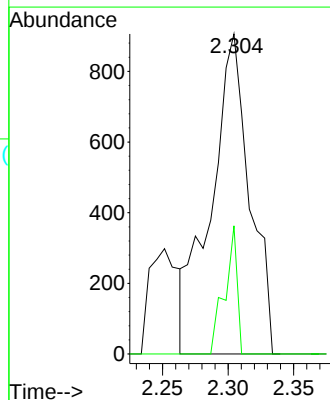
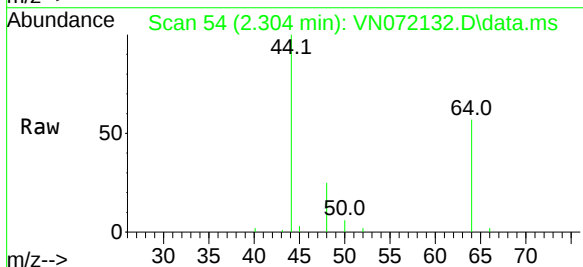
Instrument :
MSVOA_N
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MW-13R

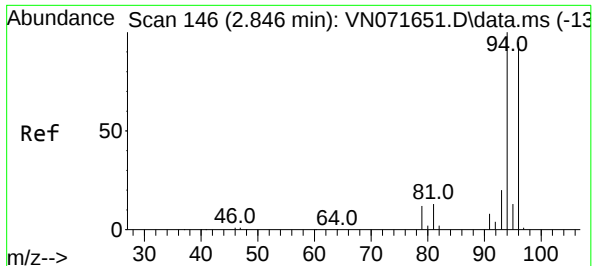
Tgt Ion:168 Resp: 634853
Ion Ratio Lower Upper
168 100
99 51.6 42.3 63.5



#3
Chloromethane
Concen: 0.292 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

Tgt Ion: 50 Resp: 1867
Ion Ratio Lower Upper
50 100
52 40.1 25.7 38.5#

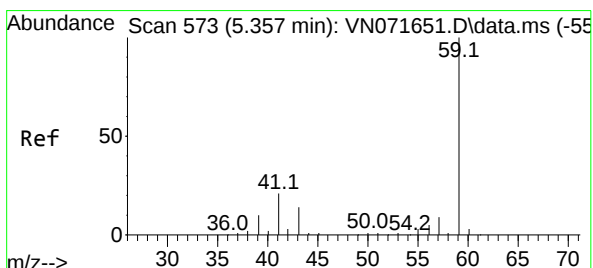
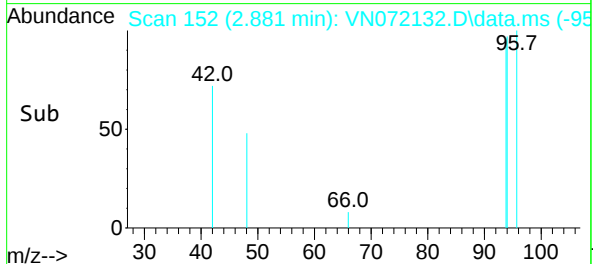
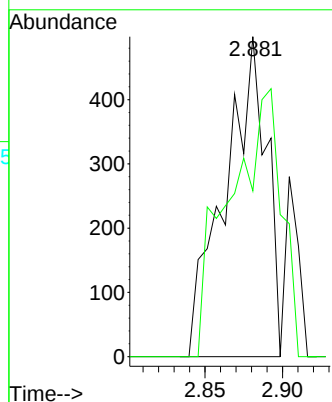
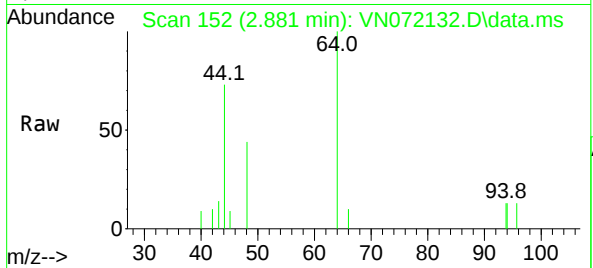




#5
Bromomethane
Concen: 0.204 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

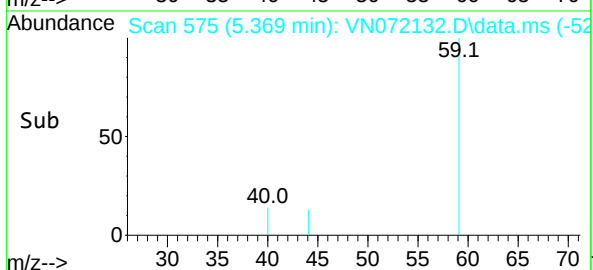
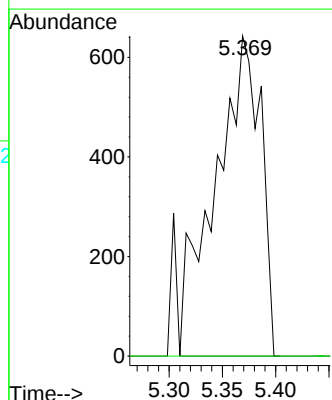
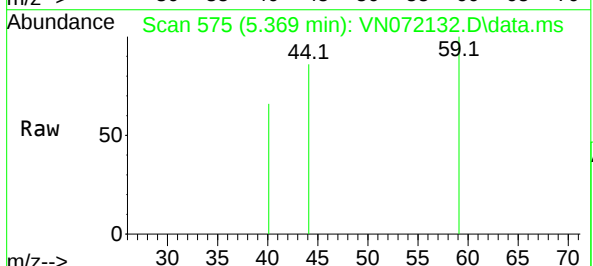
Instrument :
MSVOA_N
ClientSampleId :
MW-13R

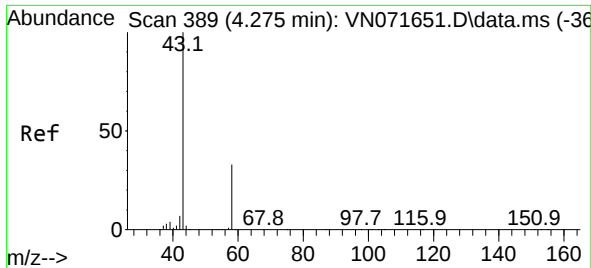
Tgt Ion: 94 Resp: 930
Ion Ratio Lower Upper
94 100
96 51.8 76.0 114.0#



#11
Tert butyl alcohol
Concen: 1.636 ug/l
RT: 5.369 min Scan# 575
Delta R.T. 0.012 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

Tgt Ion: 59 Resp: 1924
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

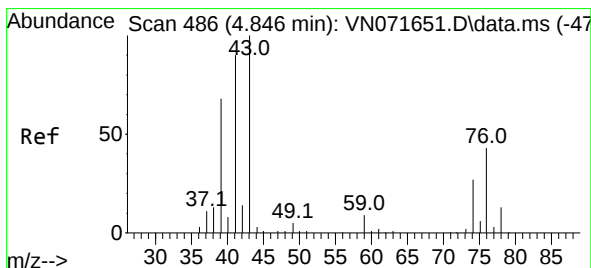
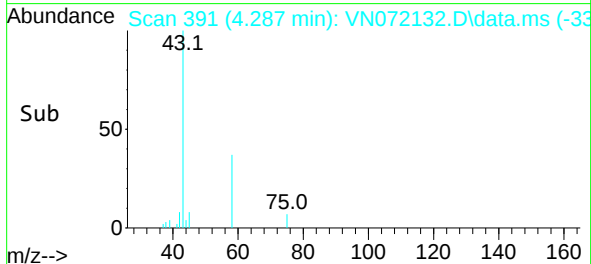
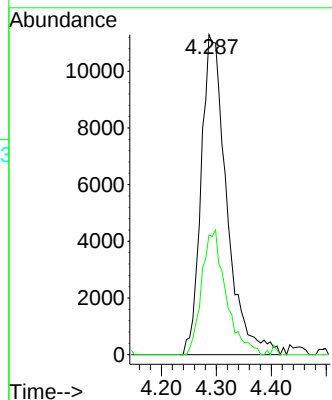
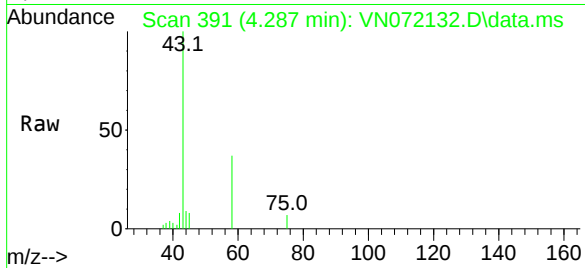




#16
Acetone
Concen: 11.735 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

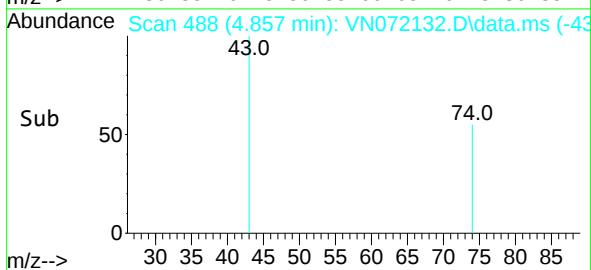
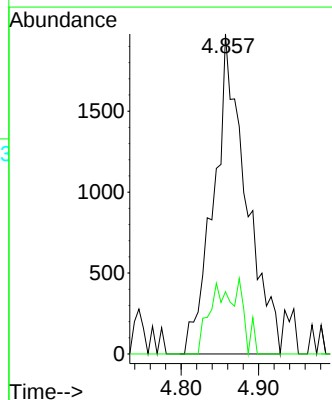
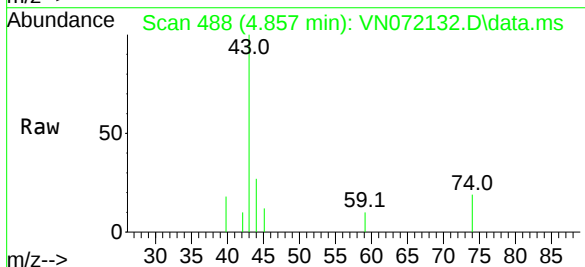
Instrument :
MSVOA_N
ClientSampleId :
MW-13R

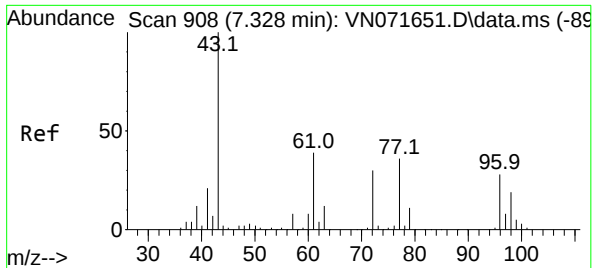
Tgt Ion: 43 Resp: 36348
Ion Ratio Lower Upper
43 100
58 37.4 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

Tgt Ion: 43 Resp: 5739
Ion Ratio Lower Upper
43 100
74 15.3 21.6 32.4#

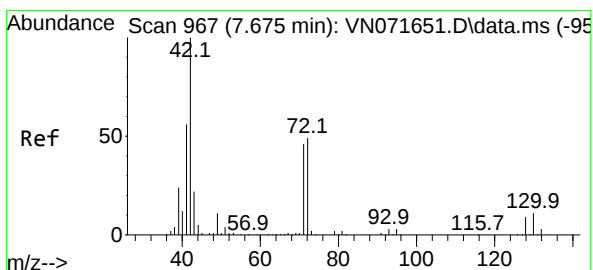
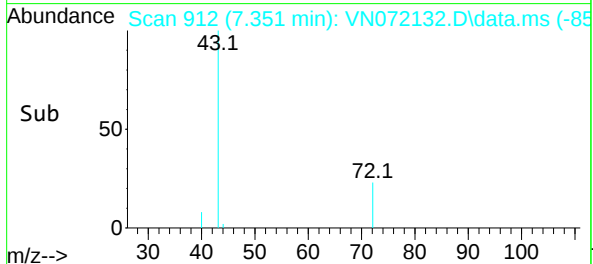
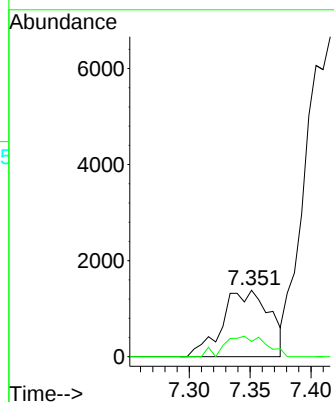
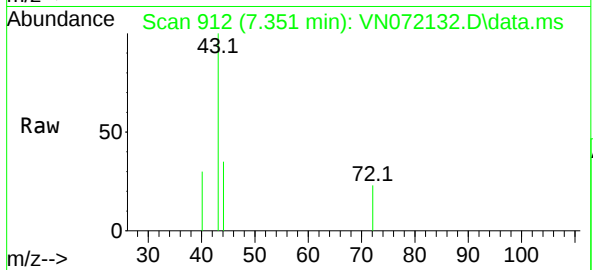




#25
2-Butanone
Concen: 0.836 ug/l
RT: 7.351 min Scan# 912
Delta R.T. 0.023 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

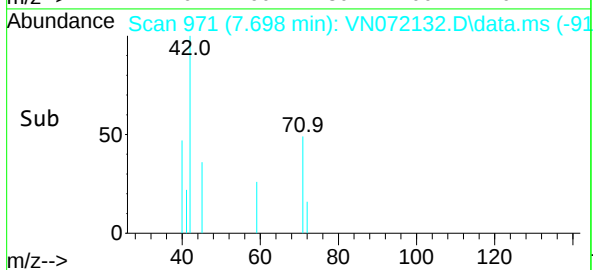
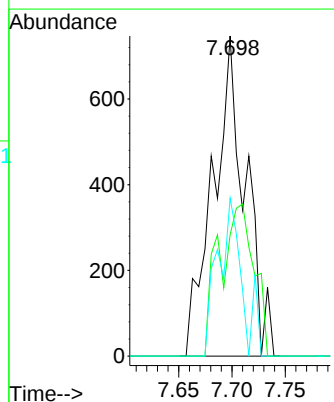
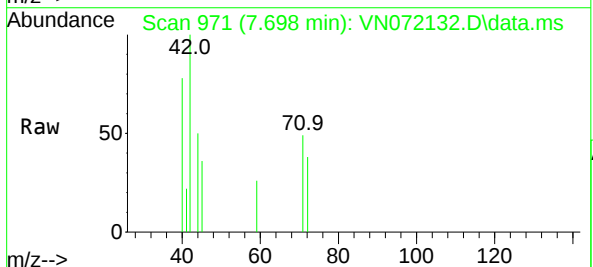
Instrument :
MSVOA_N
ClientSampleId :
MW-13R

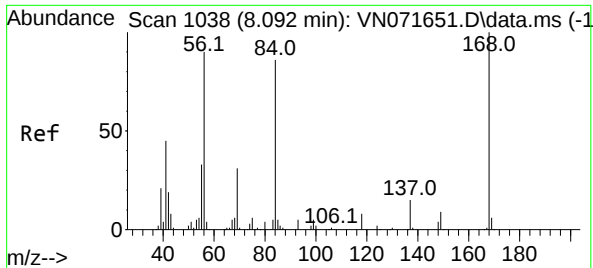
Tgt Ion: 43 Resp: 3734
Ion Ratio Lower Upper
43 100
72 22.8 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.544 ug/l
RT: 7.698 min Scan# 971
Delta R.T. 0.023 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

Tgt Ion: 42 Resp: 1574
Ion Ratio Lower Upper
42 100
72 36.3 39.7 59.5#
71 32.3 36.6 55.0#

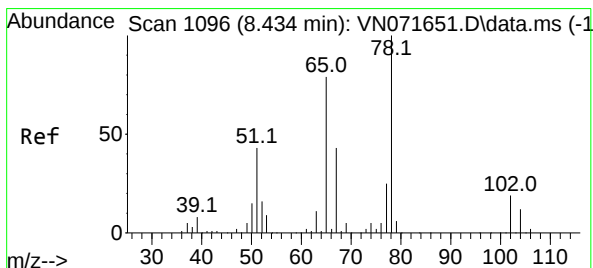
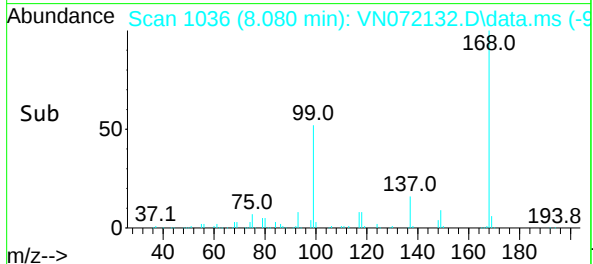
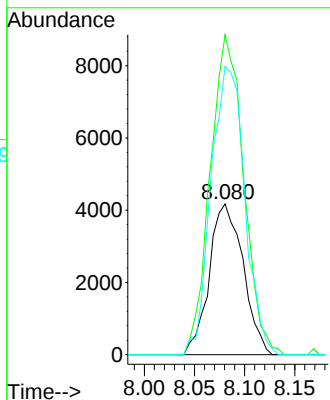
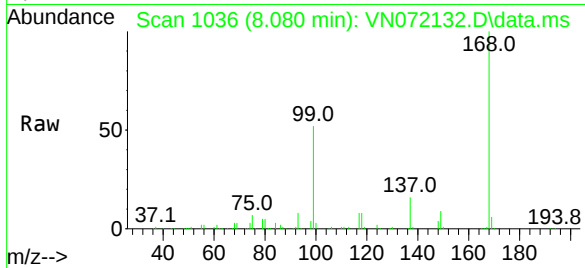




#31
Cyclohexane
Concen: 0.996 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

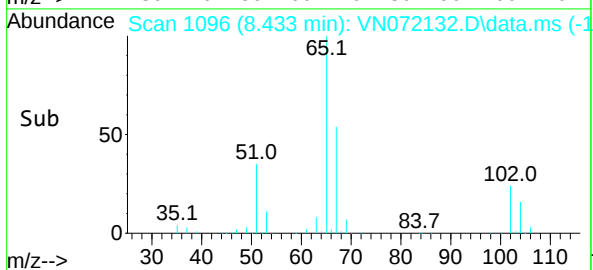
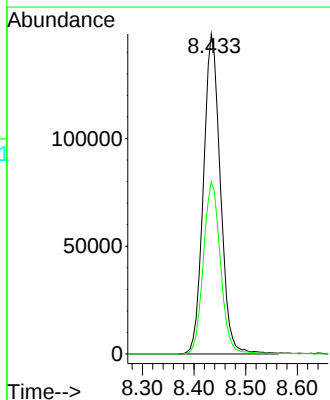
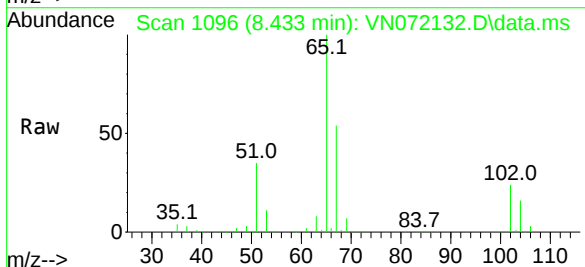
Instrument :
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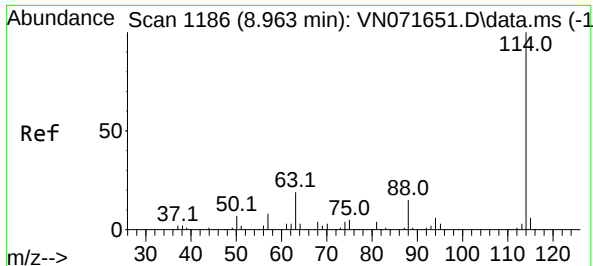
Tgt Ion: 56 Resp: 9816
Ion Ratio Lower Upper
56 100
69 212.3 27.8 41.8#
84 191.3 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 46.609 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

Tgt Ion: 65 Resp: 337805
Ion Ratio Lower Upper
65 100
67 54.3 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: VN072132.D

Acq: 21 Apr 2022 17:57

Instrument :

MSVOA_N

ClientSampleId :

MW-13R

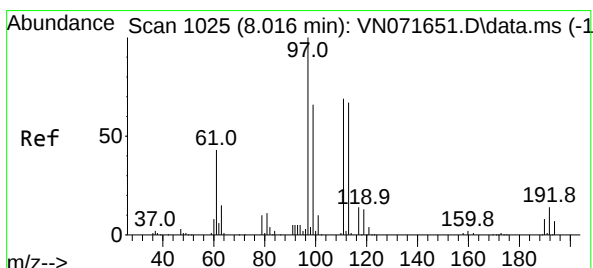
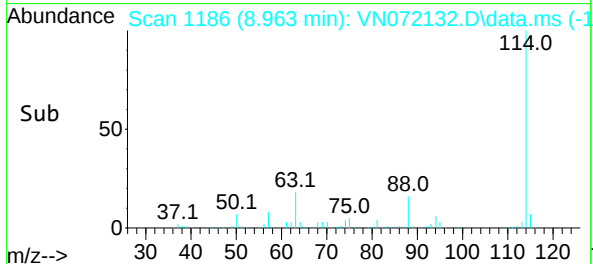
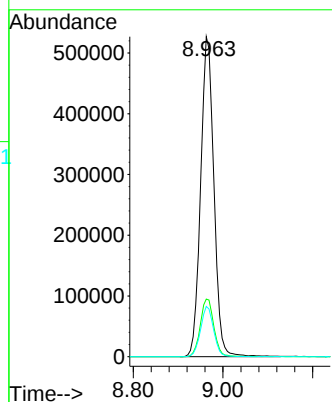
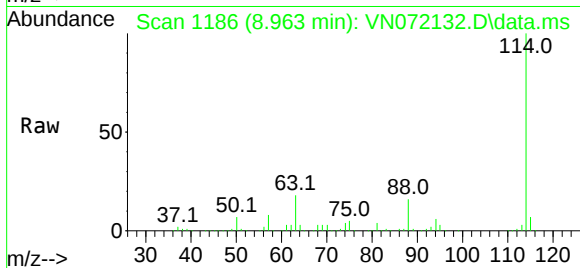
Tgt Ion:114 Resp: 1081269

Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.397 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072132.D

Acq: 21 Apr 2022 17:57

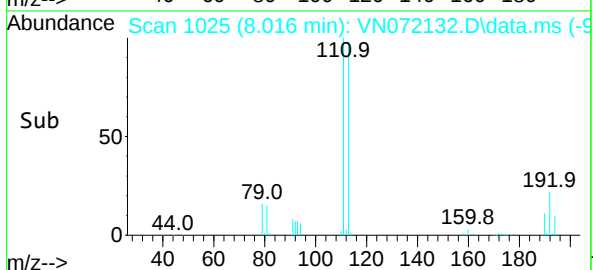
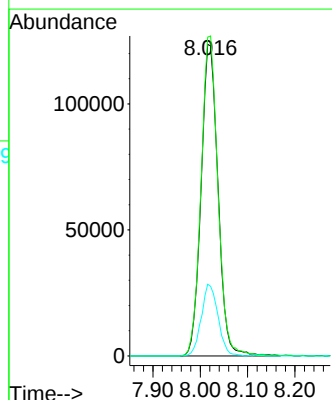
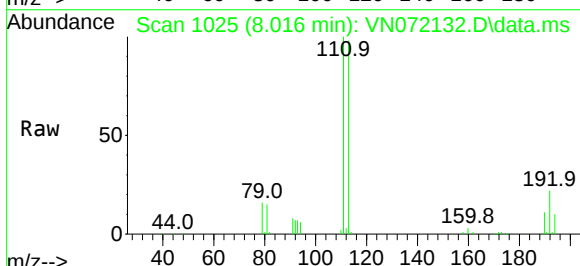
Tgt Ion:113 Resp: 307932

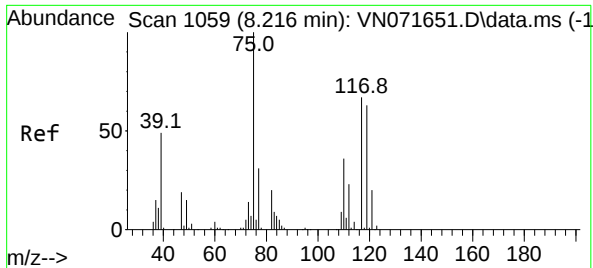
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 22.6 17.0 25.6

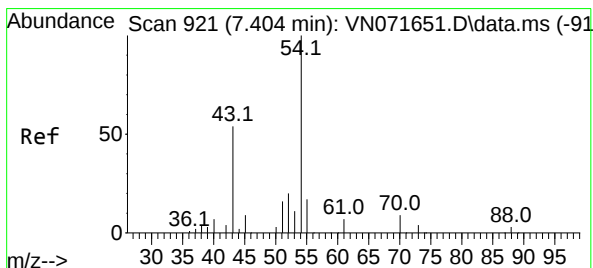
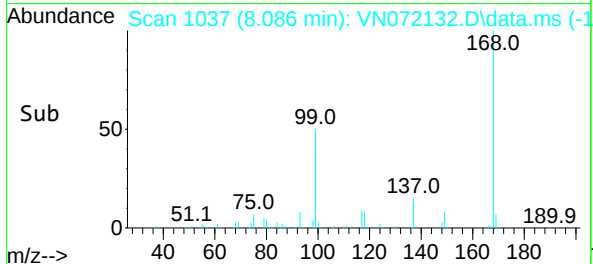
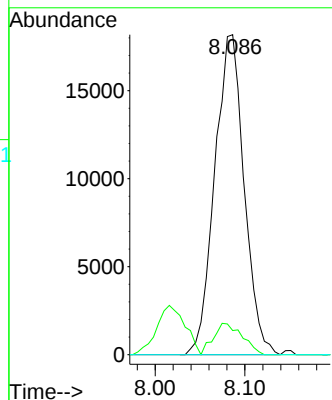
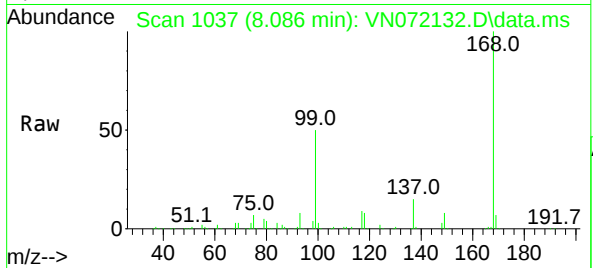




#36
1,1-Dichloropropene
Concen: 4.657 ug/l
RT: 8.086 min Scan# 1059
Delta R.T. -0.130 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

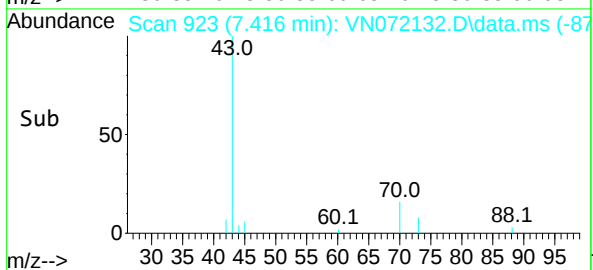
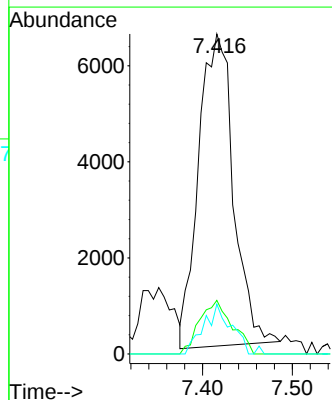
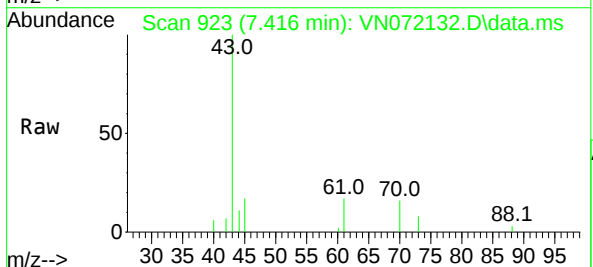
Instrument :
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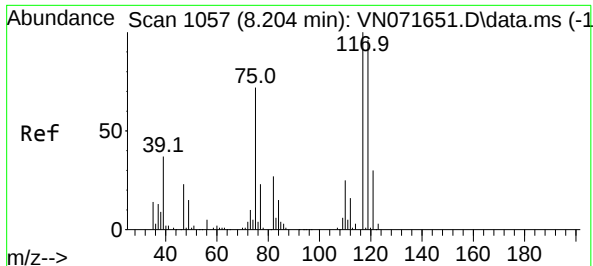
Tgt Ion: 75 Resp: 41381
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 1.803 ug/l
RT: 7.416 min Scan# 923
Delta R.T. 0.012 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

Tgt Ion: 43 Resp: 17532
Ion Ratio Lower Upper
43 100
61 16.1 11.8 17.6
70 12.5 9.3 13.9

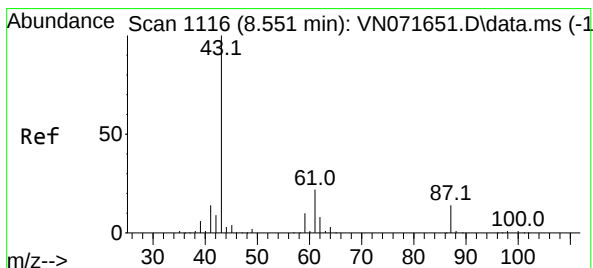
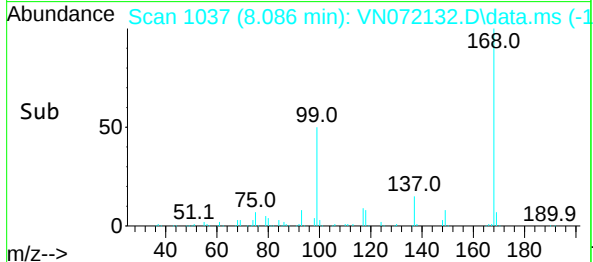
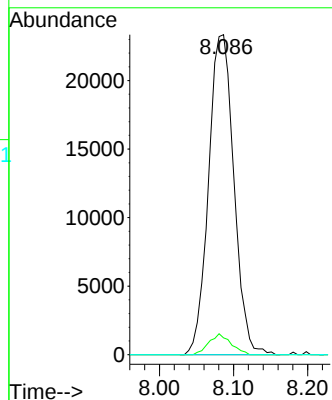
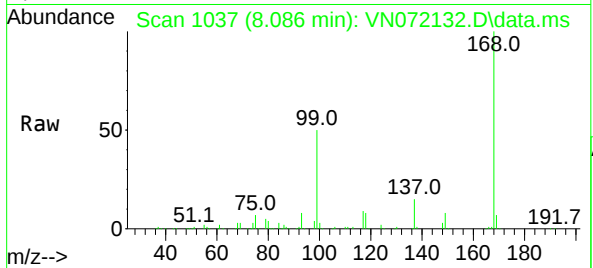




#38
Carbon Tetrachloride
Concen: 6.369 ug/l
RT: 8.086 min Scan# 1112
Delta R.T. -0.118 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

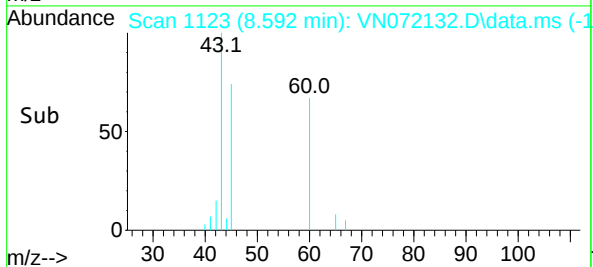
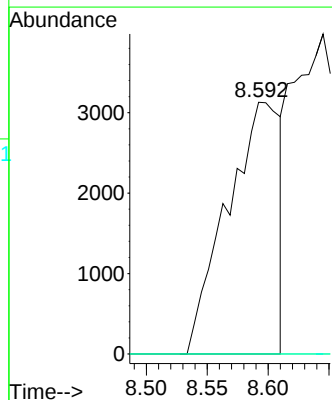
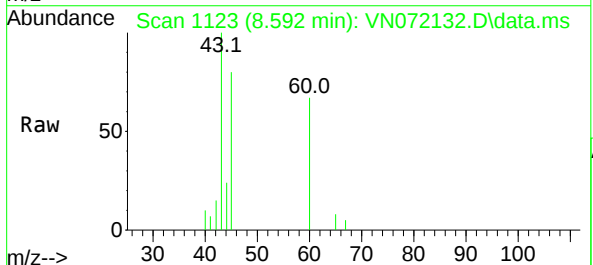
Instrument :
MSVOA_N
ClientSampleId :
MW-13R

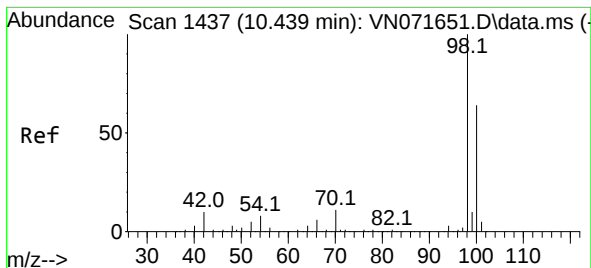
Tgt Ion:117 Resp: 55465
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.585 ug/l
RT: 8.592 min Scan# 1123
Delta R.T. 0.041 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

Tgt Ion: 43 Resp: 9455
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#





#50

Toluene-d8

Concen: 49.730 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072132.D

Acq: 21 Apr 2022 17:57

Instrument :

MSVOA_N

ClientSampleId :

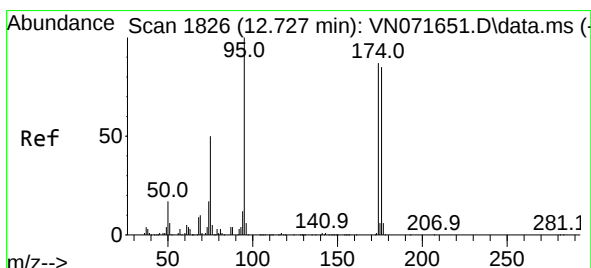
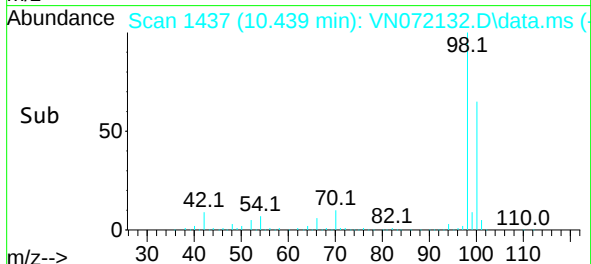
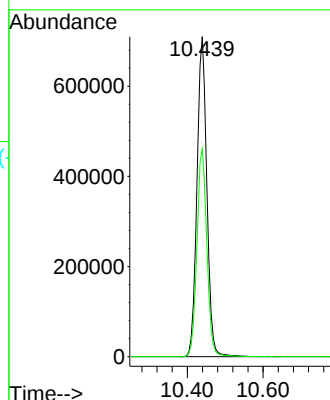
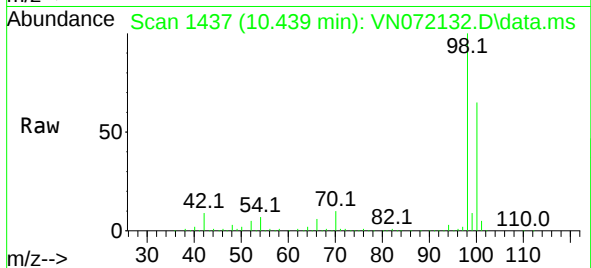
MW-13R

Tgt Ion: 98 Resp: 1294371

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 53.121 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN072132.D

Acq: 21 Apr 2022 17:57

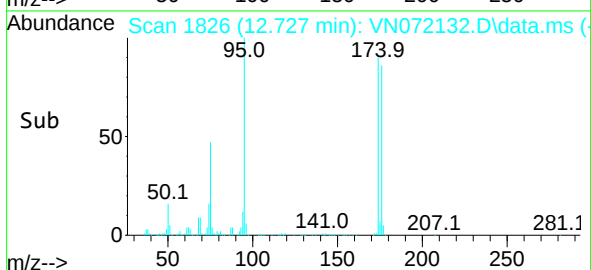
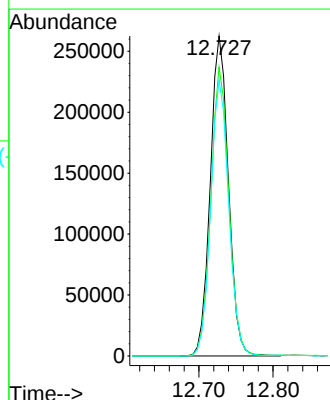
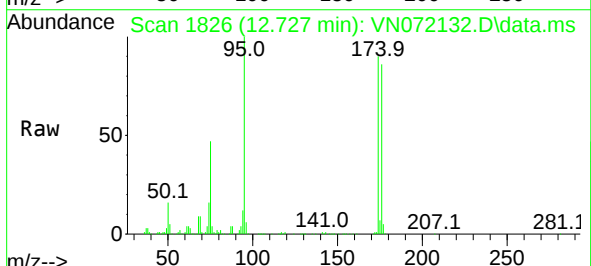
Tgt Ion: 95 Resp: 447170

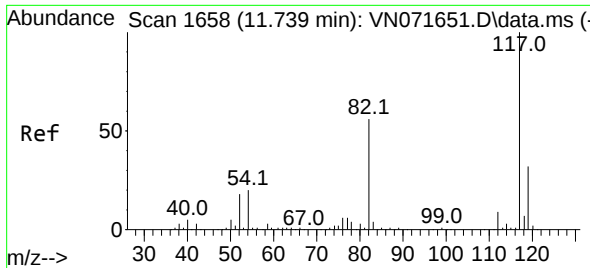
Ion Ratio Lower Upper

95 100

174 89.7 0.0 167.6

176 85.6 0.0 163.4

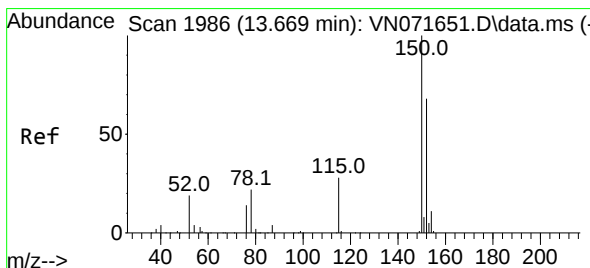
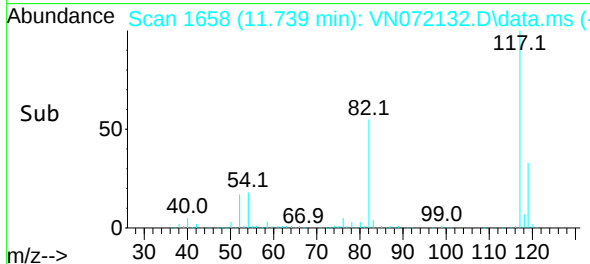
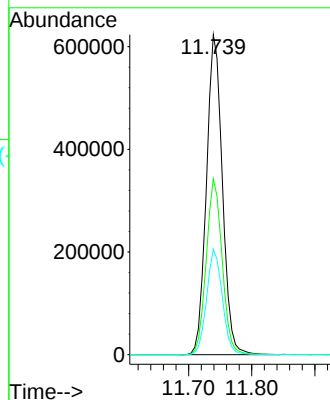
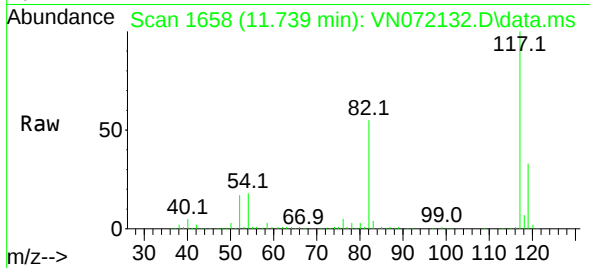




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

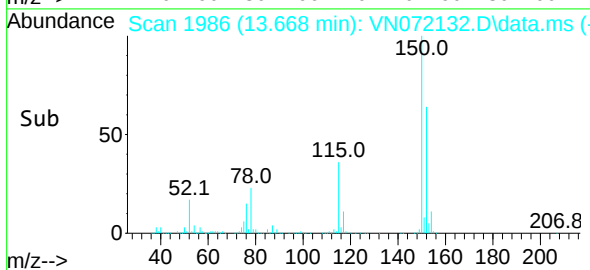
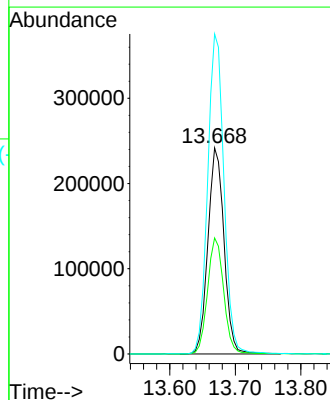
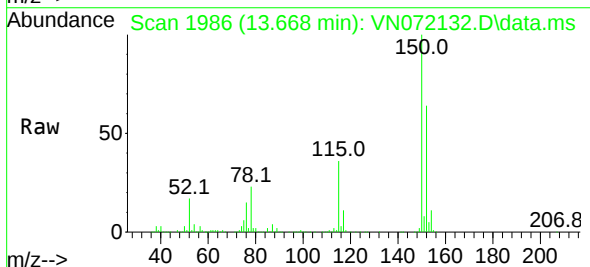
Instrument :
MSVOA_N
ClientSampleId :
MW-13R

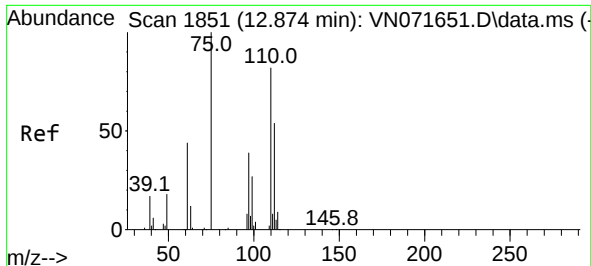
Tgt Ion:117 Resp: 1095109
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

Tgt Ion:152 Resp: 414478
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 156.1 0.0 356.2

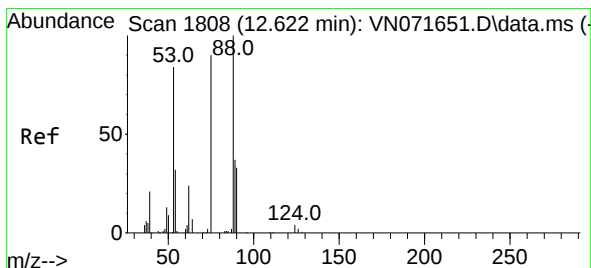
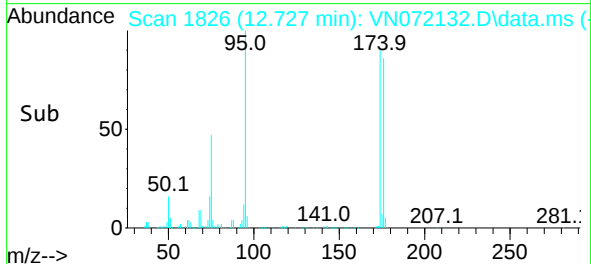
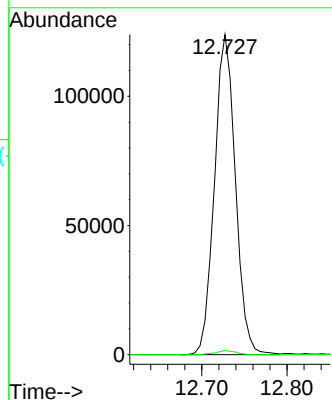
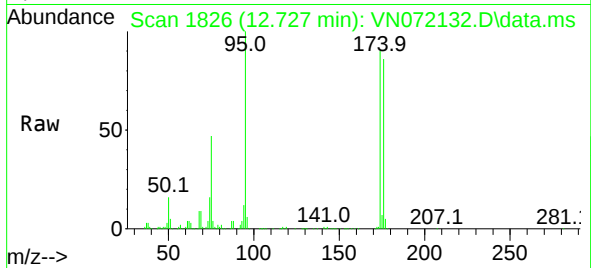




#76
1,2,3-Trichloropropane
Concen: 22.013 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

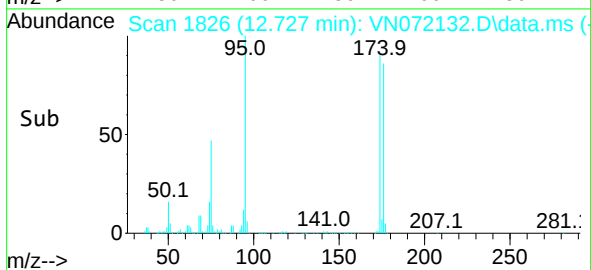
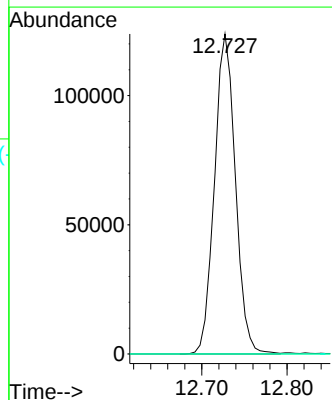
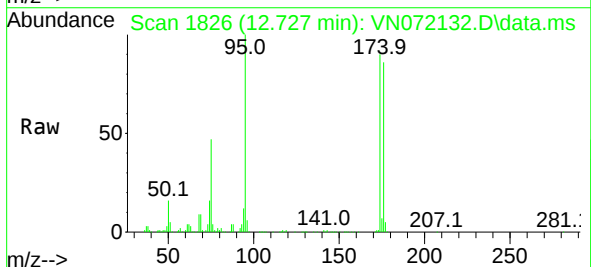
Instrument :
MSVOA_N
ClientSampleId :
MW-13R

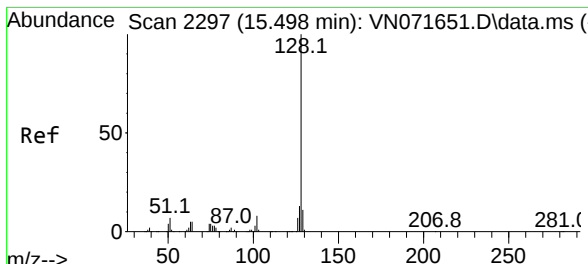
Tgt Ion: 75 Resp: 211361
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.217 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072132.D
Acq: 21 Apr 2022 17:57

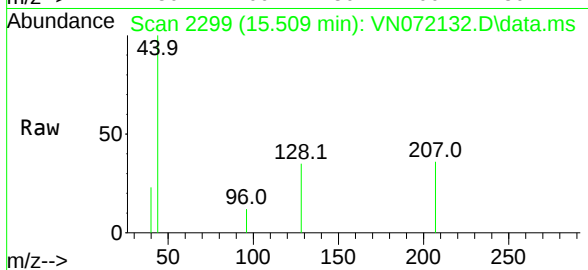
Tgt Ion: 75 Resp: 211361
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
 Naphthalene
 Concen: 3.853 ug/l
 RT: 15.509 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: VN072132.D
 Acq: 21 Apr 2022 17:57

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13R



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

