

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072131.D
 Acq On : 21 Apr 2022 17:33
 Operator : JC\MD
 Sample : N2481-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Quant Time: Apr 22 01:25:31 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)

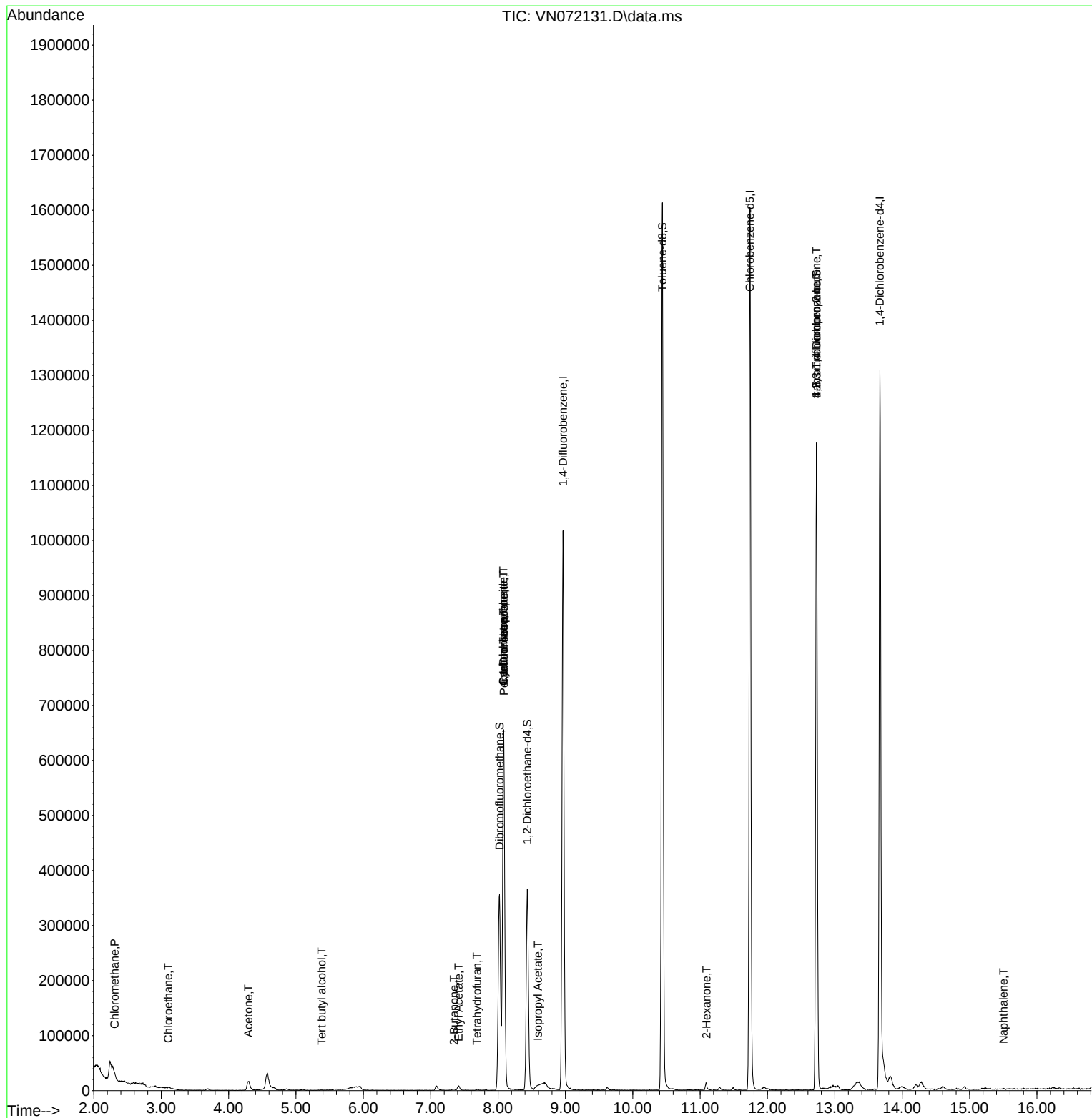
Internal Standards						
1) Pentafluorobenzene	8.086	168	551504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	943591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1001690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	391488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	299592	47.584	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.160%
35) Dibromofluoromethane	8.022	113	267184	48.120	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.240%
50) Toluene-d8	10.439	98	1189929	52.388	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.780%
62) 4-Bromofluorobenzene	12.727	95	416208	56.657	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.320%
Target Compounds						
					Qvalue	
3) Chloromethane	2.310	50	2076	0.374	ug/l #	80
6) Chloroethane	3.104	64	5104	1.163	ug/l #	42
11) Tert butyl alcohol	5.381	59	858	0.840	ug/l #	72
16) Acetone	4.293	43	27735	10.308	ug/l #	88
18) Methyl Acetate	4.869	43	5157	Below Cal		91
25) 2-Butanone	7.345	43	3179	0.820	ug/l #	84
29) Tetrahydrofuran	7.686	42	610	0.243	ug/l #	53
31) Cyclohexane	8.081	56	8548	0.998	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	35973	4.639	ug/l #	50
37) Ethyl Acetate	7.416	43	12585	1.483	ug/l	99
38) Carbon Tetrachloride	8.081	117	49729	6.544	ug/l #	17
43) Isopropyl Acetate	8.592	43	9697	0.687	ug/l #	53
59) 2-Hexanone	11.092	43	2492	0.436	ug/l #	45
76) 1,2,3-Trichloropropane	12.727	75	198786	21.919	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	198786	67.926	ug/l #	10
95) Naphthalene	15.504	128	2069	3.910	ug/l #	72

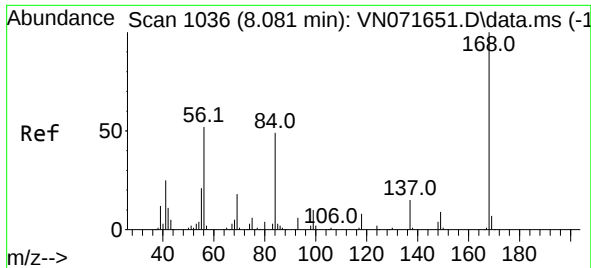
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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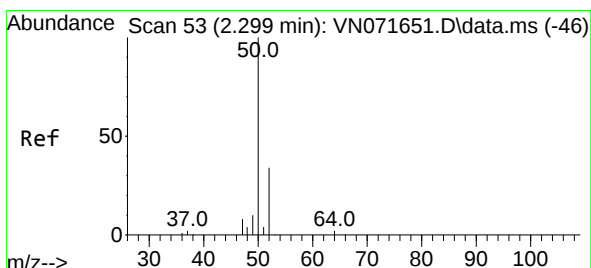
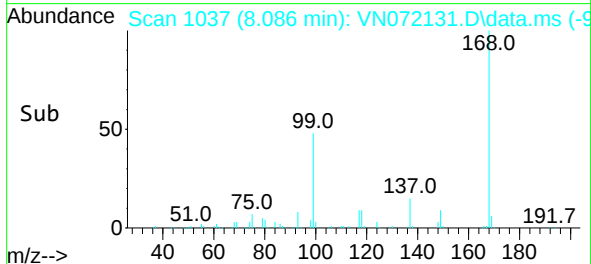
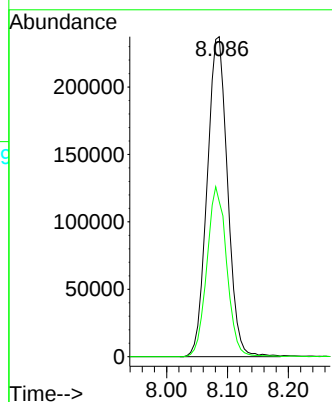
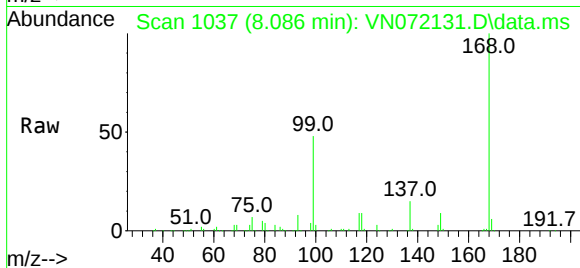




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072131.D
Acq: 21 Apr 2022 17:33

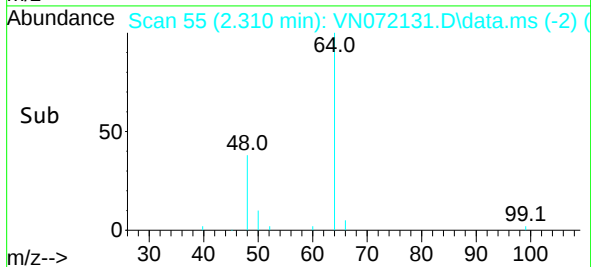
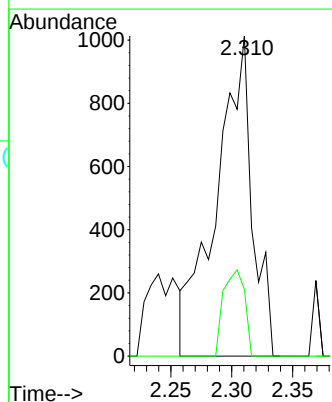
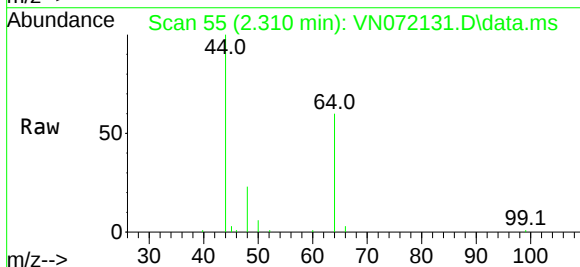
Instrument :
MSVOA_N
ClientSampleId :
MW-12

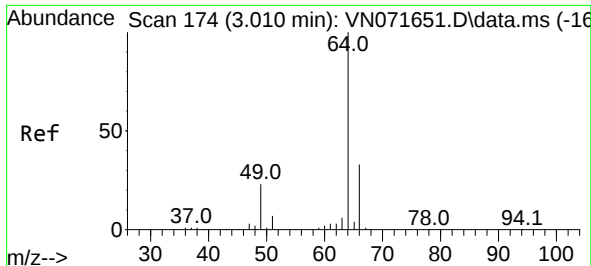
Tgt Ion:168 Resp: 551504
Ion Ratio Lower Upper
168 100
99 48.4 42.3 63.5



#3
Chloromethane
Concen: 0.374 ug/l
RT: 2.310 min Scan# 55
Delta R.T. 0.011 min
Lab File: VN072131.D
Acq: 21 Apr 2022 17:33

Tgt Ion: 50 Resp: 2076
Ion Ratio Lower Upper
50 100
52 20.8 25.7 38.5#

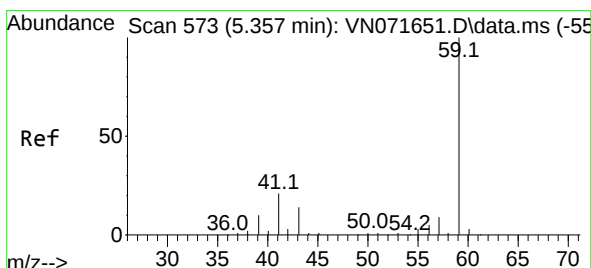
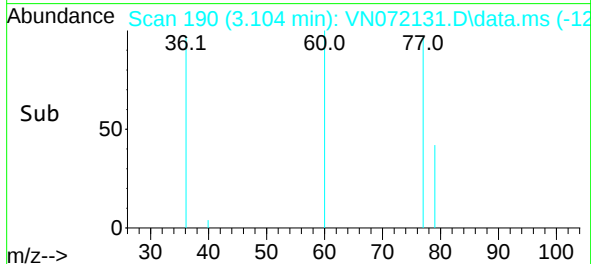
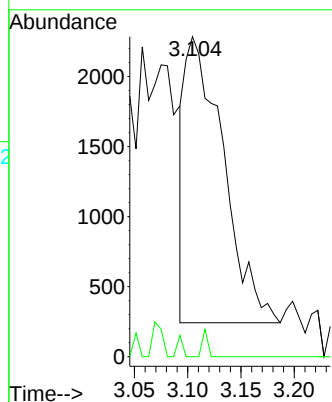
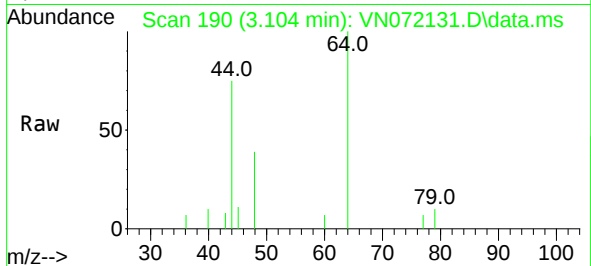




#6
Chloroethane
Concen: 1.163 ug/l
RT: 3.104 min Scan# 190
Delta R.T. 0.094 min
Lab File: VN072131.D
Acq: 21 Apr 2022 17:33

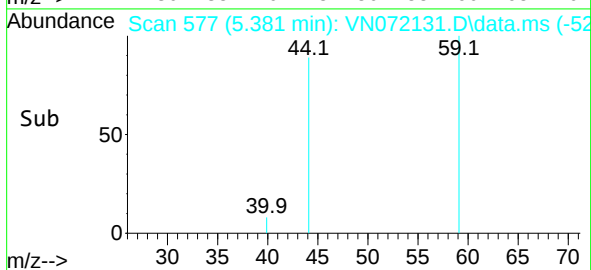
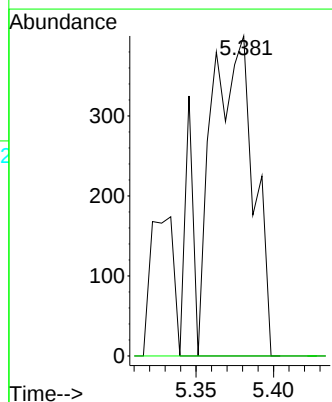
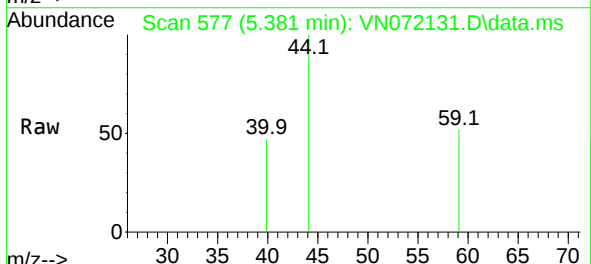
Instrument :
MSVOA_N
ClientSampleId :
MW-12

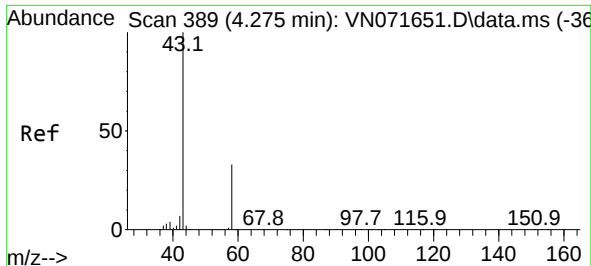
Tgt Ion: 64 Resp: 5104
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.840 ug/l
RT: 5.381 min Scan# 577
Delta R.T. 0.024 min
Lab File: VN072131.D
Acq: 21 Apr 2022 17:33

Tgt Ion: 59 Resp: 858
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

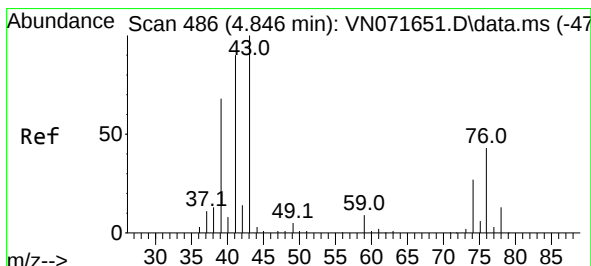
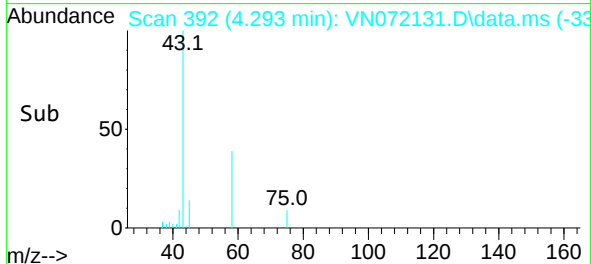
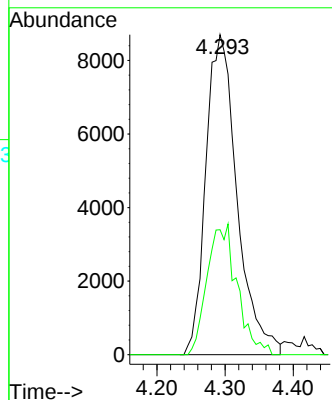
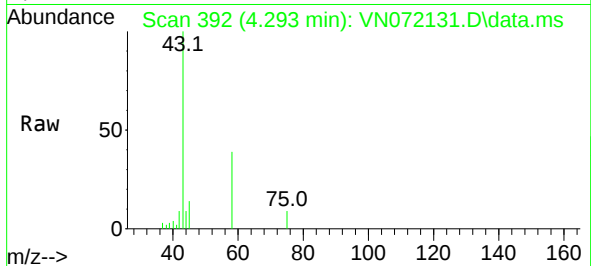




#16
Acetone
Concen: 10.308 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.018 min
Lab File: VN072131.D
Acq: 21 Apr 2022 17:33

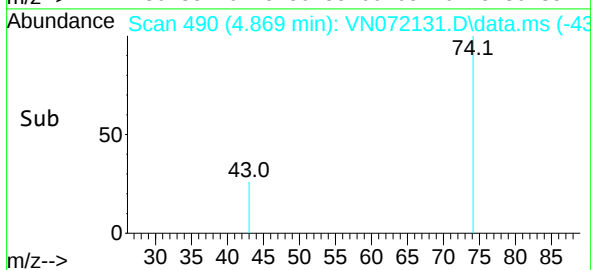
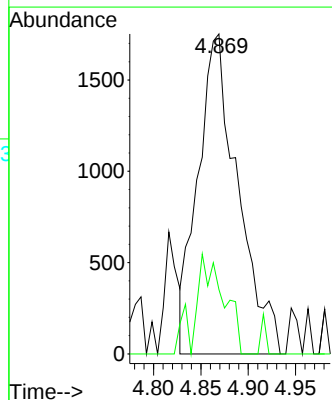
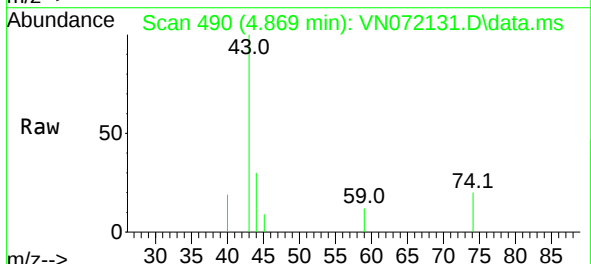
Instrument :
MSVOA_N
ClientSampleId :
MW-12

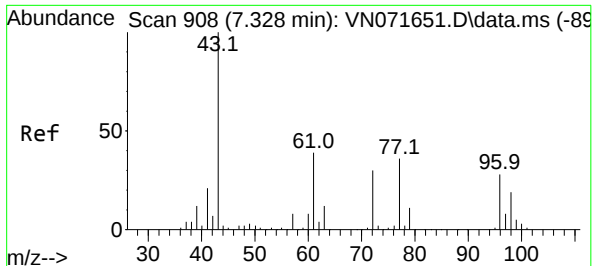
Tgt Ion: 43 Resp: 27735
Ion Ratio Lower Upper
43 100
58 39.1 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 490
Delta R.T. 0.023 min
Lab File: VN072131.D
Acq: 21 Apr 2022 17:33

Tgt Ion: 43 Resp: 5157
Ion Ratio Lower Upper
43 100
74 22.6 21.6 32.4





#25

2-Butanone

Concen: 0.820 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.017 min

Lab File: VN072131.D

Acq: 21 Apr 2022 17:33

Instrument :

MSVOA_N

ClientSampleId :

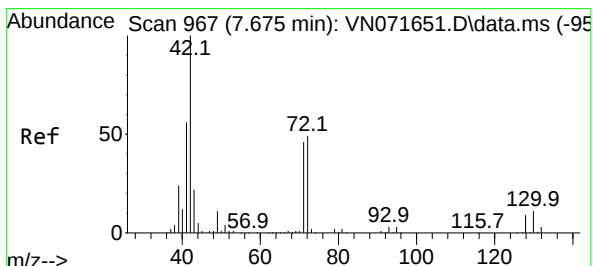
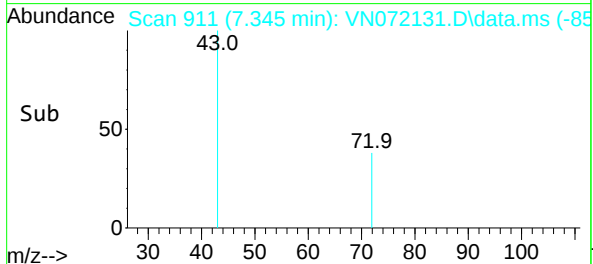
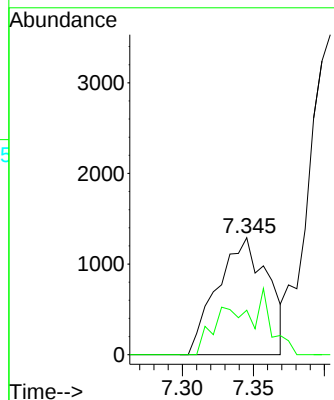
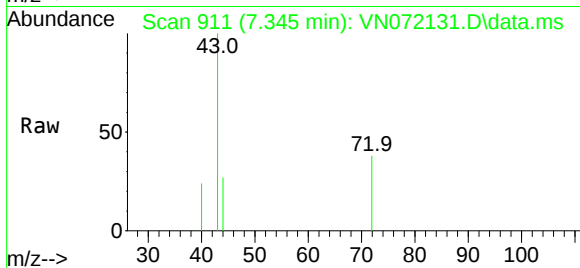
MW-12

Tgt Ion: 43 Resp: 3179

Ion Ratio Lower Upper

43 100

72 38.1 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.243 ug/l

RT: 7.686 min Scan# 969

Delta R.T. 0.011 min

Lab File: VN072131.D

Acq: 21 Apr 2022 17:33

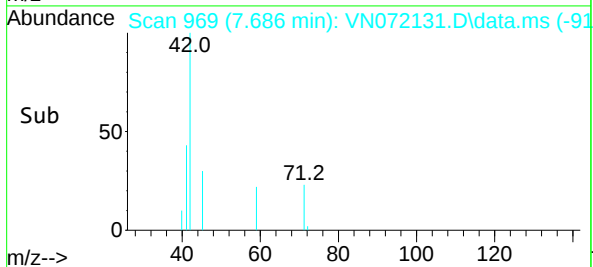
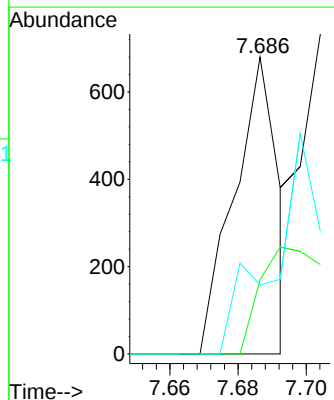
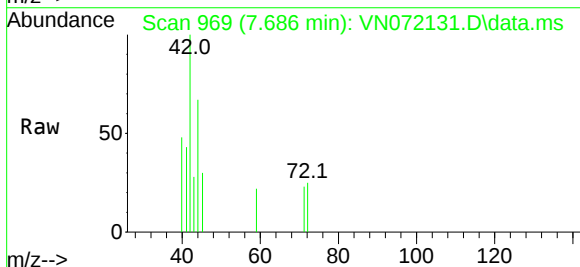
Tgt Ion: 42 Resp: 610

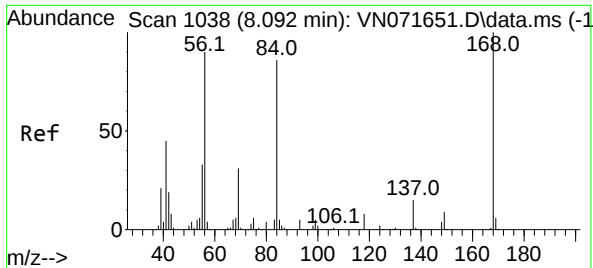
Ion Ratio Lower Upper

42 100

72 82.3 39.7 59.5#

71 76.6 36.6 55.0#

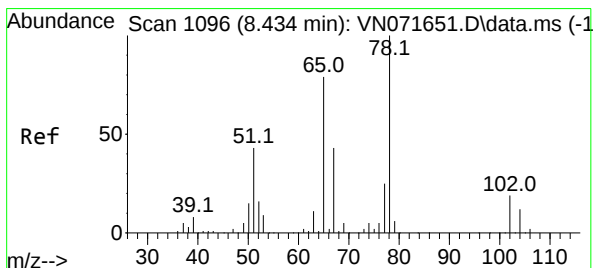
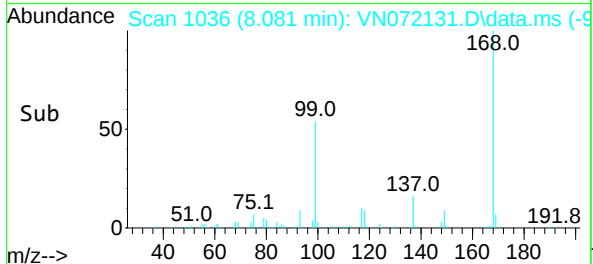
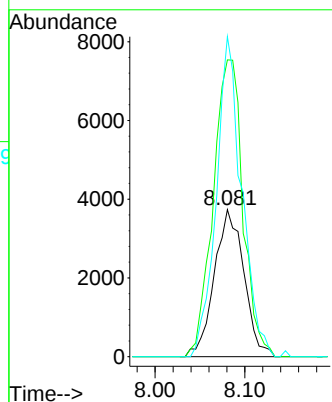
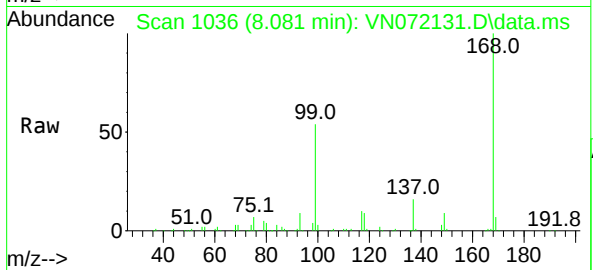




#31
Cyclohexane
Concen: 0.998 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072131.D
Acq: 21 Apr 2022 17:33

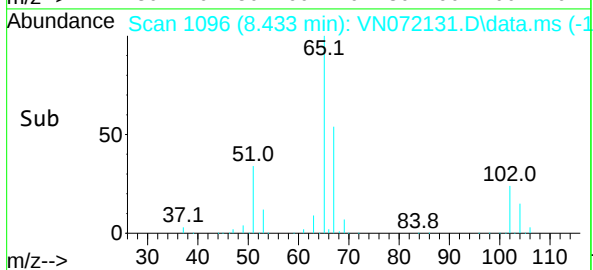
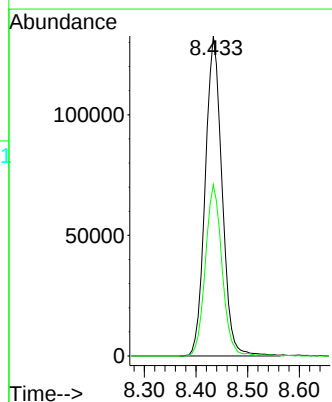
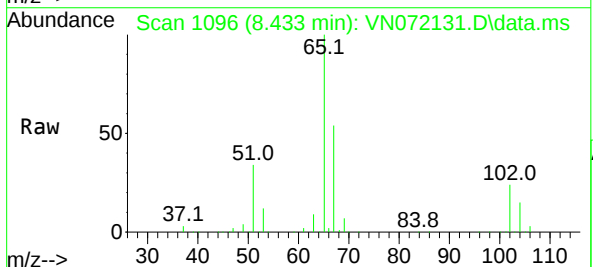
Instrument :
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MW-12

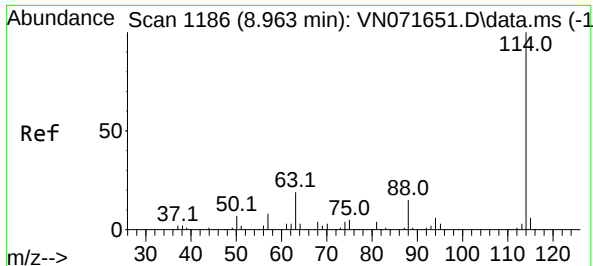
Tgt Ion: 56 Resp: 8548
Ion Ratio Lower Upper
56 100
69 201.8 27.8 41.8#
84 217.6 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.584 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072131.D
Acq: 21 Apr 2022 17:33

Tgt Ion: 65 Resp: 299592
Ion Ratio Lower Upper
65 100
67 53.0 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: VN072131.D

Acq: 21 Apr 2022 17:33

Instrument :

MSVOA_N

ClientSampleId :

MW-12

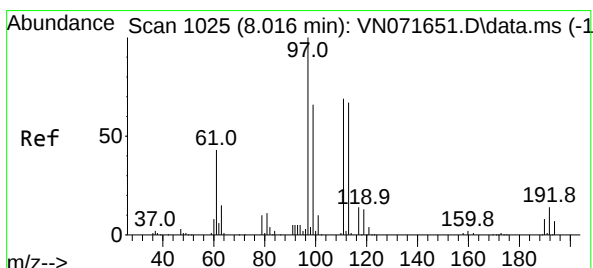
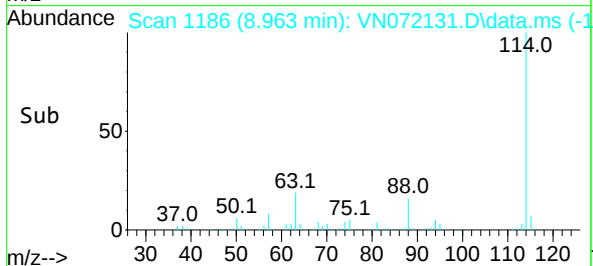
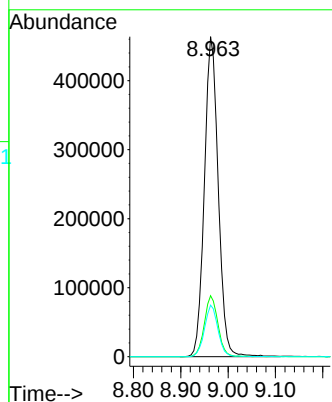
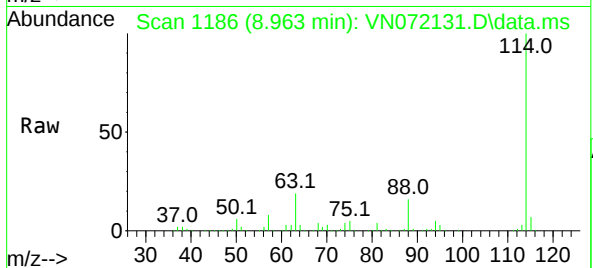
Tgt Ion:114 Resp: 943591

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.120 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072131.D

Acq: 21 Apr 2022 17:33

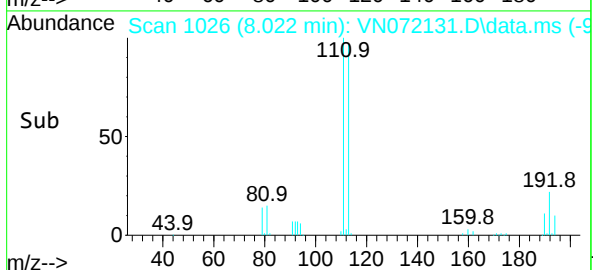
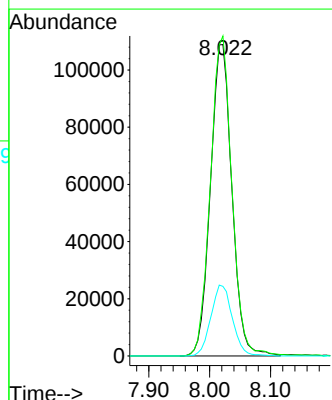
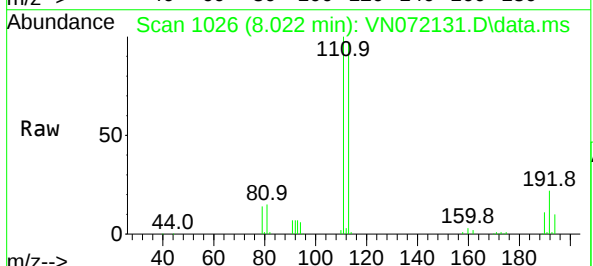
Tgt Ion:113 Resp: 267184

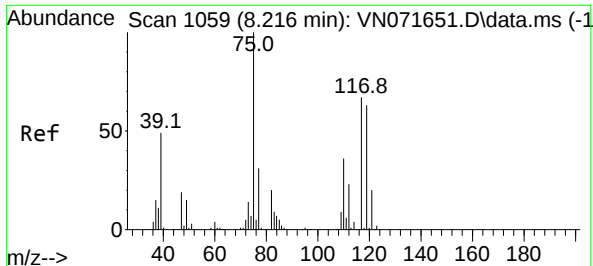
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 22.8 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.639 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN072131.D

Acq: 21 Apr 2022 17:33

Instrument :

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ClientSampleId :

MW-12

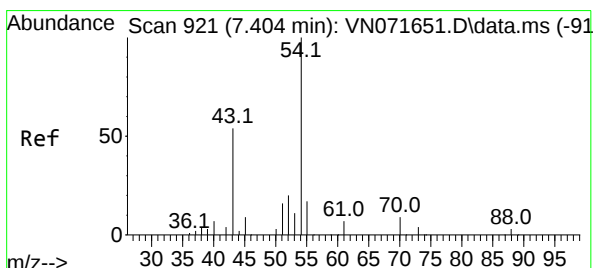
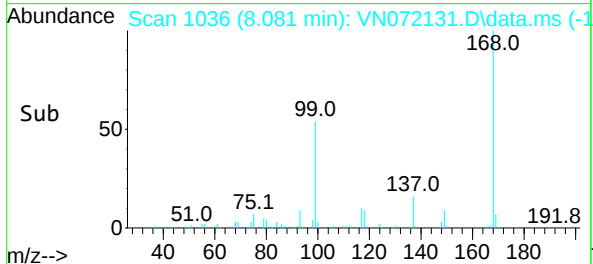
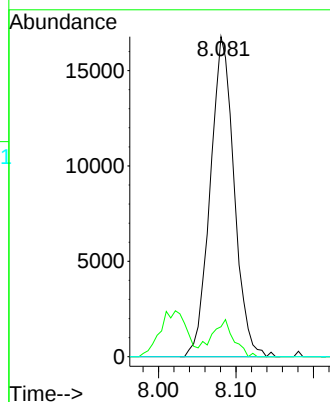
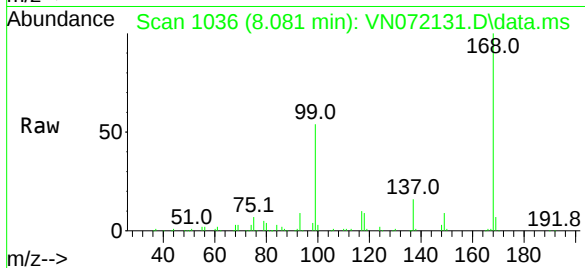
Tgt Ion: 75 Resp: 35973

Ion Ratio Lower Upper

75 100

110 10.6 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 1.483 ug/l

RT: 7.416 min Scan# 923

Delta R.T. 0.012 min

Lab File: VN072131.D

Acq: 21 Apr 2022 17:33

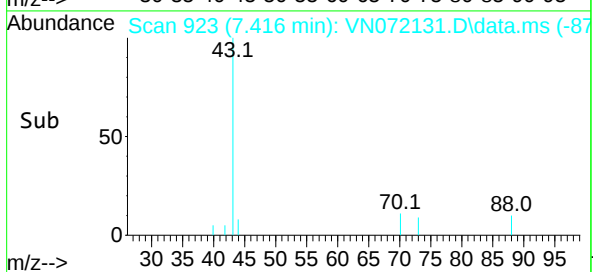
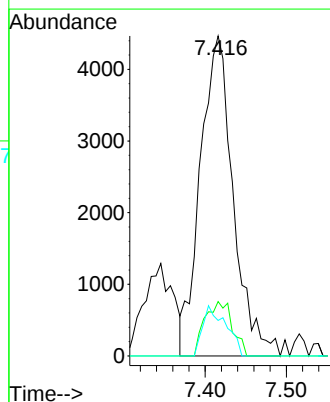
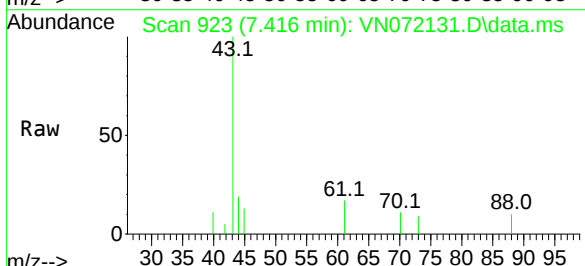
Tgt Ion: 43 Resp: 12585

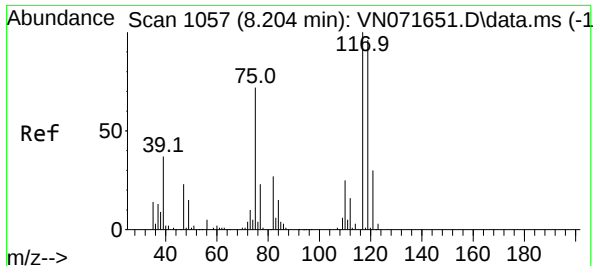
Ion Ratio Lower Upper

43 100

61 14.2 11.8 17.6

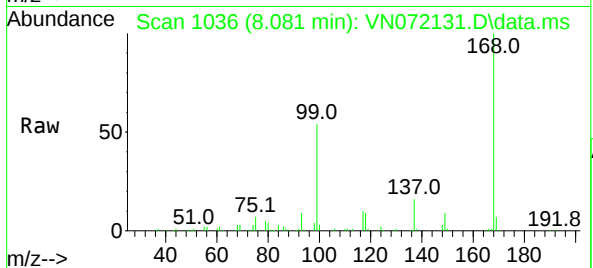
70 11.1 9.3 13.9



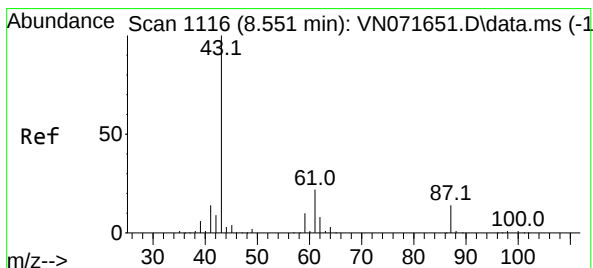
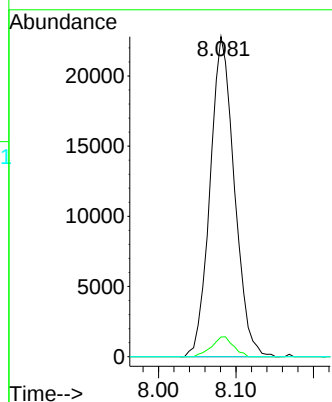
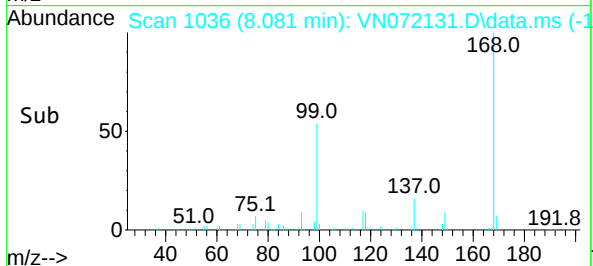


#38
Carbon Tetrachloride
Concen: 6.544 ug/l
RT: 8.081 min Scan# 11036
Delta R.T. -0.123 min
Lab File: VN072131.D
Acq: 21 Apr 2022 17:33

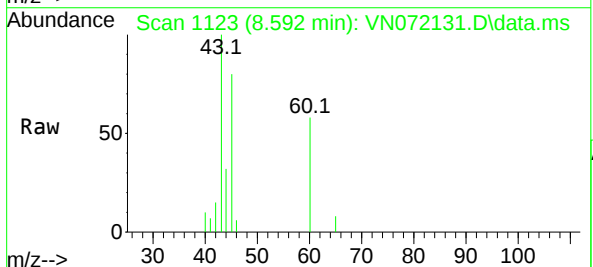
Instrument :
MSVOA_N
ClientSampleId :
MW-12



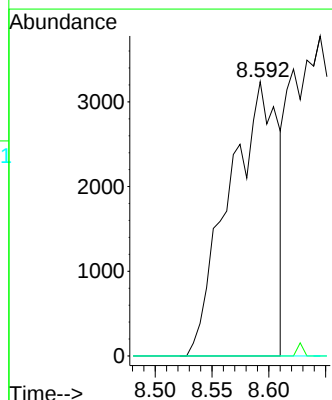
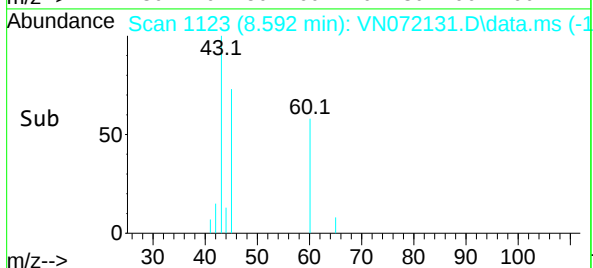
Tgt Ion: 117 Resp: 49729
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.8#
121 0.0 24.6 37.0#

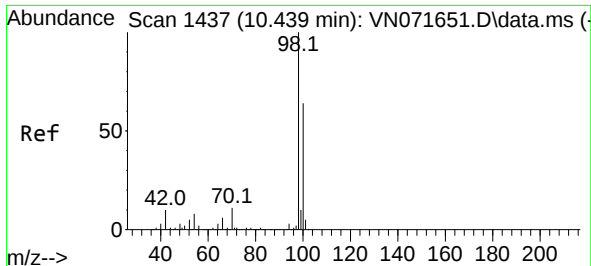


#43
Isopropyl Acetate
Concen: 0.687 ug/l
RT: 8.592 min Scan# 1123
Delta R.T. 0.041 min
Lab File: VN072131.D
Acq: 21 Apr 2022 17:33



Tgt Ion: 43 Resp: 9697
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

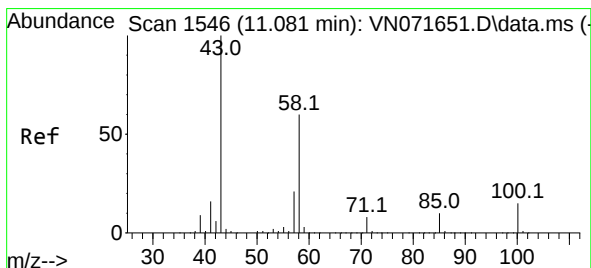
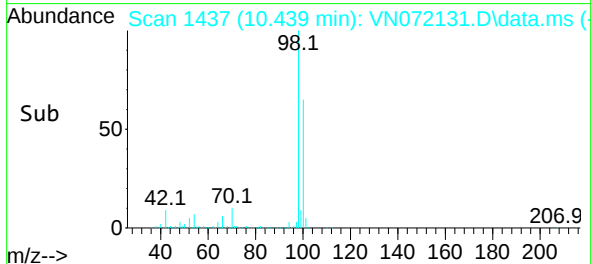
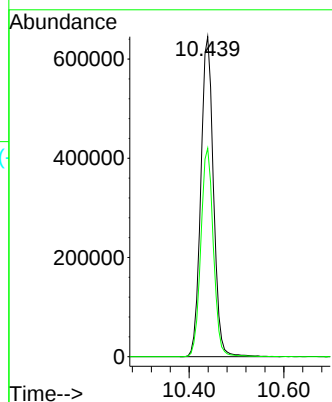
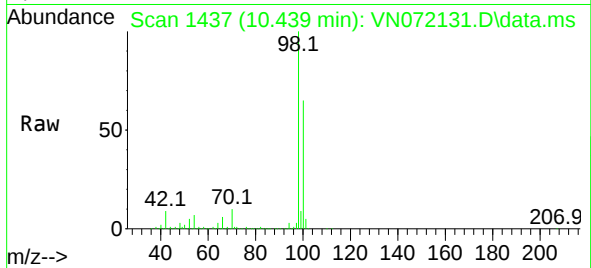




#50
Toluene-d8
Concen: 52.388 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072131.D
Acq: 21 Apr 2022 17:33

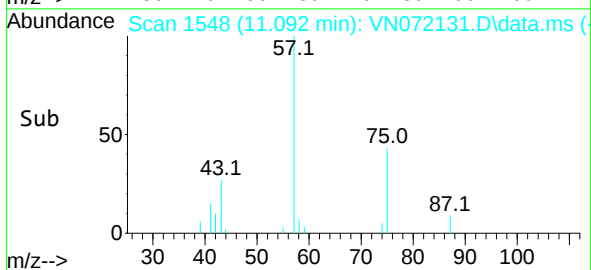
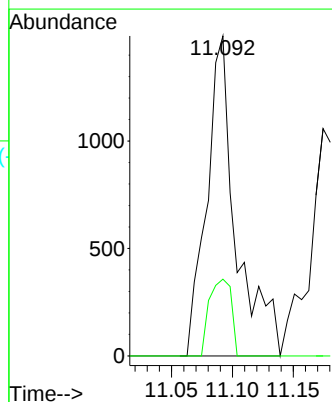
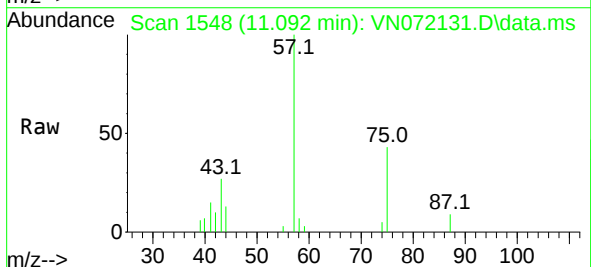
Instrument :
MSVOA_N
ClientSampleId :
MW-12

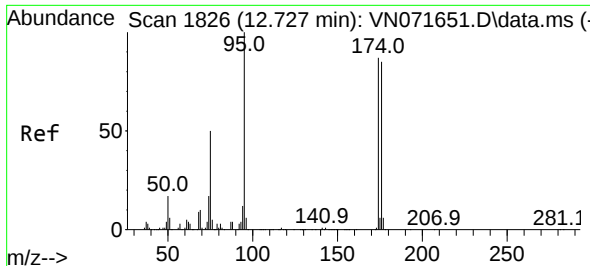
Tgt Ion: 98 Resp: 1189929
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#59
2-Hexanone
Concen: 0.436 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.011 min
Lab File: VN072131.D
Acq: 21 Apr 2022 17:33

Tgt Ion: 43 Resp: 2492
Ion Ratio Lower Upper
43 100
58 17.9 29.7 89.1#

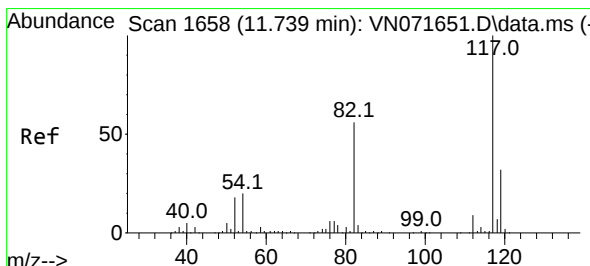
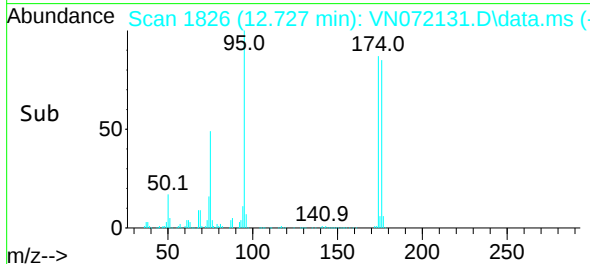
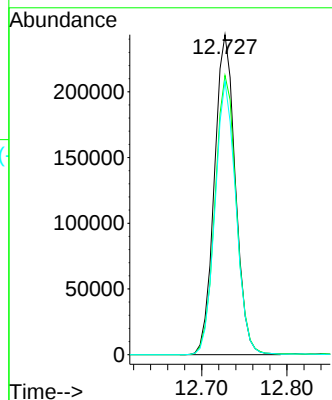
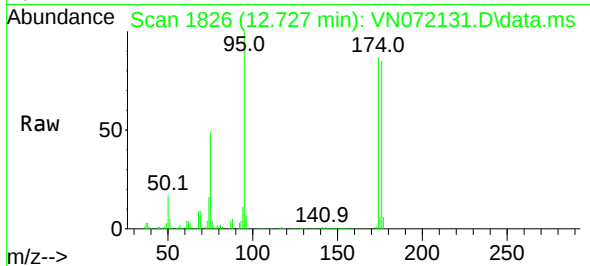




#62
4-Bromofluorobenzene
Concen: 56.657 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072131.D
Acq: 21 Apr 2022 17:33

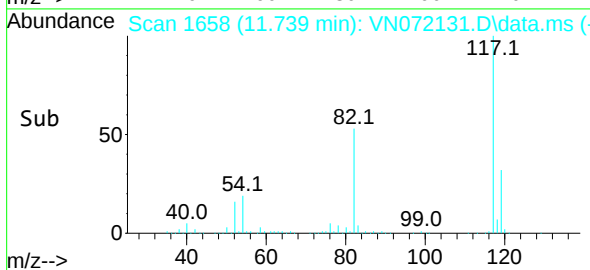
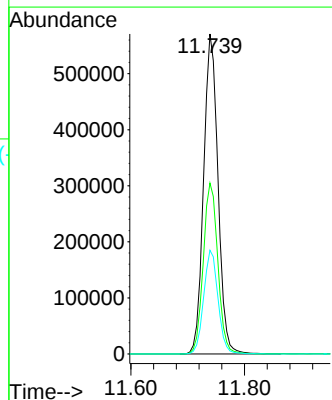
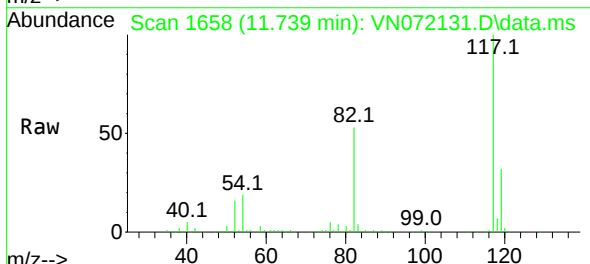
Instrument :
MSVOA_N
ClientSampleId :
MW-12

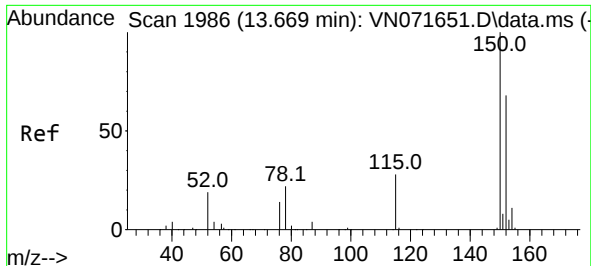
Tgt Ion: 95 Resp: 416208
Ion Ratio Lower Upper
95 100
174 88.6 0.0 167.6
176 84.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072131.D
Acq: 21 Apr 2022 17:33

Tgt Ion: 117 Resp: 1001690
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 32.4 25.4 38.0

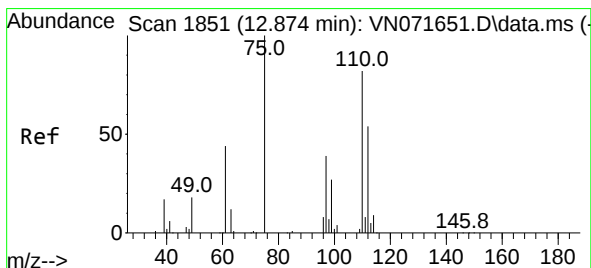
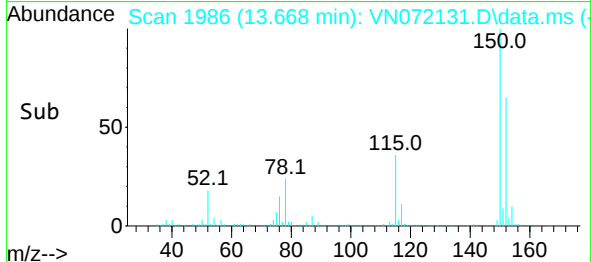
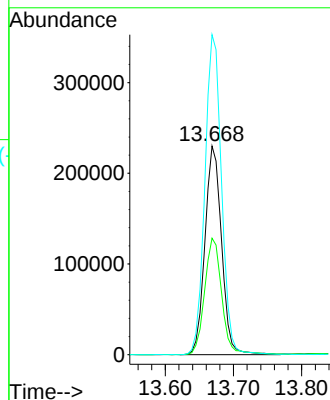
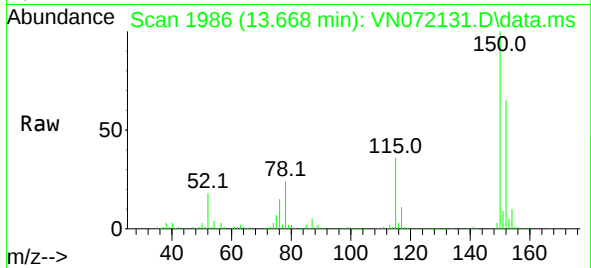




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072131.D
 Acq: 21 Apr 2022 17:33

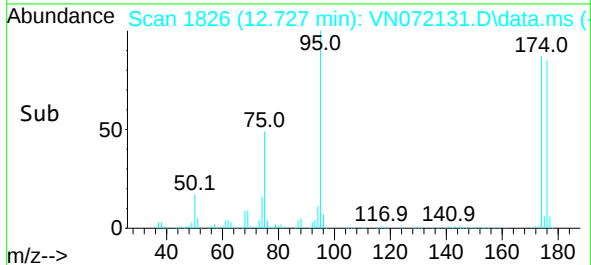
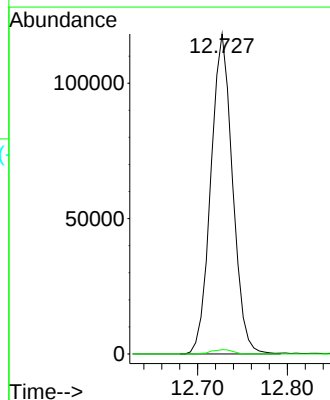
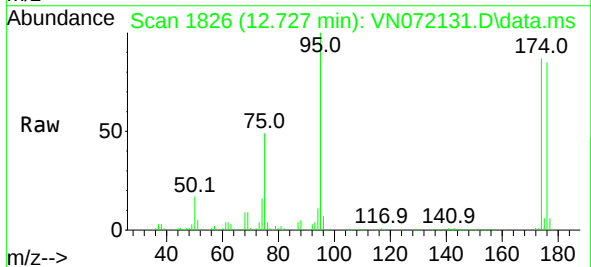
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

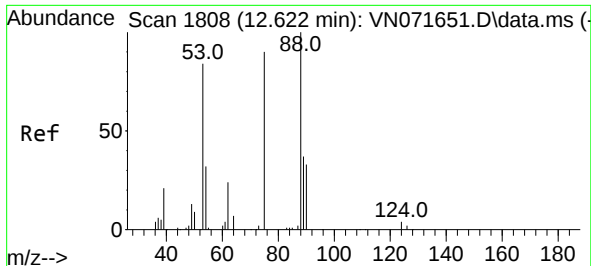
Tgt Ion:152 Resp: 391488
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.9 86.7
 150 153.0 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.919 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072131.D
 Acq: 21 Apr 2022 17:33

Tgt Ion: 75 Resp: 198786
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

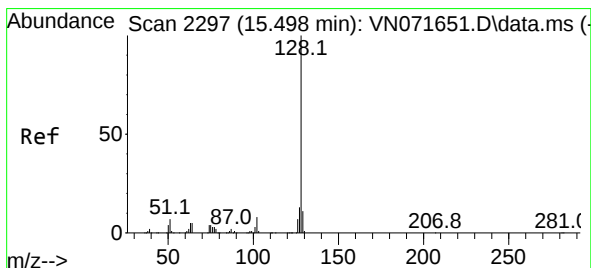
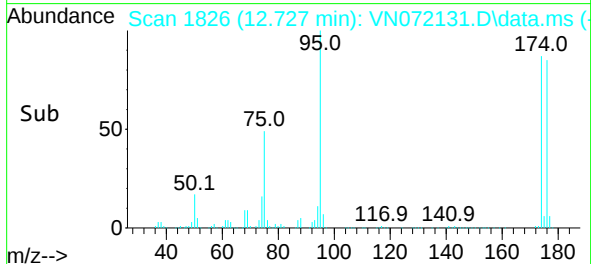
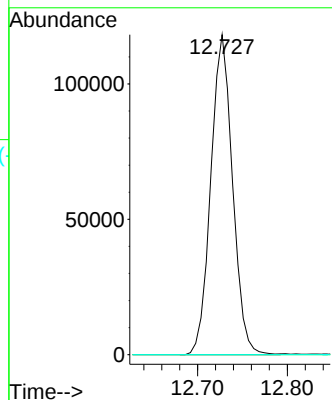
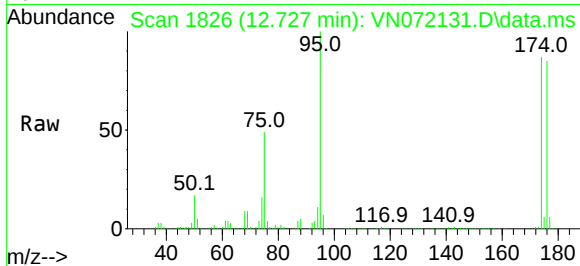




#81
trans-1,4-Dichloro-2-butene
Concen: 67.926 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072131.D
Acq: 21 Apr 2022 17:33

Instrument :
MSVOA_N
ClientSampleId :
MW-12

Tgt Ion: 75 Resp: 198786
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.910 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072131.D
Acq: 21 Apr 2022 17:33

Tgt Ion:128 Resp: 2069
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 2.6 8.6 13.0#

