

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072141.D
 Acq On : 21 Apr 2022 21:34
 Operator : JC\MD
 Sample : N2481-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

Quant Time: Apr 22 01:27:56 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)

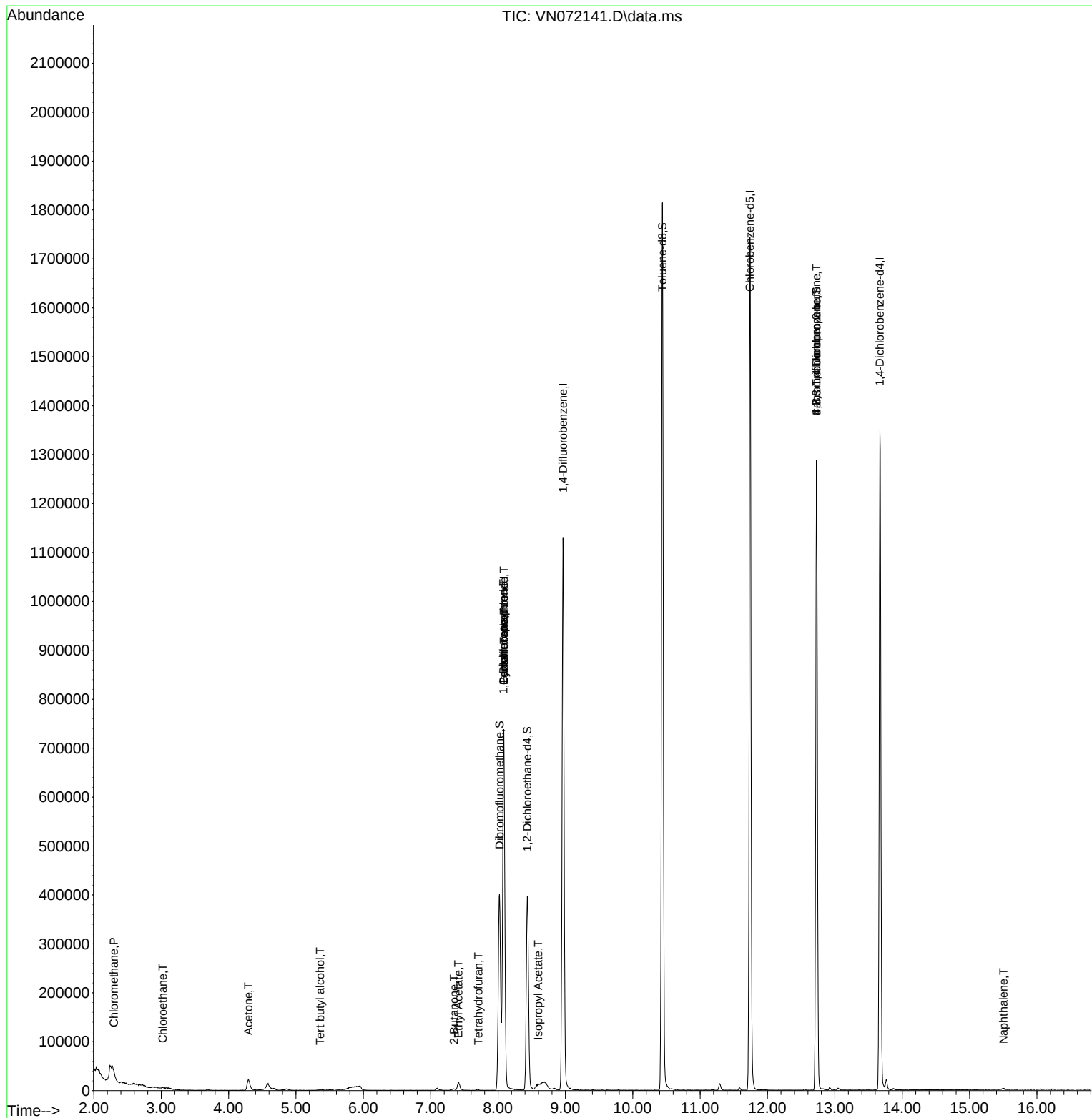
Internal Standards						
1) Pentafluorobenzene	8.086	168	625848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1057704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1114782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	417940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	332066	46.477	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.960%
35) Dibromofluoromethane	8.022	113	304890	48.986	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.980%
50) Toluene-d8	10.439	98	1331760	52.306	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.620%
62) 4-Bromofluorobenzene	12.727	95	460449	55.917	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.840%
Target Compounds						
					Qvalue	
3) Chloromethane	2.298	50	2678	0.425	ug/l #	43
6) Chloroethane	3.022	64	1132	0.227	ug/l #	42
11) Tert butyl alcohol	5.357	59	1783	1.538	ug/l #	72
16) Acetone	4.292	43	39409	12.906	ug/l	98
18) Methyl Acetate	4.857	43	6236	Below Cal		96
25) 2-Butanone	7.345	43	4627	1.051	ug/l	99
29) Tetrahydrofuran	7.710	42	1681	0.590	ug/l #	29
31) Cyclohexane	8.086	56	10875	1.119	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	40783	4.692	ug/l #	48
37) Ethyl Acetate	7.410	43	24329	2.557	ug/l #	94
38) Carbon Tetrachloride	8.086	117	55104	6.469	ug/l #	17
43) Isopropyl Acetate	8.598	43	10587	0.669	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	216779	22.390	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	216779	69.386	ug/l #	10
95) Naphthalene	15.503	128	4033	3.999	ug/l #	85

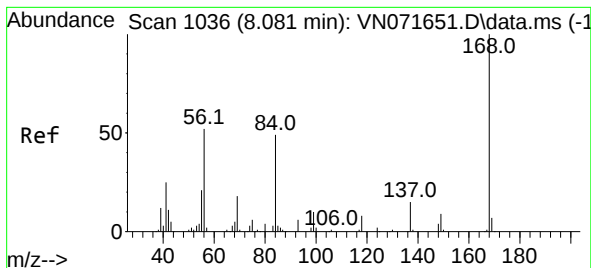
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN072141.D

Acq: 21 Apr 2022 21:34

Instrument :

MSVOA_N

ClientSampleId :

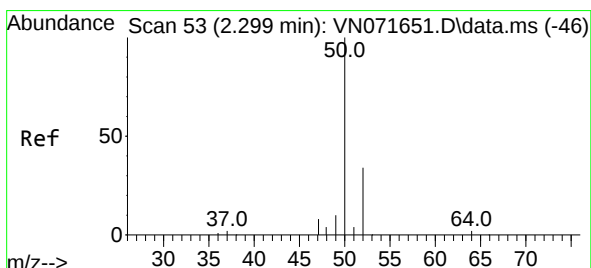
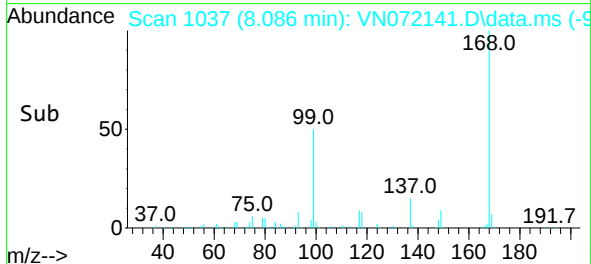
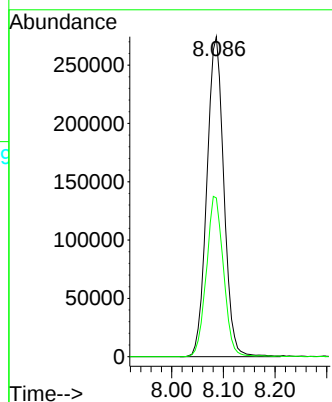
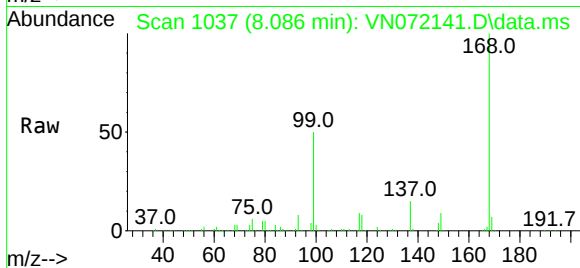
MW-24

Tgt Ion:168 Resp: 625848

Ion Ratio Lower Upper

168 100

99 49.6 42.3 63.5



#3

Chloromethane

Concen: 0.425 ug/l

RT: 2.298 min Scan# 53

Delta R.T. -0.001 min

Lab File: VN072141.D

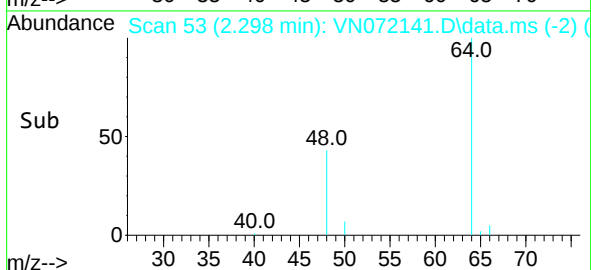
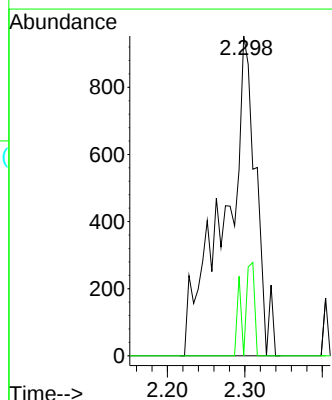
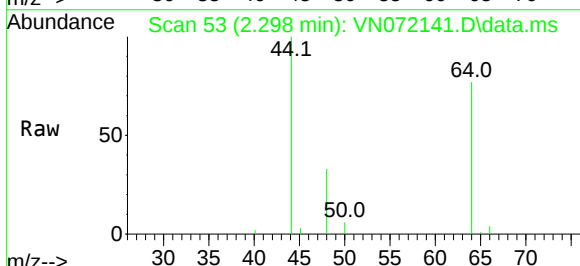
Acq: 21 Apr 2022 21:34

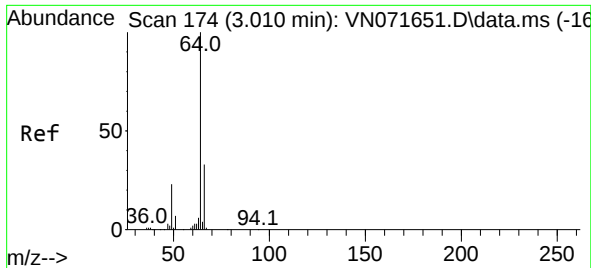
Tgt Ion: 50 Resp: 2678

Ion Ratio Lower Upper

50 100

52 0.0 25.7 38.5#

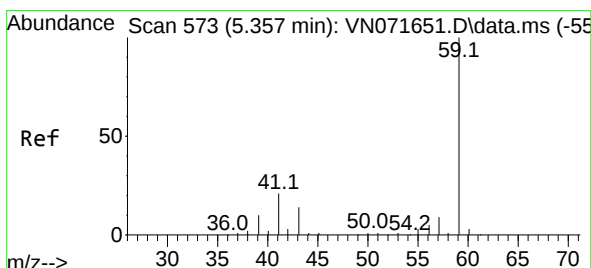
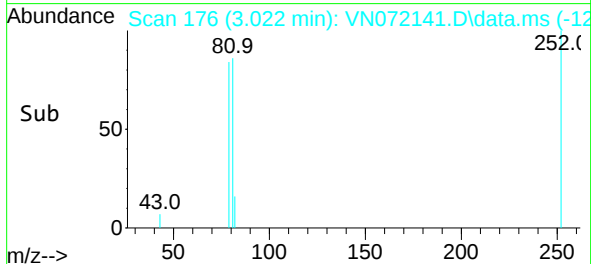
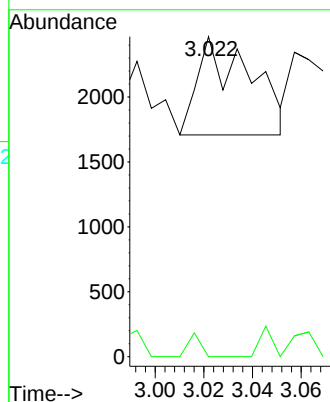
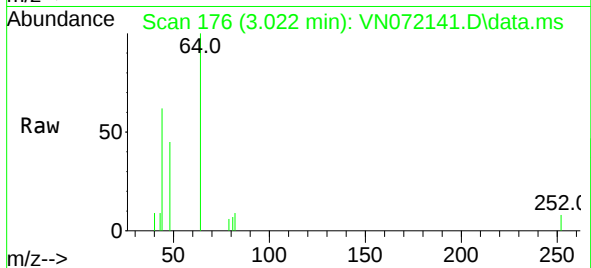




#6
Chloroethane
Concen: 0.227 ug/l
RT: 3.022 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN072141.D
Acq: 21 Apr 2022 21:34

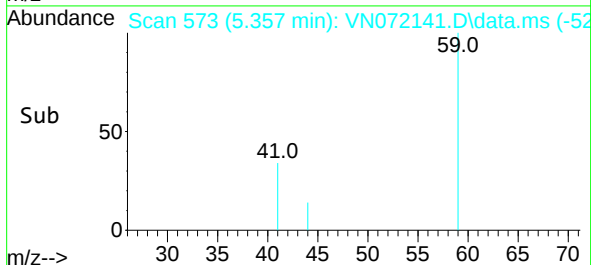
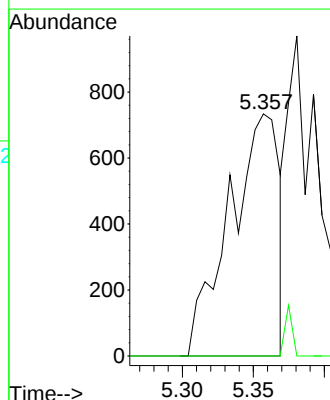
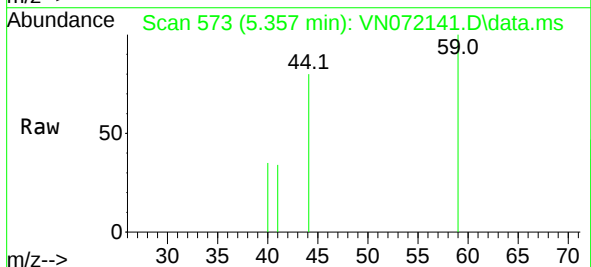
Instrument :
MSVOA_N
ClientSampleId :
MW-24

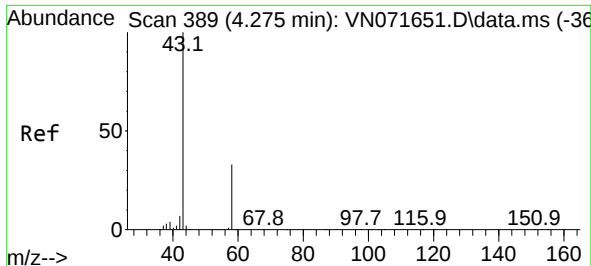
Tgt Ion: 64 Resp: 1132
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 1.538 ug/l
RT: 5.357 min Scan# 573
Delta R.T. 0.000 min
Lab File: VN072141.D
Acq: 21 Apr 2022 21:34

Tgt Ion: 59 Resp: 1783
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

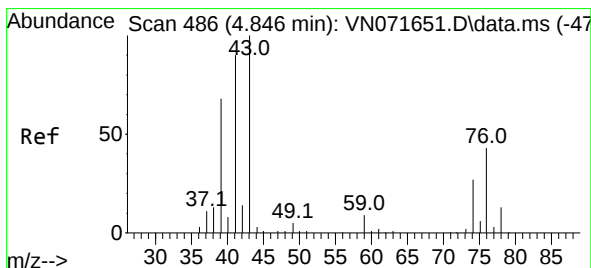
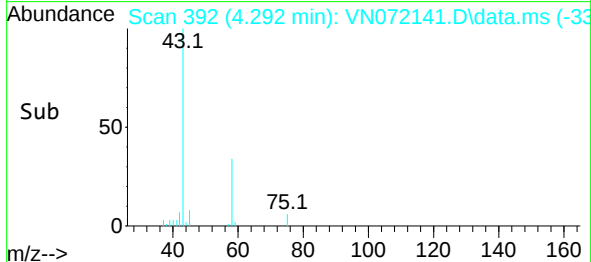
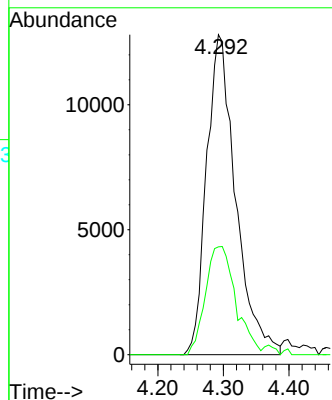
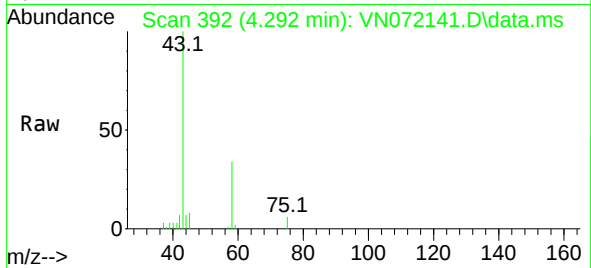




#16
Acetone
Concen: 12.906 ug/l
RT: 4.292 min Scan# 392
Delta R.T. 0.017 min
Lab File: VN072141.D
Acq: 21 Apr 2022 21:34

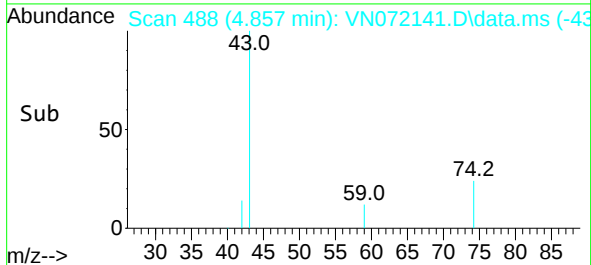
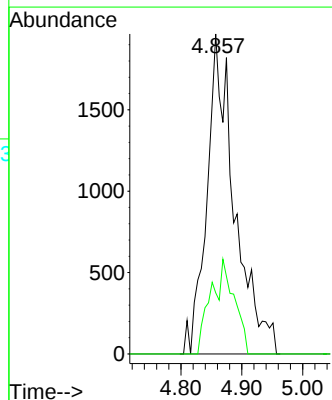
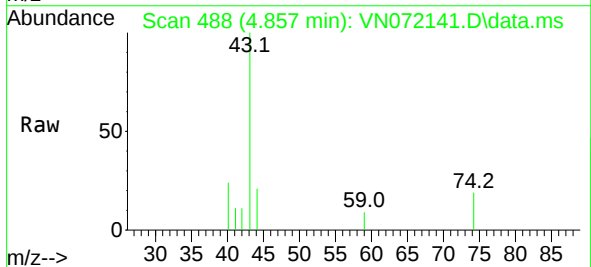
Instrument :
MSVOA_N
ClientSampleId :
MW-24

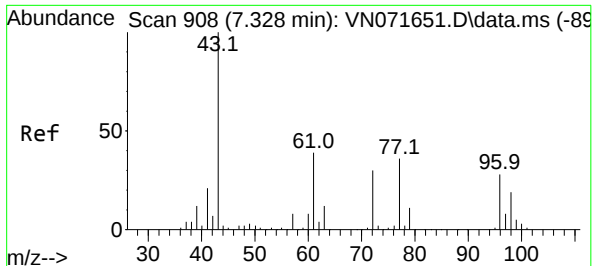
Tgt Ion: 43 Resp: 39409
Ion Ratio Lower Upper
43 100
58 33.7 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN072141.D
Acq: 21 Apr 2022 21:34

Tgt Ion: 43 Resp: 6236
Ion Ratio Lower Upper
43 100
74 24.9 21.6 32.4





#25

2-Butanone

Concen: 1.051 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.017 min

Lab File: VN072141.D

Acq: 21 Apr 2022 21:34

Instrument :

MSVOA_N

ClientSampleId :

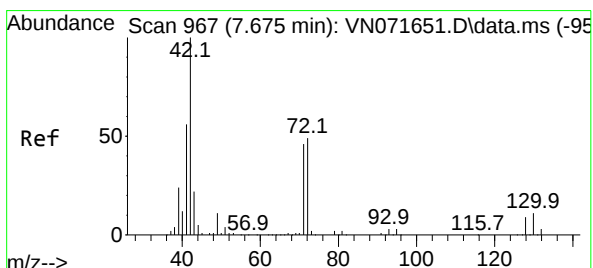
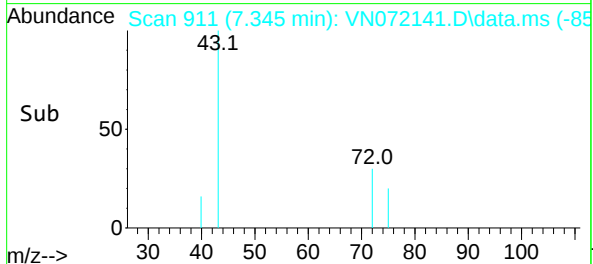
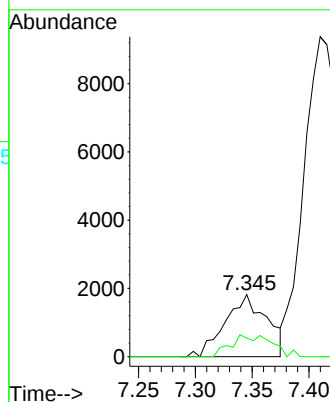
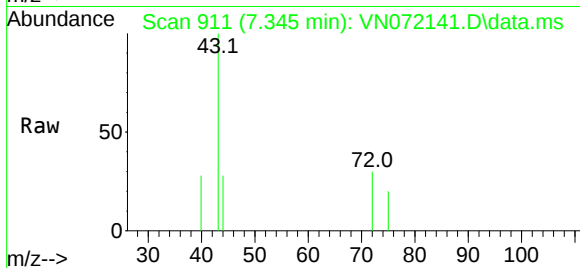
MW-24

Tgt Ion: 43 Resp: 4627

Ion Ratio Lower Upper

43 100

72 30.0 23.7 35.5



#29

Tetrahydrofuran

Concen: 0.590 ug/l

RT: 7.710 min Scan# 973

Delta R.T. 0.035 min

Lab File: VN072141.D

Acq: 21 Apr 2022 21:34

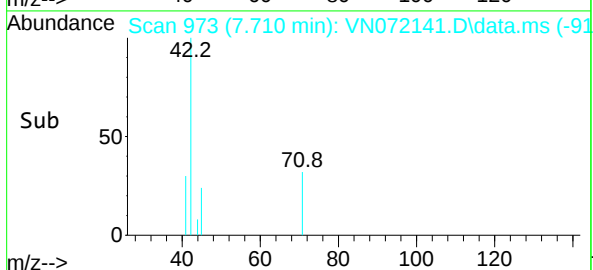
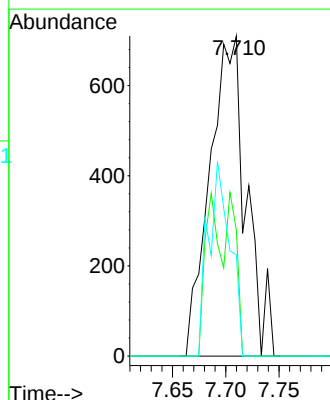
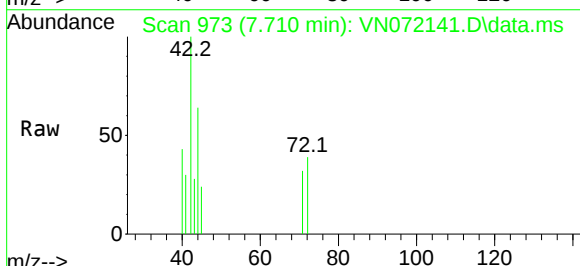
Tgt Ion: 42 Resp: 1681

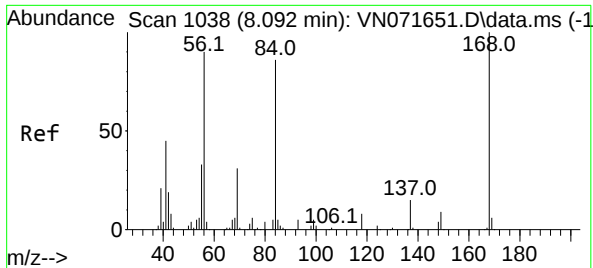
Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 0.0 36.6 55.0#

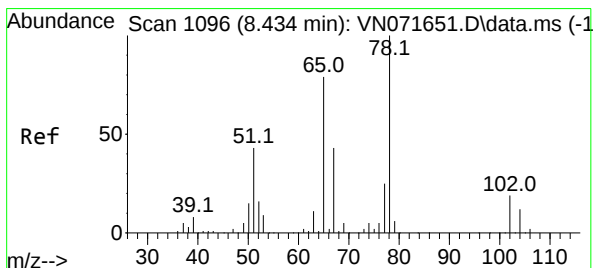
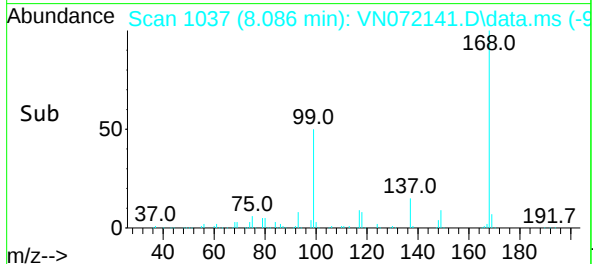
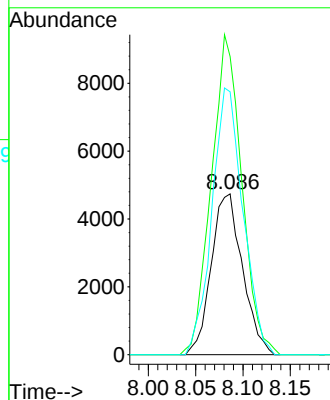
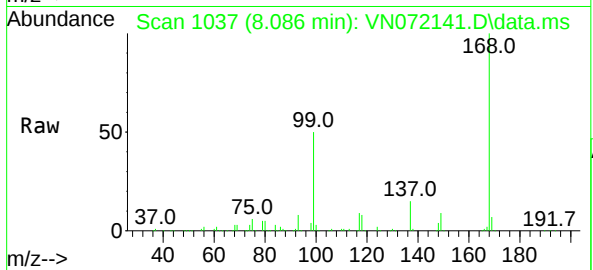




#31
Cyclohexane
Concen: 1.119 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072141.D
Acq: 21 Apr 2022 21:34

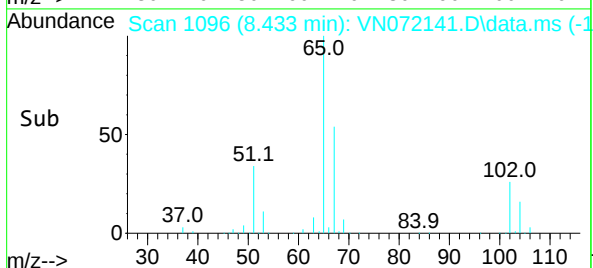
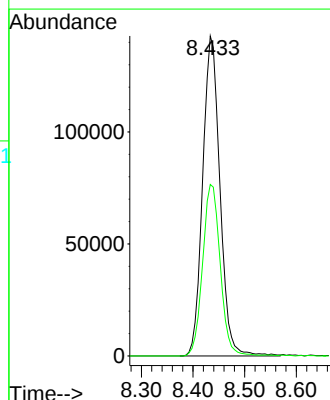
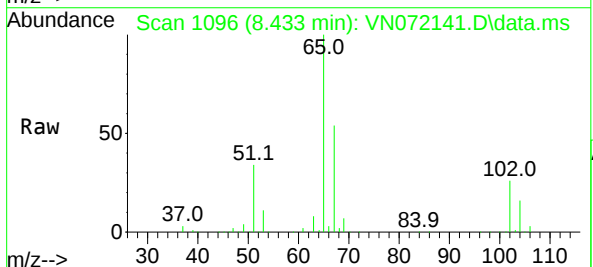
Instrument :
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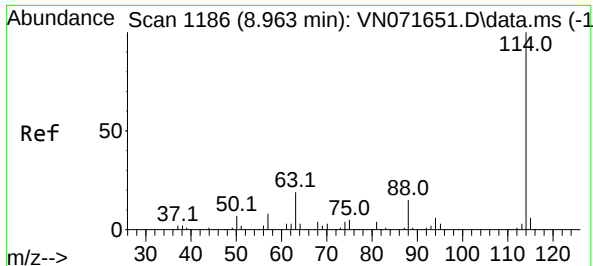
Tgt Ion: 56 Resp: 10875
Ion Ratio Lower Upper
56 100
69 185.4 27.8 41.8#
84 163.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 46.477 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072141.D
Acq: 21 Apr 2022 21:34

Tgt Ion: 65 Resp: 332066
Ion Ratio Lower Upper
65 100
67 54.4 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: VN072141.D

Acq: 21 Apr 2022 21:34

Instrument :

MSVOA_N

ClientSampleId :

MW-24

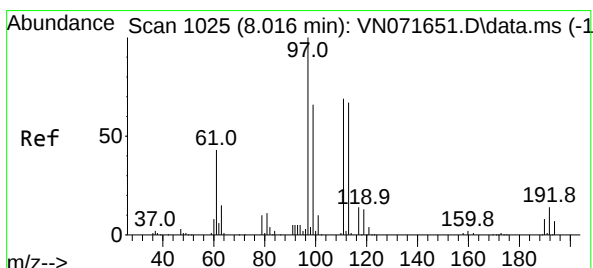
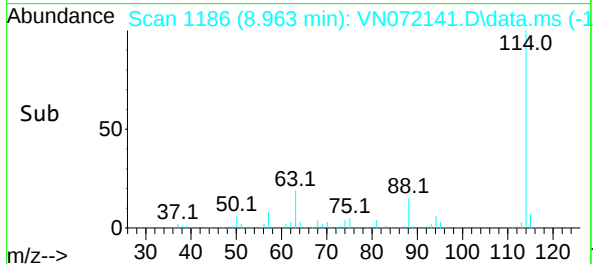
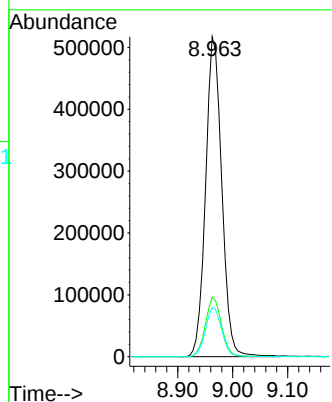
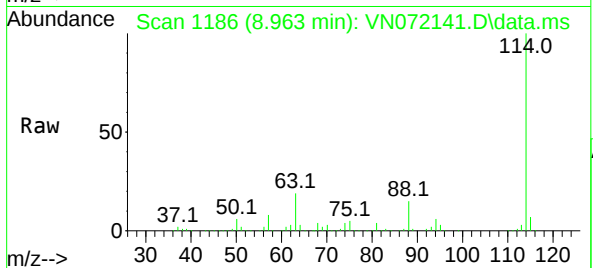
Tgt Ion:114 Resp: 1057704

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.986 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072141.D

Acq: 21 Apr 2022 21:34

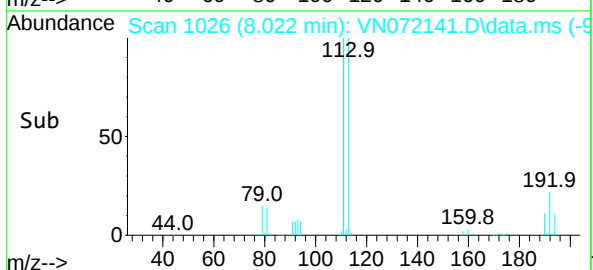
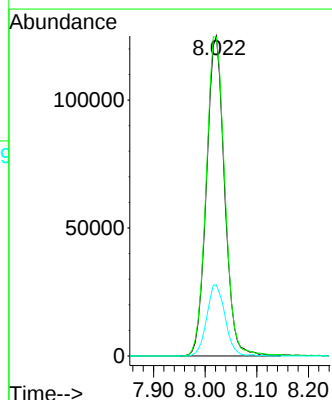
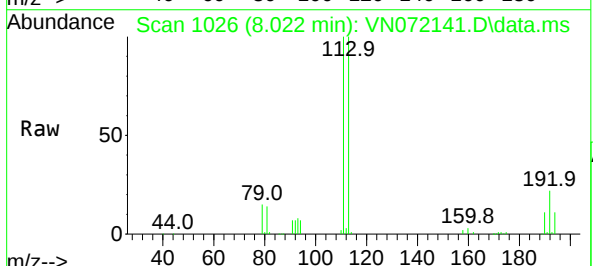
Tgt Ion:113 Resp: 304890

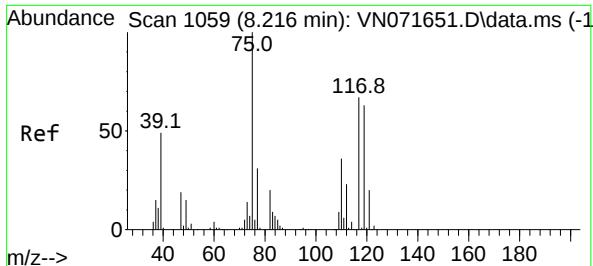
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 22.4 17.0 25.6

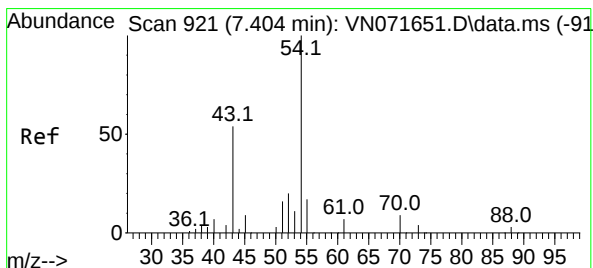
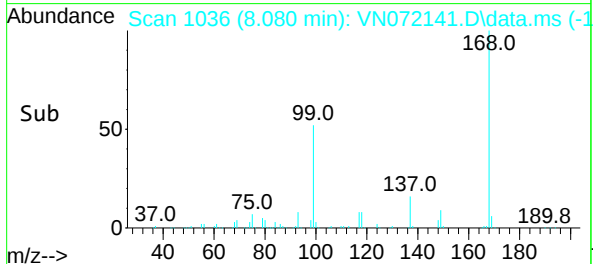
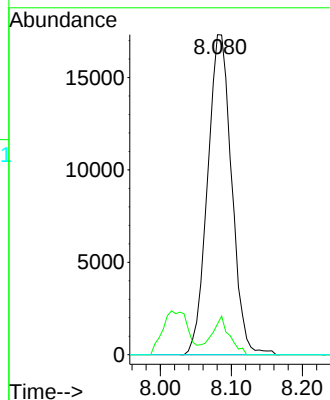
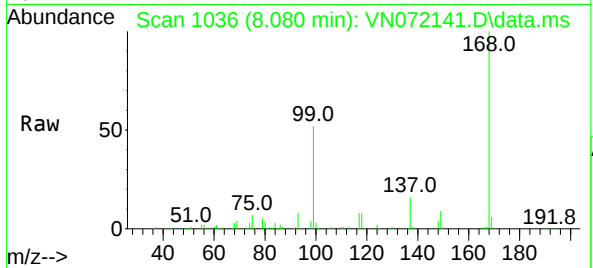




#36
1,1-Dichloropropene
Concen: 4.692 ug/l
RT: 8.080 min Scan# 1059
Delta R.T. -0.136 min
Lab File: VN072141.D
Acq: 21 Apr 2022 21:34

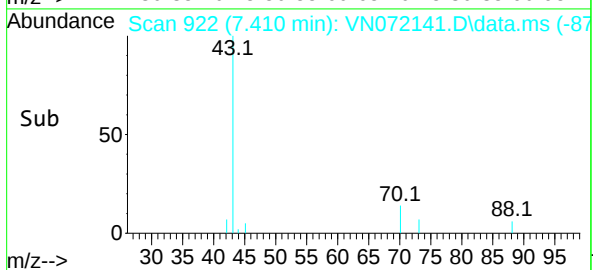
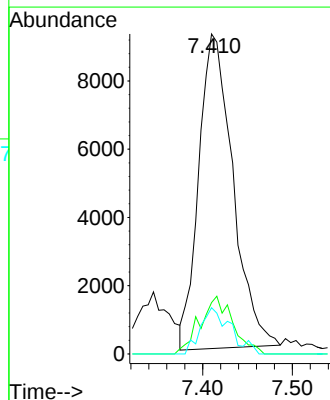
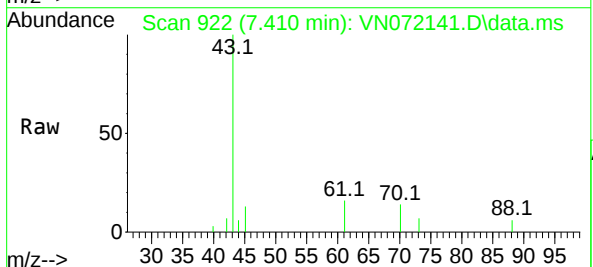
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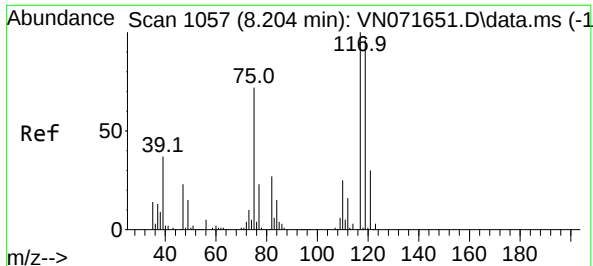
Tgt Ion: 75 Resp: 40783
Ion Ratio Lower Upper
75 100
110 8.7 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 2.557 ug/l
RT: 7.410 min Scan# 922
Delta R.T. 0.006 min
Lab File: VN072141.D
Acq: 21 Apr 2022 21:34

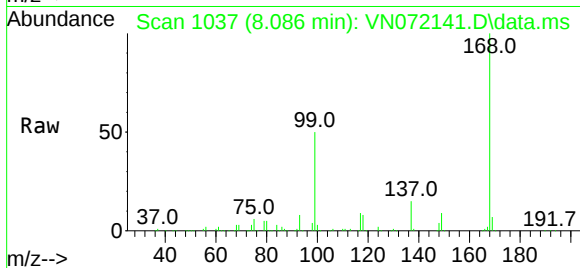
Tgt Ion: 43 Resp: 24329
Ion Ratio Lower Upper
43 100
61 17.7 11.8 17.6#
70 12.9 9.3 13.9



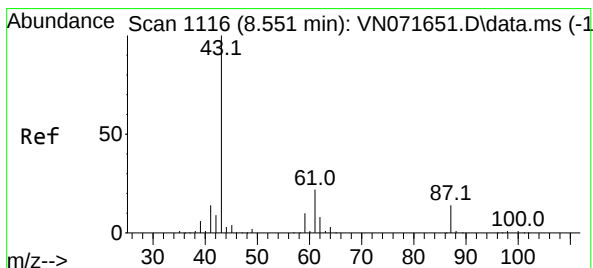
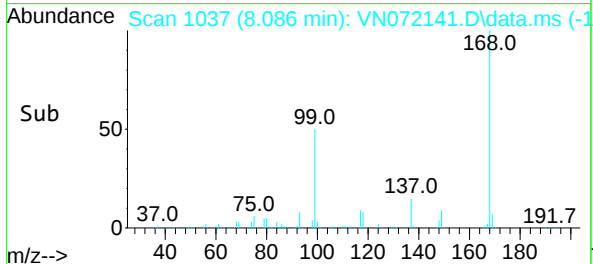
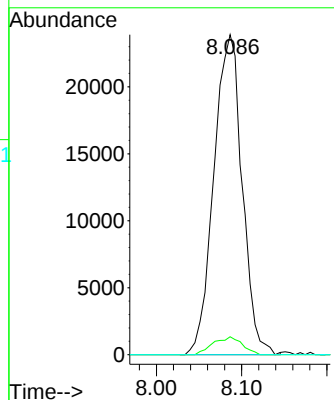


#38
Carbon Tetrachloride
Concen: 6.469 ug/l
RT: 8.086 min Scan# 1124
Delta R.T. -0.118 min
Lab File: VN072141.D
Acq: 21 Apr 2022 21:34

Instrument :
MSVOA_N
ClientSampleId :
MW-24

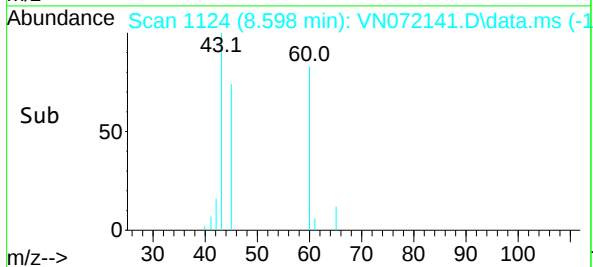
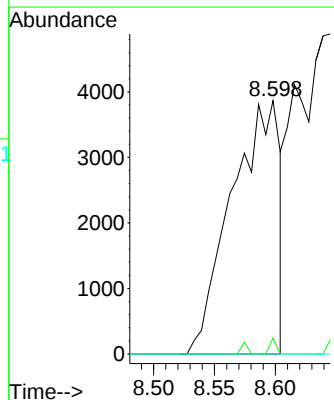
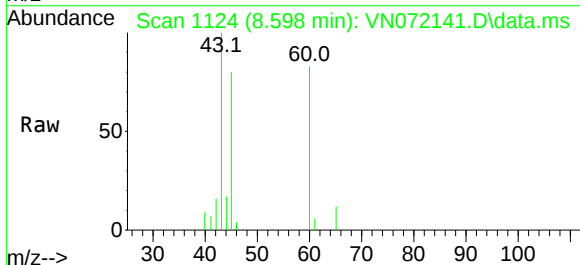


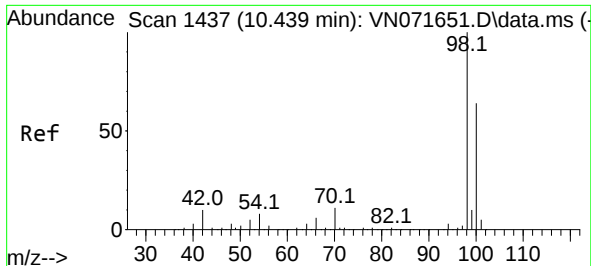
Tgt Ion:117 Resp: 55104
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.669 ug/l
RT: 8.598 min Scan# 1124
Delta R.T. 0.047 min
Lab File: VN072141.D
Acq: 21 Apr 2022 21:34

Tgt Ion: 43 Resp: 10587
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

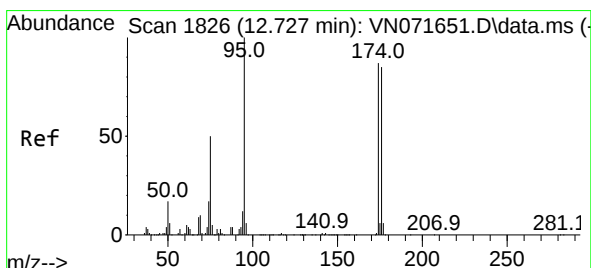
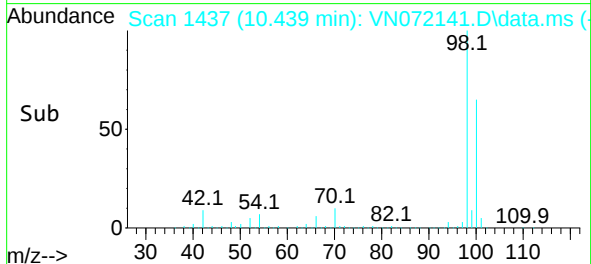
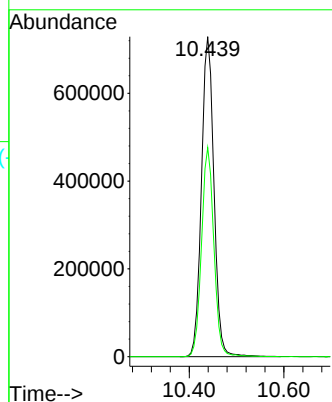
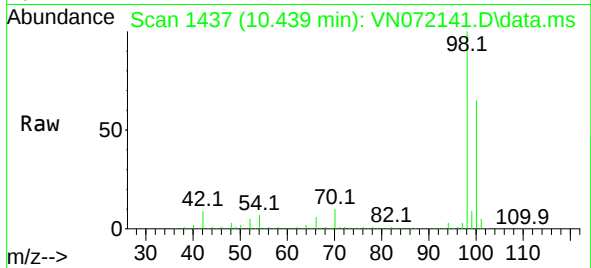




#50
Toluene-d8
Concen: 52.306 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072141.D
Acq: 21 Apr 2022 21:34

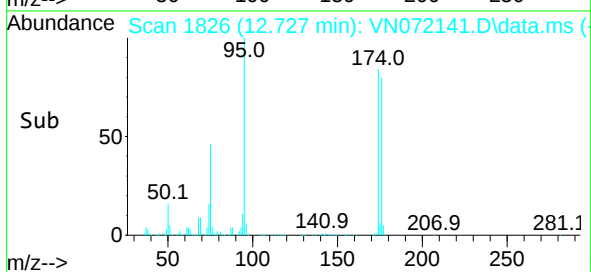
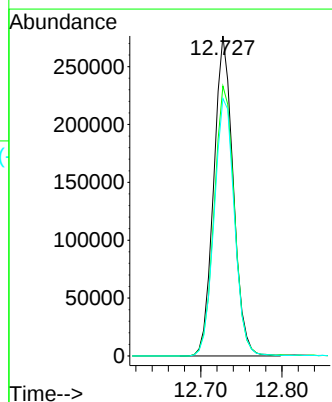
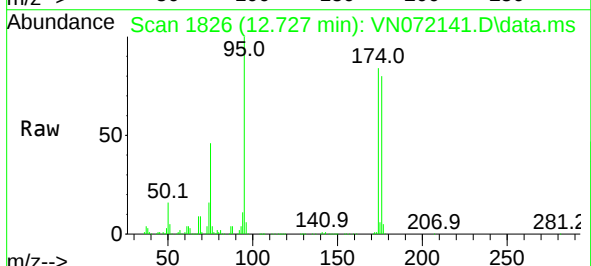
Instrument :
MSVOA_N
ClientSampleId :
MW-24

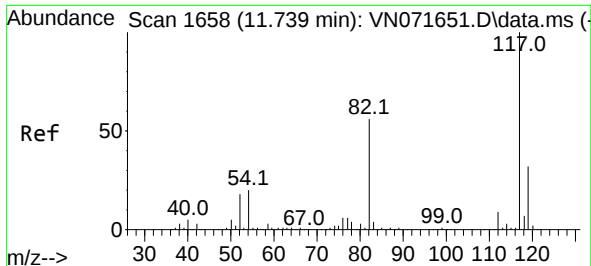
Tgt Ion: 98 Resp: 1331760
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.917 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072141.D
Acq: 21 Apr 2022 21:34

Tgt Ion: 95 Resp: 460449
Ion Ratio Lower Upper
95 100
174 87.4 0.0 167.6
176 83.8 0.0 163.4

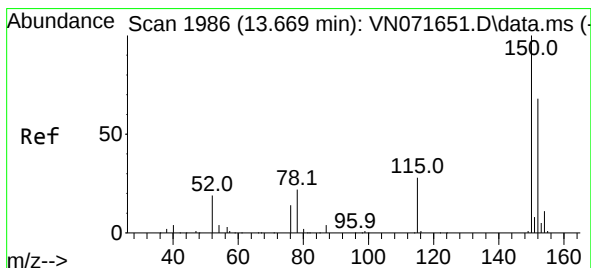
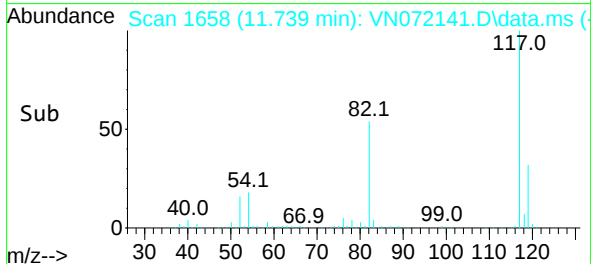
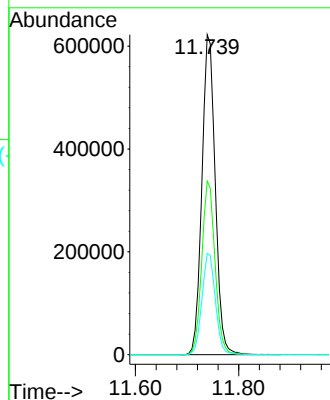
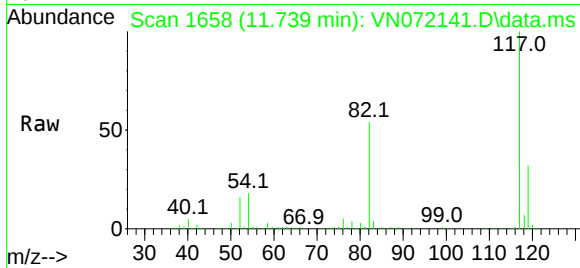




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072141.D
Acq: 21 Apr 2022 21:34

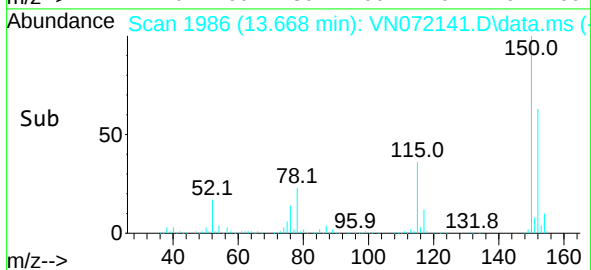
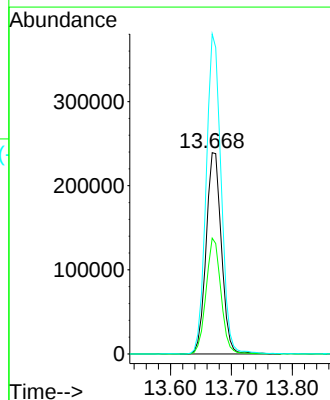
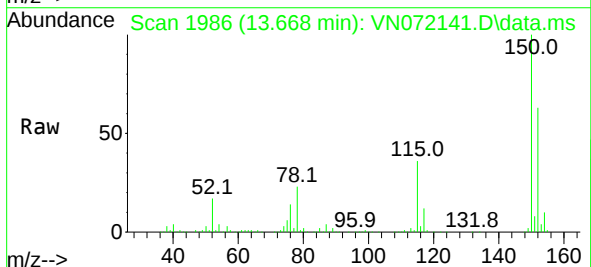
Instrument :
MSVOA_N
ClientSampleId :
MW-24

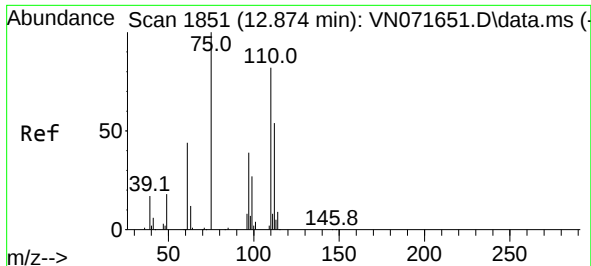
Tgt Ion:117 Resp: 1114782
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072141.D
Acq: 21 Apr 2022 21:34

Tgt Ion:152 Resp: 417940
Ion Ratio Lower Upper
152 100
115 56.0 28.9 86.7
150 155.9 0.0 356.2

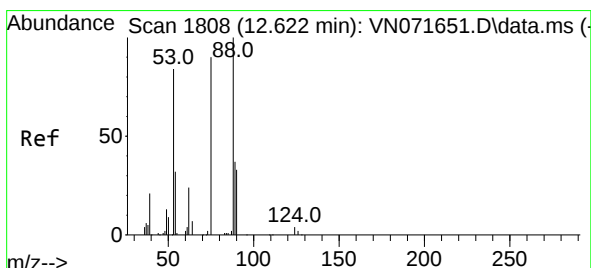
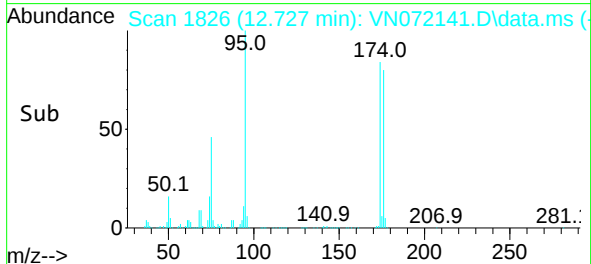
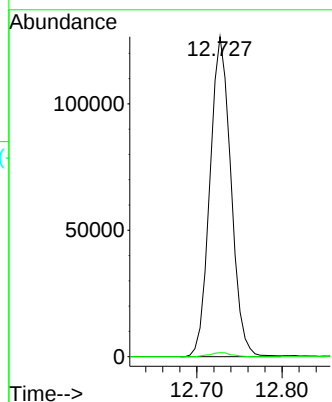
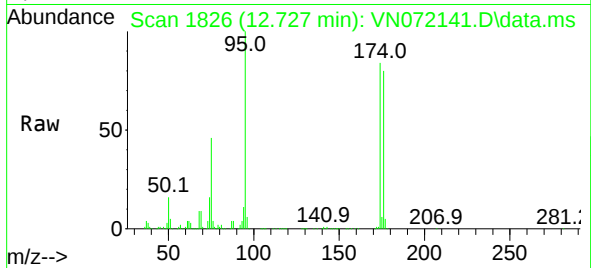




#76
1,2,3-Trichloropropane
Concen: 22.390 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072141.D
Acq: 21 Apr 2022 21:34

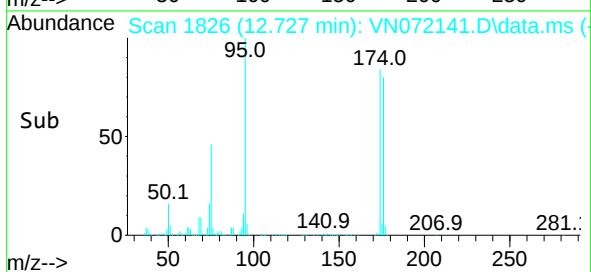
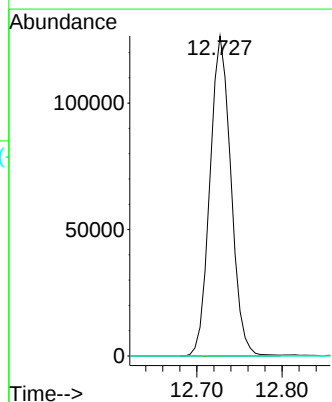
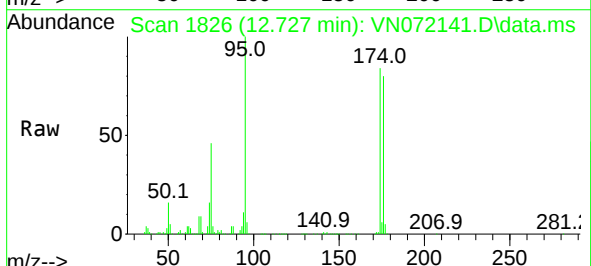
Instrument :
MSVOA_N
ClientSampleId :
MW-24

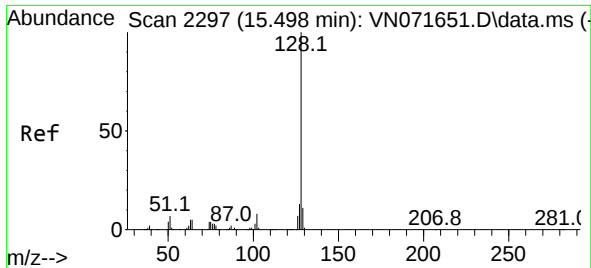
Tgt Ion: 75 Resp: 216779
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.386 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072141.D
Acq: 21 Apr 2022 21:34

Tgt Ion: 75 Resp: 216779
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95

Naphthalene

Concen: 3.999 ug/l

RT: 15.503 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN072141.D

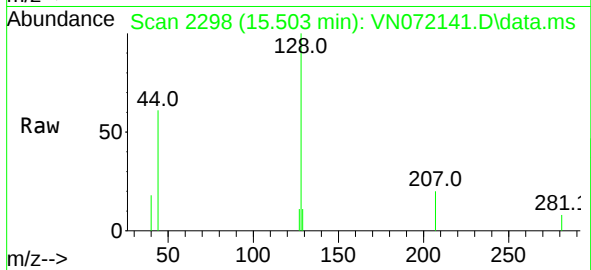
Acq: 21 Apr 2022 21:34

Instrument :

MSVOA_N

ClientSampleId :

MW-24



Tgt Ion:128 Resp: 4033

Ion Ratio Lower Upper

128 100

127 9.2 10.3 15.5#

129 2.7 8.6 13.0#

