

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072138.D
 Acq On : 21 Apr 2022 20:21
 Operator : JC\MD
 Sample : N2481-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8R

Quant Time: Apr 22 01:27:11 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)

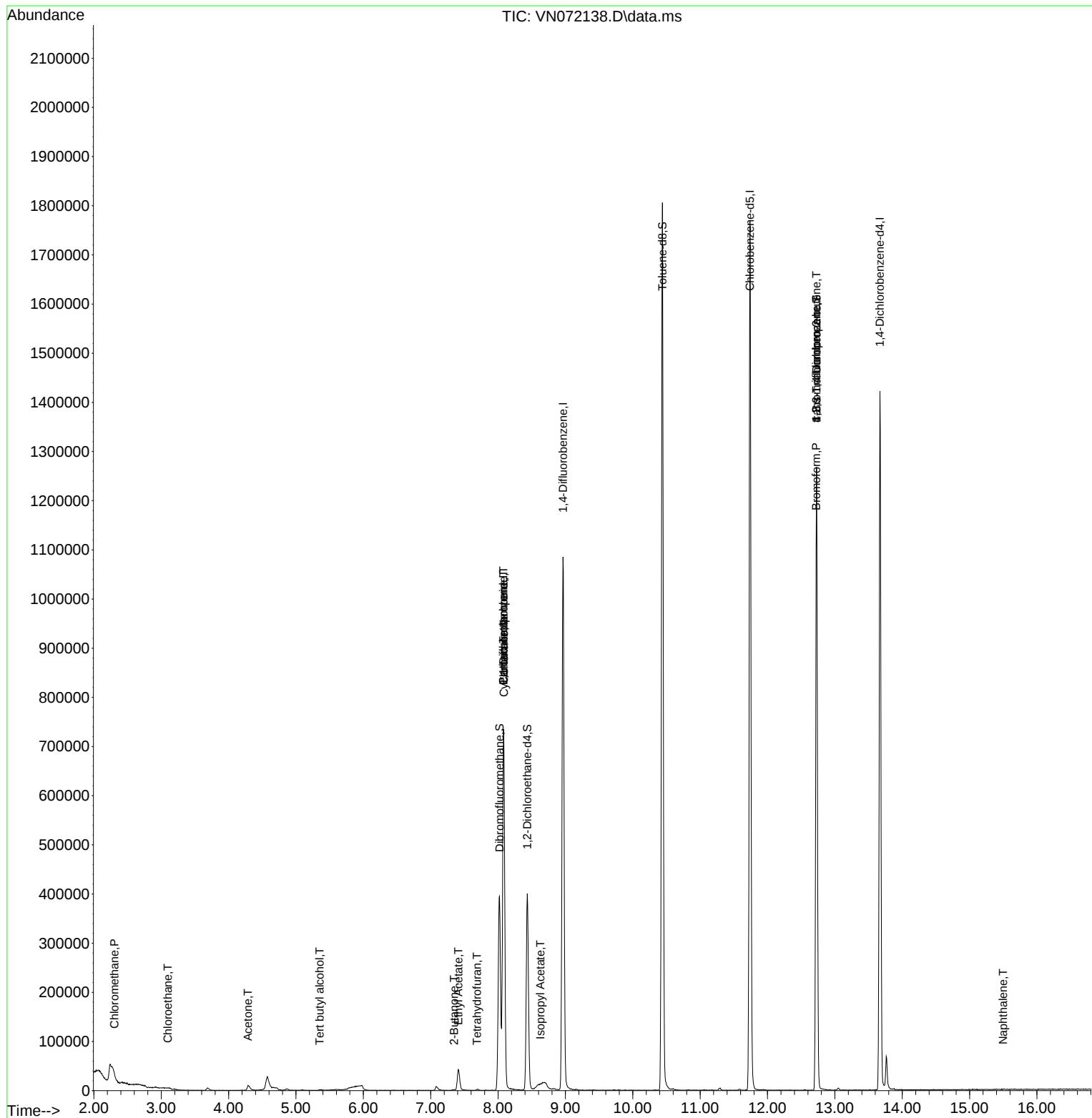
Internal Standards						
1) Pentafluorobenzene	8.080	168	609623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1048133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1118382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	434015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	329051	47.280	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.560%		
35) Dibromofluoromethane	8.022	113	301101	48.819	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.640%		
50) Toluene-d8	10.439	98	1330686	52.741	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.480%		
62) 4-Bromofluorobenzene	12.727	95	461699	56.581	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	113.160%		
Target Compounds						Qvalue
3) Chloromethane	2.304	50	1808	0.294	ug/l #	43
6) Chloroethane	3.098	64	986	0.203	ug/l #	42
11) Tert butyl alcohol	5.351	59	1133	1.003	ug/l	100
16) Acetone	4.287	43	14534	4.887	ug/l	89
18) Methyl Acetate	4.869	43	5902	Below Cal		99
25) 2-Butanone	7.345	43	2252	0.525	ug/l #	75
29) Tetrahydrofuran	7.686	42	1385	0.499	ug/l #	29
31) Cyclohexane	8.086	56	11115	1.174	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	39874	4.630	ug/l #	49
37) Ethyl Acetate	7.410	43	61963	6.573	ug/l #	94
38) Carbon Tetrachloride	8.080	117	53458	6.333	ug/l #	16
43) Isopropyl Acetate	8.627	43	17175	1.095	ug/l #	53
71) Bromoform	12.721	173	1420	0.231	ug/l #	28
76) 1,2,3-Trichloropropane	12.727	75	217716	21.654	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	217716	67.105	ug/l #	10
95) Naphthalene	15.498	128	730	3.837	ug/l #	69

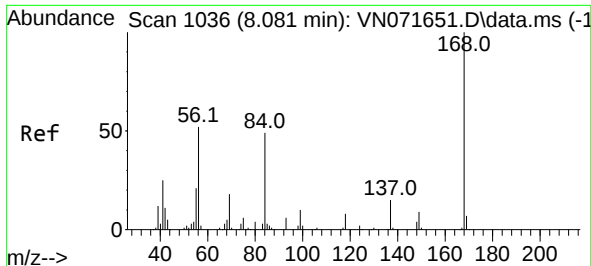
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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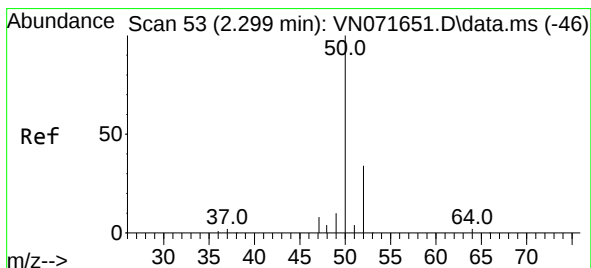
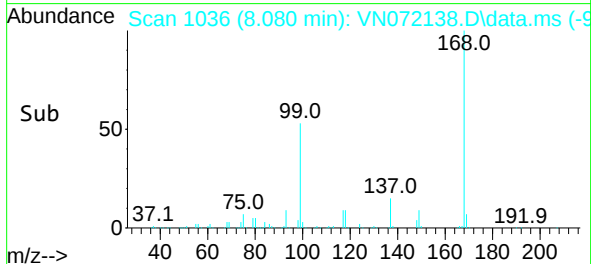
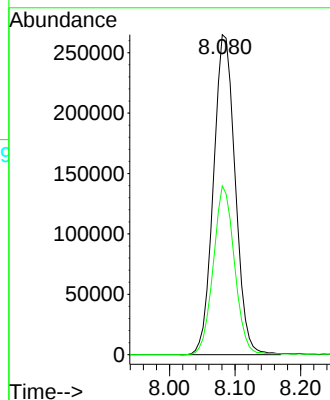
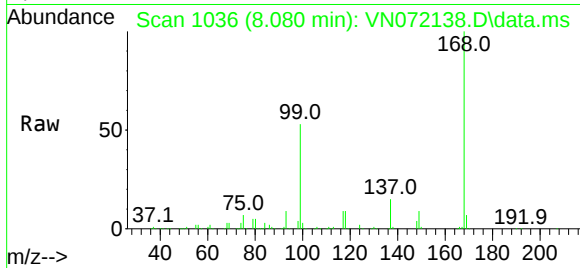




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072138.D
Acq: 21 Apr 2022 20:21

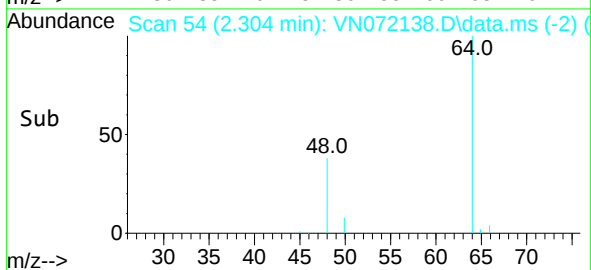
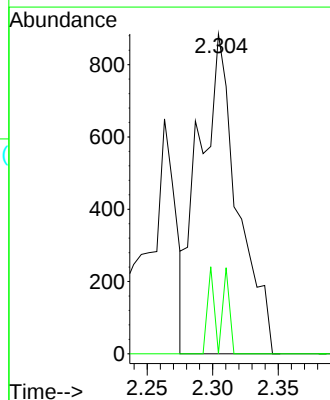
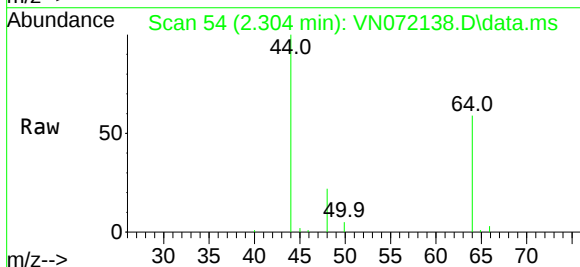
Instrument :
MSVOA_N
ClientSampleId :
MW-8R

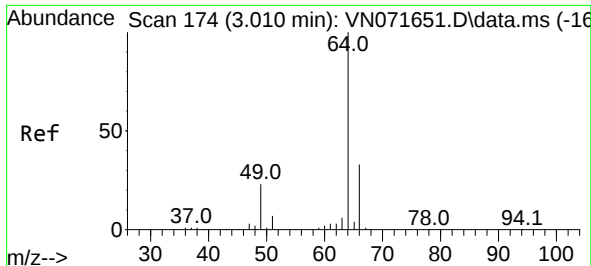
Tgt Ion:168 Resp: 609623
Ion Ratio Lower Upper
168 100
99 52.8 42.3 63.5



#3
Chloromethane
Concen: 0.294 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072138.D
Acq: 21 Apr 2022 20:21

Tgt Ion: 50 Resp: 1808
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

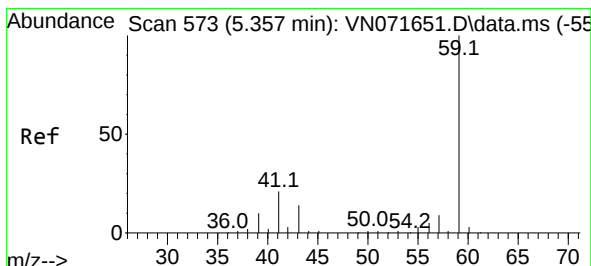
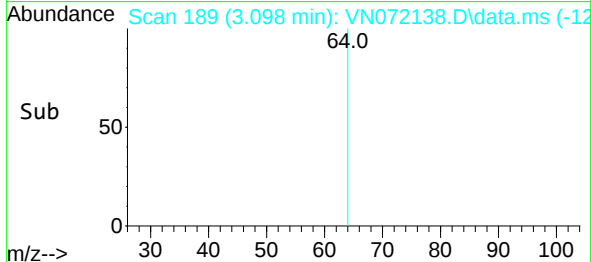
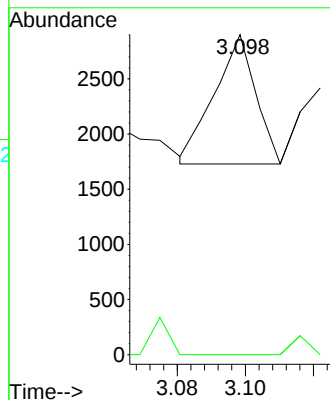
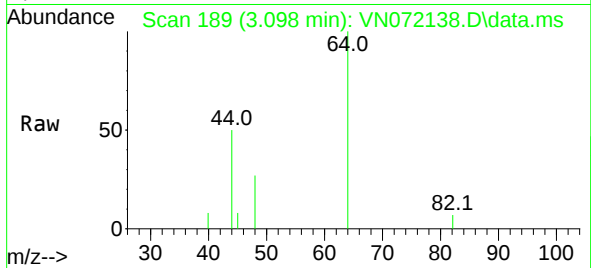




#6
Chloroethane
Concen: 0.203 ug/l
RT: 3.098 min Scan# 11
Delta R.T. 0.088 min
Lab File: VN072138.D
Acq: 21 Apr 2022 20:21

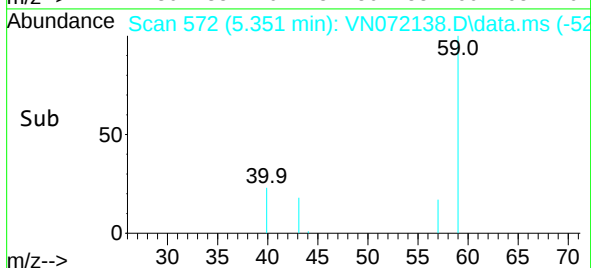
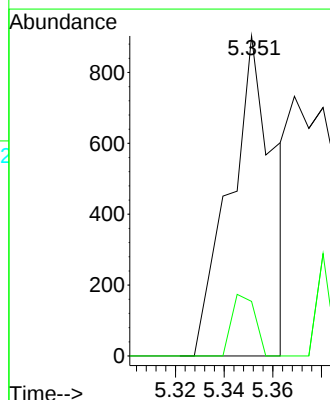
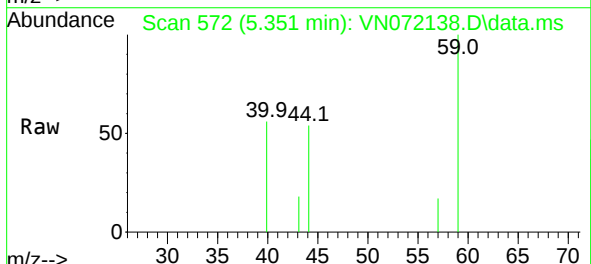
Instrument :
MSVOA_N
ClientSampleId :
MW-8R

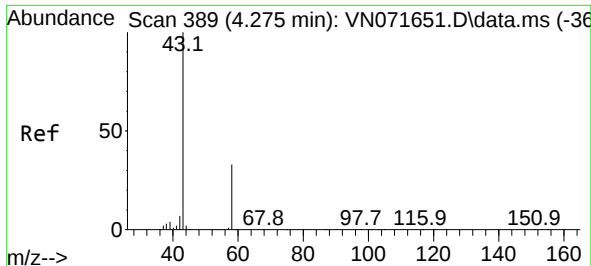
Tgt Ion: 64 Resp: 986
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 1.003 ug/l
RT: 5.351 min Scan# 572
Delta R.T. -0.006 min
Lab File: VN072138.D
Acq: 21 Apr 2022 20:21

Tgt Ion: 59 Resp: 1133
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

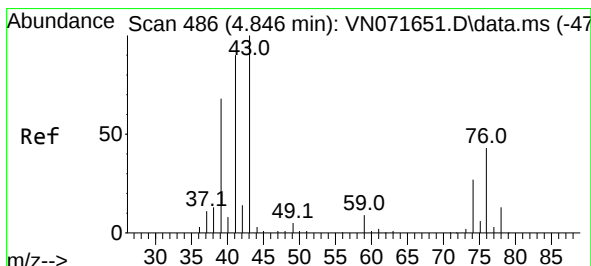
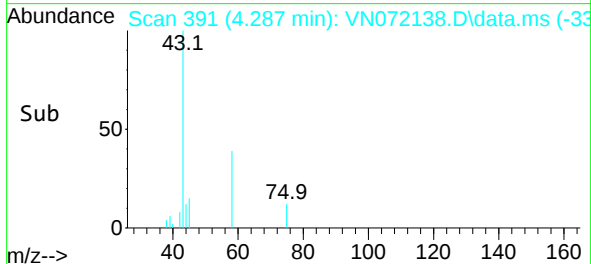
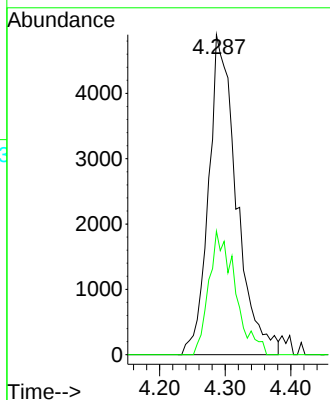
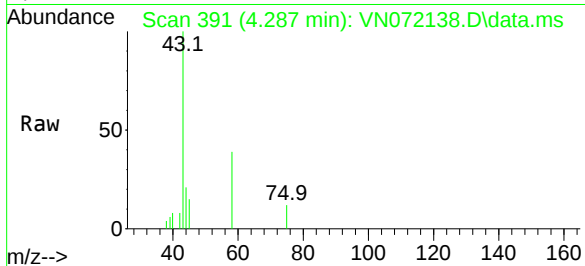




#16
Acetone
Concen: 4.887 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072138.D
Acq: 21 Apr 2022 20:21

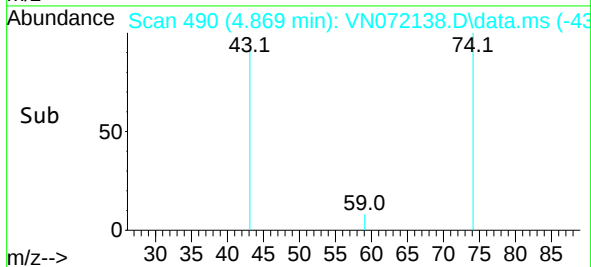
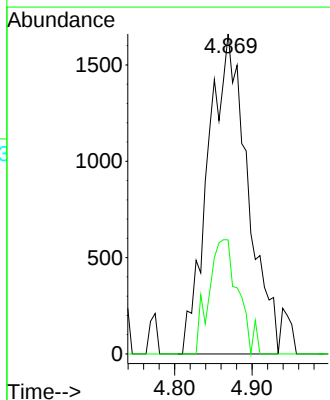
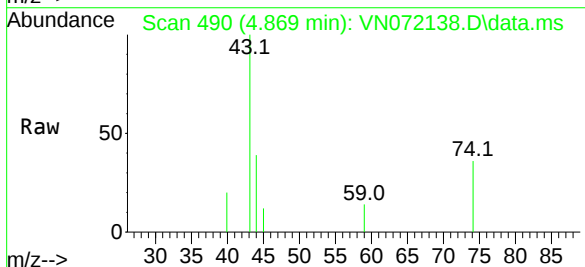
Instrument :
MSVOA_N
ClientSampleId :
MW-8R

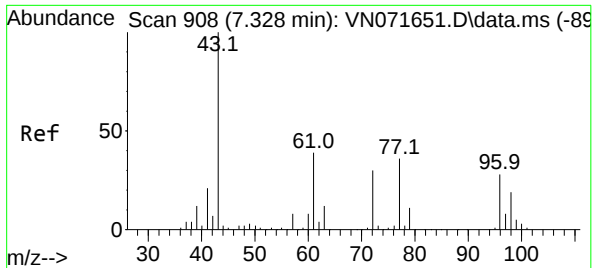
Tgt Ion: 43 Resp: 14534
Ion Ratio Lower Upper
43 100
58 38.6 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 490
Delta R.T. 0.023 min
Lab File: VN072138.D
Acq: 21 Apr 2022 20:21

Tgt Ion: 43 Resp: 5902
Ion Ratio Lower Upper
43 100
74 26.5 21.6 32.4





#25

2-Butanone

Concen: 0.525 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.017 min

Lab File: VN072138.D

Acq: 21 Apr 2022 20:21

Instrument :

MSVOA_N

ClientSampleId :

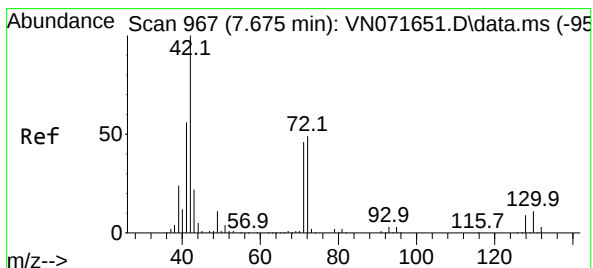
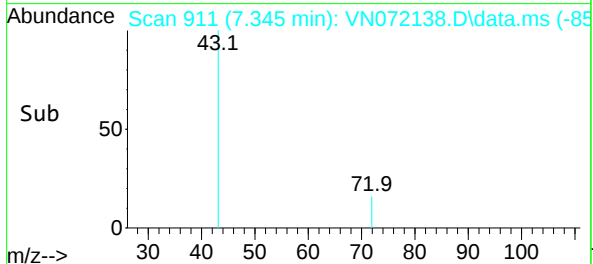
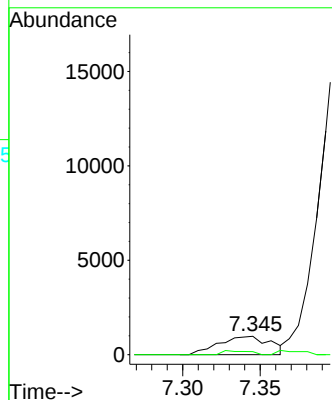
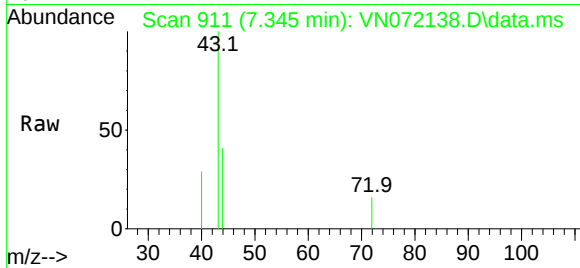
MW-8R

Tgt Ion: 43 Resp: 2252

Ion Ratio Lower Upper

43 100

72 16.1 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.499 ug/l

RT: 7.686 min Scan# 969

Delta R.T. 0.011 min

Lab File: VN072138.D

Acq: 21 Apr 2022 20:21

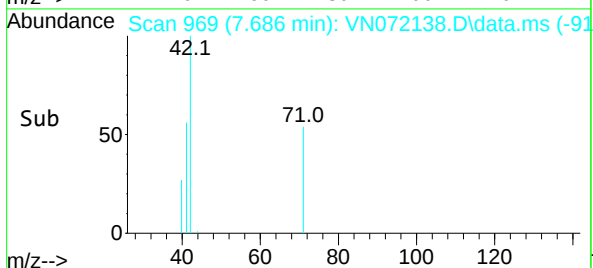
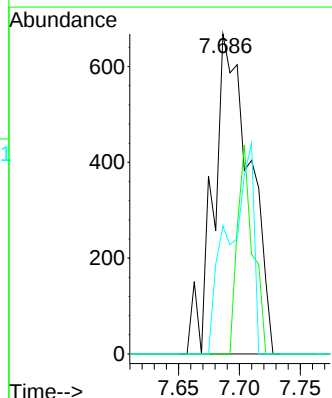
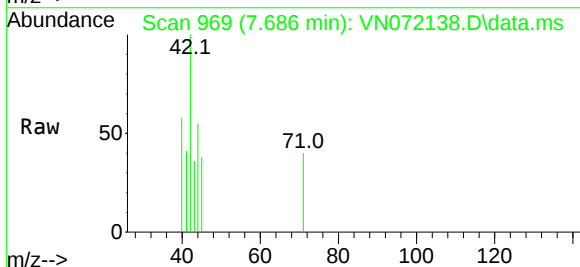
Tgt Ion: 42 Resp: 1385

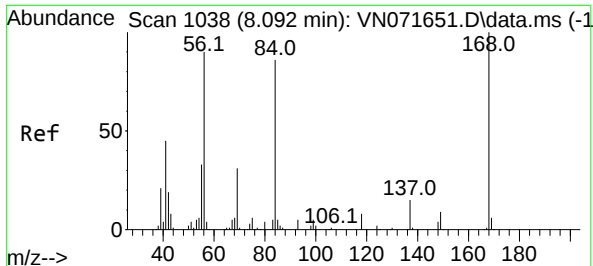
Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 0.0 36.6 55.0#

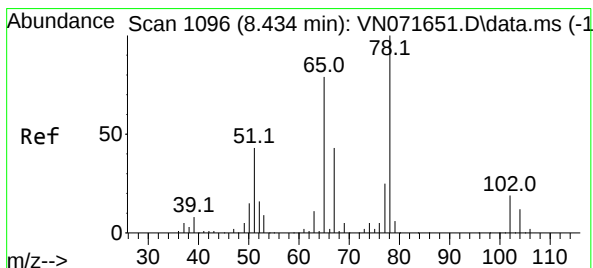
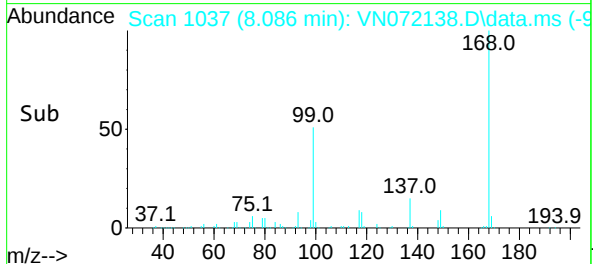
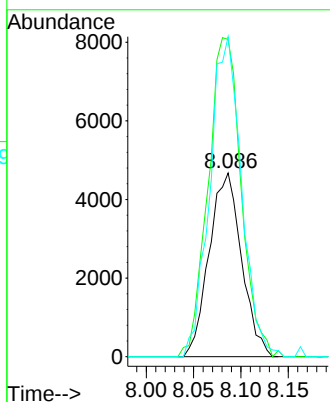
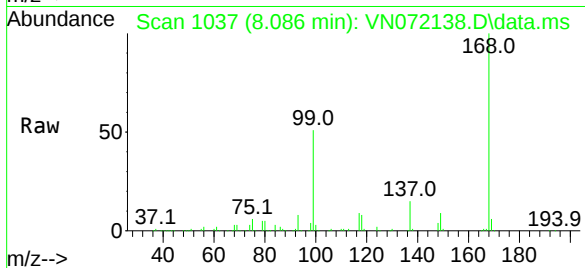




#31
Cyclohexane
Concen: 1.174 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072138.D
Acq: 21 Apr 2022 20:21

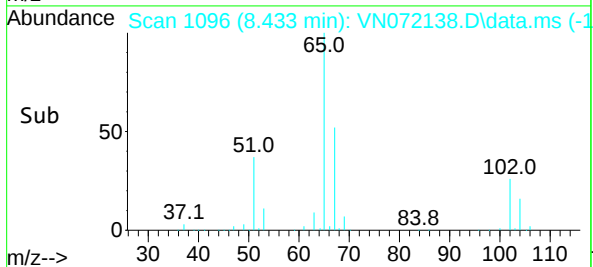
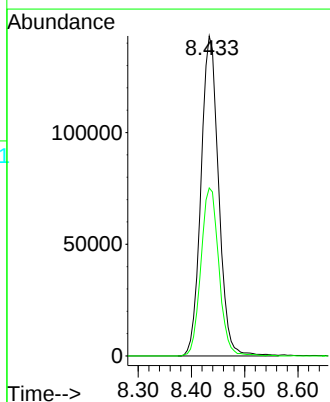
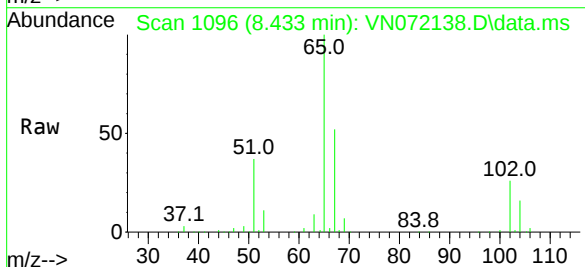
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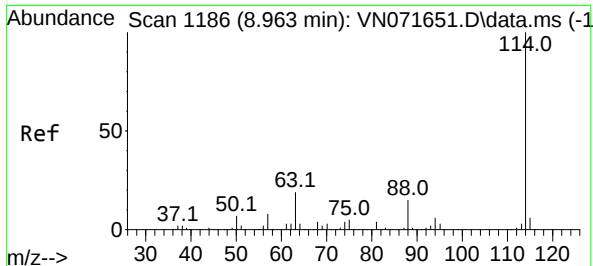
Tgt Ion: 56 Resp: 11115
Ion Ratio Lower Upper
56 100
69 172.7 27.8 41.8#
84 174.2 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.280 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072138.D
Acq: 21 Apr 2022 20:21

Tgt Ion: 65 Resp: 329051
Ion Ratio Lower Upper
65 100
67 53.5 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: VN072138.D

Acq: 21 Apr 2022 20:21

Instrument :

MSVOA_N

ClientSampleId :

MW-8R

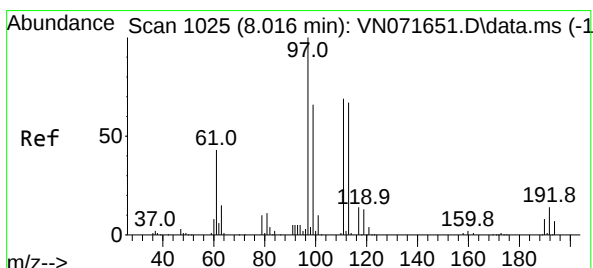
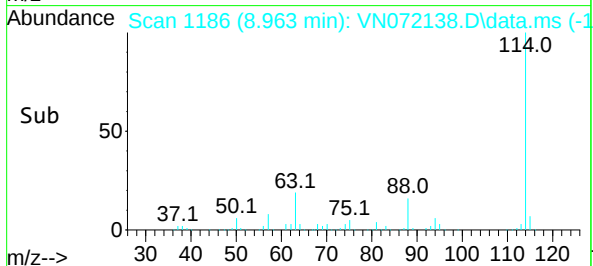
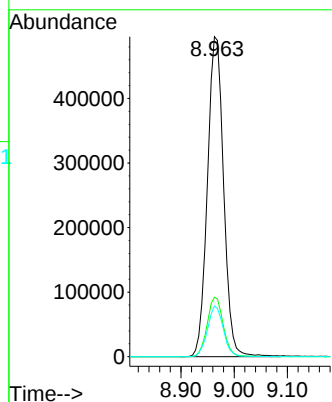
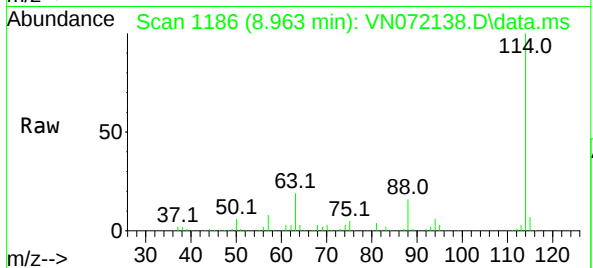
Tgt Ion:114 Resp: 1048133

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.819 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072138.D

Acq: 21 Apr 2022 20:21

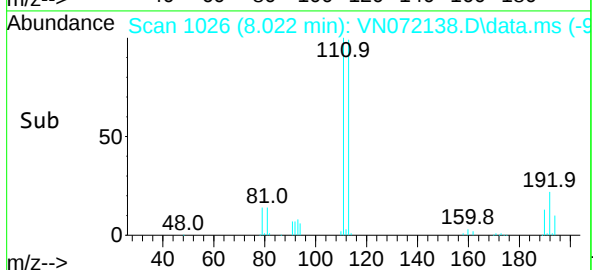
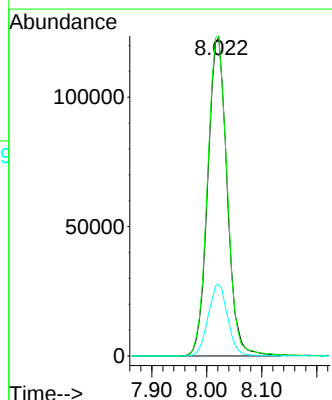
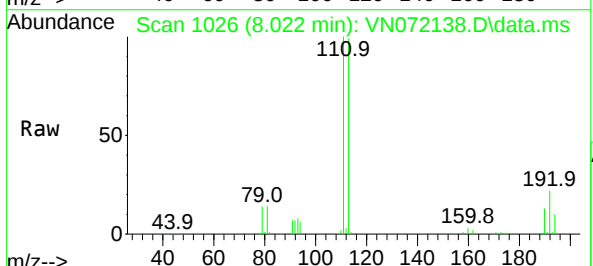
Tgt Ion:113 Resp: 301101

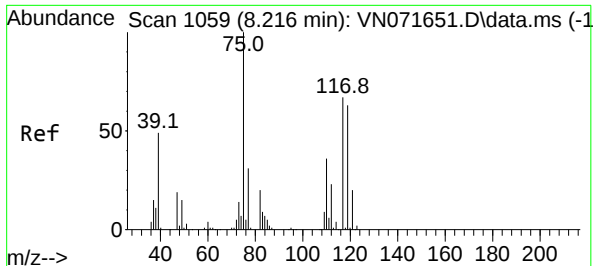
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 22.6 17.0 25.6

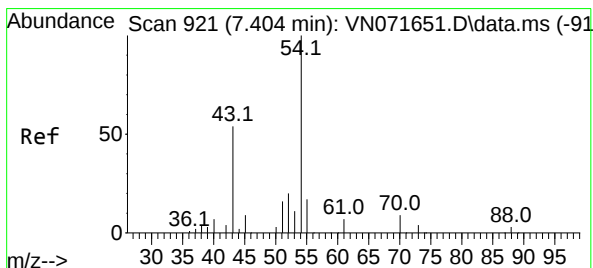
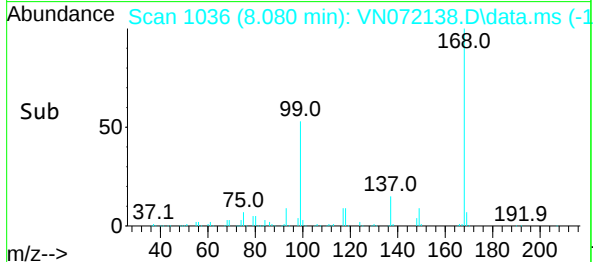
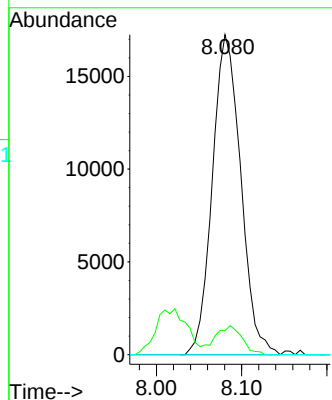
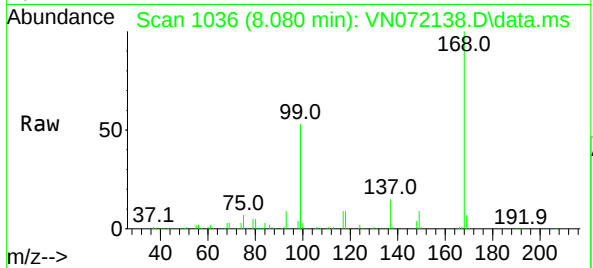




#36
1,1-Dichloropropene
Concen: 4.630 ug/l
RT: 8.080 min Scan# 1059
Delta R.T. -0.136 min
Lab File: VN072138.D
Acq: 21 Apr 2022 20:21

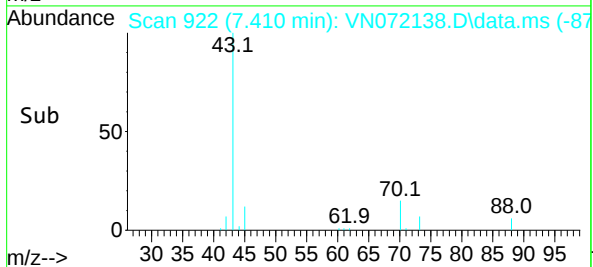
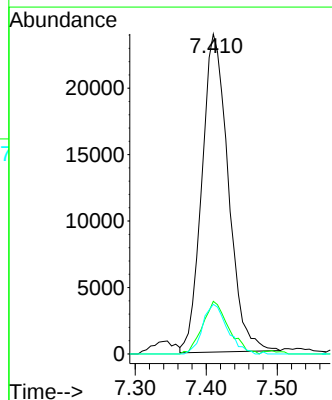
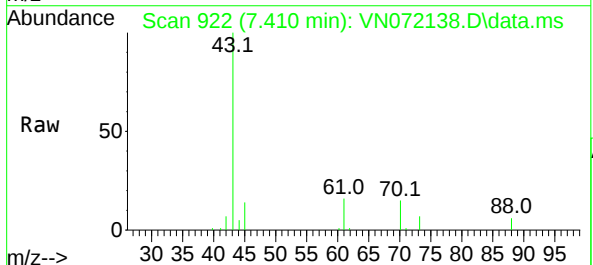
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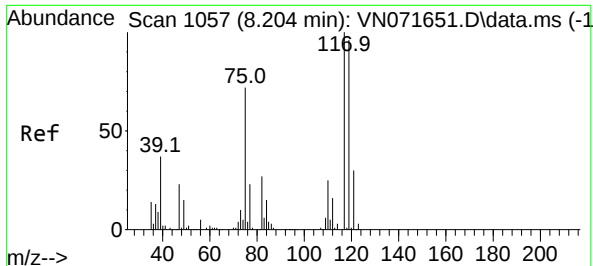
Tgt Ion: 75 Resp: 39874
Ion Ratio Lower Upper
75 100
110 8.7 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 6.573 ug/l
RT: 7.410 min Scan# 922
Delta R.T. 0.006 min
Lab File: VN072138.D
Acq: 21 Apr 2022 20:21

Tgt Ion: 43 Resp: 61963
Ion Ratio Lower Upper
43 100
61 16.3 11.8 17.6
70 14.7 9.3 13.9#

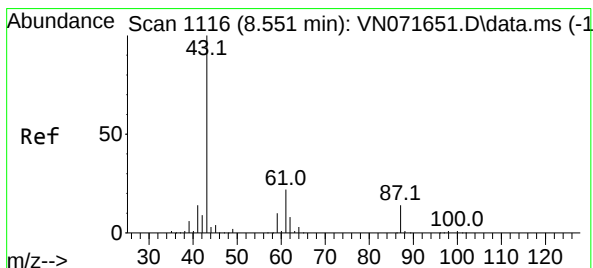
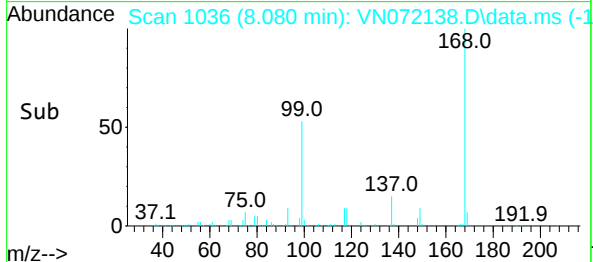
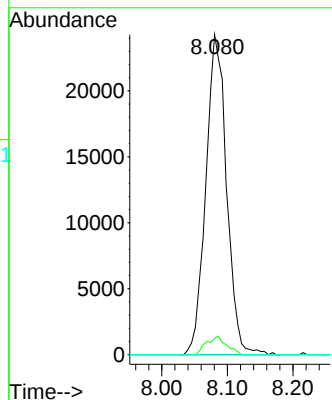
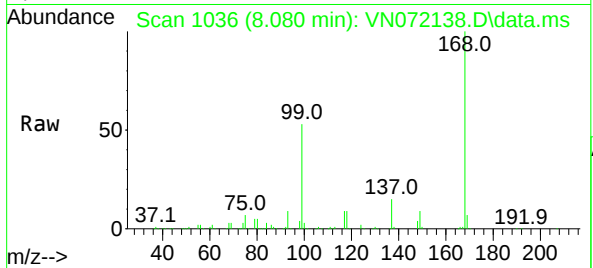




#38
Carbon Tetrachloride
Concen: 6.333 ug/l
RT: 8.080 min Scan# 1129
Delta R.T. -0.124 min
Lab File: VN072138.D
Acq: 21 Apr 2022 20:21

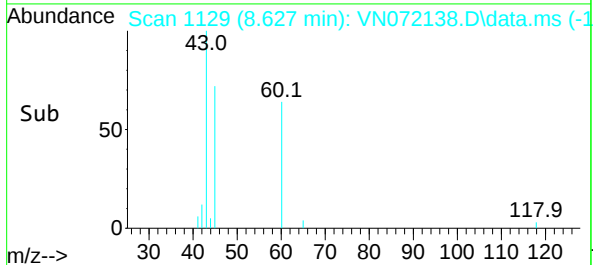
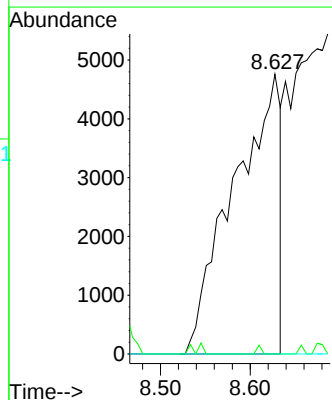
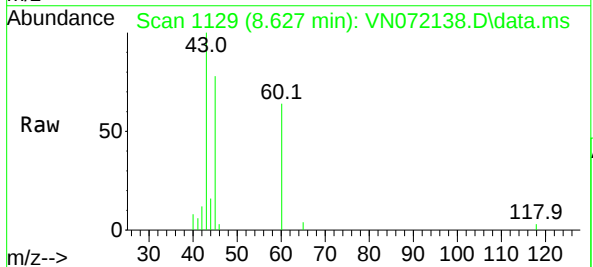
Instrument :
MSVOA_N
ClientSampleId :
MW-8R

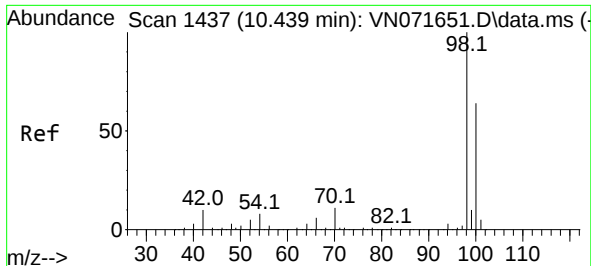
Tgt Ion: 117 Resp: 53458
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.095 ug/l
RT: 8.627 min Scan# 1129
Delta R.T. 0.076 min
Lab File: VN072138.D
Acq: 21 Apr 2022 20:21

Tgt Ion: 43 Resp: 17175
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

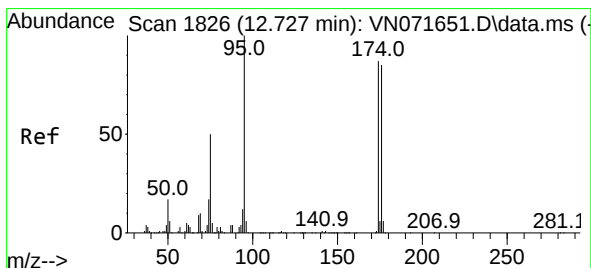
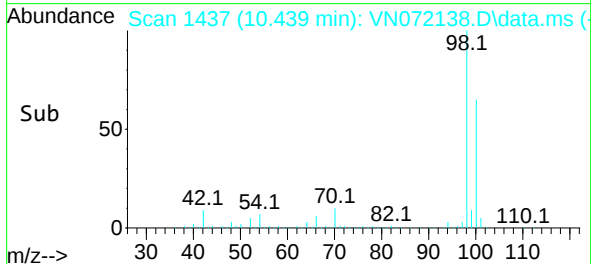
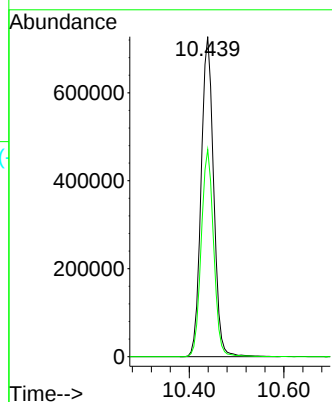
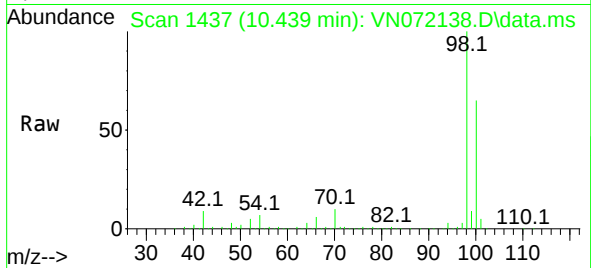




#50
Toluene-d8
Concen: 52.741 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072138.D
Acq: 21 Apr 2022 20:21

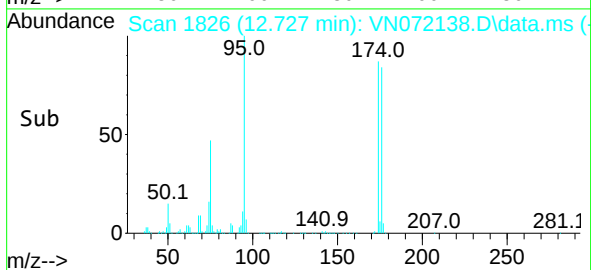
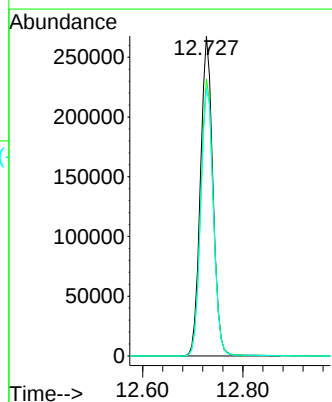
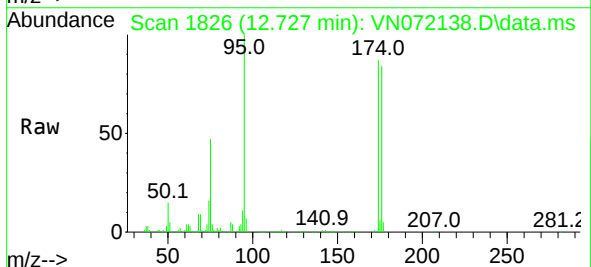
Instrument :
MSVOA_N
ClientSampleId :
MW-8R

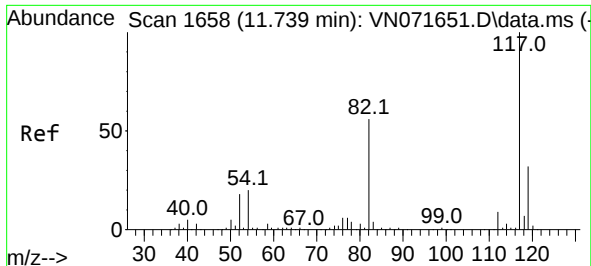
Tgt Ion: 98 Resp: 1330686
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 56.581 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072138.D
Acq: 21 Apr 2022 20:21

Tgt Ion: 95 Resp: 461699
Ion Ratio Lower Upper
95 100
174 87.7 0.0 167.6
176 84.9 0.0 163.4

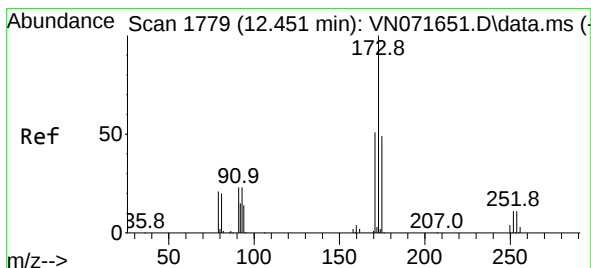
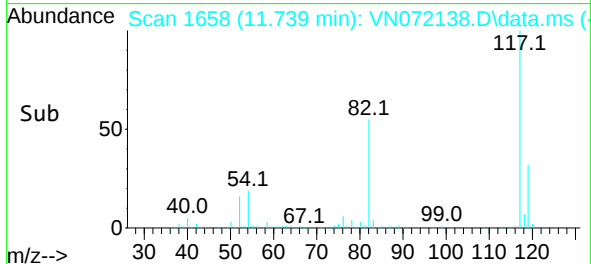
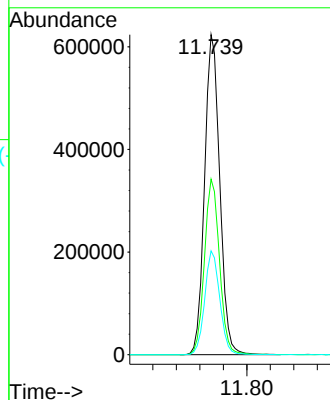
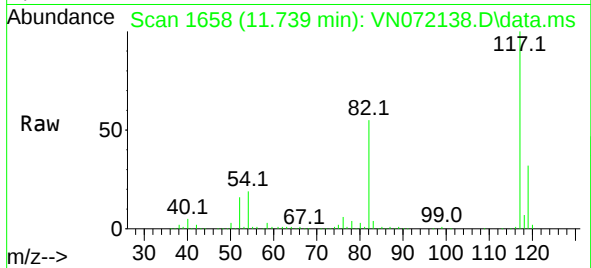




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072138.D
Acq: 21 Apr 2022 20:21

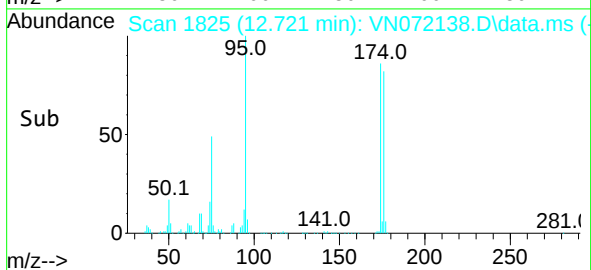
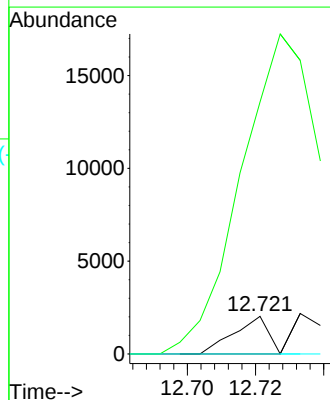
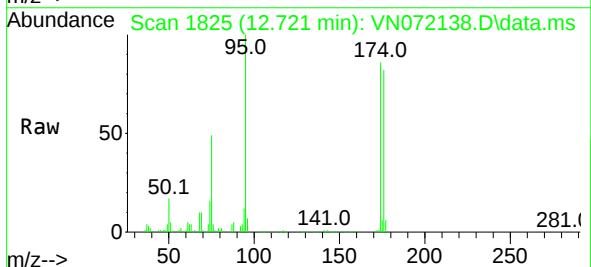
Instrument :
MSVOA_N
ClientSampleId :
MW-8R

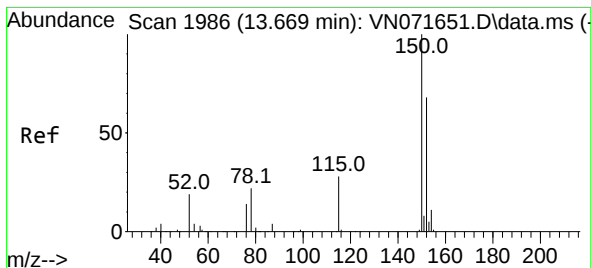
Tgt Ion:117 Resp: 1118382
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.4 25.4 38.0



#71
Bromoform
Concen: 0.231 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN072138.D
Acq: 21 Apr 2022 20:21

Tgt Ion:173 Resp: 1420
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

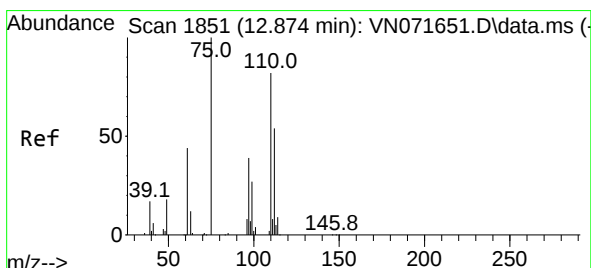
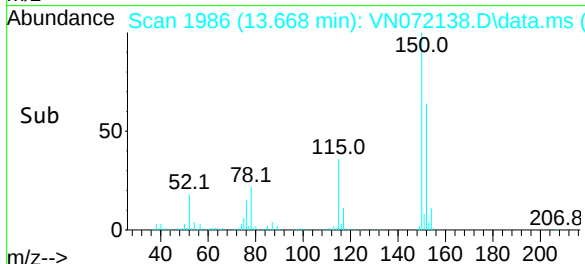
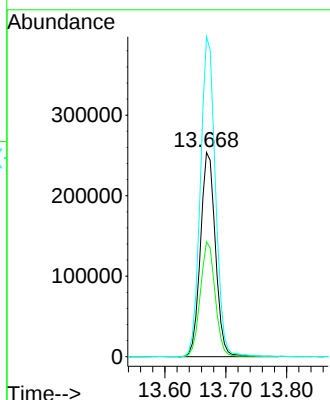
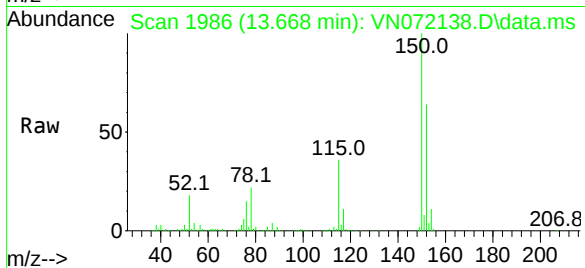




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072138.D
 Acq: 21 Apr 2022 20:21

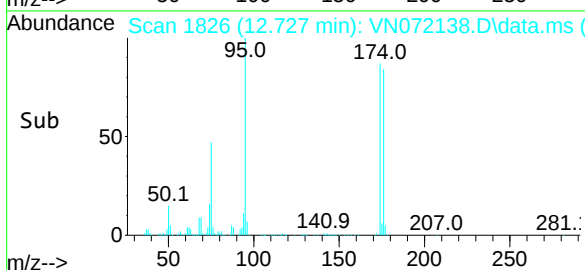
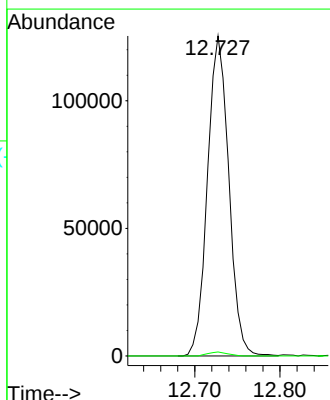
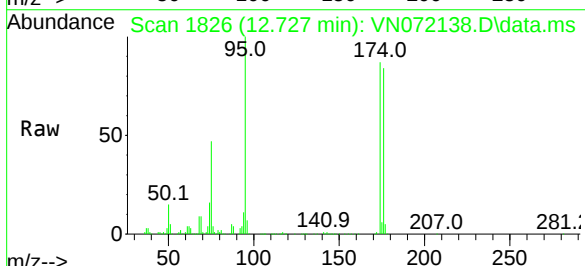
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8R

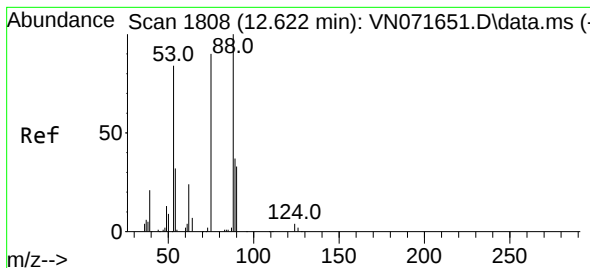
Tgt Ion:152 Resp: 434015
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.9 86.7
 150 157.0 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.654 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072138.D
 Acq: 21 Apr 2022 20:21

Tgt Ion: 75 Resp: 217716
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.5 295.5#

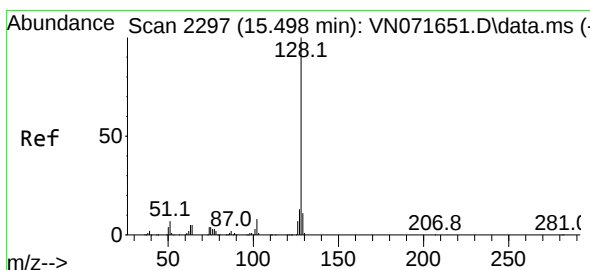
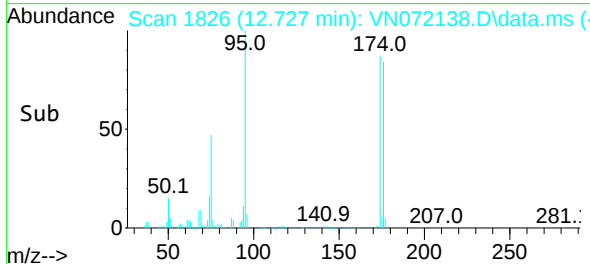
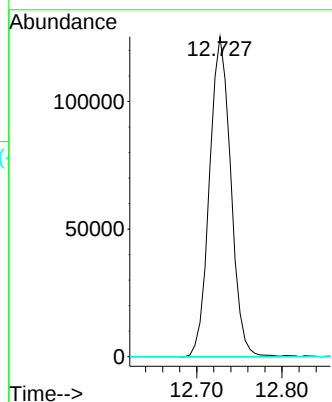
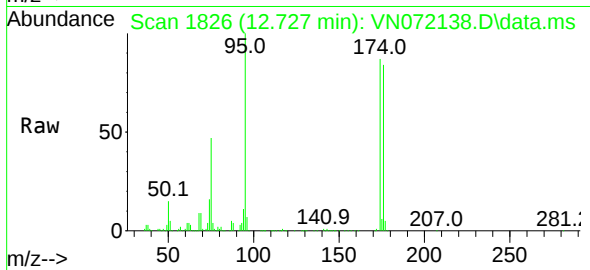




#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.105 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. 0.105 min
 Lab File: VN072138.D
 Acq: 21 Apr 2022 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8R

Tgt Ion: 75 Resp: 217716
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#



#95
 Naphthalene
 Concen: 3.837 ug/l
 RT: 15.498 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VN072138.D
 Acq: 21 Apr 2022 20:21

Tgt Ion: 128 Resp: 730
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.6 13.0#

