

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074146.D
 Acq On : 26 Aug 2022 19:28
 Operator : JC\MD
 Sample : N4297-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D2-20220820

Quant Time: Aug 27 00:22:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:44:47 2022
 Response via : Initial Calibration

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

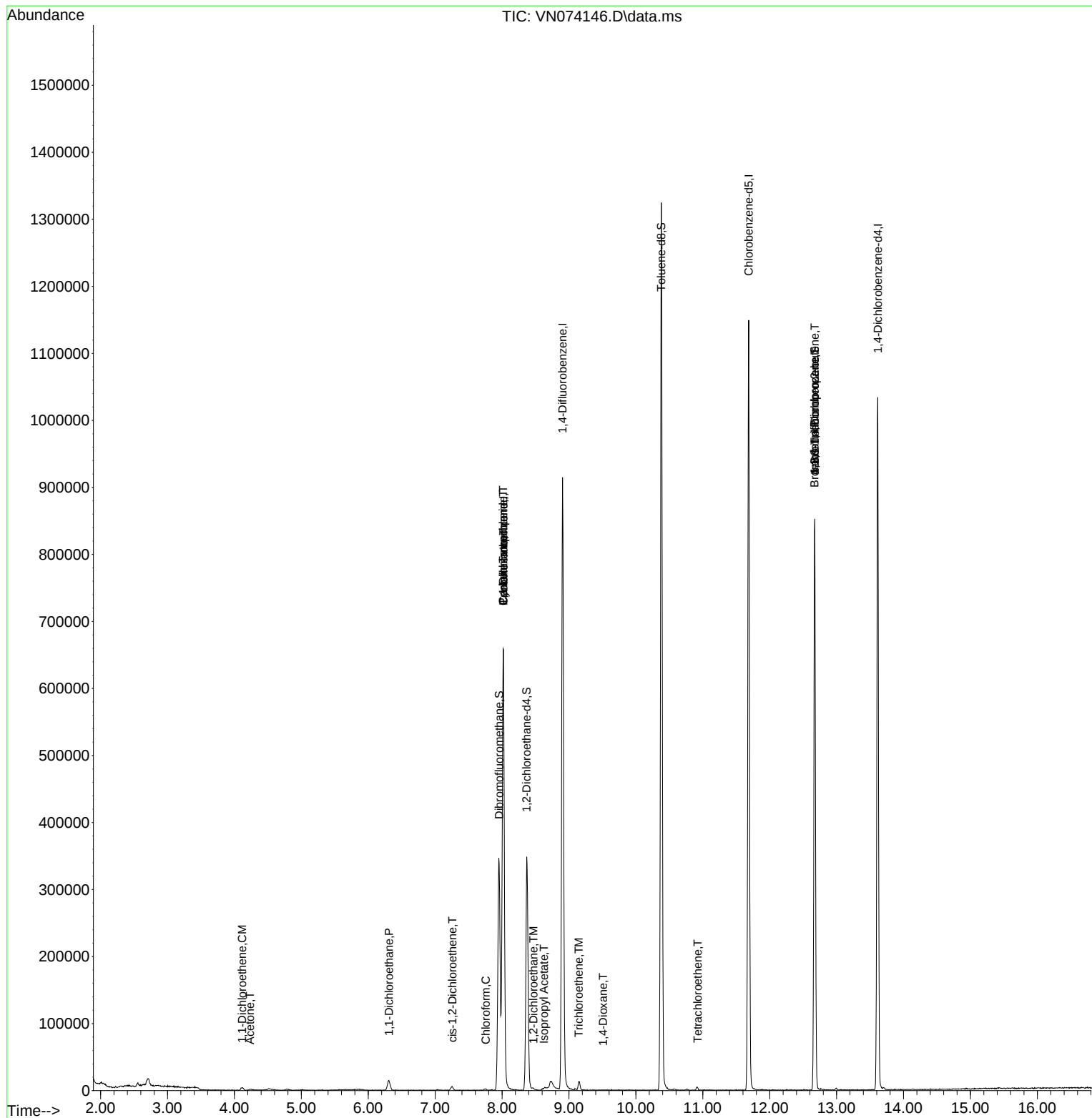
Internal Standards						
1) Pentafluorobenzene	8.022	168	545013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	832562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	695261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	296891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	289797	54.592	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.180%	
35) Dibromofluoromethane	7.957	113	254451	51.679	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.360%	
50) Toluene-d8	10.380	98	940985	49.346	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	12.674	95	282661	44.664	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.320%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.116	96	2431	0.565	ug/l #	71
16) Acetone	4.234	43	2595	1.036	ug/l #	70
18) Methyl Acetate	4.781	43	3100	Below Cal	#	88
24) 1,1-Dichloroethane	6.310	63	21663	2.577	ug/l	96
27) cis-1,2-Dichloroethene	7.257	96	3657	0.625	ug/l	84
30) Chloroform	7.757	83	2074	0.221	ug/l	90
31) Cyclohexane	8.022	56	9698	1.311	ug/l #	18
36) 1,1-Dichloropropene	8.016	75	35398	5.176	ug/l #	49
38) Carbon Tetrachloride	8.016	117	49717	6.360	ug/l #	17
42) 1,2-Dichloroethane	8.469	62	1722	0.232	ug/l #	74
43) Isopropyl Acetate	8.628	43	2722	0.231	ug/l #	53
44) Trichloroethene	9.145	130	5186	0.832	ug/l	86
49) 1,4-Dioxane	9.510	88	117	0.779	ug/l #	23
64) Tetrachloroethene	10.922	164	1214	0.221	ug/l #	81
71) Bromoform	12.669	173	1737	0.348	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	140762	22.811	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	140762	64.878	ug/l #	10

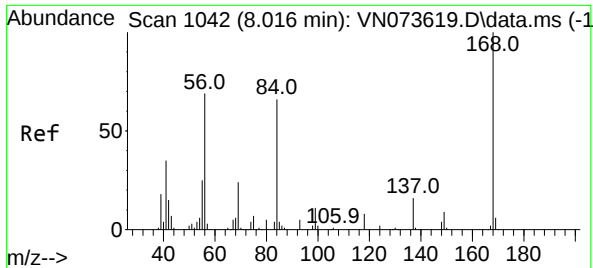
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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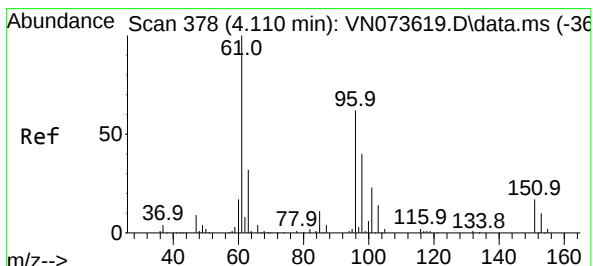
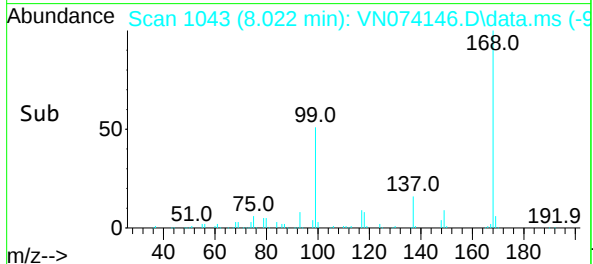
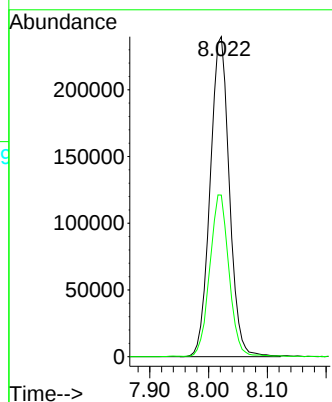
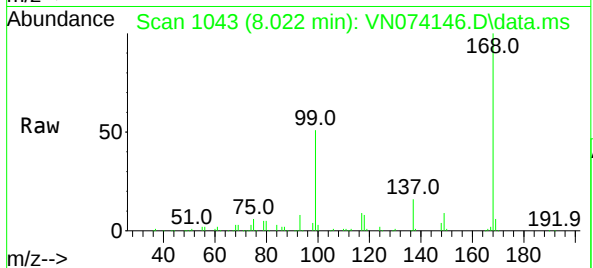




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

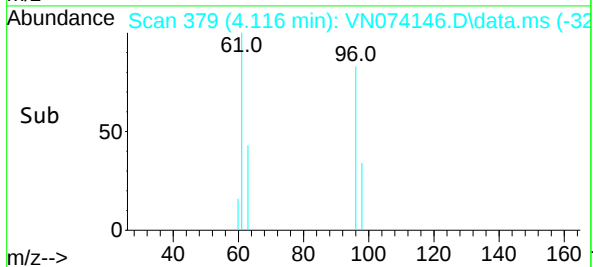
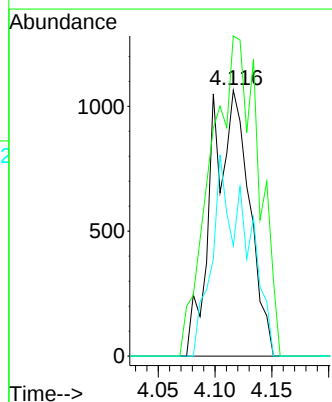
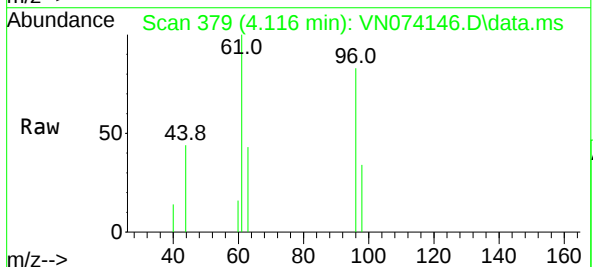
Instrument :
MSVOA_N
ClientSampleId :
MW203D2-20220820

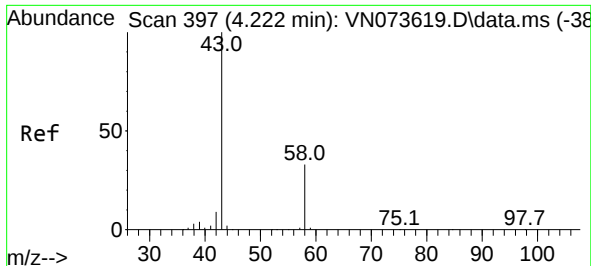
Tgt Ion:168 Resp: 545013
Ion Ratio Lower Upper
168 100
99 50.4 42.3 63.5



#12
1,1-Dichloroethene
Concen: 0.565 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

Tgt Ion: 96 Resp: 2431
Ion Ratio Lower Upper
96 100
61 120.4 127.6 191.4#
98 41.5 51.2 76.8#





#16

Acetone

Concen: 1.036 ug/l

RT: 4.234 min Scan# 399

Delta R.T. 0.012 min

Lab File: VN074146.D

Acq: 26 Aug 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

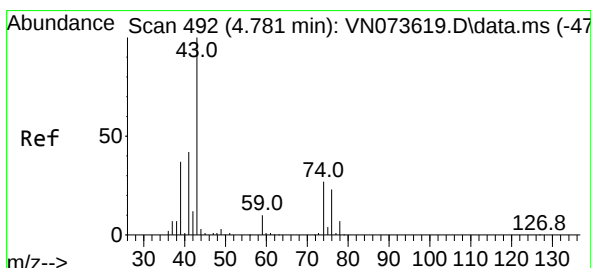
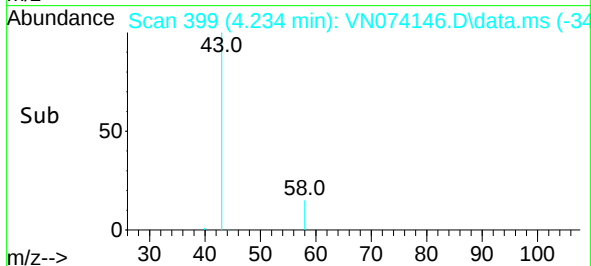
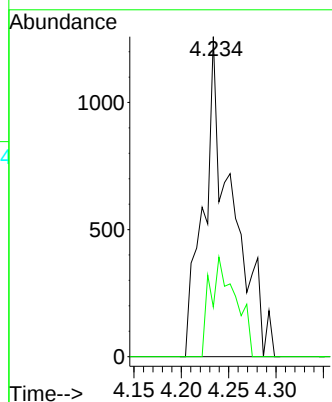
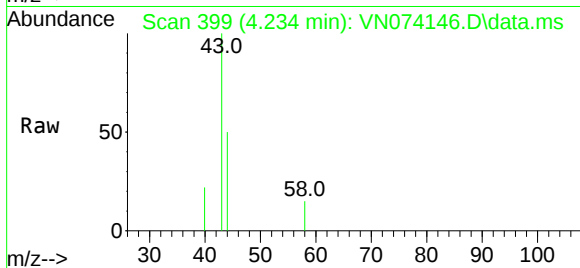
MW203D2-20220820

Tgt Ion: 43 Resp: 2595

Ion Ratio Lower Upper

43 100

58 15.5 26.0 39.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.781 min Scan# 492

Delta R.T. -0.000 min

Lab File: VN074146.D

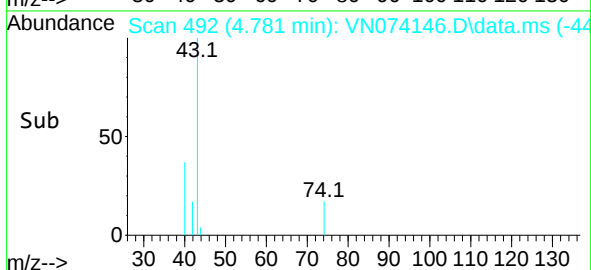
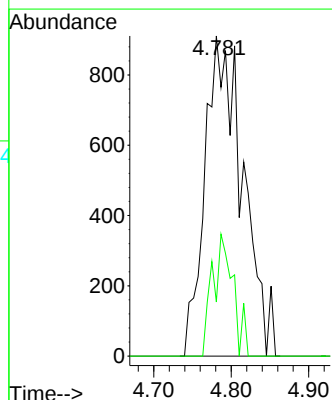
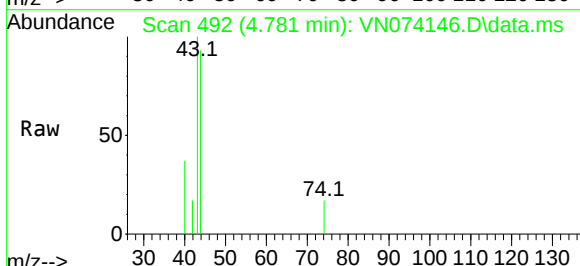
Acq: 26 Aug 2022 19:28

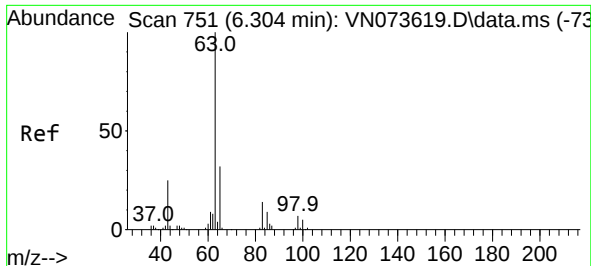
Tgt Ion: 43 Resp: 3100

Ion Ratio Lower Upper

43 100

74 20.7 21.6 32.4#

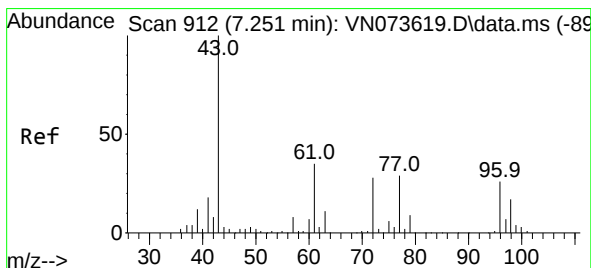
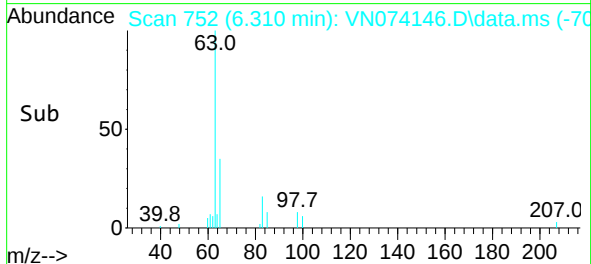
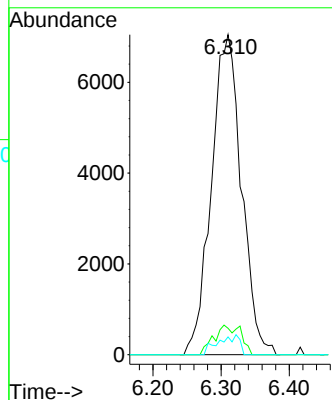
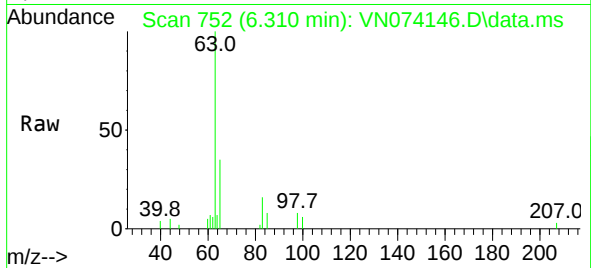




#24
 1,1-Dichloroethane
 Concen: 2.577 ug/l
 RT: 6.310 min Scan# 752
 Delta R.T. 0.006 min
 Lab File: VN074146.D
 Acq: 26 Aug 2022 19:28

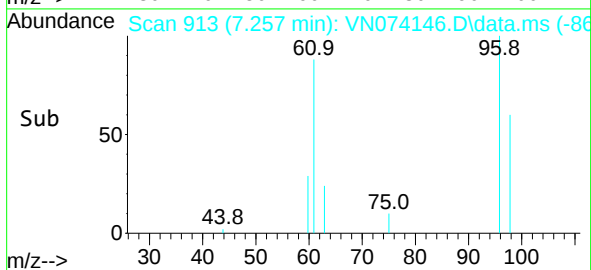
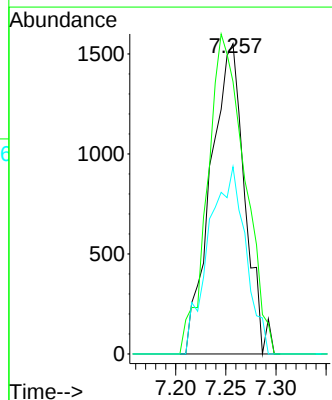
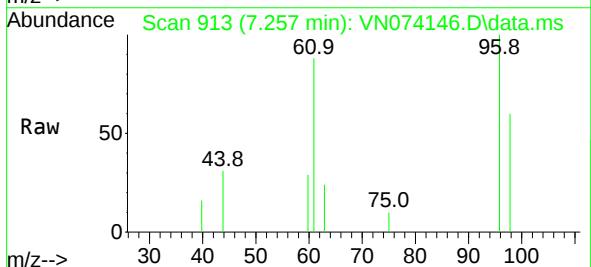
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D2-20220820

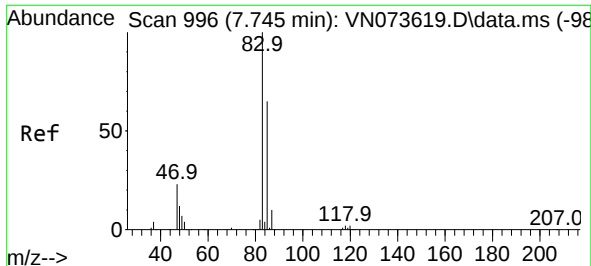
Tgt Ion: 63 Resp: 21663
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.4
 100 5.5 2.3 6.8



#27
 cis-1,2-Dichloroethene
 Concen: 0.625 ug/l
 RT: 7.257 min Scan# 913
 Delta R.T. 0.006 min
 Lab File: VN074146.D
 Acq: 26 Aug 2022 19:28

Tgt Ion: 96 Resp: 3657
 Ion Ratio Lower Upper
 96 100
 61 112.8 0.0 280.6
 98 65.6 0.0 128.4

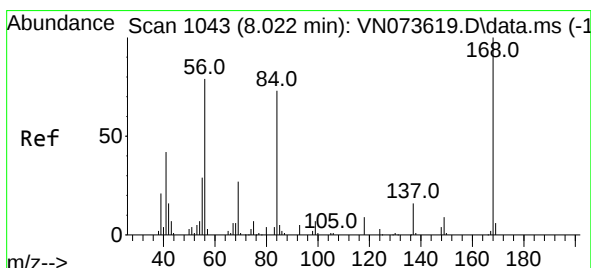
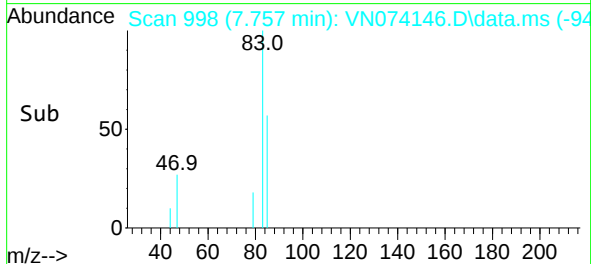
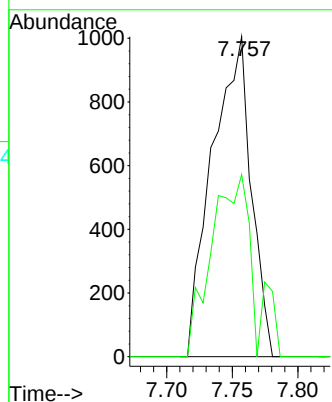
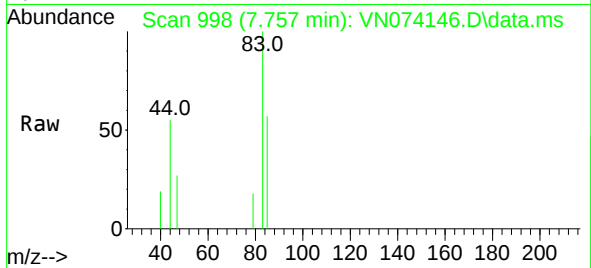




#30
Chloroform
Concen: 0.221 ug/l
RT: 7.757 min Scan# 996
Delta R.T. 0.012 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

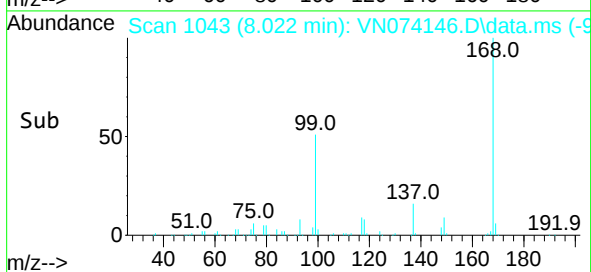
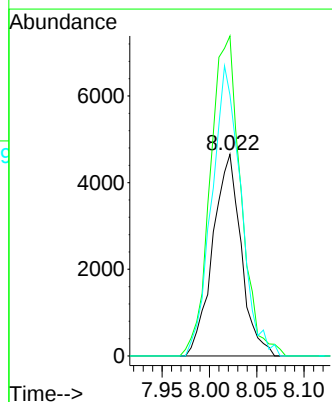
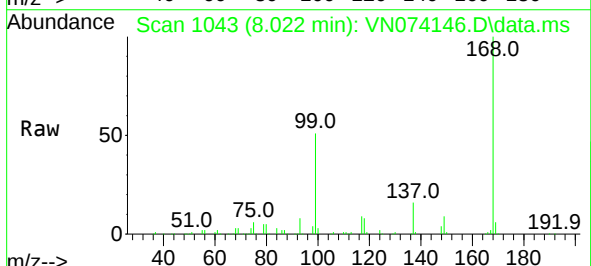
Instrument :
MSVOA_N
ClientSampleId :
MW203D2-20220820

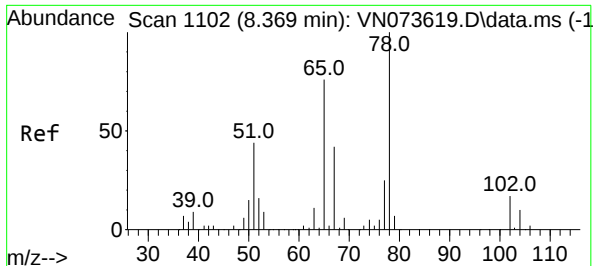
Tgt Ion: 83 Resp: 2074
Ion Ratio Lower Upper
83 100
85 56.9 51.8 77.8



#31
Cyclohexane
Concen: 1.311 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

Tgt Ion: 56 Resp: 9698
Ion Ratio Lower Upper
56 100
69 158.8 27.8 41.8#
84 129.5 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 54.592 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074146.D

Acq: 26 Aug 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

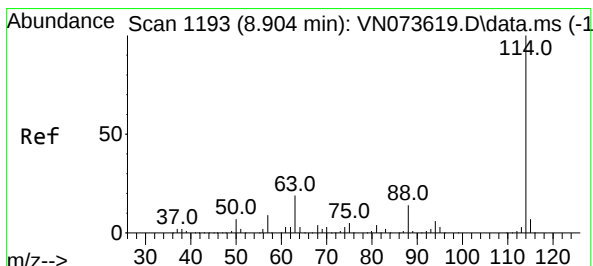
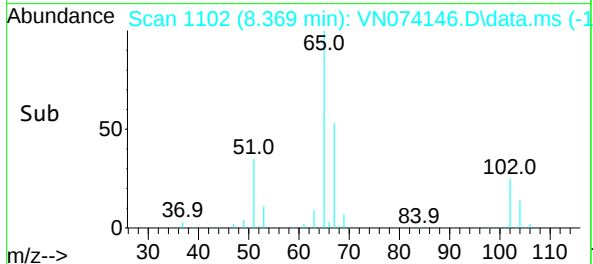
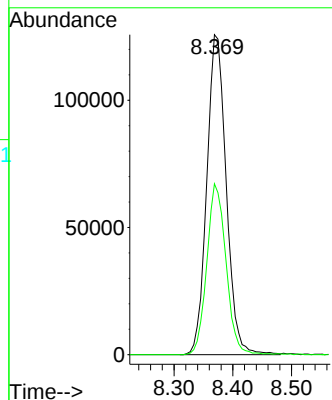
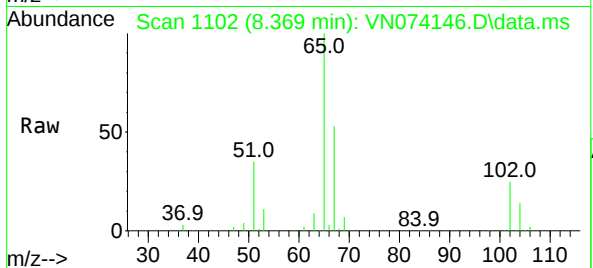
MW203D2-20220820

Tgt Ion: 65 Resp: 289797

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074146.D

Acq: 26 Aug 2022 19:28

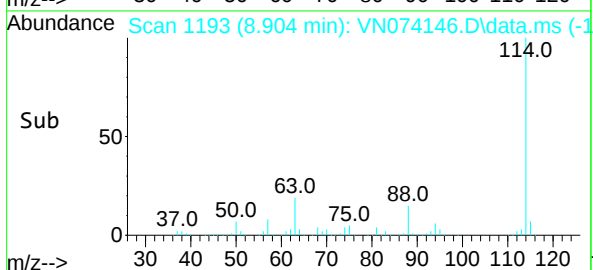
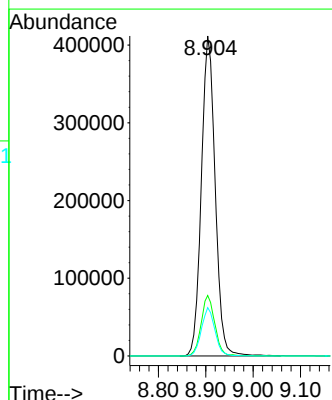
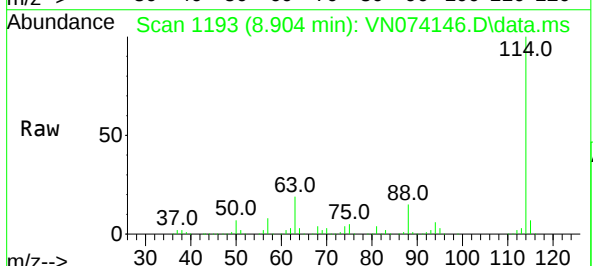
Tgt Ion: 114 Resp: 832562

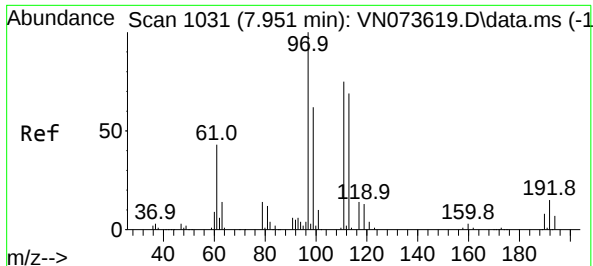
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.679 ug/l

RT: 7.957 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VN074146.D

Acq: 26 Aug 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

MW203D2-20220820

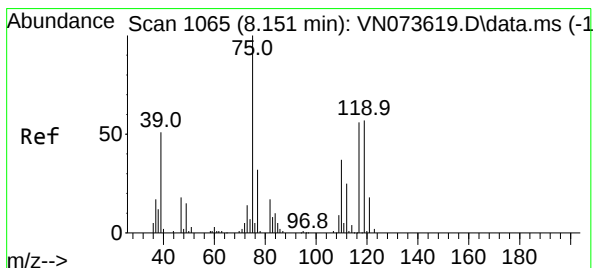
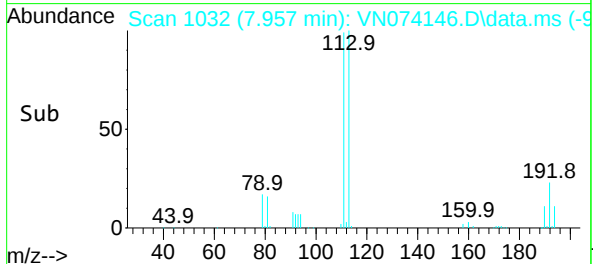
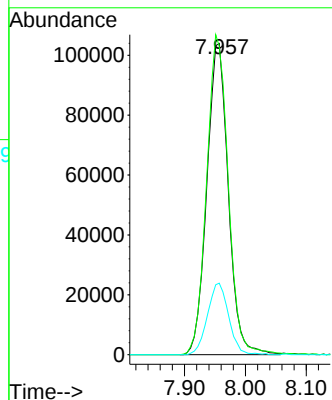
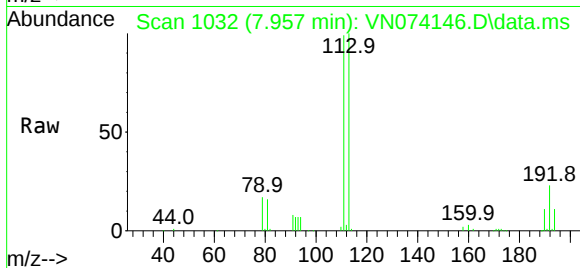
Tgt Ion:113 Resp: 254451

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 22.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.176 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074146.D

Acq: 26 Aug 2022 19:28

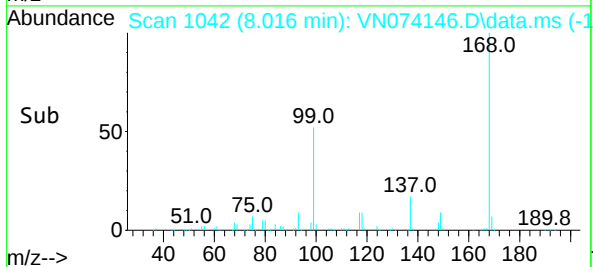
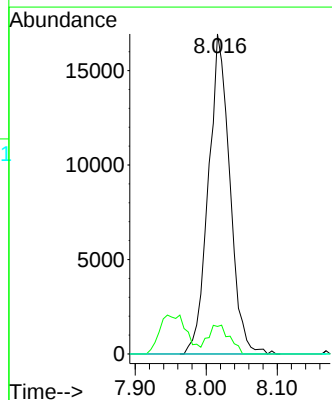
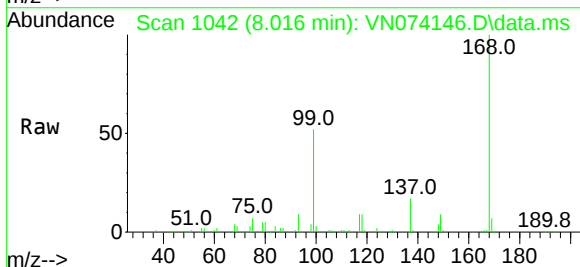
Tgt Ion: 75 Resp: 35398

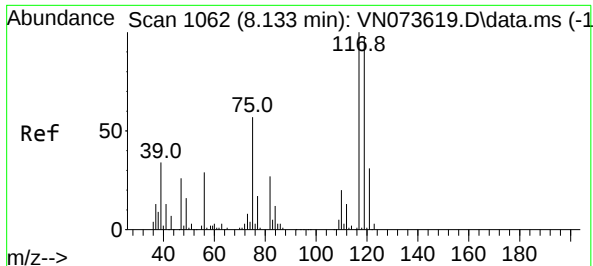
Ion Ratio Lower Upper

75 100

110 9.0 18.3 54.8#

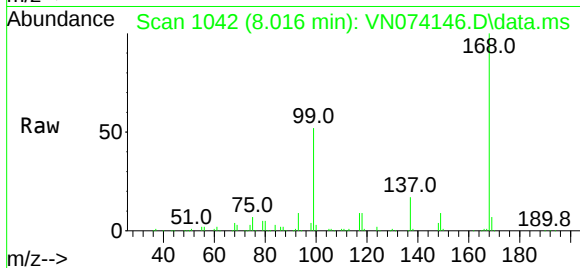
77 0.0 25.1 37.7#



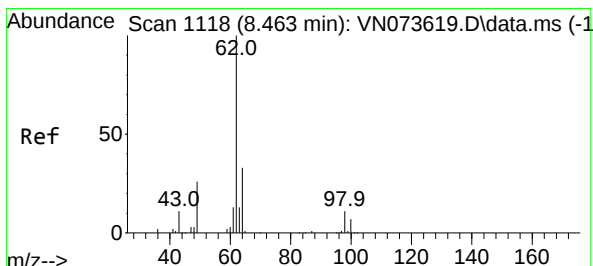
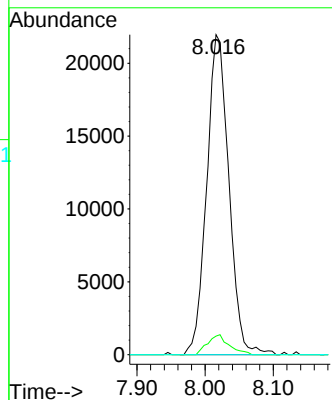
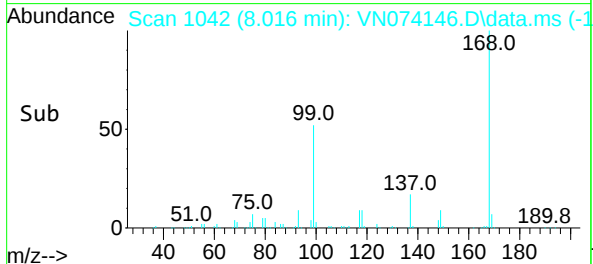


#38
Carbon Tetrachloride
Concen: 6.360 ug/l
RT: 8.016 min Scan# 1119
Delta R.T. -0.117 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

Instrument :
MSVOA_N
ClientSampleId :
MW203D2-20220820

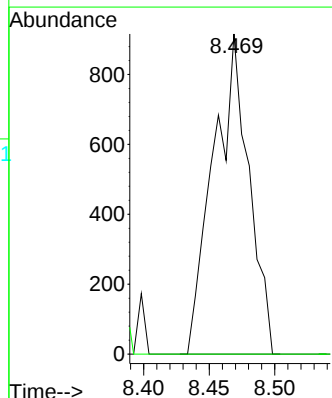
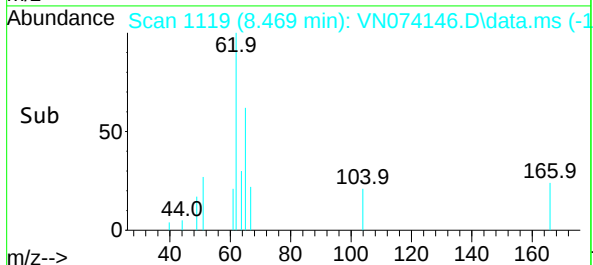
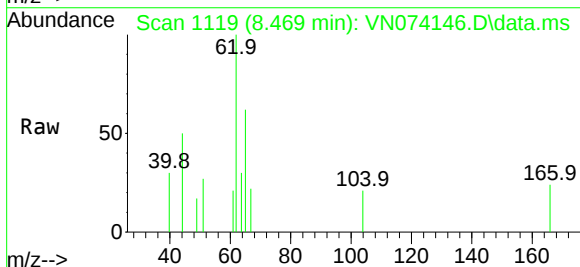


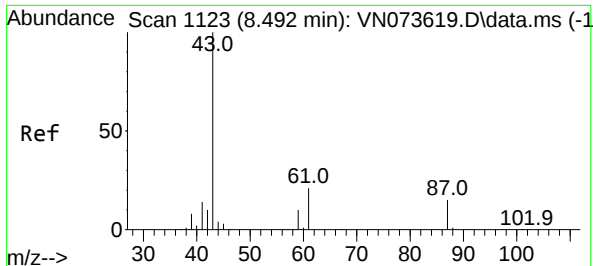
Tgt Ion:117 Resp: 49717
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 24.6 37.0#



#42
1,2-Dichloroethane
Concen: 0.232 ug/l
RT: 8.469 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

Tgt Ion: 62 Resp: 1722
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4

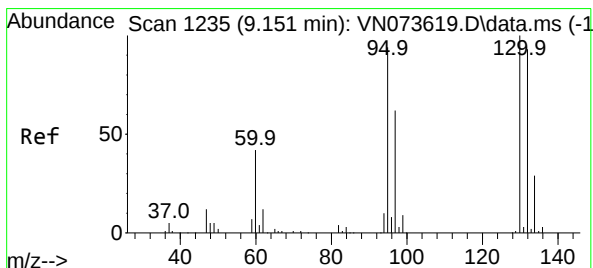
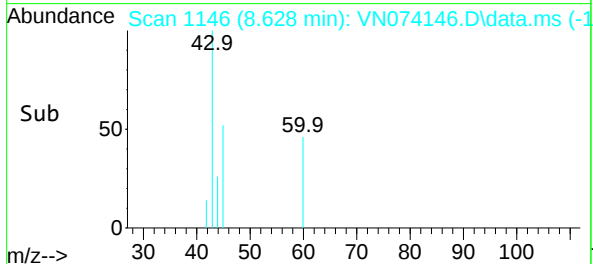
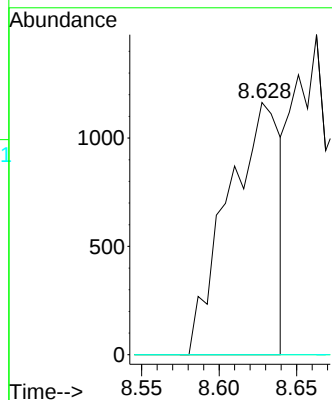
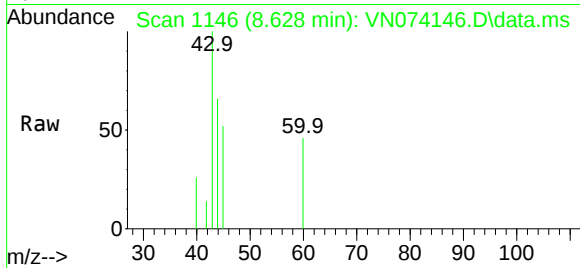




#43
Isopropyl Acetate
Concen: 0.231 ug/l
RT: 8.628 min Scan# 1123
Delta R.T. 0.136 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

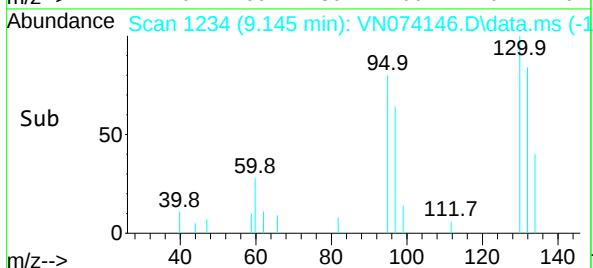
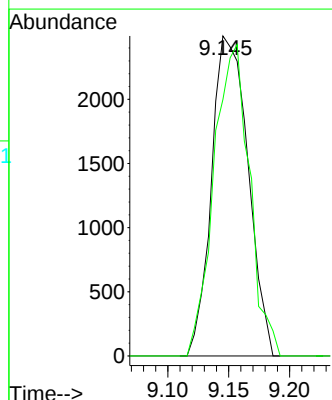
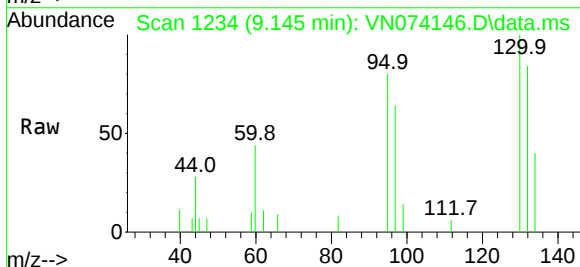
Instrument :
MSVOA_N
ClientSampleId :
MW203D2-20220820

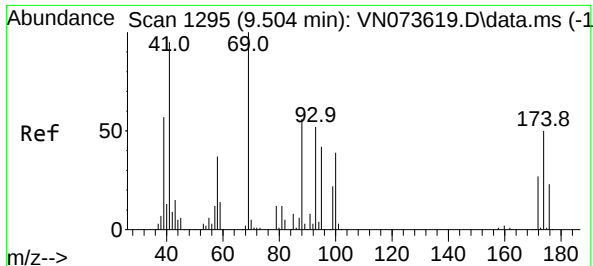
Tgt Ion: 43 Resp: 2722
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 0.832 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

Tgt Ion:130 Resp: 5186
Ion Ratio Lower Upper
130 100
95 80.2 0.0 186.8

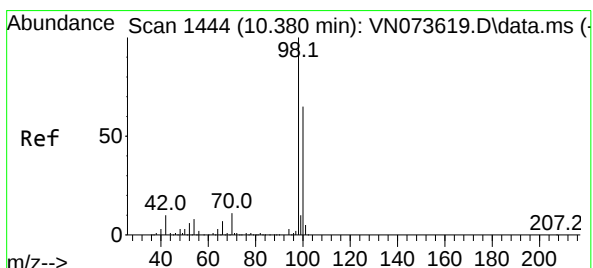
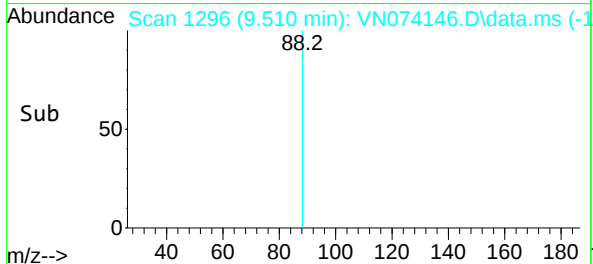
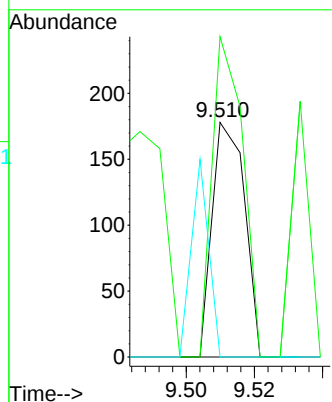
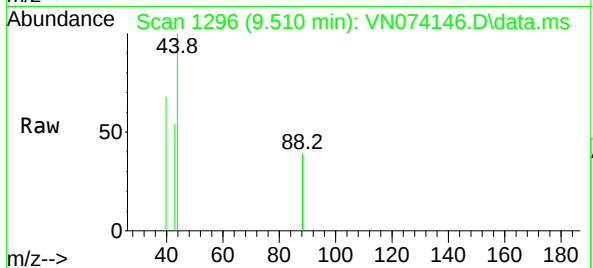




#49
1,4-Dioxane
Concen: 0.779 ug/l
RT: 9.510 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

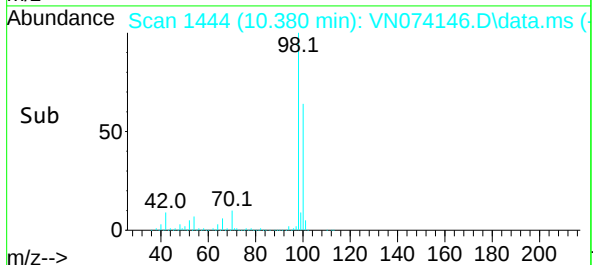
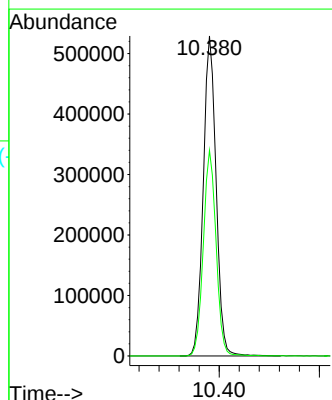
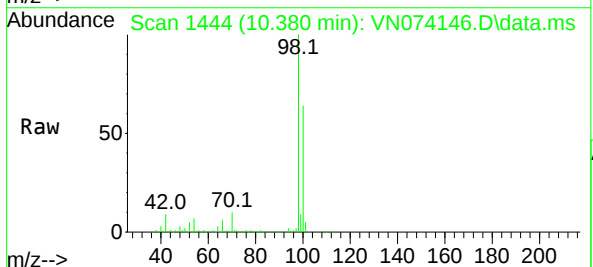
Instrument :
MSVOA_N
ClientSampleId :
MW203D2-20220820

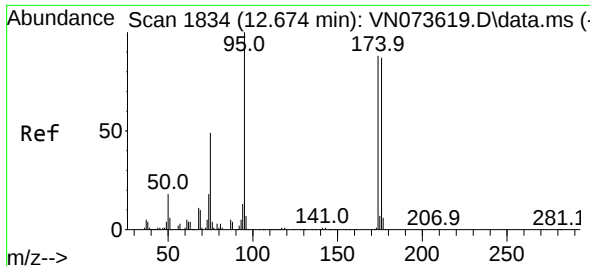
Tgt Ion: 88 Resp: 117
Ion Ratio Lower Upper
88 100
43 130.8 20.2 30.4#
58 45.3 54.2 81.4#



#50
Toluene-d8
Concen: 49.346 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

Tgt Ion: 98 Resp: 940985
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8

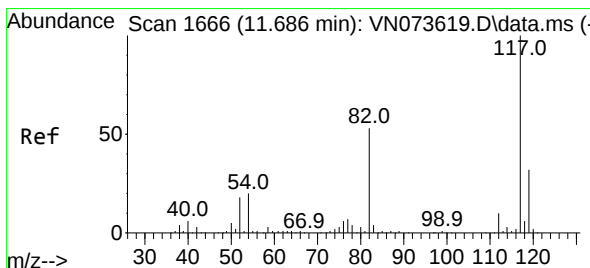
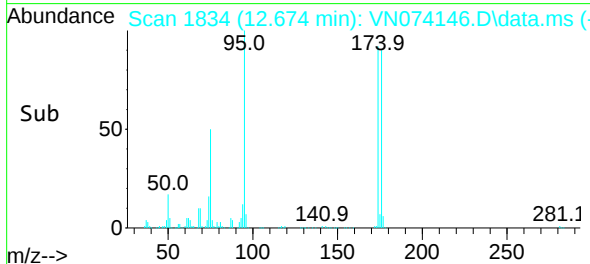
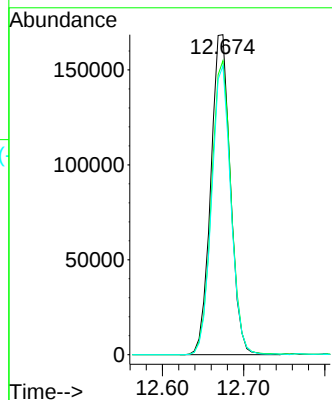
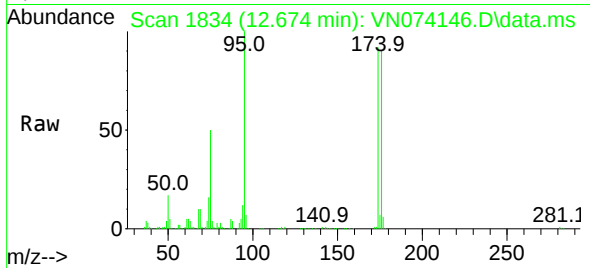




#62
4-Bromofluorobenzene
Concen: 44.664 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

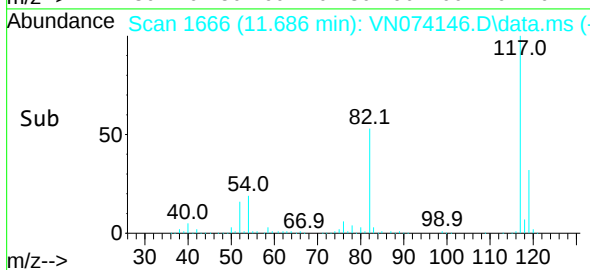
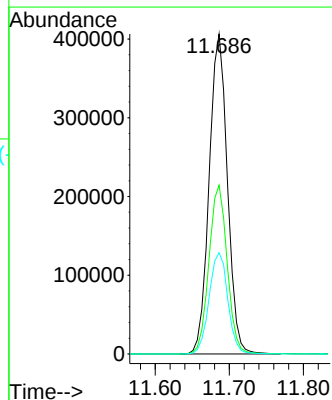
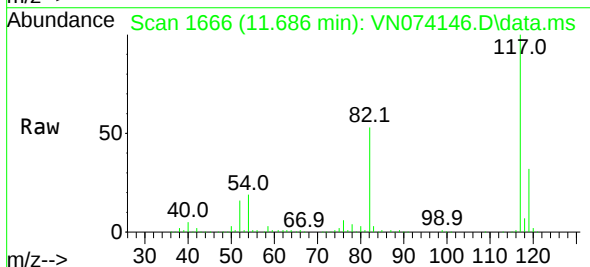
Instrument :
MSVOA_N
ClientSampleId :
MW203D2-20220820

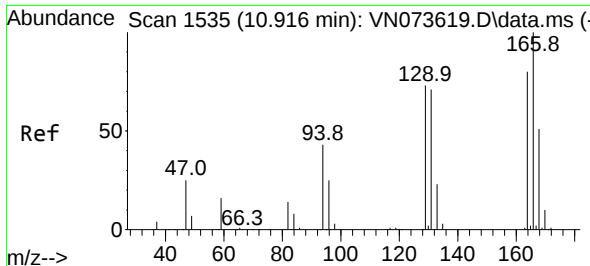
Tgt Ion: 95 Resp: 282661
Ion Ratio Lower Upper
95 100
174 91.9 0.0 167.6
176 88.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

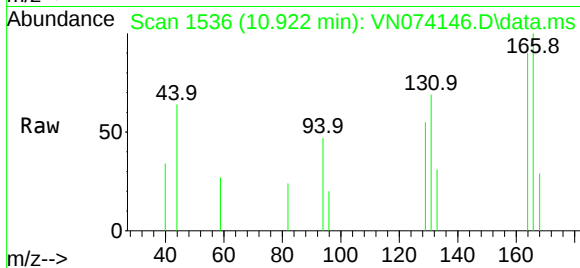
Tgt Ion: 117 Resp: 695261
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 31.7 25.4 38.0



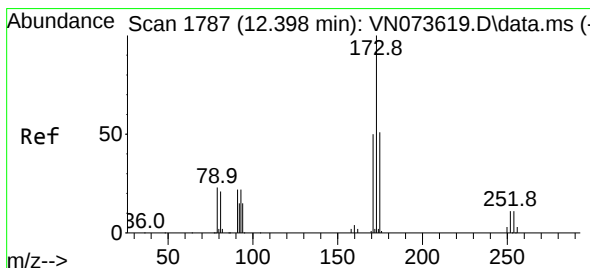
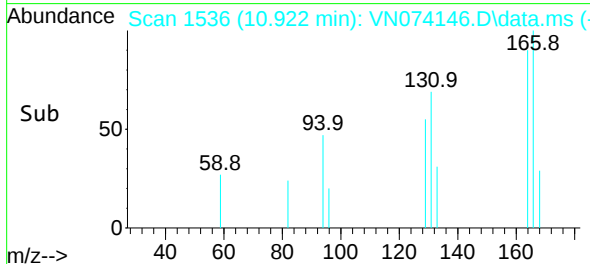
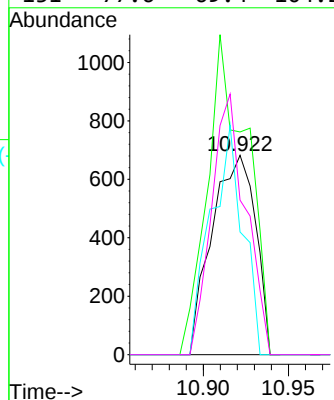


#64
Tetrachloroethene
Concen: 0.221 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

Instrument :
MSVOA_N
ClientSampleId :
MW203D2-20220820

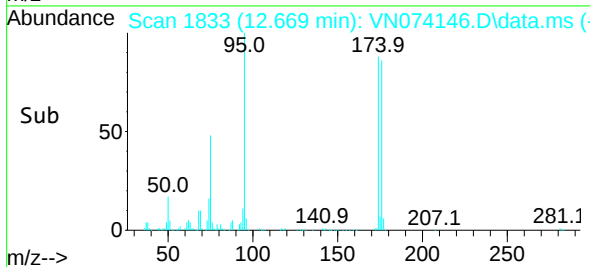
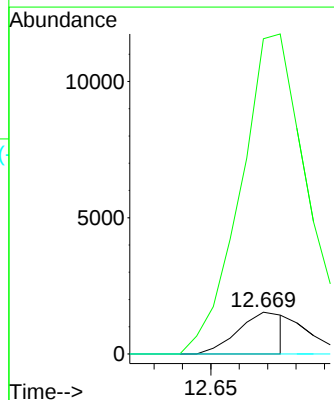
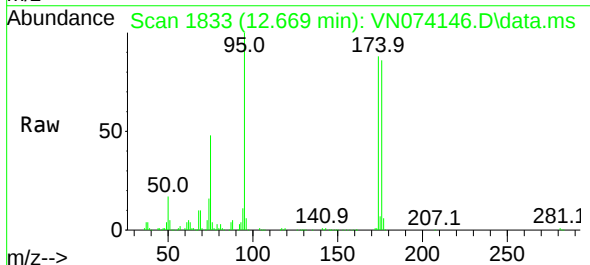


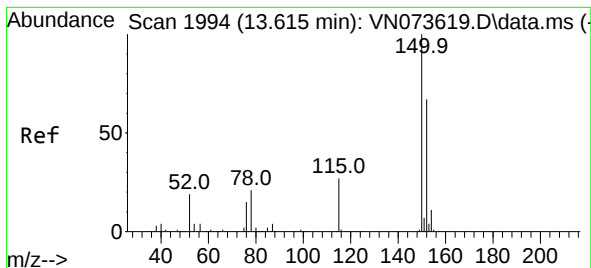
Tgt Ion:164 Resp: 1214
Ion Ratio Lower Upper
164 100
166 111.7 104.2 156.2
129 61.6 73.9 110.9#
131 77.6 69.4 104.2



#71
Bromoform
Concen: 0.348 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

Tgt Ion:173 Resp: 1737
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: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074146.D

Acq: 26 Aug 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

MW203D2-20220820

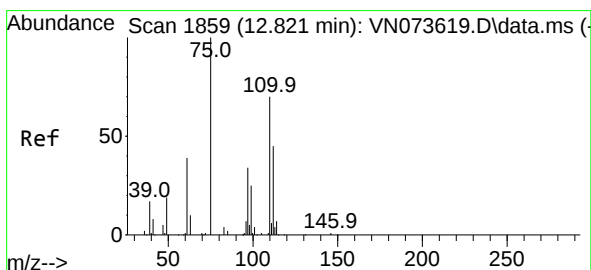
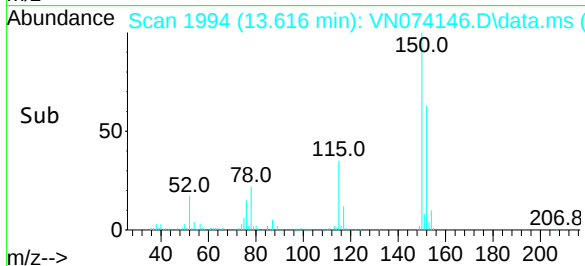
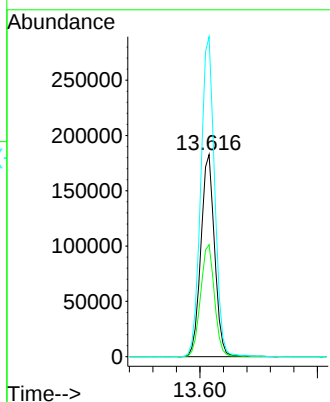
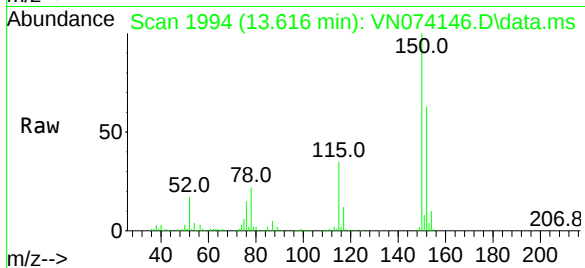
Tgt Ion:152 Resp: 296891

Ion Ratio Lower Upper

152 100

115 56.5 28.9 86.7

150 160.3 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 22.811 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.147 min

Lab File: VN074146.D

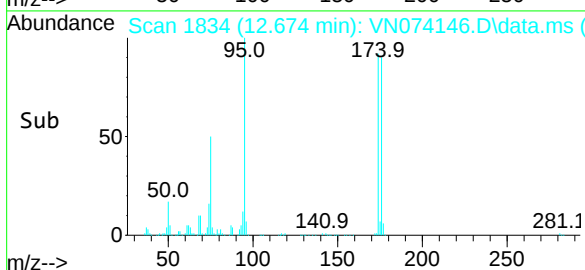
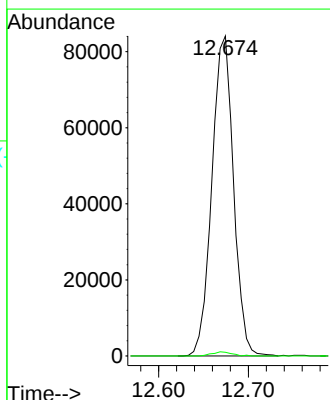
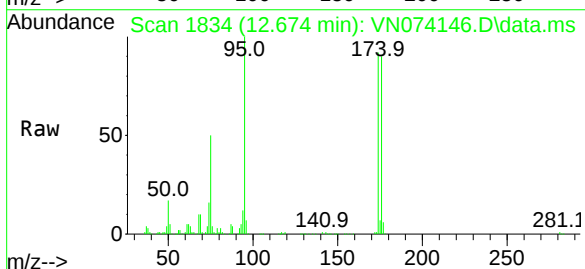
Acq: 26 Aug 2022 19:28

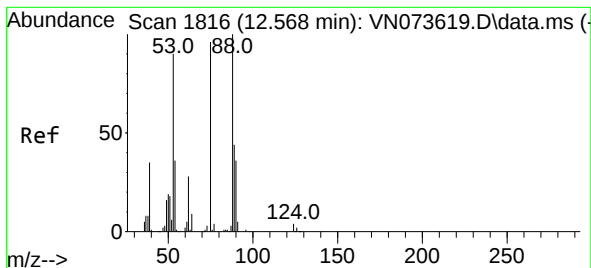
Tgt Ion: 75 Resp: 140762

Ion Ratio Lower Upper

75 100

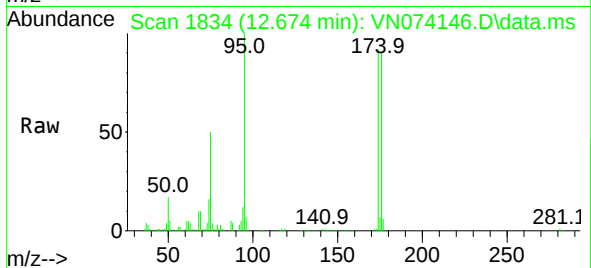
77 1.2 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.878 ug/l
 RT: 12.674 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN074146.D
 Acq: 26 Aug 2022 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D2-20220820



Tgt Ion: 75 Resp: 140762
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

