

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074093.D
 Acq On : 24 Aug 2022 15:50
 Operator : JC\MD
 Sample : N4244-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-103I

Quant Time: Aug 25 07:54:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

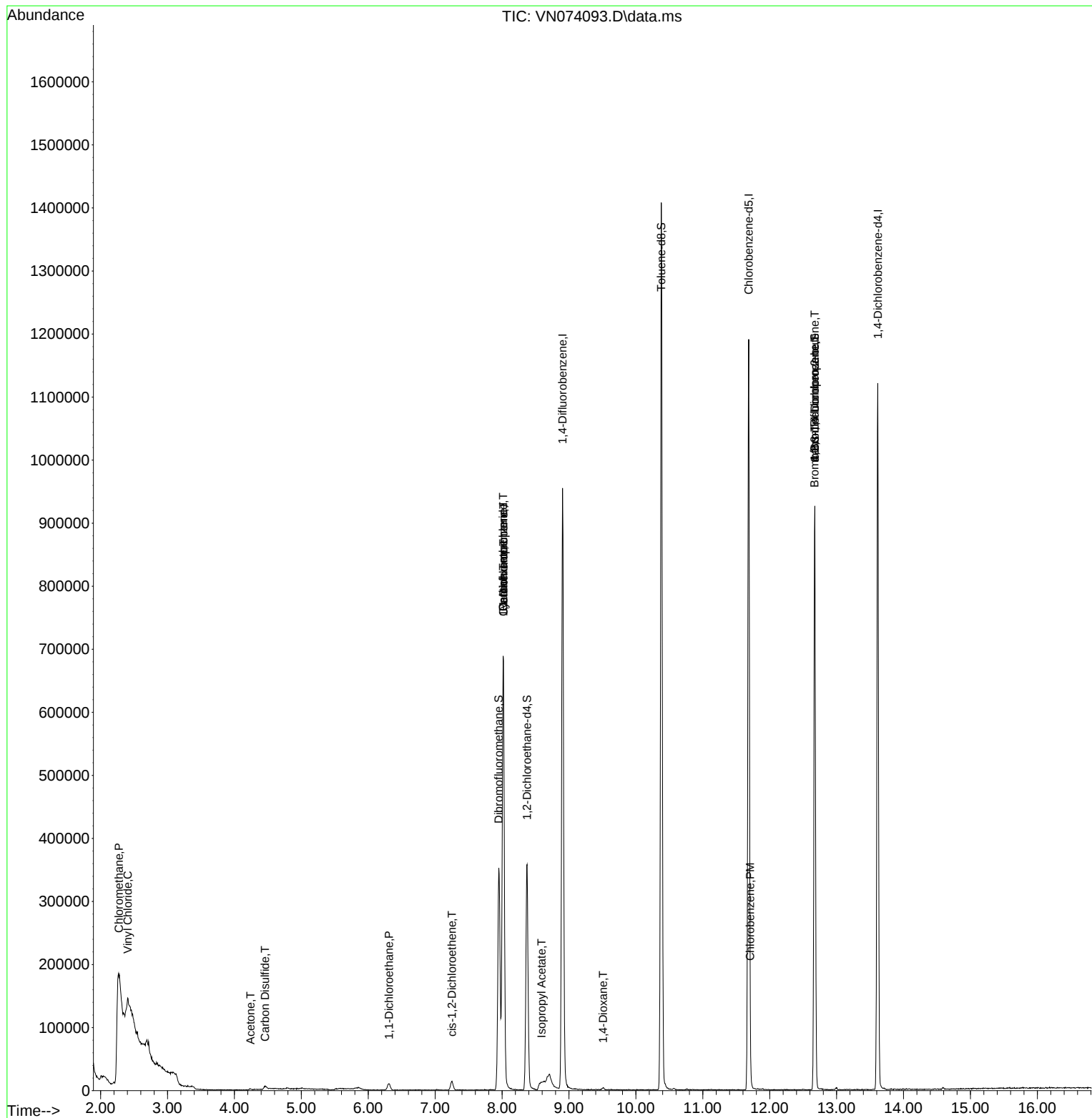
Internal Standards						
1) Pentafluorobenzene	8.016	168	577161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	881617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	738580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	323527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	294549	52.397	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.800%		
35) Dibromofluoromethane	7.951	113	261948	50.241	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.480%		
50) Toluene-d8	10.380	98	973482	48.210	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.420%		
62) 4-Bromofluorobenzene	12.674	95	305503	45.587	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.180%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.275	50	12248	2.407	ug/l #	53
4) Vinyl Chloride	2.404	62	12522	1.917	ug/l #	1
16) Acetone	4.240	43	2147	0.810	ug/l	100
17) Carbon Disulfide	4.457	76	13020	1.202	ug/l #	92
18) Methyl Acetate	4.787	43	3744	Below Cal	#	82
24) 1,1-Dichloroethane	6.310	63	15778	1.772	ug/l	96
27) cis-1,2-Dichloroethene	7.251	96	8180	1.321	ug/l	86
31) Cyclohexane	8.022	56	10228	1.305	ug/l #	1
36) 1,1-Dichloropropene	8.022	75	37775	5.216	ug/l #	49
38) Carbon Tetrachloride	8.016	117	51024	6.164	ug/l #	16
43) Isopropyl Acetate	8.592	43	12154	0.972	ug/l #	53
49) 1,4-Dioxane	9.510	88	2361	14.846	ug/l #	63
65) Chlorobenzene	11.710	112	4832	0.308	ug/l #	86
71) Bromoform	12.668	173	1514	0.285	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	150478	22.378	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	150478	63.646	ug/l #	11

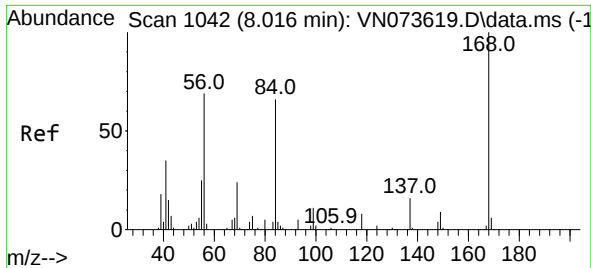
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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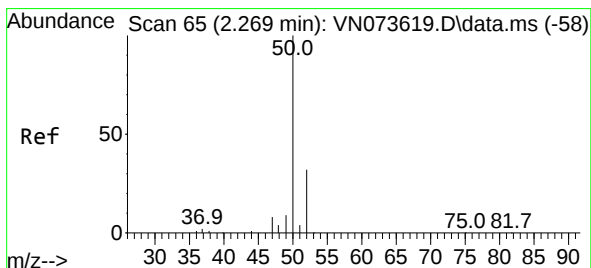
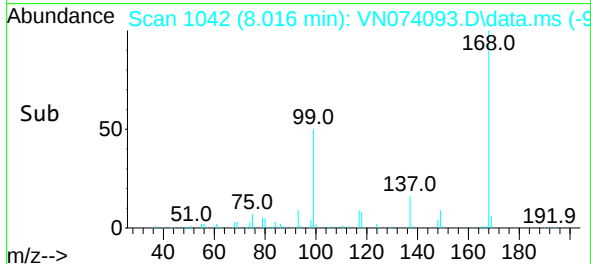
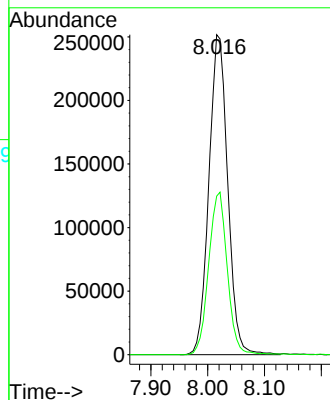
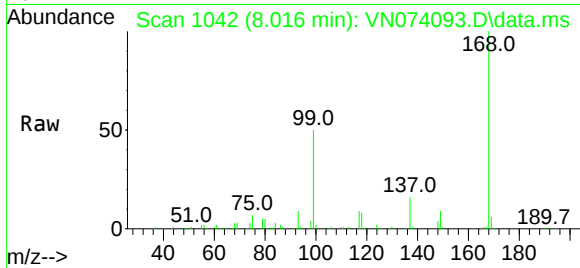




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

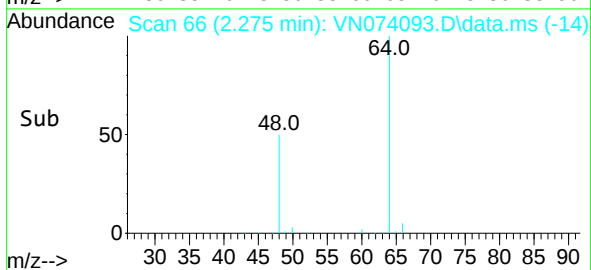
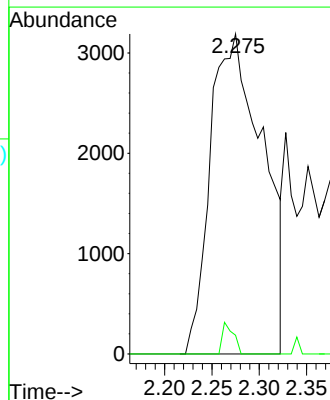
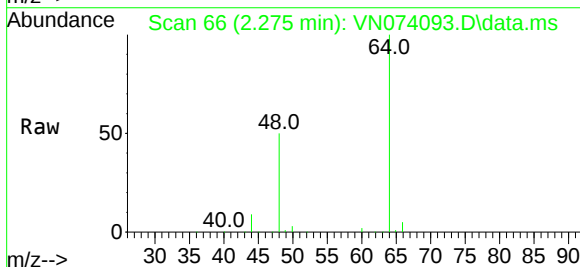
Instrument :
MSVOA_N
ClientSampleId :
MW-103I

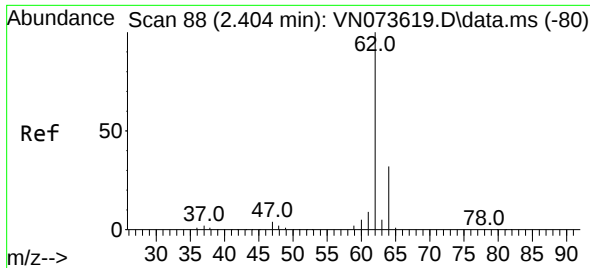
Tgt Ion:168 Resp: 577161
Ion Ratio Lower Upper
168 100
99 49.6 42.3 63.5



#3
Chloromethane
Concen: 2.407 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.006 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

Tgt Ion: 50 Resp: 12248
Ion Ratio Lower Upper
50 100
52 5.9 25.7 38.5#

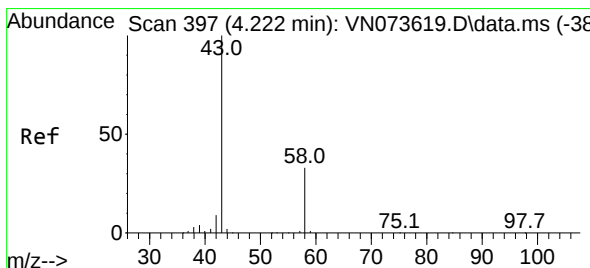
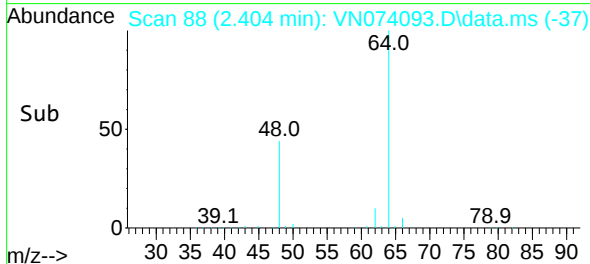
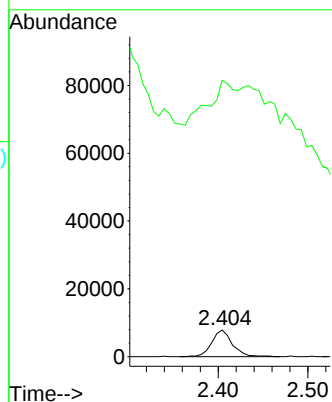
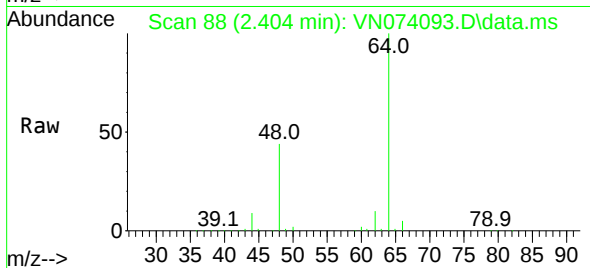




#4
 Vinyl Chloride
 Concen: 1.917 ug/l
 RT: 2.404 min Scan# 88
 Delta R.T. 0.000 min
 Lab File: VN074093.D
 Acq: 24 Aug 2022 15:50

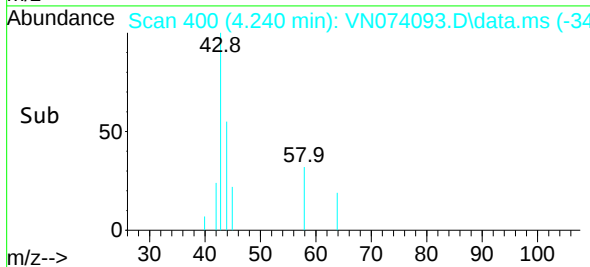
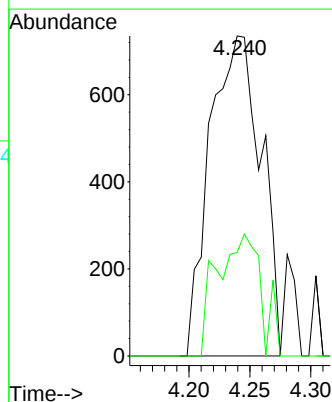
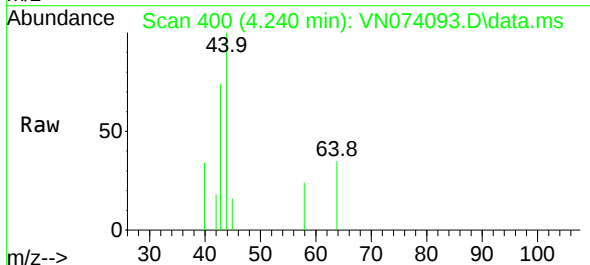
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-103I

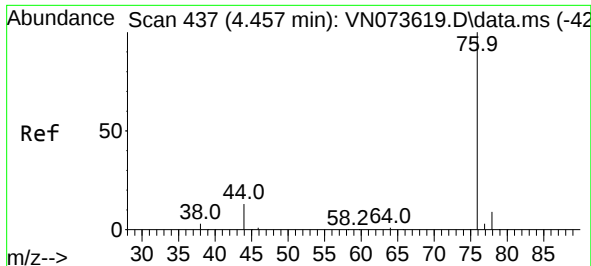
Tgt Ion: 62 Resp: 12522
 Ion Ratio Lower Upper
 62 100
 64 163.1 25.0 37.4#



#16
 Acetone
 Concen: 0.810 ug/l
 RT: 4.240 min Scan# 400
 Delta R.T. 0.018 min
 Lab File: VN074093.D
 Acq: 24 Aug 2022 15:50

Tgt Ion: 43 Resp: 2147
 Ion Ratio Lower Upper
 43 100
 58 32.4 26.0 39.0

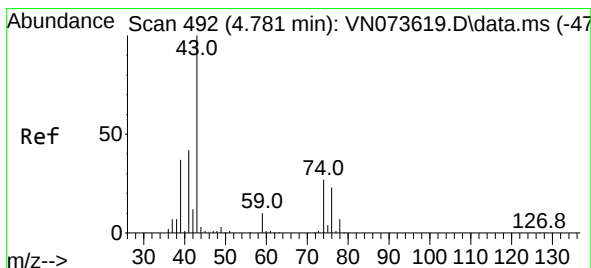
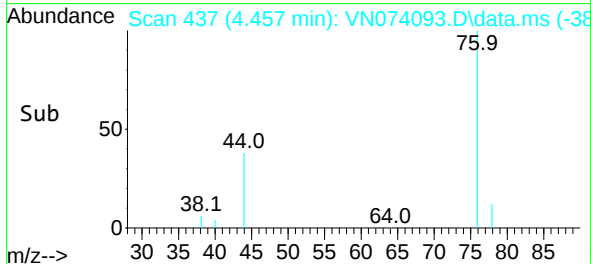
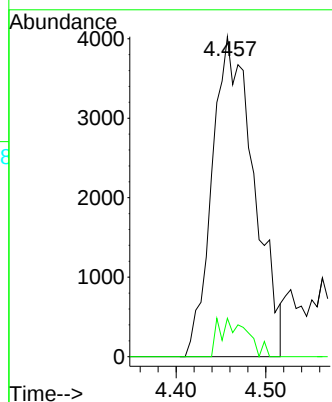
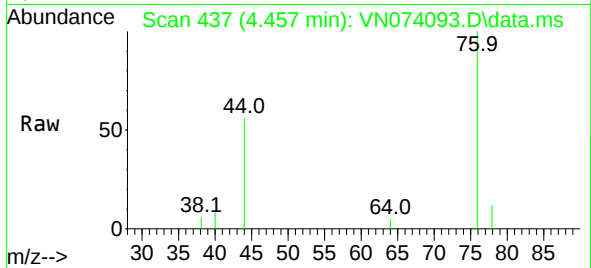




#17
Carbon Disulfide
Concen: 1.202 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

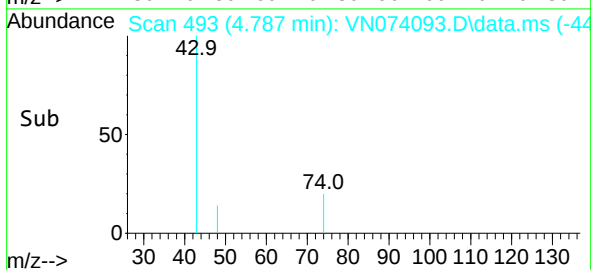
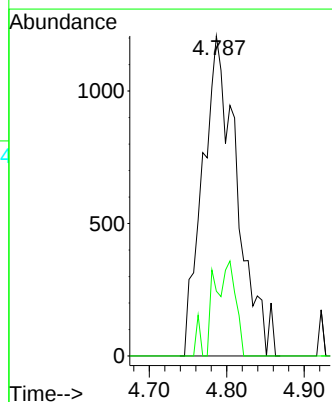
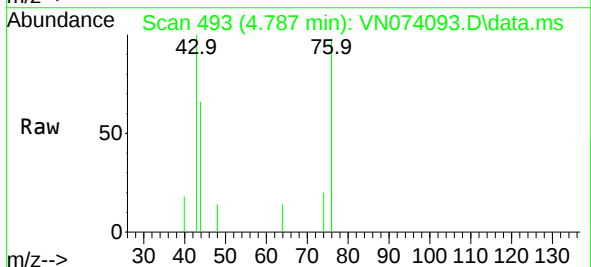
Instrument :
MSVOA_N
ClientSampleId :
MW-103I

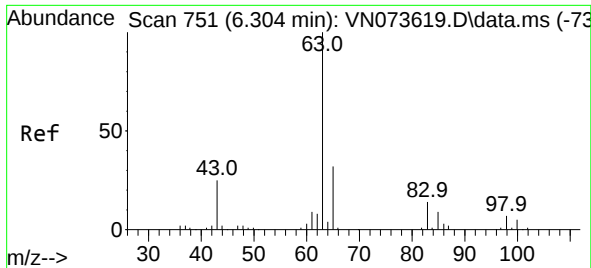
Tgt Ion: 76 Resp: 13020
Ion Ratio Lower Upper
76 100
78 12.0 7.2 10.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

Tgt Ion: 43 Resp: 3744
Ion Ratio Lower Upper
43 100
74 17.6 21.6 32.4#

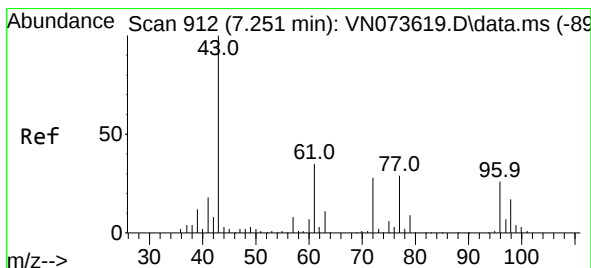
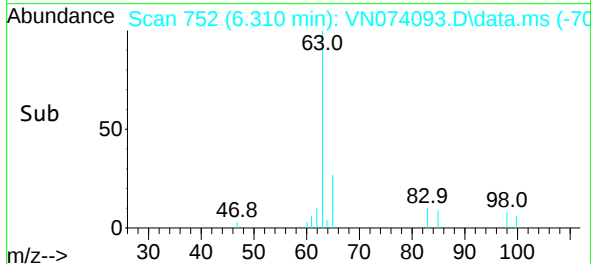
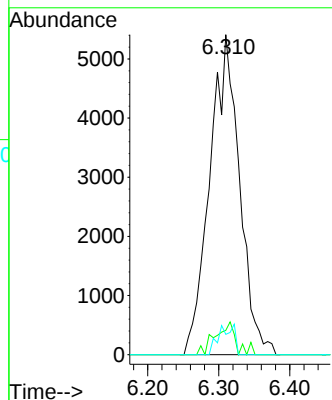
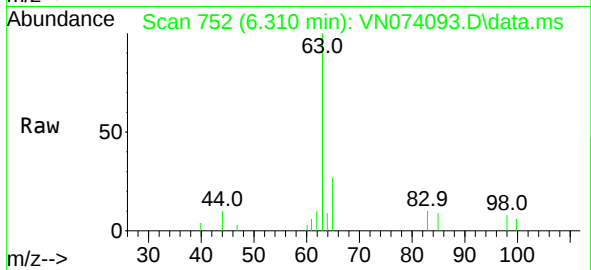




#24
 1,1-Dichloroethane
 Concen: 1.772 ug/l
 RT: 6.310 min Scan# 751
 Delta R.T. 0.006 min
 Lab File: VN074093.D
 Acq: 24 Aug 2022 15:50

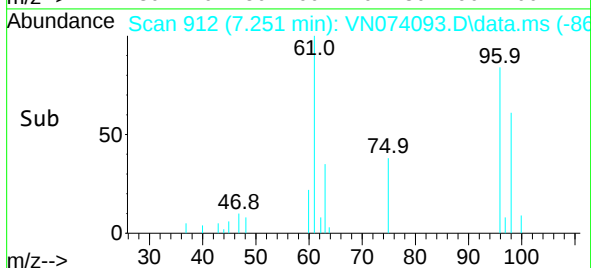
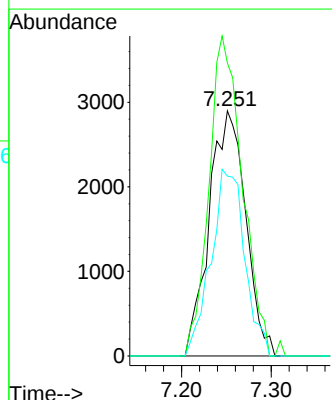
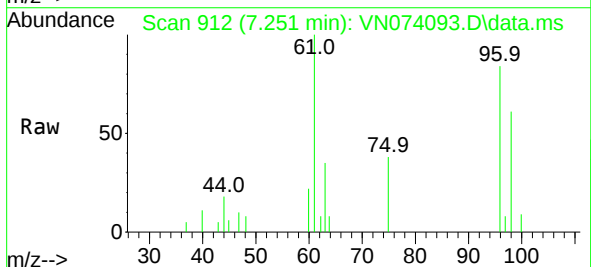
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-103I

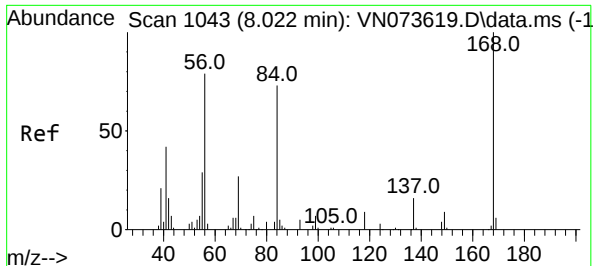
Tgt Ion: 63 Resp: 15778
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 6.4 2.3 6.8



#27
 cis-1,2-Dichloroethene
 Concen: 1.321 ug/l
 RT: 7.251 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VN074093.D
 Acq: 24 Aug 2022 15:50

Tgt Ion: 96 Resp: 8180
 Ion Ratio Lower Upper
 96 100
 61 119.5 0.0 280.6
 98 70.2 0.0 128.4





#31

Cyclohexane

Concen: 1.305 ug/l

RT: 8.022 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VN074093.D

Acq: 24 Aug 2022 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-103I

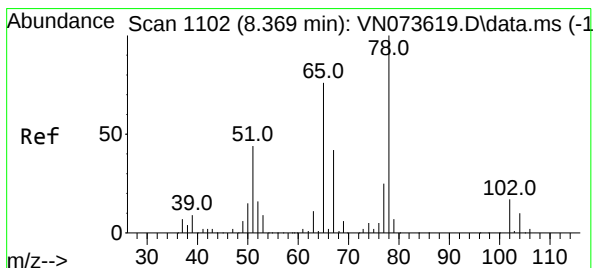
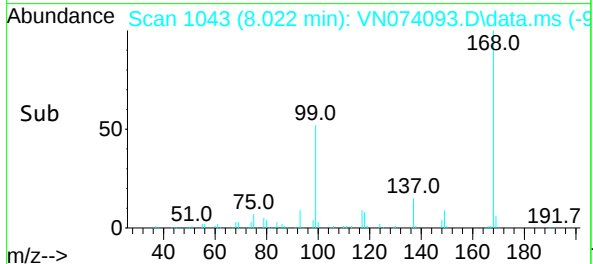
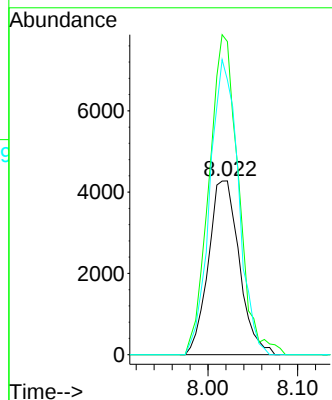
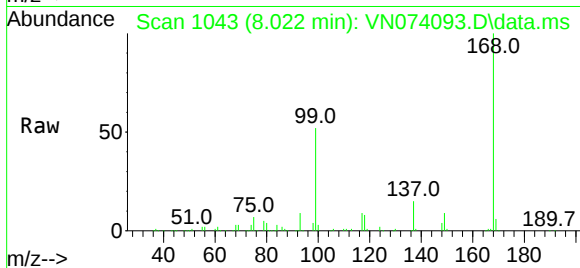
Tgt Ion: 56 Resp: 10228

Ion Ratio Lower Upper

56 100

69 180.1 27.8 41.8#

84 158.1 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 52.397 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074093.D

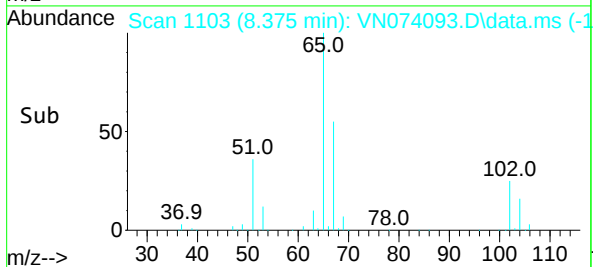
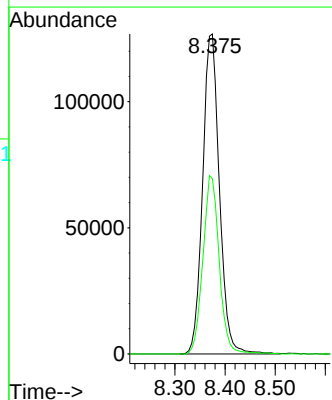
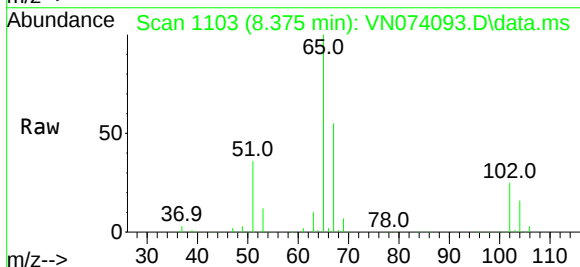
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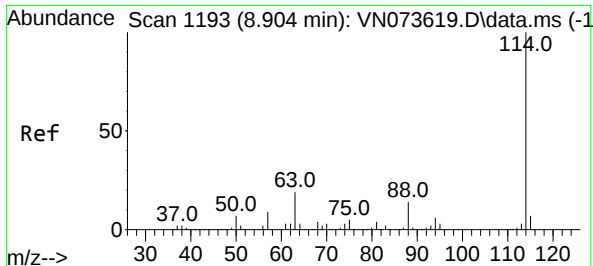
Tgt Ion: 65 Resp: 294549

Ion Ratio Lower Upper

65 100

67 54.1 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: VN074093.D

Acq: 24 Aug 2022 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-103I

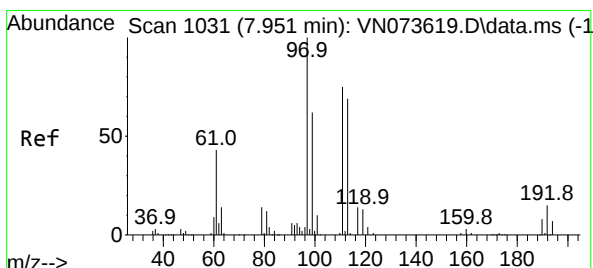
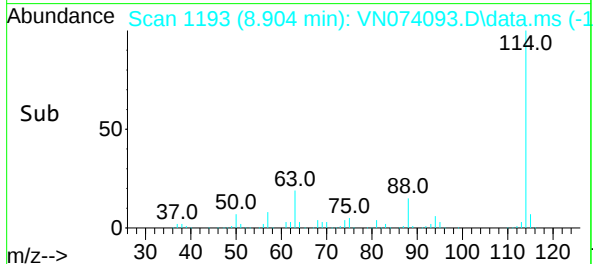
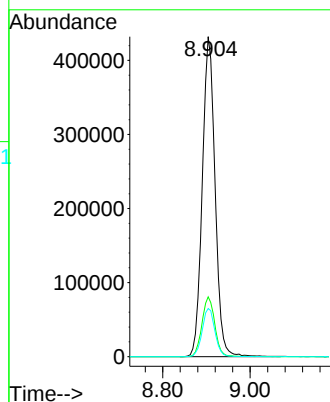
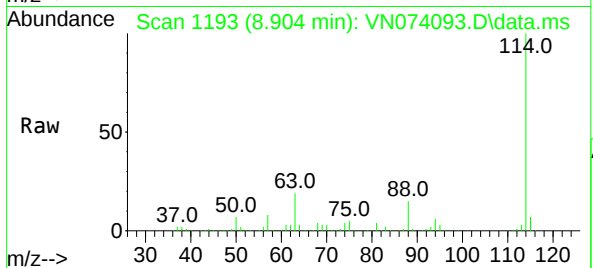
Tgt Ion:114 Resp: 881617

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.241 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074093.D

Acq: 24 Aug 2022 15:50

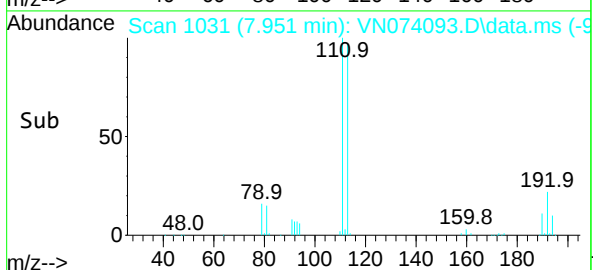
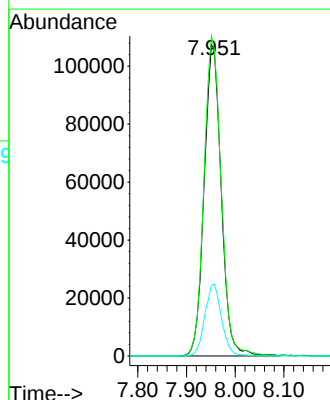
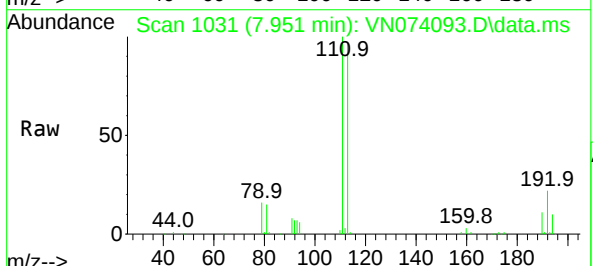
Tgt Ion:113 Resp: 261948

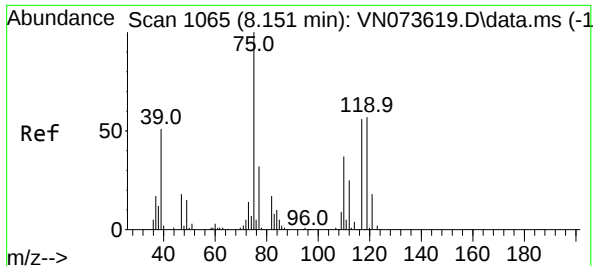
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 22.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.216 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.129 min

Lab File: VN074093.D

Acq: 24 Aug 2022 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-103I

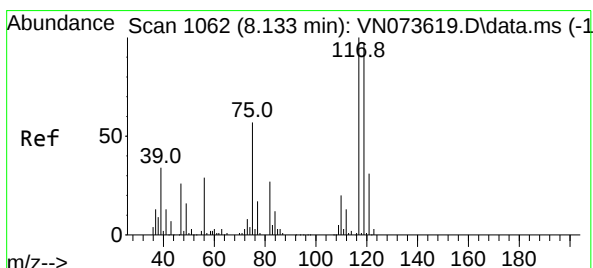
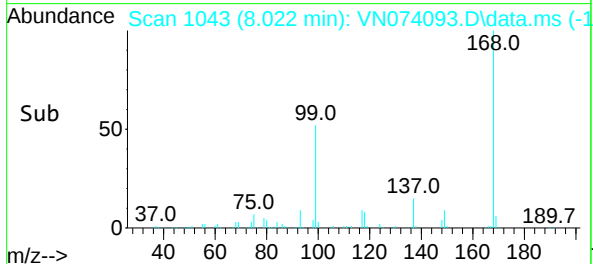
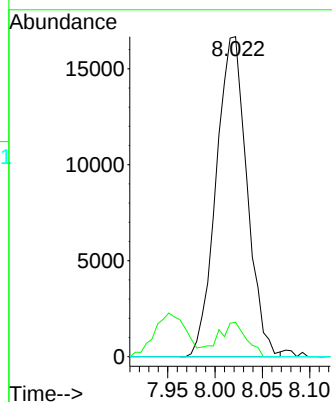
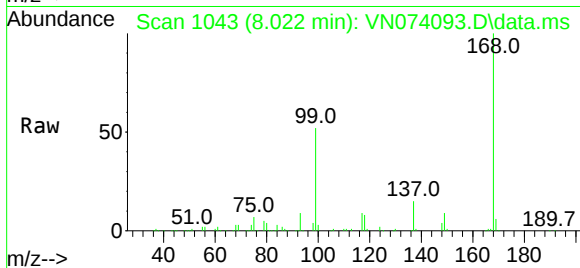
Tgt Ion: 75 Resp: 37775

Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.164 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.117 min

Lab File: VN074093.D

Acq: 24 Aug 2022 15:50

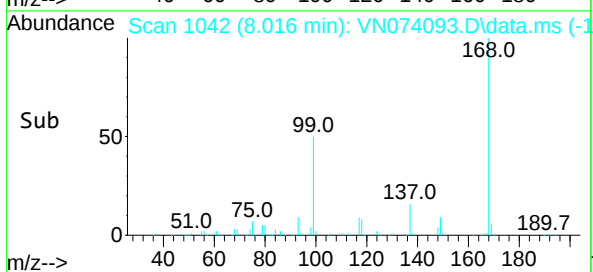
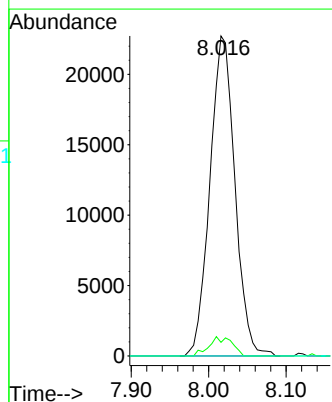
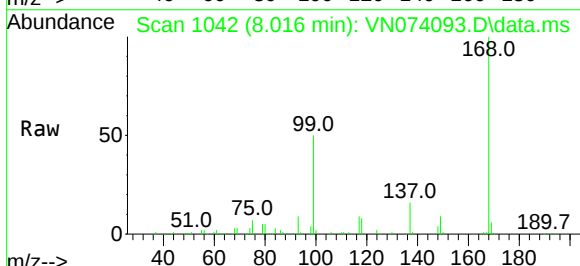
Tgt Ion: 117 Resp: 51024

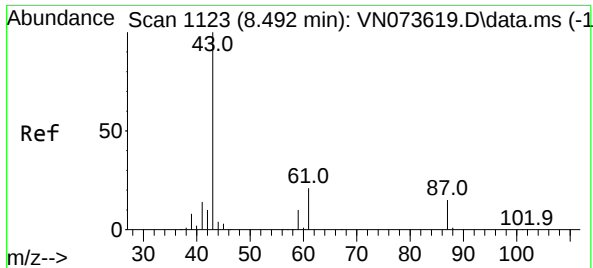
Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.8#

121 0.0 24.6 37.0#

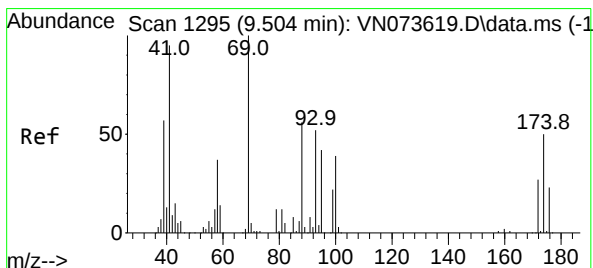
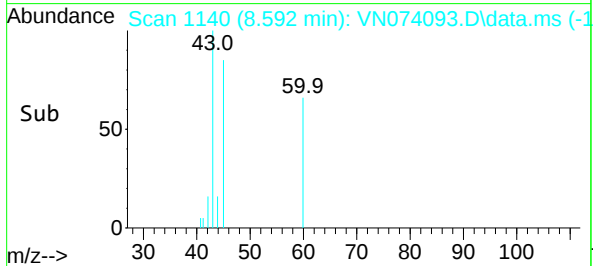
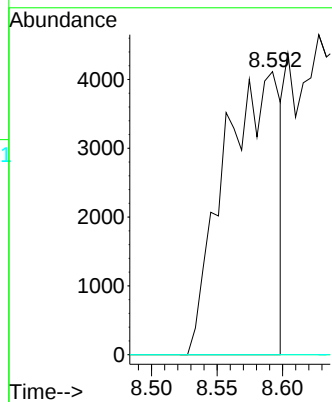
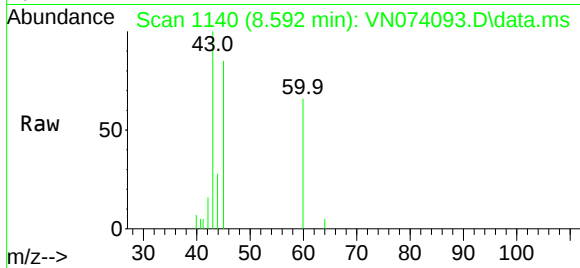




#43
Isopropyl Acetate
Concen: 0.972 ug/l
RT: 8.592 min Scan# 1123
Delta R.T. 0.100 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

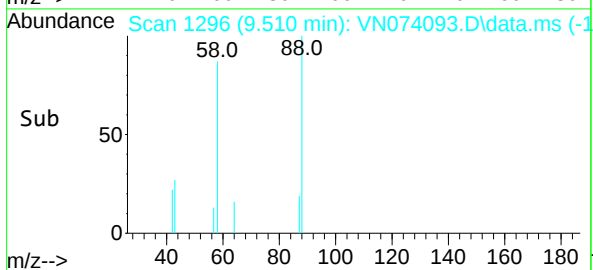
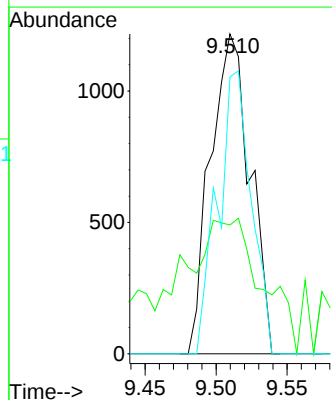
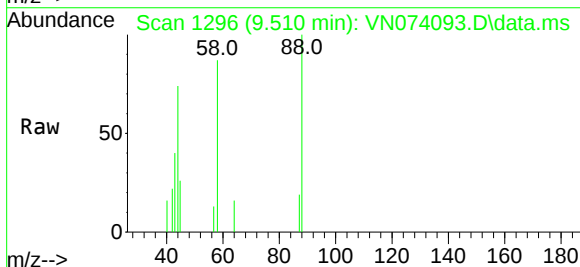
Instrument :
MSVOA_N
ClientSampleId :
MW-103I

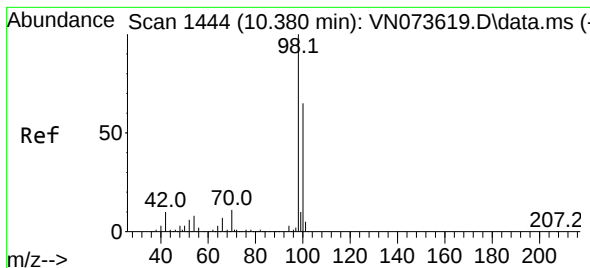
Tgt Ion: 43 Resp: 12154
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#49
1,4-Dioxane
Concen: 14.846 ug/l
RT: 9.510 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

Tgt Ion: 88 Resp: 2361
Ion Ratio Lower Upper
88 100
43 81.3 20.2 30.4#
58 75.0 54.2 81.4

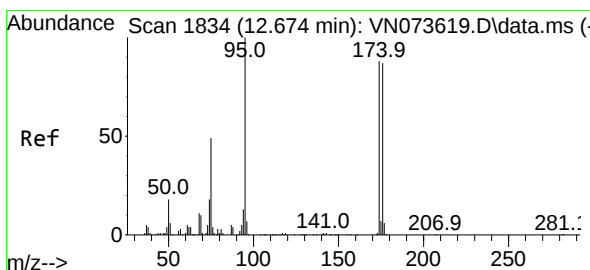
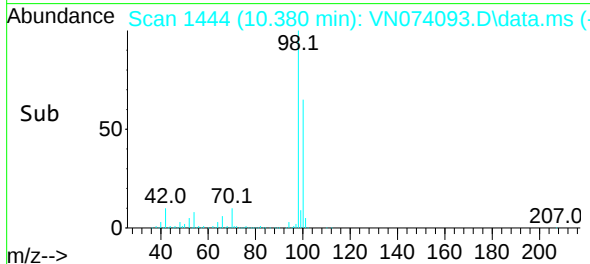
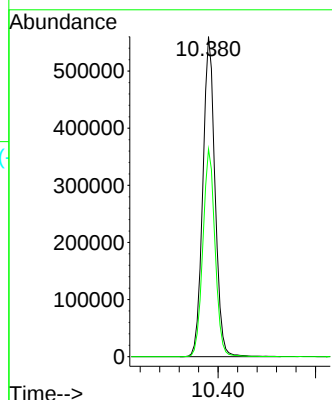
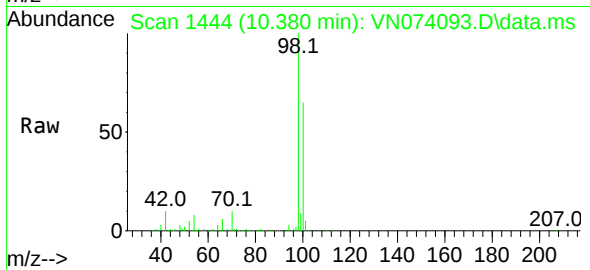




#50
Toluene-d8
Concen: 48.210 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

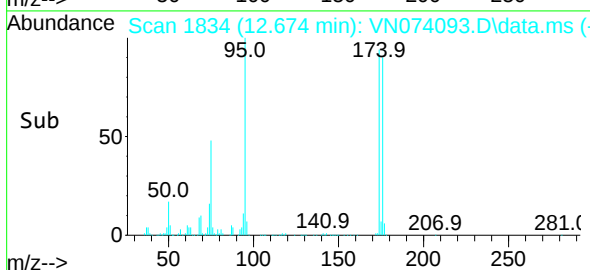
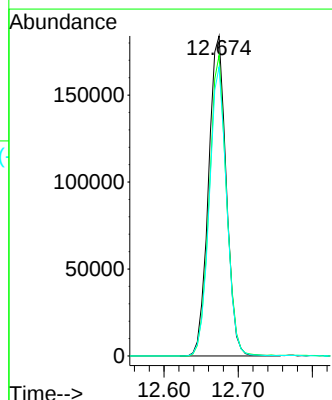
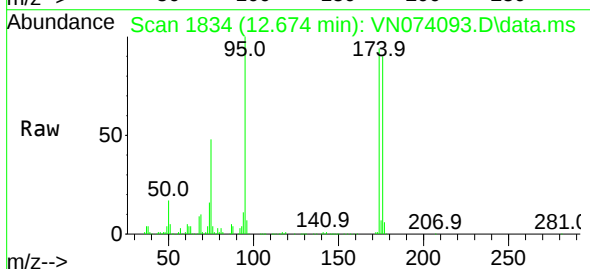
Instrument :
MSVOA_N
ClientSampleId :
MW-103I

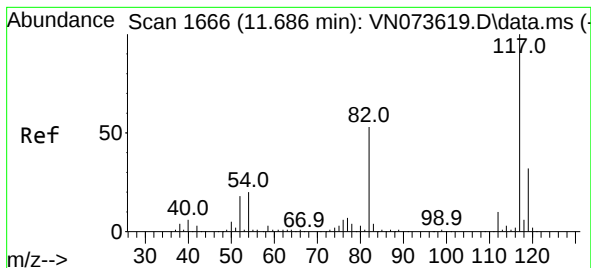
Tgt Ion: 98 Resp: 973482
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.587 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

Tgt Ion: 95 Resp: 305503
Ion Ratio Lower Upper
95 100
174 91.0 0.0 167.6
176 88.1 0.0 163.4

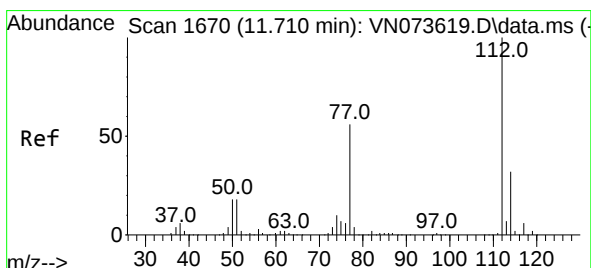
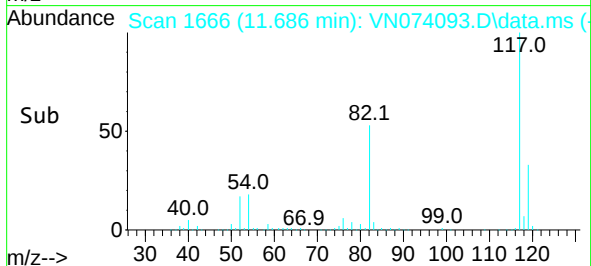
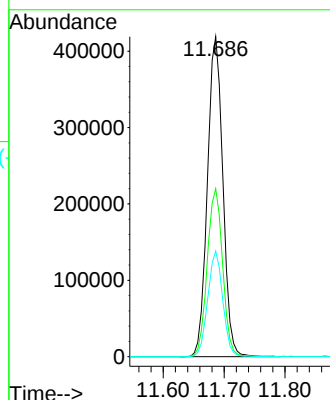
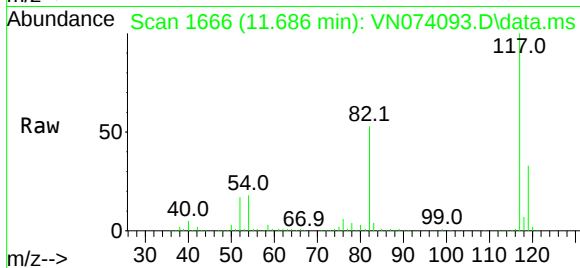




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

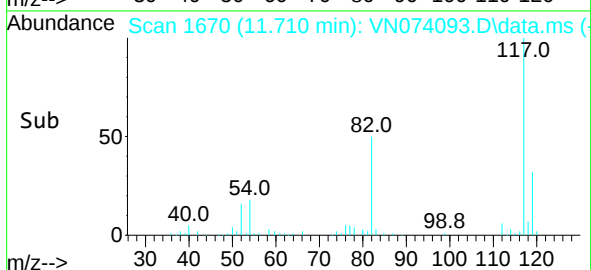
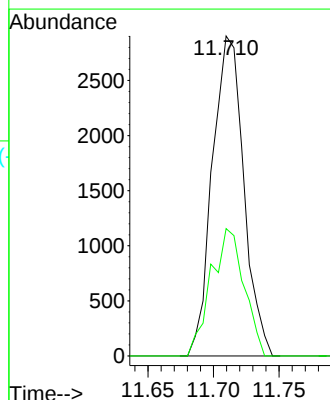
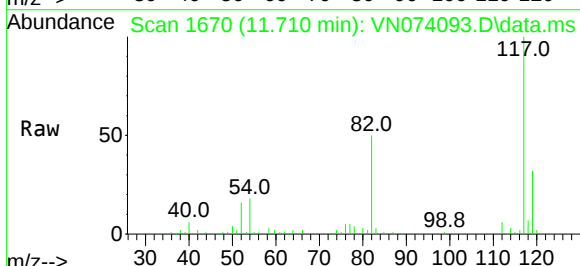
Instrument :
MSVOA_N
ClientSampleId :
MW-103I

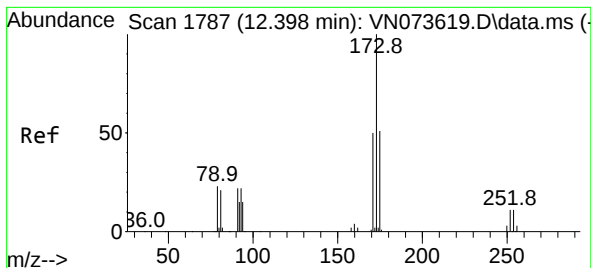
Tgt Ion:117 Resp: 738580
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 33.0 25.4 38.0



#65
Chlorobenzene
Concen: 0.308 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

Tgt Ion:112 Resp: 4832
Ion Ratio Lower Upper
112 100
114 39.8 25.4 38.2#





#71

Bromoform

Concen: 0.285 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. 0.270 min

Lab File: VN074093.D

Acq: 24 Aug 2022 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-103I

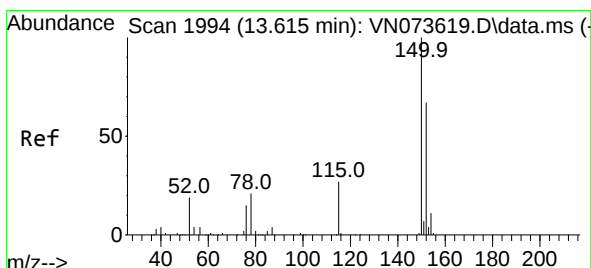
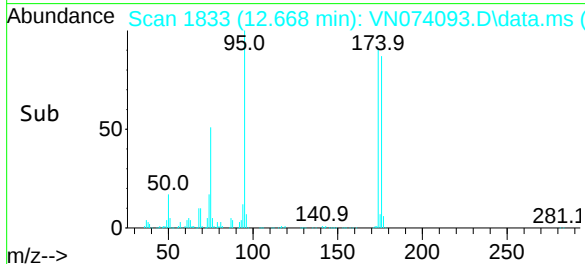
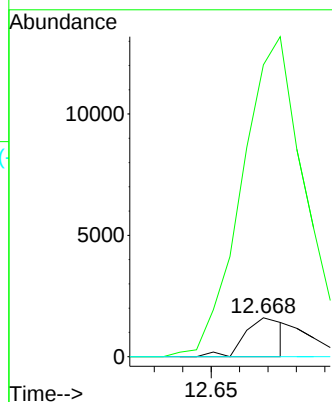
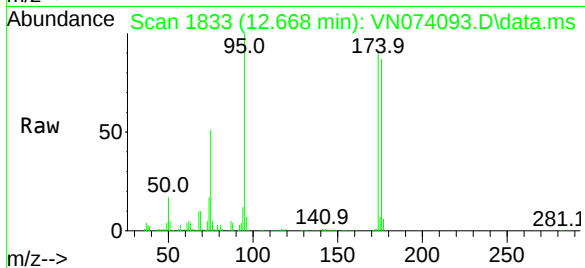
Tgt Ion:173 Resp: 1514

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: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN074093.D

Acq: 24 Aug 2022 15:50

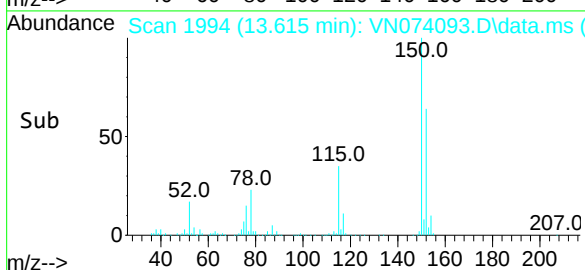
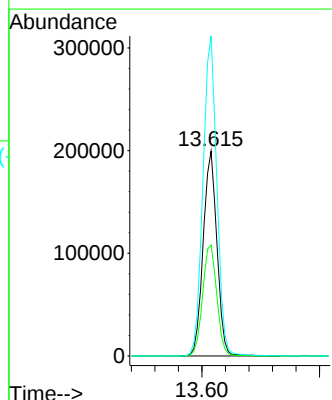
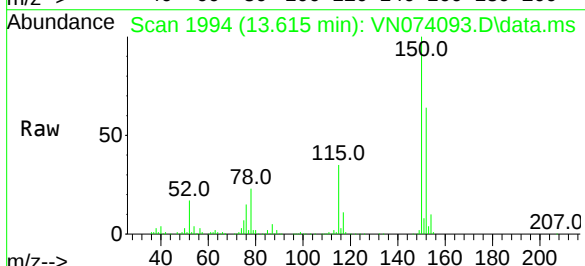
Tgt Ion:152 Resp: 323527

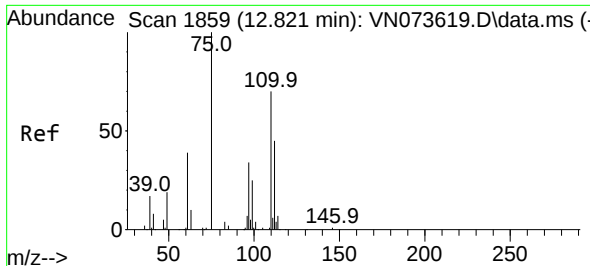
Ion Ratio Lower Upper

152 100

115 55.8 28.9 86.7

150 157.5 0.0 356.2

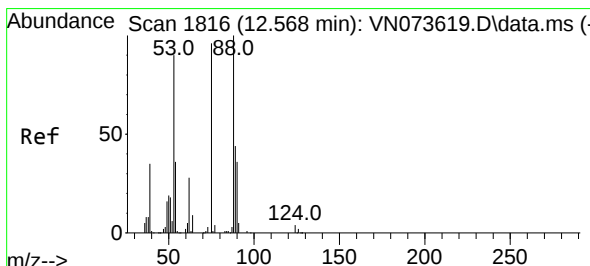
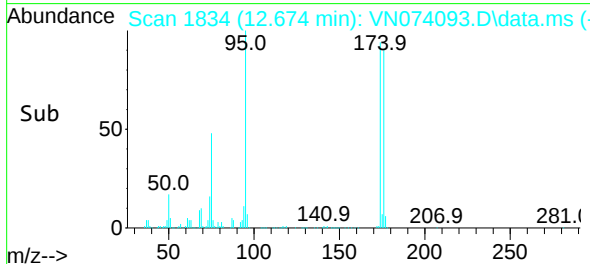
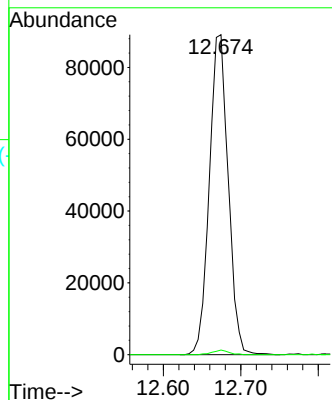
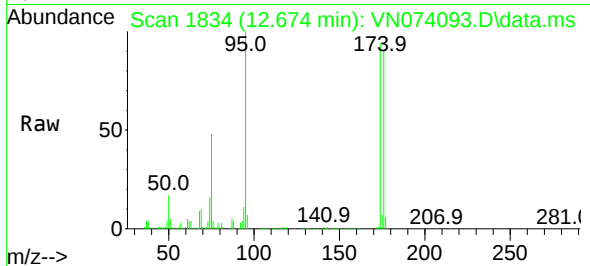




#76
1,2,3-Trichloropropane
Concen: 22.378 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

Instrument :
MSVOA_N
ClientSampleId :
MW-103I

Tgt Ion: 75 Resp: 150478
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.646 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

Tgt Ion: 75 Resp: 150478
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

