

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074390.D
 Acq On : 09 Sep 2022 22:12
 Operator : JC\MD
 Sample : N4471-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06-1.5-11.5-083122

Quant Time: Sep 10 07:27:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	374585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.910	114	677775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	702625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	335141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	260575	40.207	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.420%
35) Dibromofluoromethane	7.951	113	224904	49.152	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.300%
50) Toluene-d8	10.380	98	794445	44.560	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.120%
62) 4-Bromofluorobenzene	12.674	95	336831	52.036	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.998	85	80644	16.613	ug/l	90
3) Chloromethane	2.304	50	1844	Below Cal	#	45
4) Vinyl Chloride	2.404	62	118770	14.645	ug/l	98
6) Chloroethane	3.104	64	27854	1.335	ug/l	# 50
8) Diethyl Ether	3.769	74	1898	0.562	ug/l	85
11) Tert butyl alcohol	5.281	59	978	0.577	ug/l	# 71
12) 1,1-Dichloroethene	4.122	96	968595	207.430	ug/l	88
13) Acrolein	3.992	56	303	0.269	ug/l	95
16) Acetone	4.134	43	1052231	300.736	ug/l	# 80
20) Methylene Chloride	5.004	84	119310	22.410	ug/l	93
21) trans-1,2-Dichloroethene	5.510	96	21381	4.086	ug/l	# 93
24) 1,1-Dichloroethane	6.304	63	66500	6.276	ug/l	95
25) 2-Butanone	7.269	43	4691	0.799	ug/l	# 1
27) cis-1,2-Dichloroethene	7.251	96	8149913	1264.266	ug/l	90
28) Bromochloromethane	7.745	49	8704	1.883	ug/l	# 20
29) Tetrahydrofuran	7.616	42	77341	19.921	ug/l	98
30) Chloroform	7.751	83	79020	7.471	ug/l	99
31) Cyclohexane	8.016	56	11786	1.143	ug/l	# 28
32) 1,1,1-Trichloroethane	7.939	97	270280	28.483	ug/l	99
38) Carbon Tetrachloride	8.010	117	38886	4.997	ug/l	# 15
39) Methylcyclohexane	9.157	83	1780061	186.319	ug/l	# 1
40) Benzene	8.398	78	159387	6.906	ug/l	97
41) Methacrylonitrile	7.610	41	46568	8.583	ug/l	# 48
42) 1,2-Dichloroethane	8.463	62	45267	5.130	ug/l	99
45) 1,2-Dichloropropane	9.186	63	722687	117.956	ug/l	# 1
48) Methyl methacrylate	9.439	41	1689	0.214	ug/l	# 47
49) 1,4-Dioxane	9.522	88	511	3.077	ug/l	# 10
51) 4-Methyl-2-Pentanone	10.280	43	4190	0.358	ug/l	# 79
52) Toluene	10.445	92	23394	1.639	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	84356	14.338	ug/l	92
60) Dibromochloromethane	10.916	129	1695097	284.567	ug/l	# 11
64) Tetrachloroethene	10.916	164	1830679	384.342	ug/l	97
68) m/p-Xylenes	11.892	106	2607	0.217	ug/l	96
74) N-amyl acetate	12.327	43	547	Below Cal	#	45
75) 1,1,2,2-Tetrachloroethane	12.774	83	3461	0.286	ug/l	94
76) 1,2,3-Trichloropropane	12.674	75	201409	22.989	ug/l	# 1

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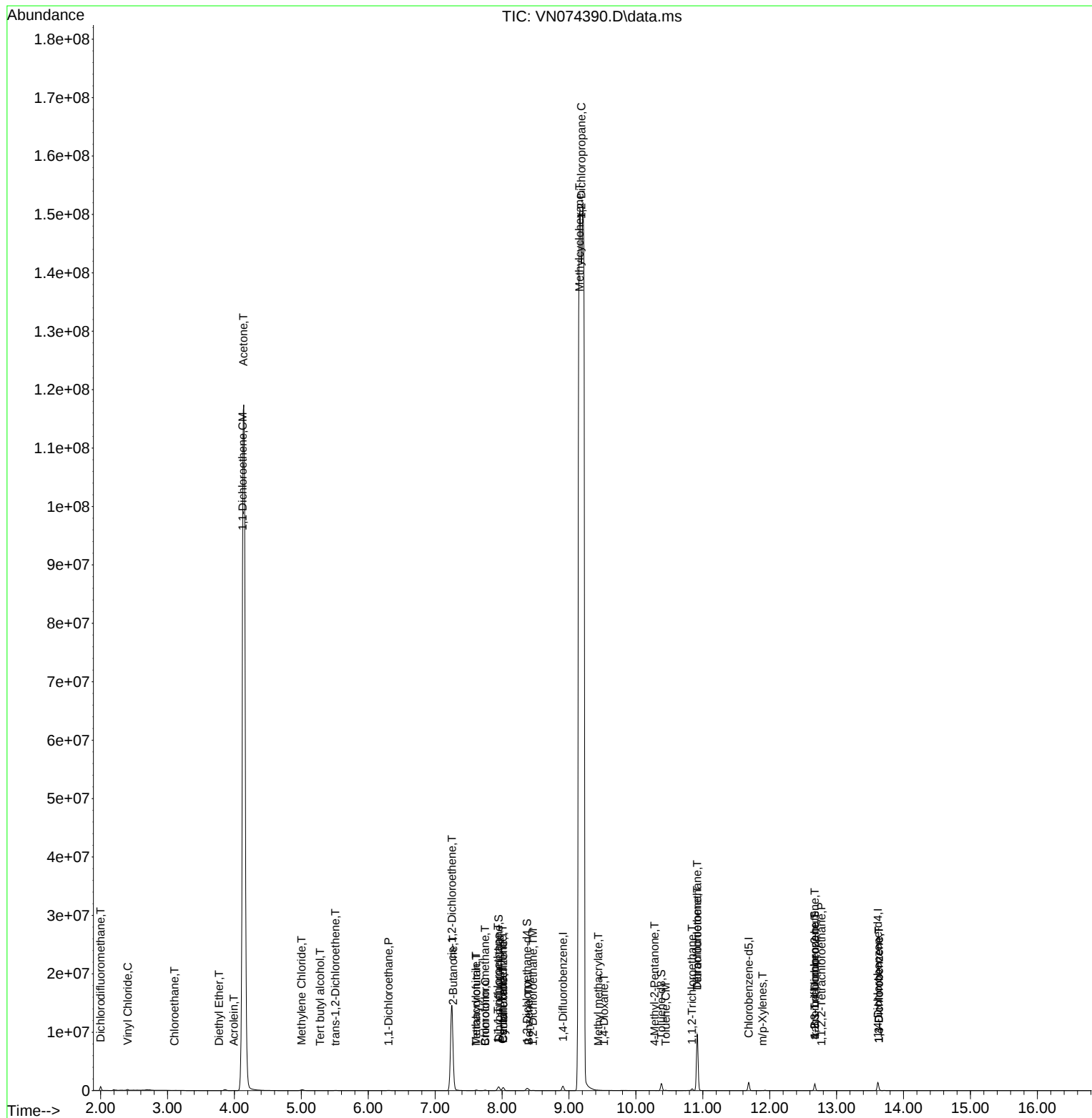
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.674	75	201409	51.242	ug/l #	9
87) 1,3-Dichlorobenzene	13.633	146	41096	3.216	ug/l	89
88) 1,4-Dichlorobenzene	13.633	146	41096	3.183	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.580	75	59	Below Cal	#	8

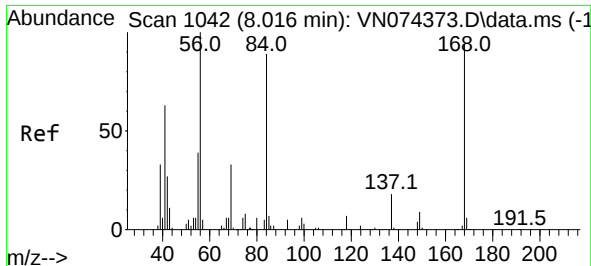
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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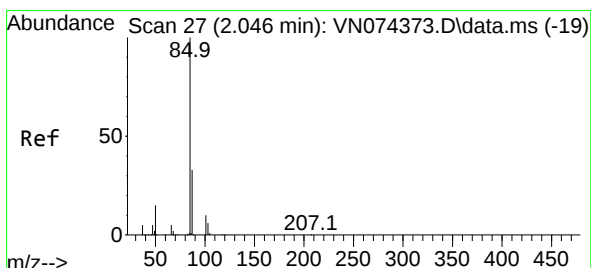
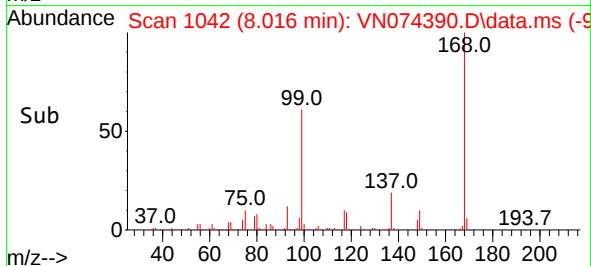
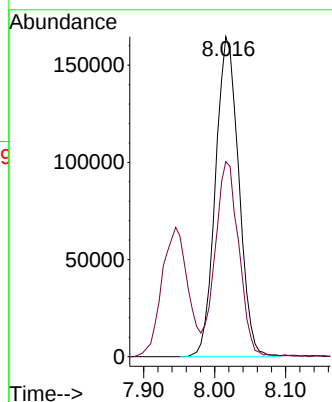
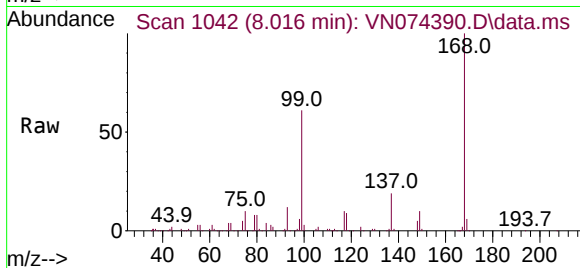




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

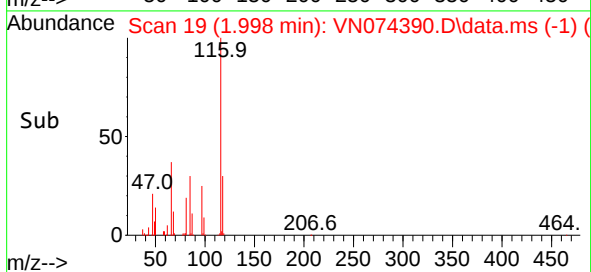
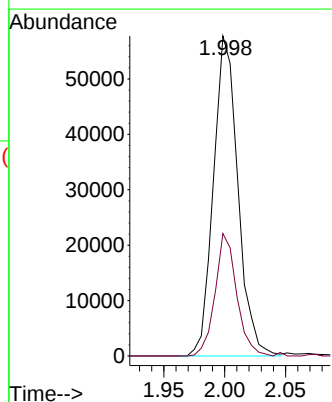
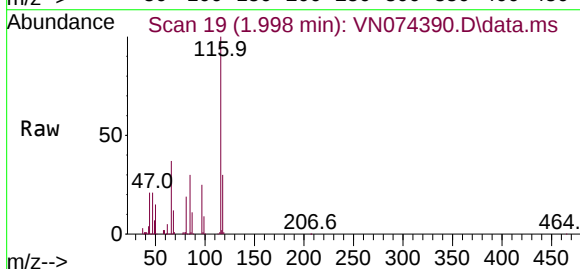
Instrument :
MSVOA_N
ClientSampleId :
MW-06-1.5-11.5-083122

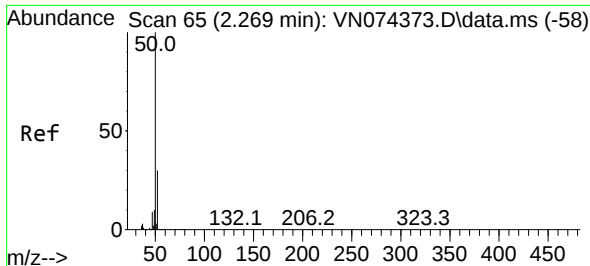
Tgt Ion:168 Resp: 374585
Ion Ratio Lower Upper
168 100
99 60.7 52.8 79.2



#2
Dichlorodifluoromethane
Concen: 16.613 ug/l
RT: 1.998 min Scan# 19
Delta R.T. -0.047 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Tgt Ion: 85 Resp: 80644
Ion Ratio Lower Upper
85 100
87 38.2 16.4 49.2

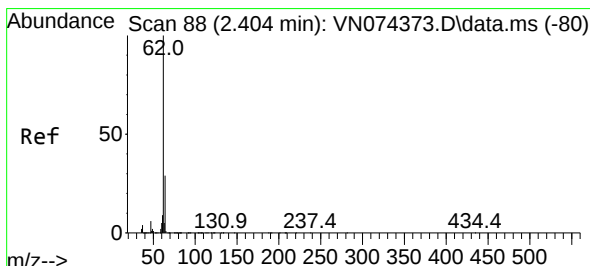
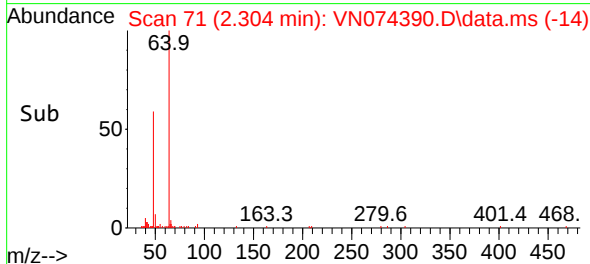
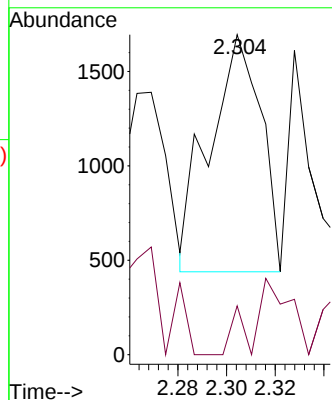
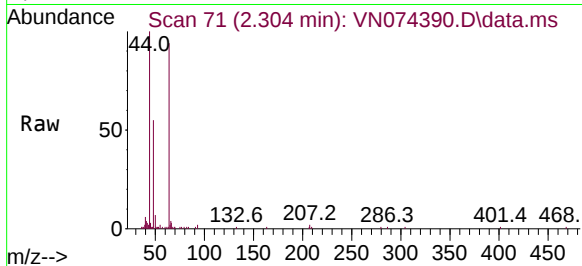




#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 71
Delta R.T. 0.035 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

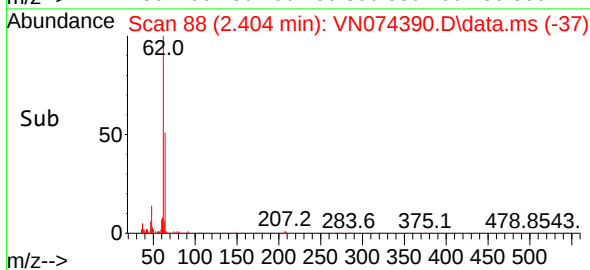
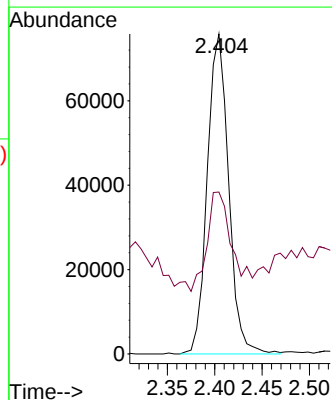
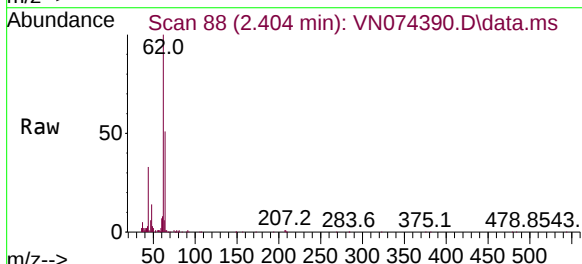
Instrument :
MSVOA_N
ClientSampleId :
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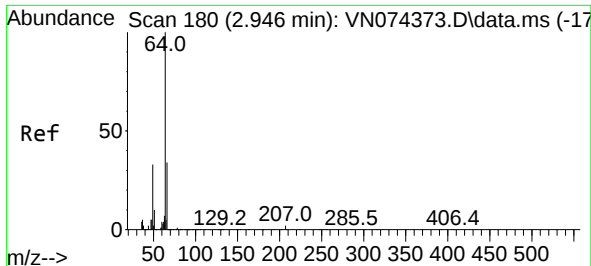
Tgt Ion: 50 Resp: 1844
Ion Ratio Lower Upper
50 100
52 0.0 24.1 36.1#



#4
Vinyl Chloride
Concen: 14.645 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Tgt Ion: 62 Resp: 118770
Ion Ratio Lower Upper
62 100
64 28.2 23.5 35.3

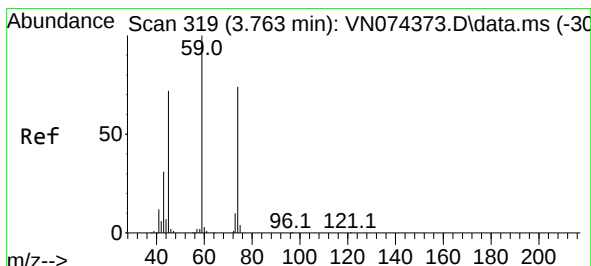
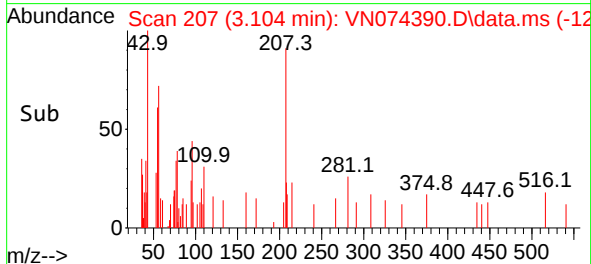
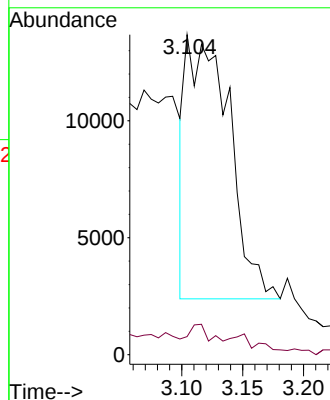
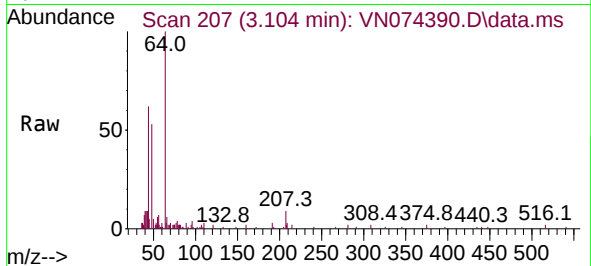




#6
Chloroethane
Concen: 1.335 ug/l
RT: 3.104 min Scan# 20
Delta R.T. 0.158 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

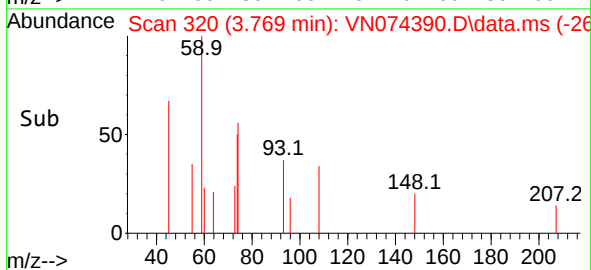
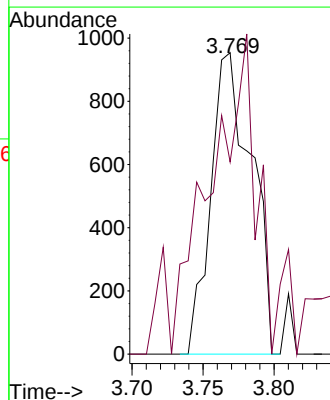
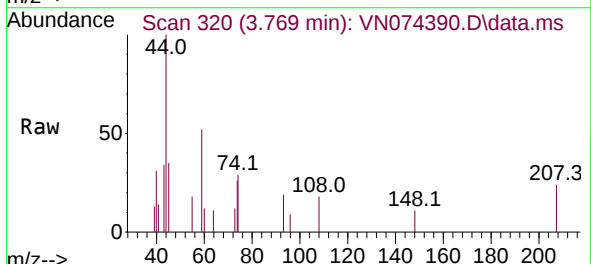
Instrument :
MSVOA_N
ClientSampleId :
MW-06-1.5-11.5-083122

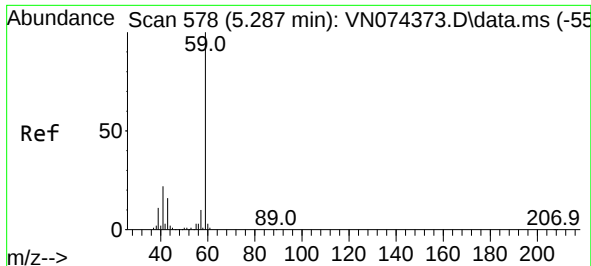
Tgt Ion: 64 Resp: 27854
Ion Ratio Lower Upper
64 100
66 5.0 26.5 39.7#



#8
Diethyl Ether
Concen: 0.562 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Tgt Ion: 74 Resp: 1898
Ion Ratio Lower Upper
74 100
45 120.3 52.4 157.3

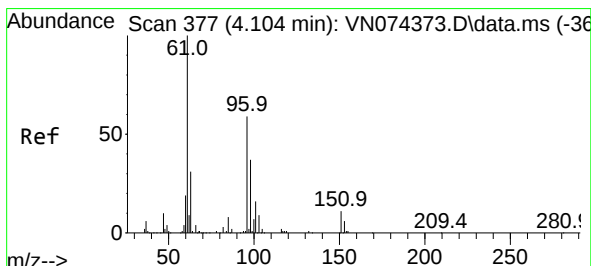
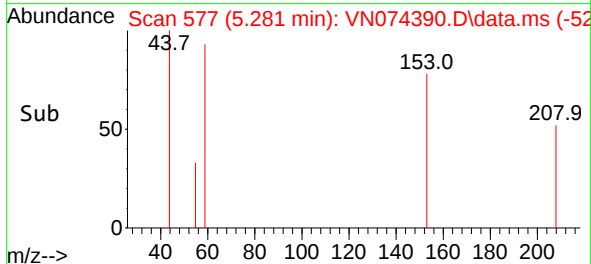
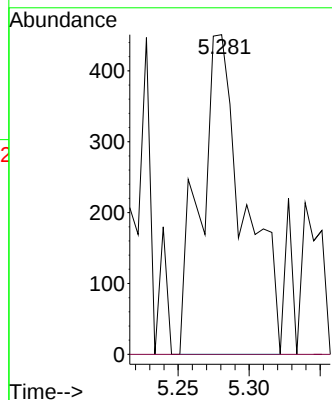
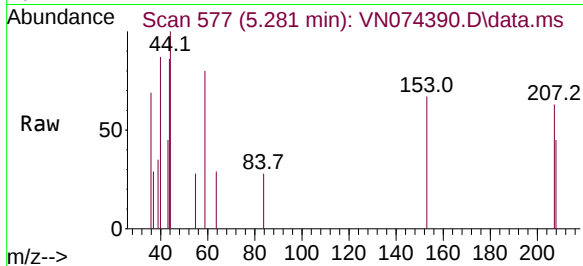




#11
Tert butyl alcohol
Concen: 0.577 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

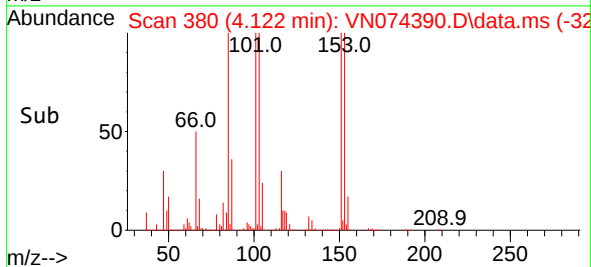
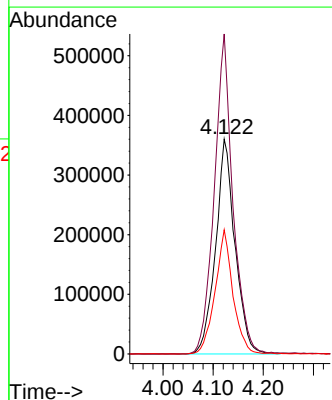
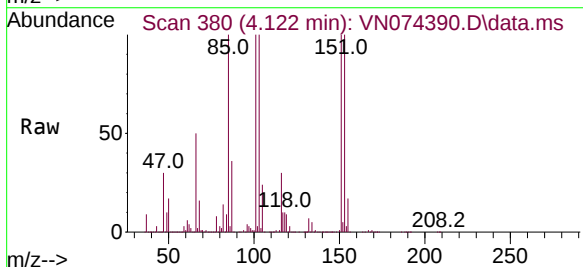
Instrument :
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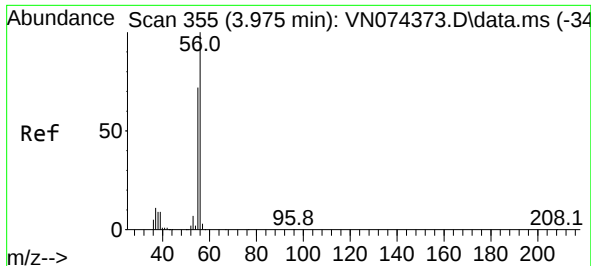
Tgt Ion: 59 Resp: 978
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 207.430 ug/l
RT: 4.122 min Scan# 380
Delta R.T. 0.018 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Tgt Ion: 96 Resp: 968595
Ion Ratio Lower Upper
96 100
61 148.9 134.7 202.1
98 57.8 50.2 75.4

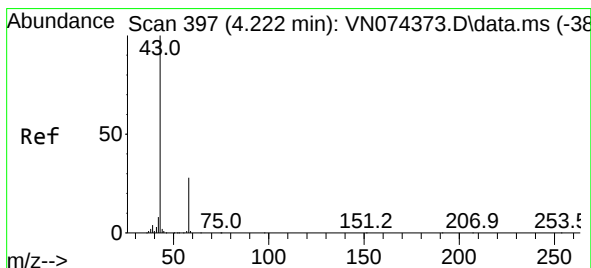
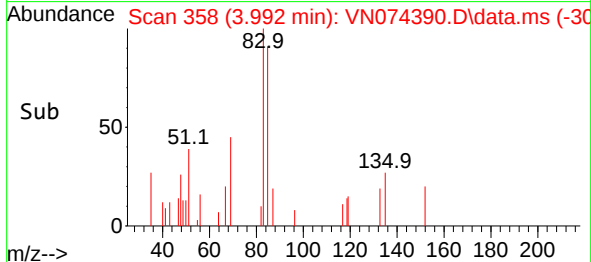
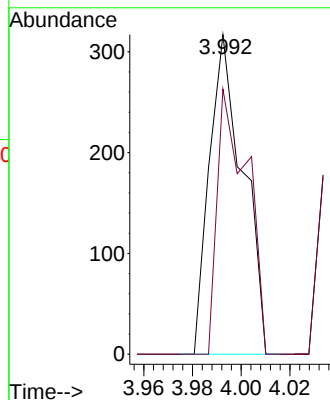
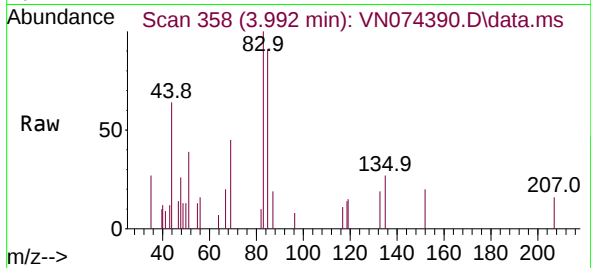




#13
Acrolein
Concen: 0.269 ug/l
RT: 3.992 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

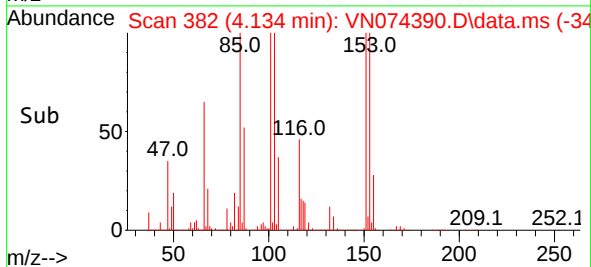
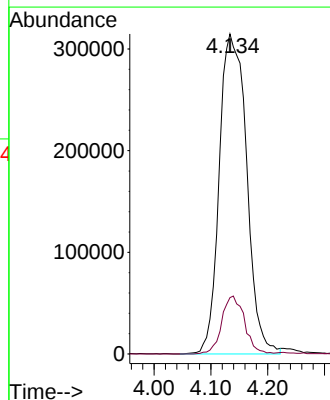
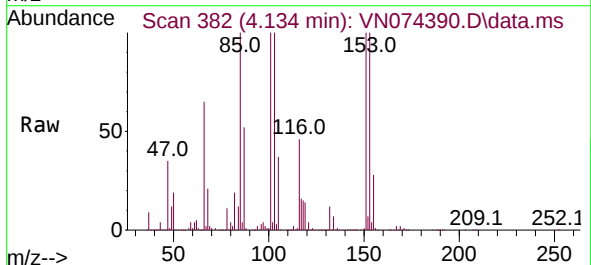
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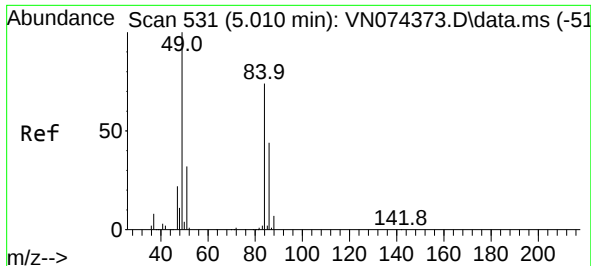
Tgt Ion: 56 Resp: 303
Ion Ratio Lower Upper
56 100
55 74.3 56.2 84.4



#16
Acetone
Concen: 300.736 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.088 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Tgt Ion: 43 Resp: 1052231
Ion Ratio Lower Upper
43 100
58 17.6 22.7 34.1#

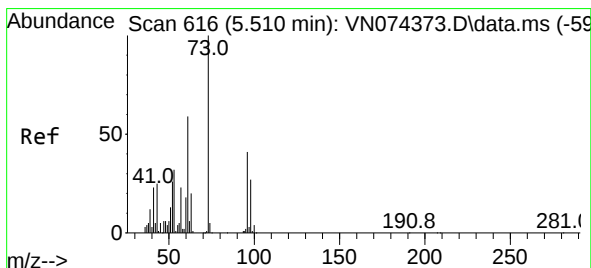
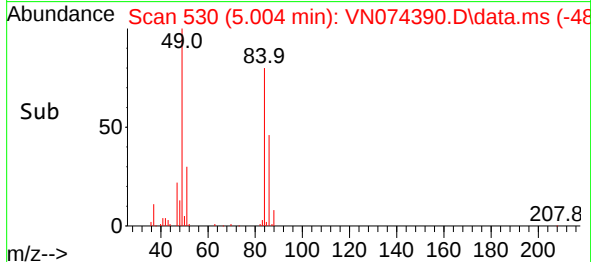
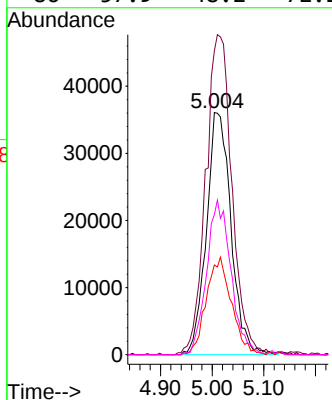
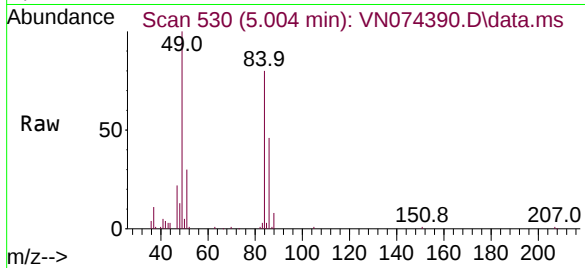




#20
Methylene Chloride
Concen: 22.410 ug/l
RT: 5.004 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

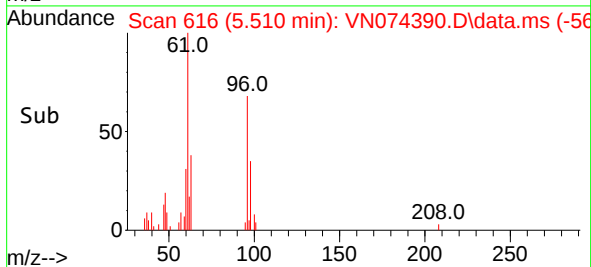
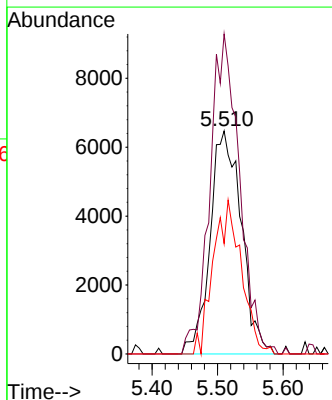
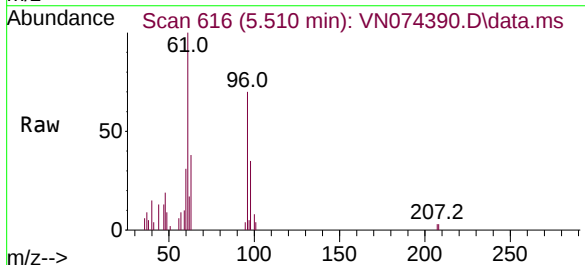
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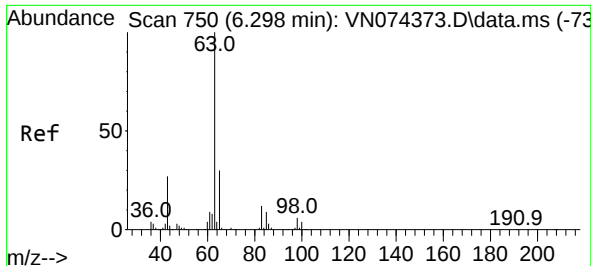
Tgt Ion: 84 Resp: 119310
Ion Ratio Lower Upper
84 100
49 124.6 108.2 162.4
51 37.1 34.3 51.5
86 57.9 48.2 72.2



#21
trans-1,2-Dichloroethene
Concen: 4.086 ug/l
RT: 5.510 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Tgt Ion: 96 Resp: 21381
Ion Ratio Lower Upper
96 100
61 143.5 115.3 172.9
98 49.5 53.4 80.0#

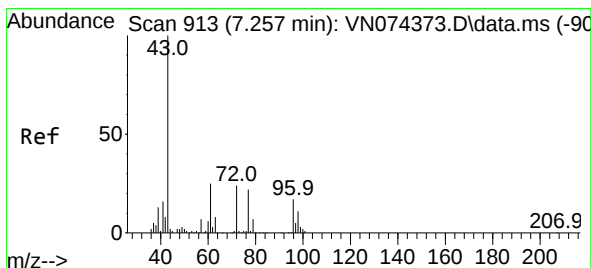
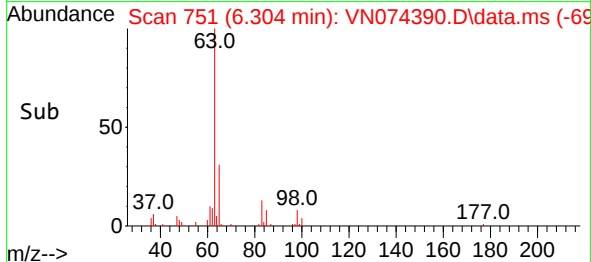
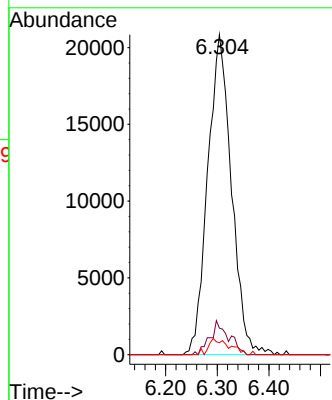
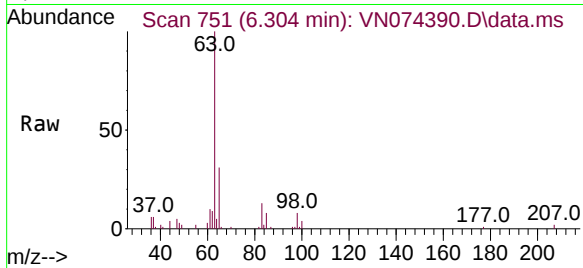




#24
1,1-Dichloroethane
Concen: 6.276 ug/l
RT: 6.304 min Scan# 751
Delta R.T. 0.006 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

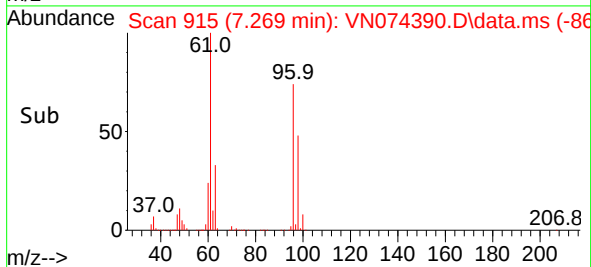
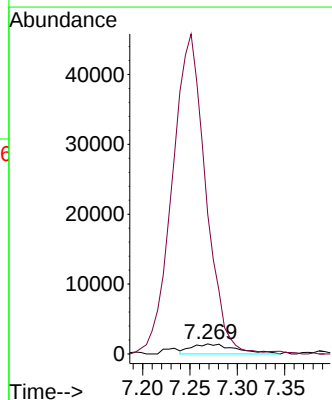
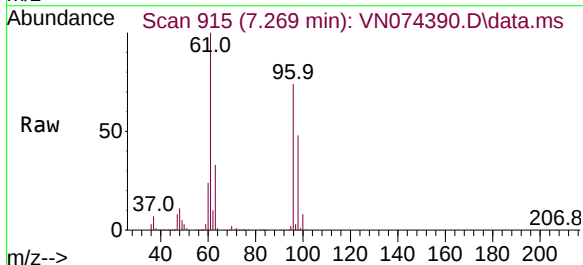
Instrument :
MSVOA_N
ClientSampleId :
MW-06-1.5-11.5-083122

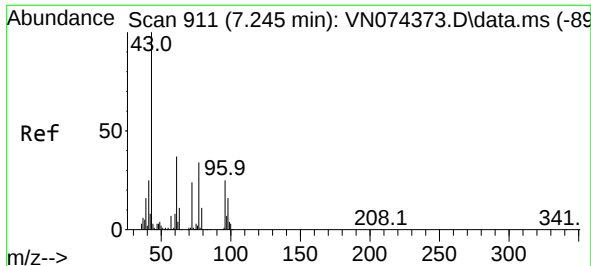
Tgt Ion: 63 Resp: 66500
Ion Ratio Lower Upper
63 100
98 8.3 2.9 8.6
100 3.8 2.0 5.8



#25
2-Butanone
Concen: 0.799 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Tgt Ion: 43 Resp: 4691
Ion Ratio Lower Upper
43 100
72 1350.2 18.9 28.3#





#27

cis-1,2-Dichloroethene

Concen: 1264.266 ug/l

RT: 7.251 min Scan# 911

Delta R.T. 0.006 min

Lab File: VN074390.D

Acq: 09 Sep 2022 22:12

Instrument :

MSVOA_N

ClientSampleId :

MW-06-1.5-11.5-083122

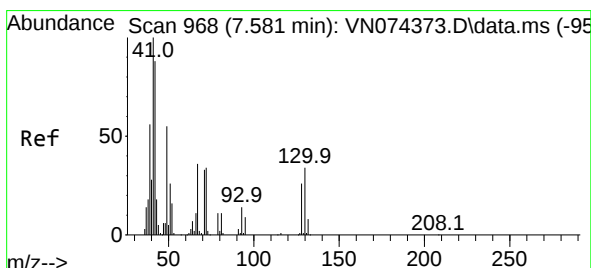
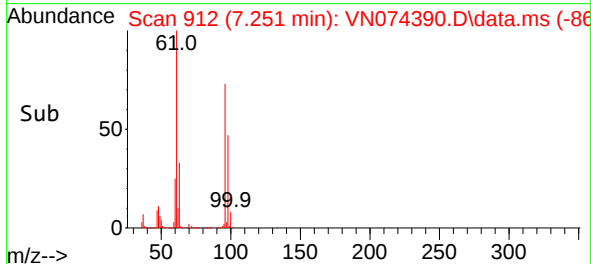
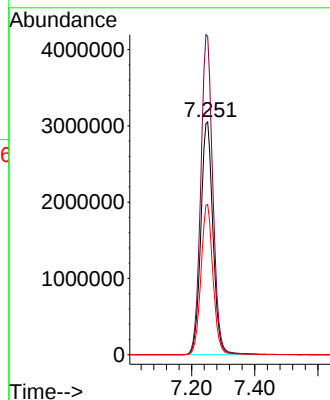
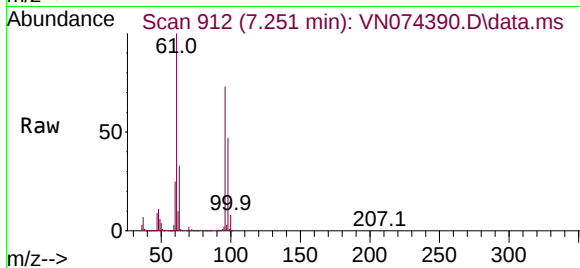
Tgt Ion: 96 Resp: 8149913

Ion Ratio Lower Upper

96 100

61 136.3 0.0 306.2

98 63.9 0.0 129.8



#28

Bromochloromethane

Concen: 1.883 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.164 min

Lab File: VN074390.D

Acq: 09 Sep 2022 22:12

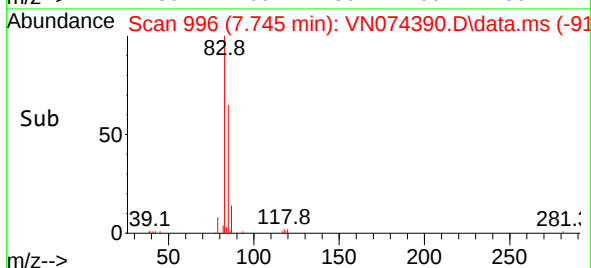
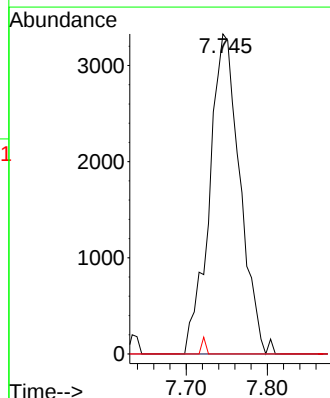
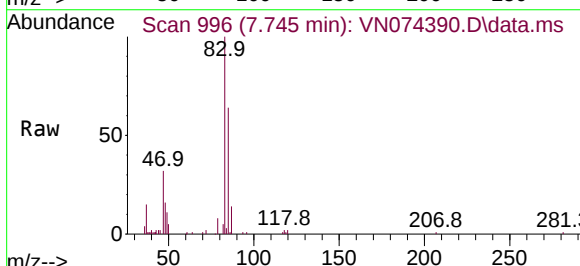
Tgt Ion: 49 Resp: 8704

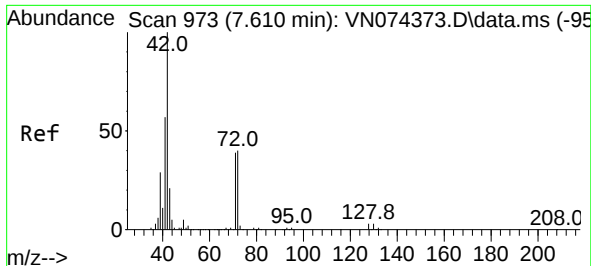
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

130 0.0 50.0 75.0#





#29

Tetrahydrofuran

Concen: 19.921 ug/l

RT: 7.616 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074390.D

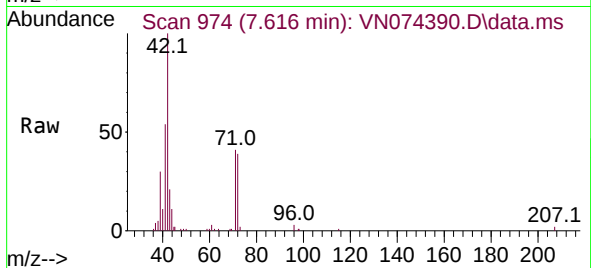
Acq: 09 Sep 2022 22:12

Instrument :

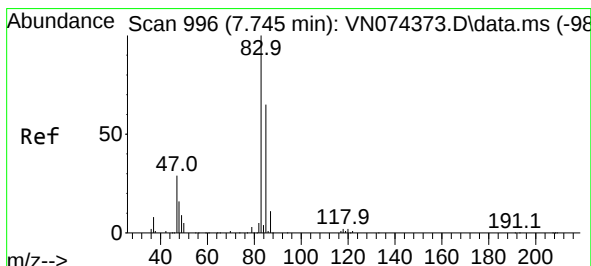
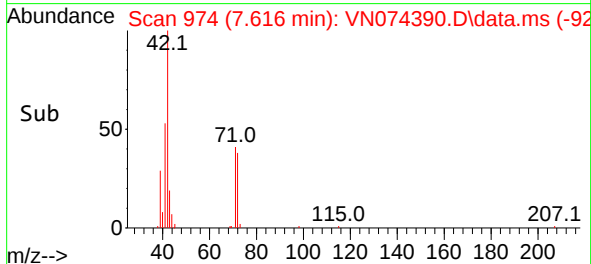
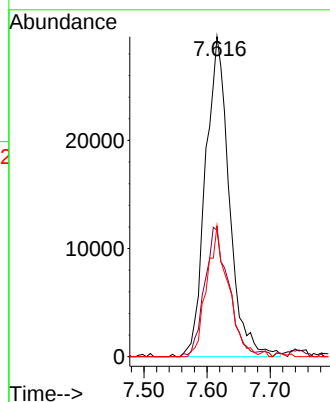
MSVOA_N

ClientSampleId :

MW-06-1.5-11.5-083122



Tgt Ion:	42	Resp:	77341
Ion Ratio	Lower	Upper	
42	100		
72	40.5	32.7	49.1
71	37.3	31.0	46.6



#30

Chloroform

Concen: 7.471 ug/l

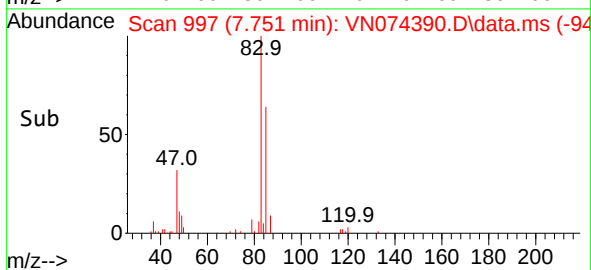
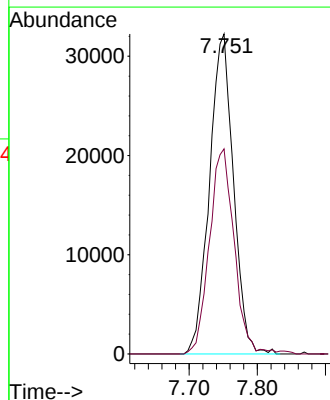
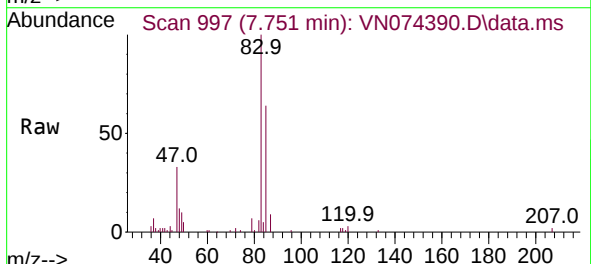
RT: 7.751 min Scan# 997

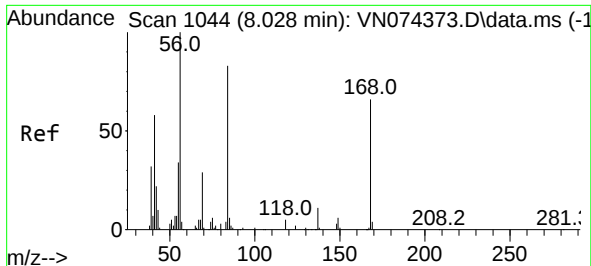
Delta R.T. 0.006 min

Lab File: VN074390.D

Acq: 09 Sep 2022 22:12

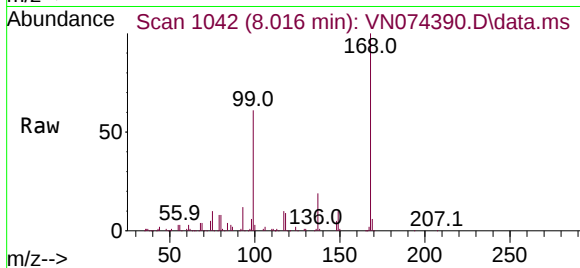
Tgt Ion:	83	Resp:	79020
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.8	77.6



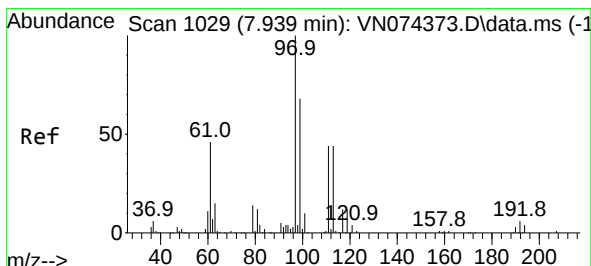
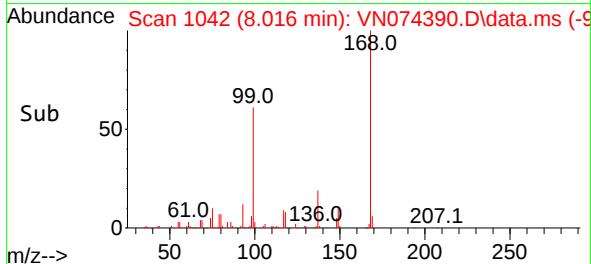
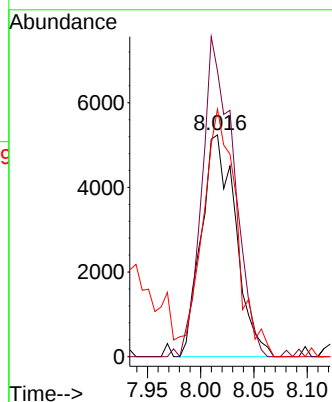


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.012 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Instrument :
MSVOA_N
ClientSampleId :
MW-06-1.5-11.5-083122

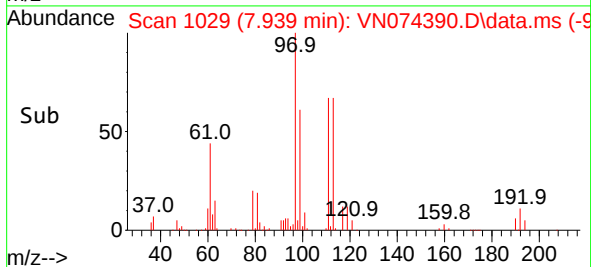
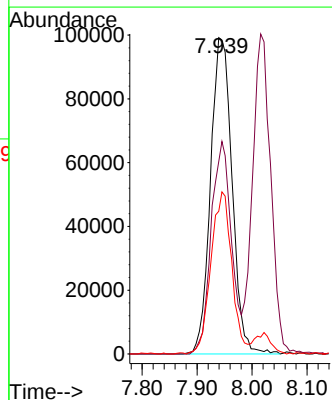
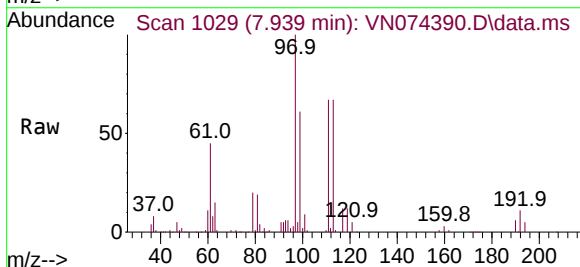


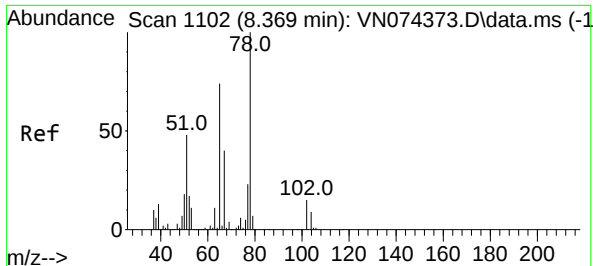
Tgt Ion: 56 Resp: 11786
Ion Ratio Lower Upper
56 100
69 128.9 23.0 34.4#
84 111.7 66.3 99.5#



#32
1,1,1-Trichloroethane
Concen: 28.483 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Tgt Ion: 97 Resp: 270280
Ion Ratio Lower Upper
97 100
99 63.1 50.2 75.2
61 49.5 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 40.207 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074390.D

Acq: 09 Sep 2022 22:12

Instrument :

MSVOA_N

ClientSampleId :

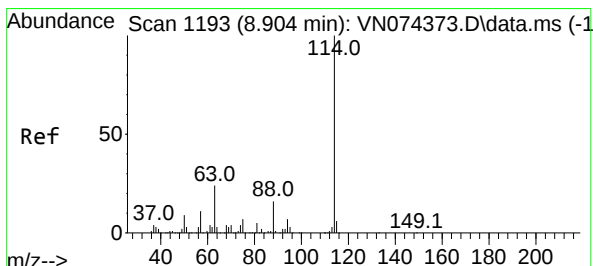
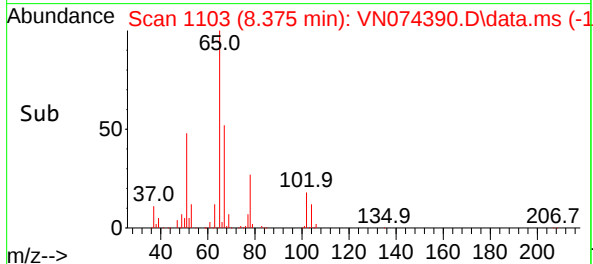
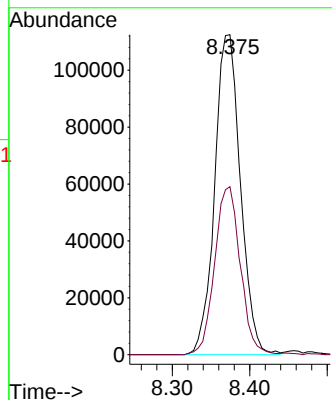
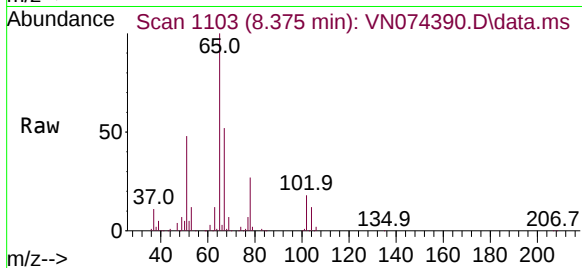
MW-06-1.5-11.5-083122

Tgt Ion: 65 Resp: 260575

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.910 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VN074390.D

Acq: 09 Sep 2022 22:12

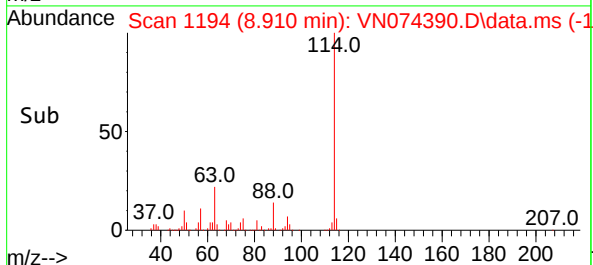
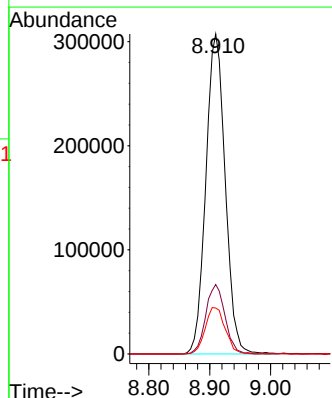
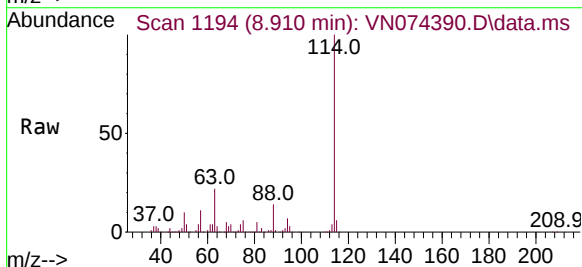
Tgt Ion: 114 Resp: 677775

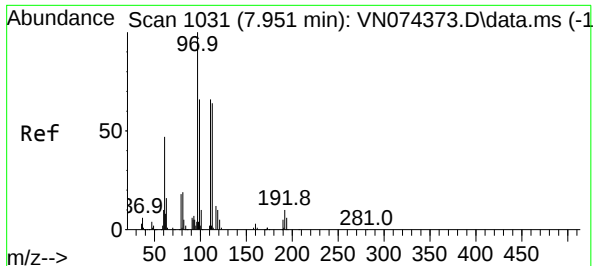
Ion Ratio Lower Upper

114 100

63 21.7 0.0 47.6

88 14.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.152 ug/l

RT: 7.951 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VN074390.D

Acq: 09 Sep 2022 22:12

Instrument :

MSVOA_N

ClientSampleId :

MW-06-1.5-11.5-083122

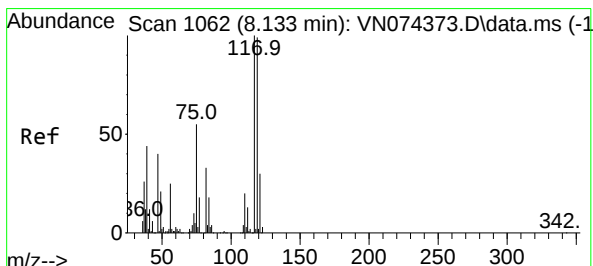
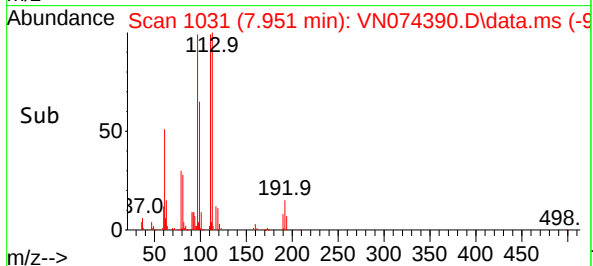
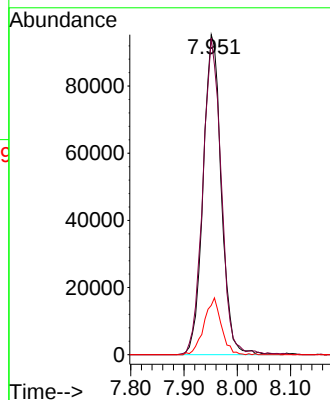
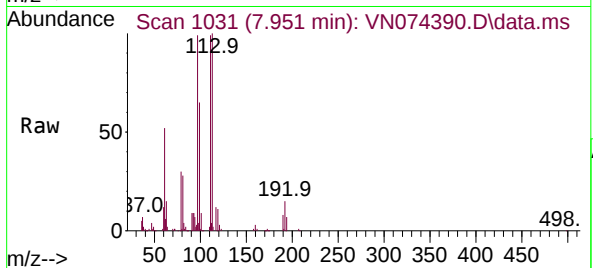
Tgt Ion:113 Resp: 224904

Ion Ratio Lower Upper

113 100

111 101.0 83.0 124.4

192 16.9 13.7 20.5



#38

Carbon Tetrachloride

Concen: 4.997 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.124 min

Lab File: VN074390.D

Acq: 09 Sep 2022 22:12

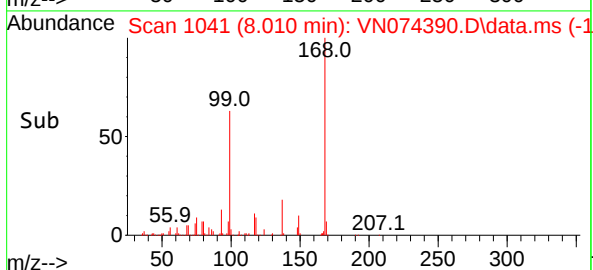
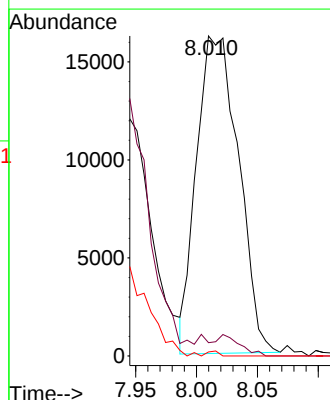
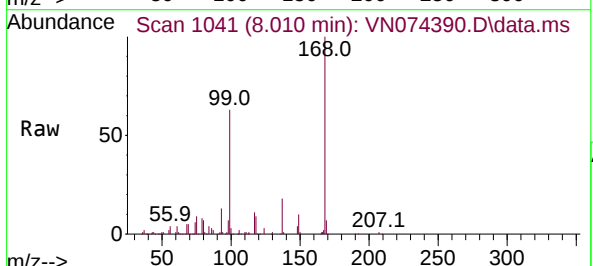
Tgt Ion:117 Resp: 38886

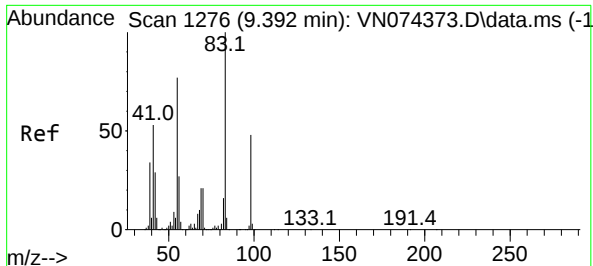
Ion Ratio Lower Upper

117 100

119 4.2 78.8 118.2#

121 1.3 24.1 36.1#





#39

Methylcyclohexane

Concen: 186.319 ug/l

RT: 9.157 min Scan# 1107

Delta R.T. -0.235 min

Lab File: VN074390.D

Acq: 09 Sep 2022 22:12

Instrument :

MSVOA_N

ClientSampleId :

MW-06-1.5-11.5-083122

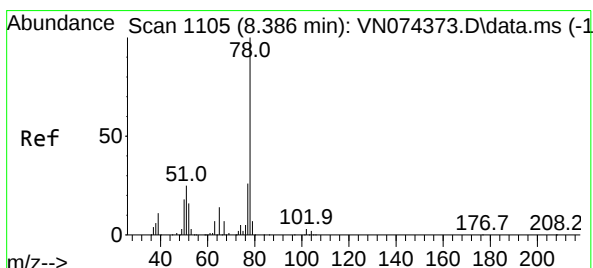
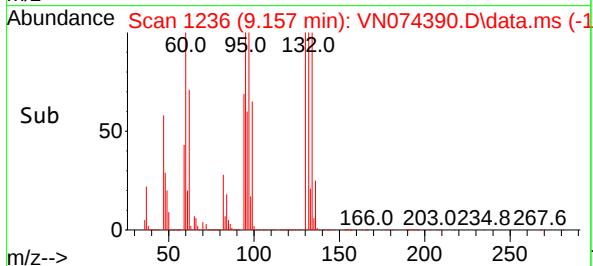
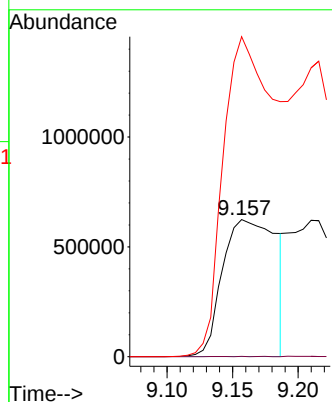
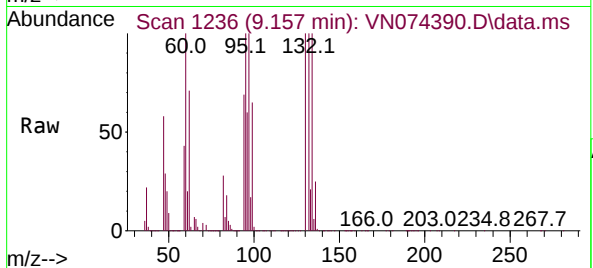
Tgt Ion: 83 Resp: 1780061

Ion Ratio Lower Upper

83 100

55 0.3 61.2 91.8#

98 233.4 38.5 57.7#



#40

Benzene

Concen: 6.906 ug/l

RT: 8.398 min Scan# 1107

Delta R.T. 0.012 min

Lab File: VN074390.D

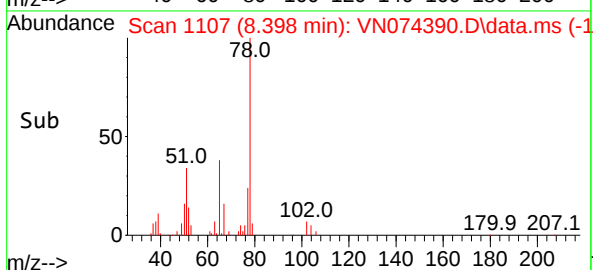
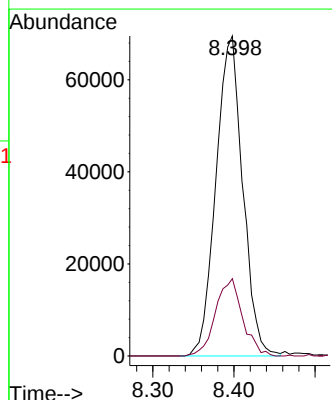
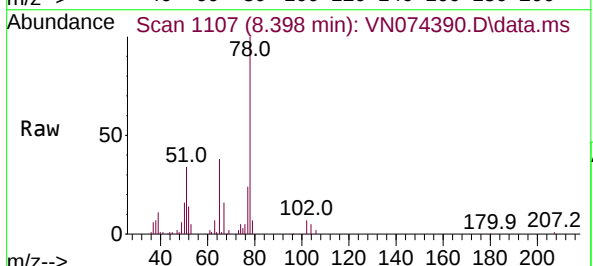
Acq: 09 Sep 2022 22:12

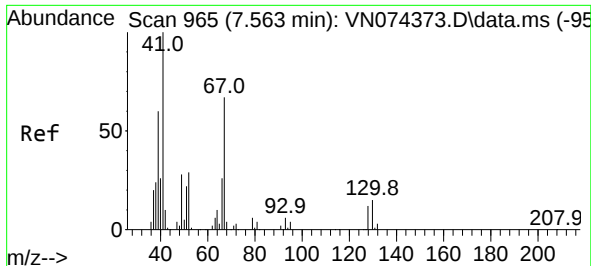
Tgt Ion: 78 Resp: 159387

Ion Ratio Lower Upper

78 100

77 24.2 20.6 31.0

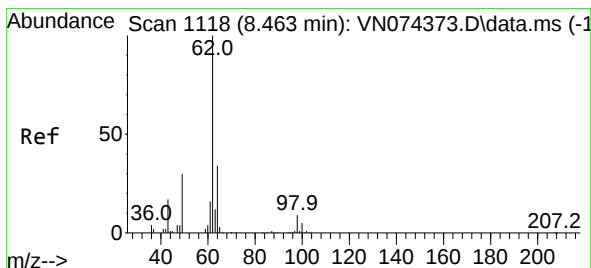
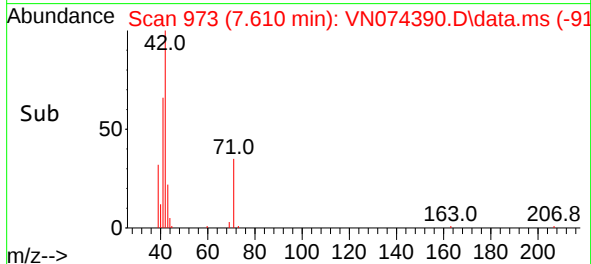
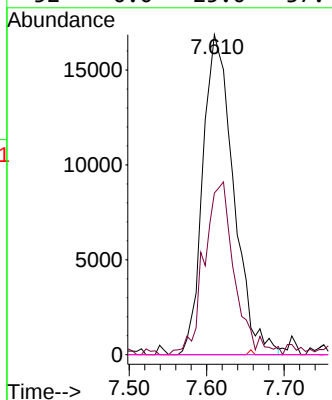
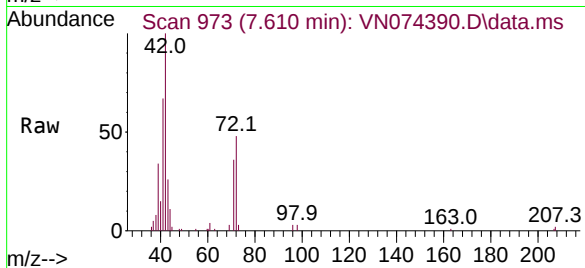




#41
Methacrylonitrile
Concen: 8.583 ug/l
RT: 7.610 min Scan# 91
Delta R.T. 0.047 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

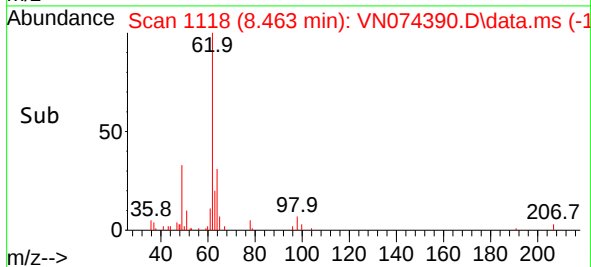
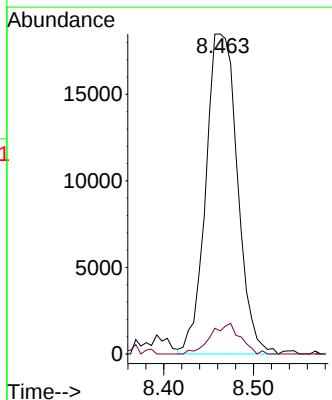
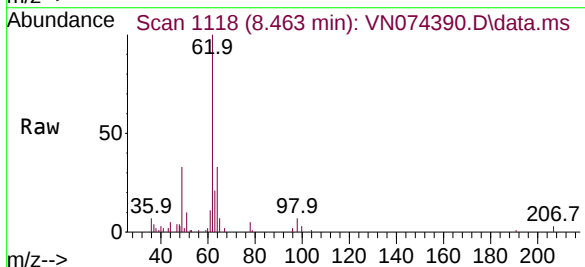
Instrument :
MSVOA_N
ClientSampleId :
MW-06-1.5-11.5-083122

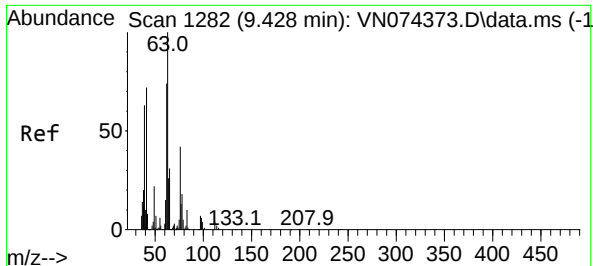
Tgt Ion:	41	Resp:	46568
Ion	Ratio	Lower	Upper
41	100		
39	53.1	39.2	58.8
67	0.0	53.6	80.4#
52	0.0	25.0	37.4#



#42
1,2-Dichloroethane
Concen: 5.130 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Tgt Ion:	62	Resp:	45267
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6





#45

1,2-Dichloropropane

Concen: 117.956 ug/l

RT: 9.186 min Scan# 1

Delta R.T. -0.241 min

Lab File: VN074390.D

Acq: 09 Sep 2022 22:12

Instrument :

MSVOA_N

ClientSampleId :

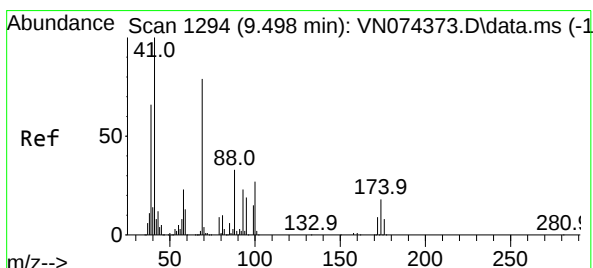
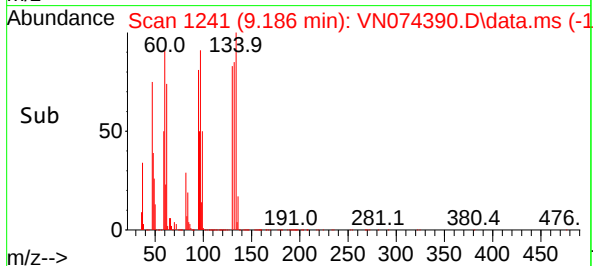
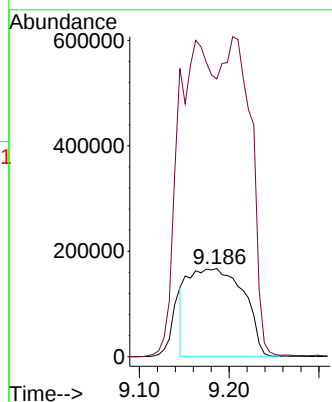
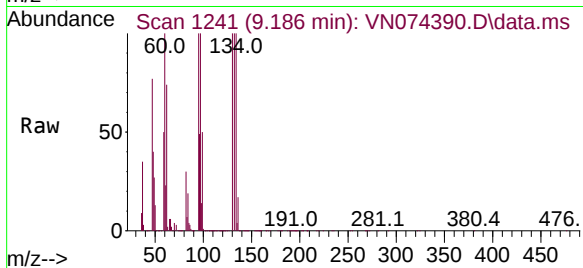
MW-06-1.5-11.5-083122

Tgt Ion: 63 Resp: 722687

Ion Ratio Lower Upper

63 100

65 315.2 24.6 36.8#



#48

Methyl methacrylate

Concen: 0.214 ug/l

RT: 9.439 min Scan# 1284

Delta R.T. -0.059 min

Lab File: VN074390.D

Acq: 09 Sep 2022 22:12

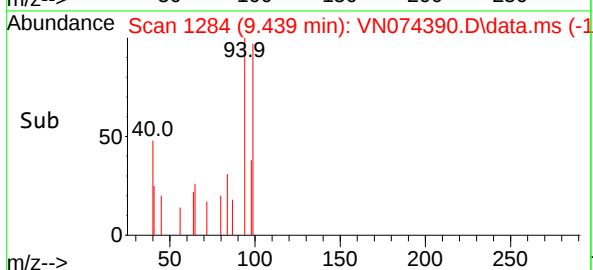
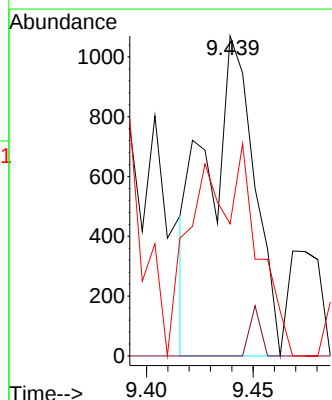
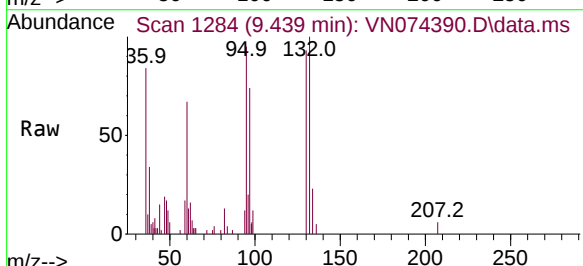
Tgt Ion: 41 Resp: 1689

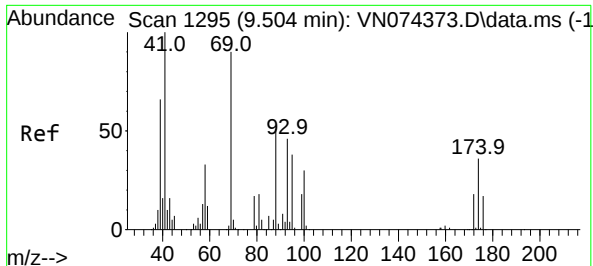
Ion Ratio Lower Upper

41 100

69 3.5 67.6 101.4#

39 82.2 58.2 87.4

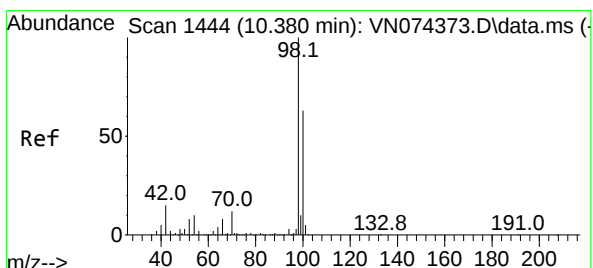
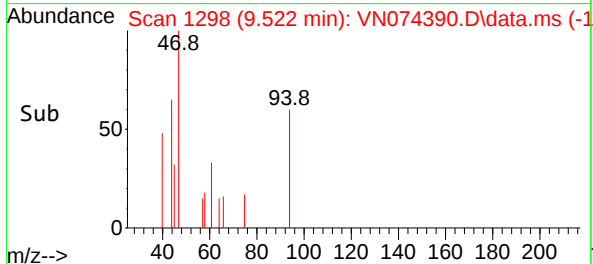
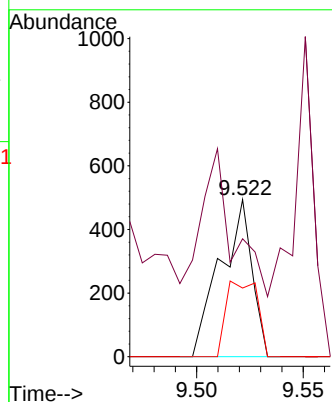
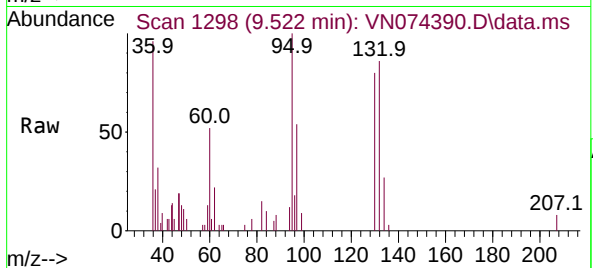




#49
1,4-Dioxane
Concen: 3.077 ug/l
RT: 9.522 min Scan# 1295
Delta R.T. 0.018 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

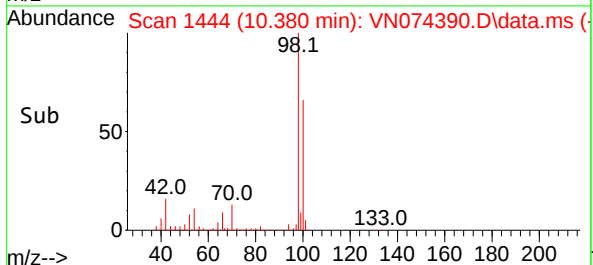
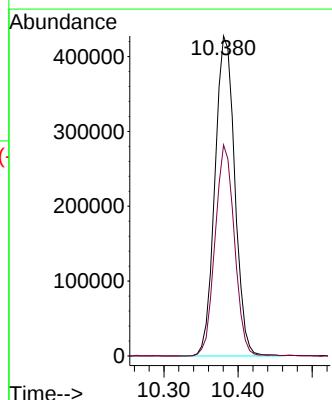
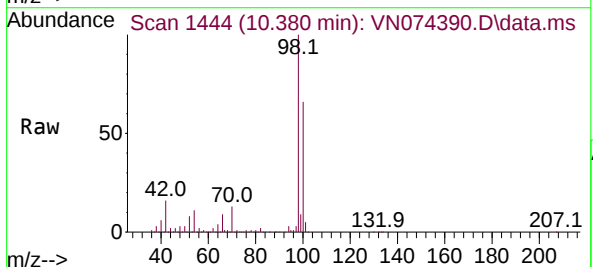
Instrument :
MSVOA_N
ClientSampleId :
MW-06-1.5-11.5-083122

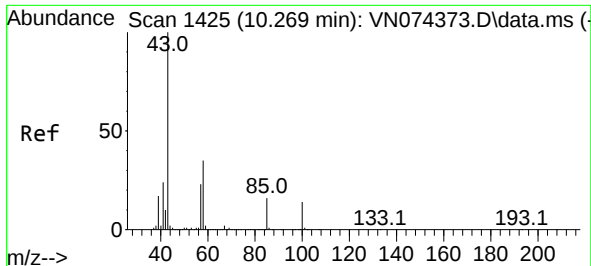
Tgt Ion: 88 Resp: 511
Ion Ratio Lower Upper
88 100
43 93.2 26.9 40.3#
58 0.0 52.7 79.1#



#50
Toluene-d8
Concen: 44.560 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Tgt Ion: 98 Resp: 794445
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0

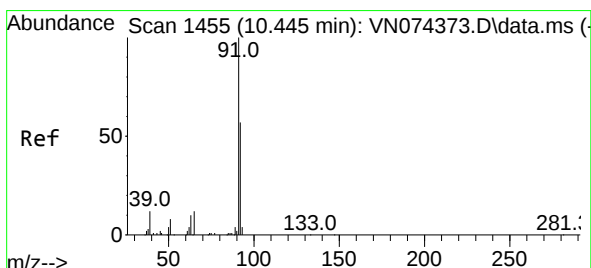
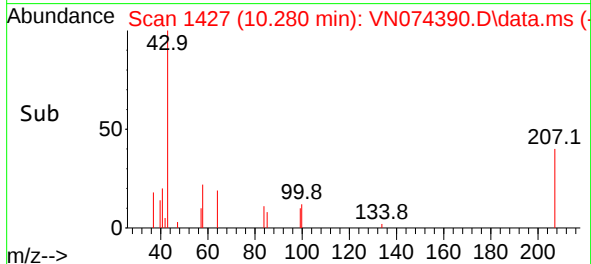
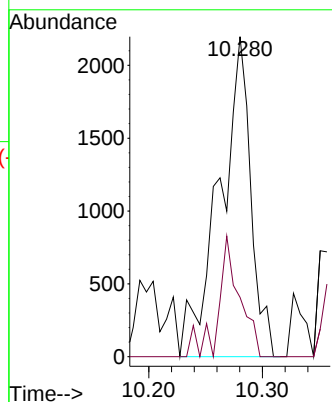
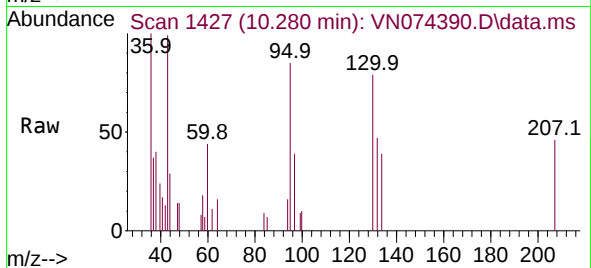




#51
4-Methyl-2-Pentanone
Concen: 0.358 ug/l
RT: 10.280 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

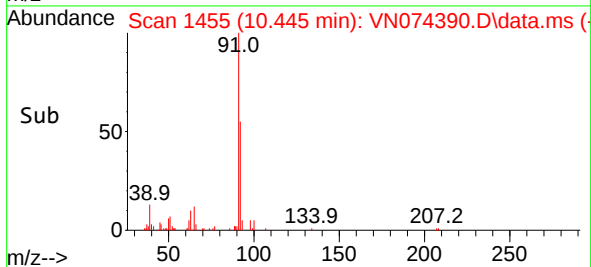
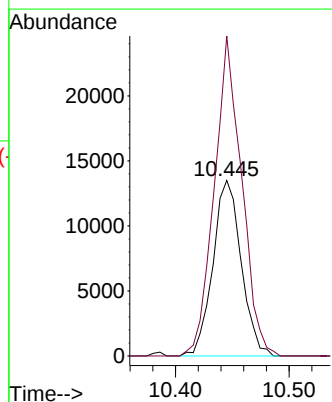
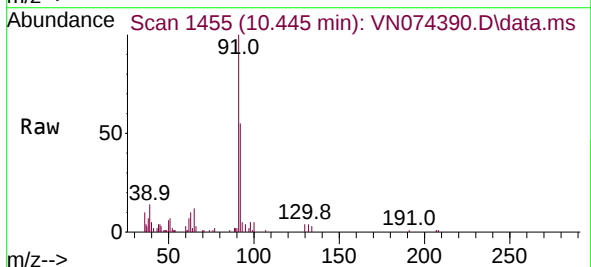
Instrument :
MSVOA_N
ClientSampleId :
MW-06-1.5-11.5-083122

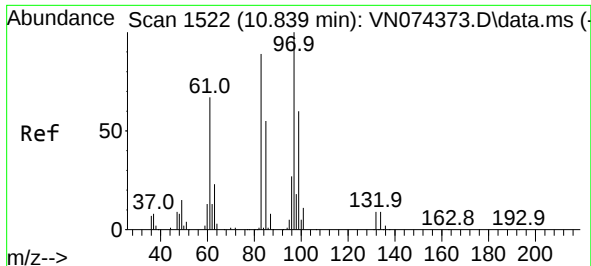
Tgt Ion: 43 Resp: 4190
Ion Ratio Lower Upper
43 100
58 24.1 29.0 43.6#



#52
Toluene
Concen: 1.639 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Tgt Ion: 92 Resp: 23394
Ion Ratio Lower Upper
92 100
91 176.4 139.8 209.6

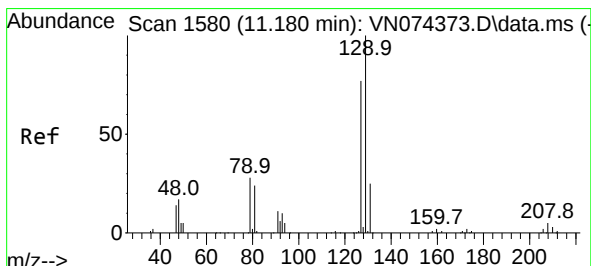
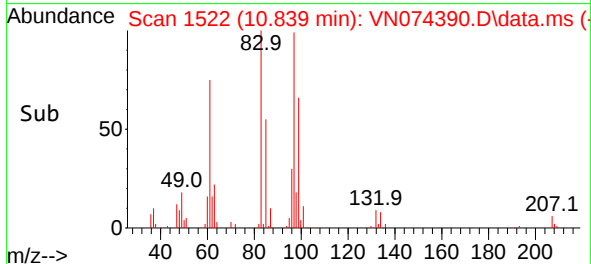
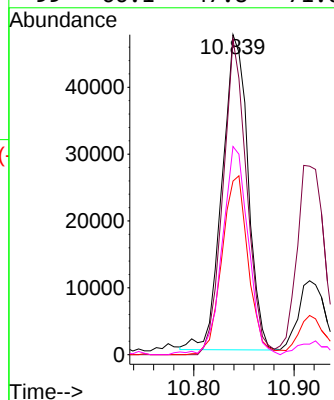
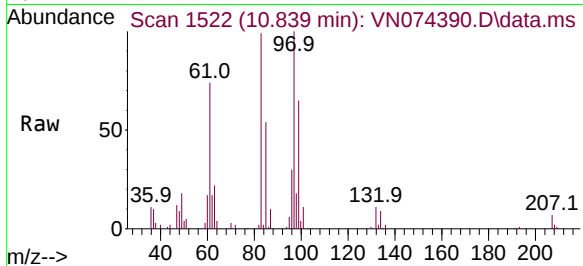




#55
1,1,2-Trichloroethane
Concen: 14.338 ug/l
RT: 10.839 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

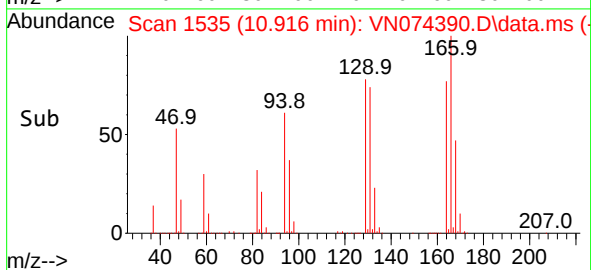
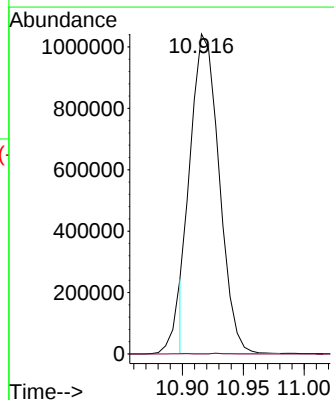
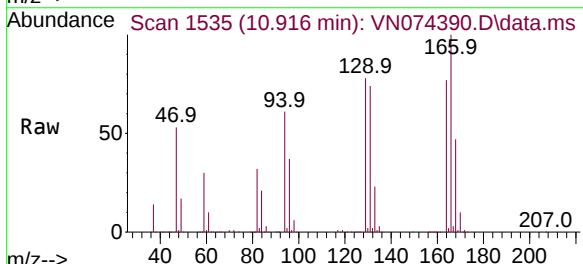
Instrument :
MSVOA_N
ClientSampleId :
MW-06-1.5-11.5-083122

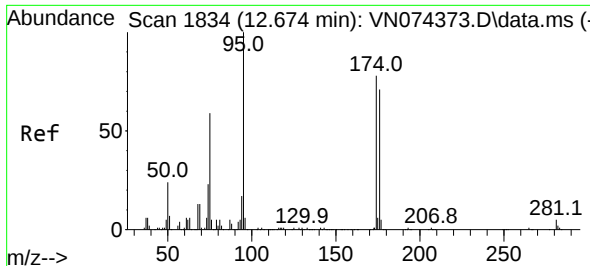
Tgt Ion: 97	Resp: 84356
Ion Ratio	Lower Upper
97 100	
83 100.2	70.8 106.2
85 55.1	44.1 66.1
99 66.1	47.8 71.6



#60
Dibromochloromethane
Concen: 284.567 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.265 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Tgt Ion:129	Resp: 1695097		
Ion	Ratio	Lower	Upper
129	100		
127	0.1	38.8	116.3#

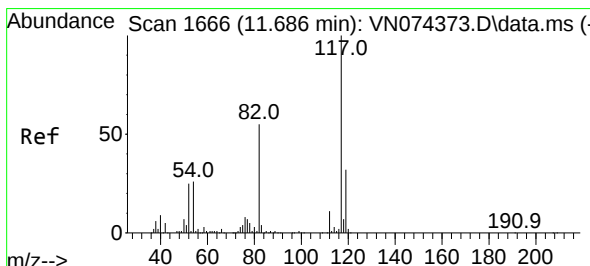
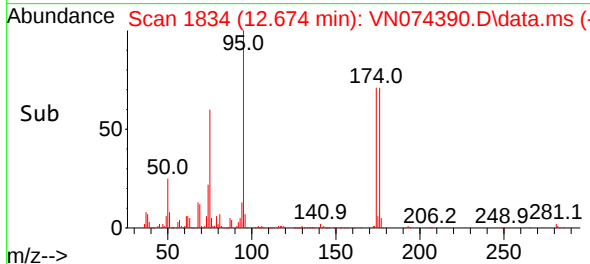
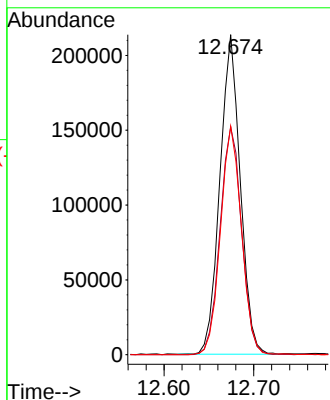
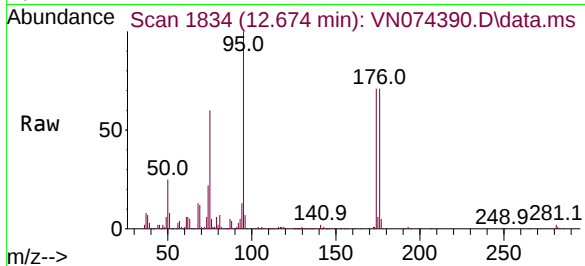




#62
4-Bromofluorobenzene
Concen: 52.036 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

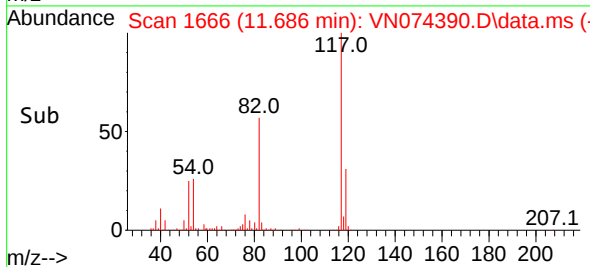
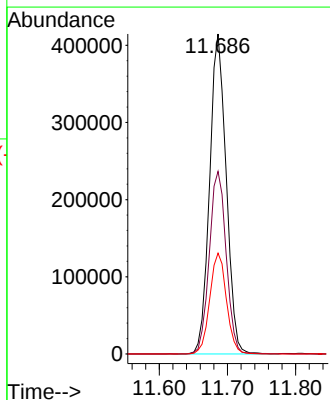
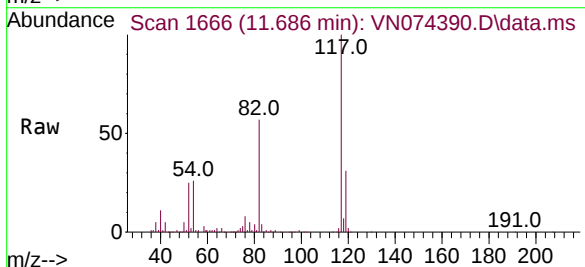
Instrument :
MSVOA_N
ClientSampleId :
MW-06-1.5-11.5-083122

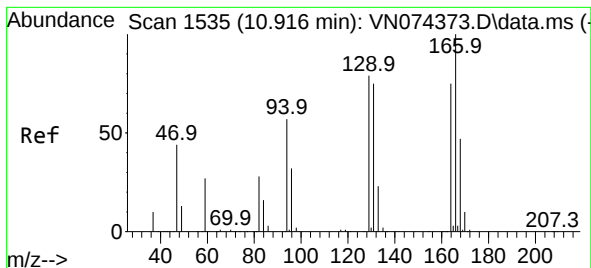
Tgt Ion: 95 Resp: 336831
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.6
176 73.6 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Tgt Ion: 117 Resp: 702625
Ion Ratio Lower Upper
117 100
82 57.1 44.3 66.5
119 31.5 25.5 38.3





#64

Tetrachloroethene

Concen: 384.342 ug/l

RT: 10.916 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074390.D

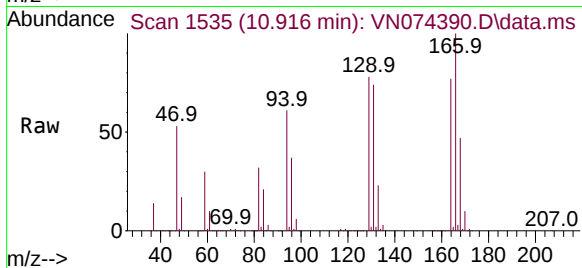
Acq: 09 Sep 2022 22:12

Instrument :

MSVOA_N

ClientSampleId :

MW-06-1.5-11.5-083122



Tgt Ion:164 Resp: 1830679

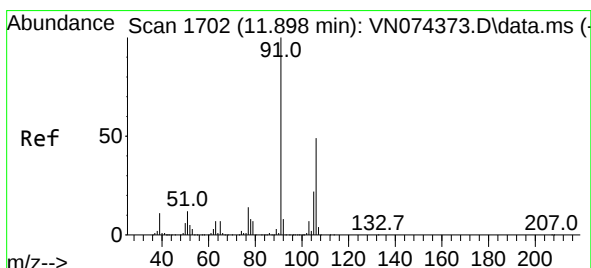
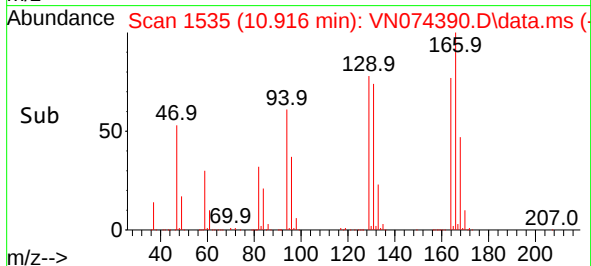
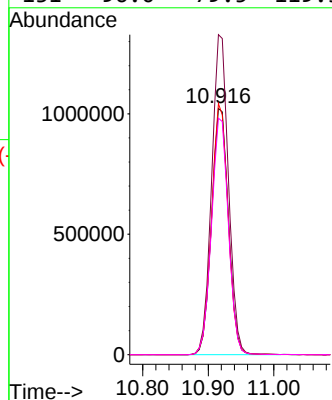
Ion Ratio Lower Upper

164 100

166 129.9 106.6 160.0

129 101.9 84.0 126.0

131 96.0 79.5 119.3



#68

m/p-Xylenes

Concen: 0.217 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN074390.D

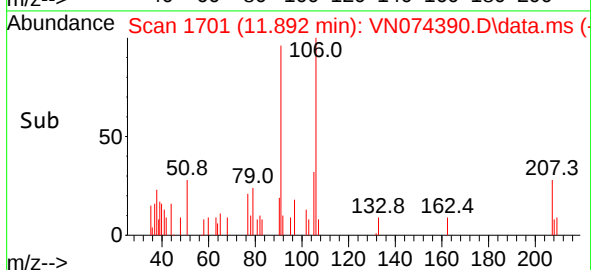
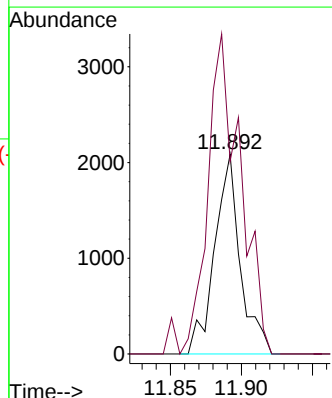
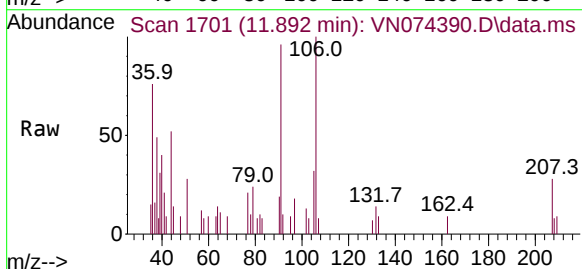
Acq: 09 Sep 2022 22:12

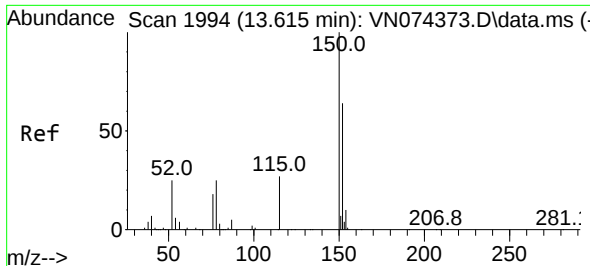
Tgt Ion:106 Resp: 2607

Ion Ratio Lower Upper

106 100

91 203.8 167.7 251.5

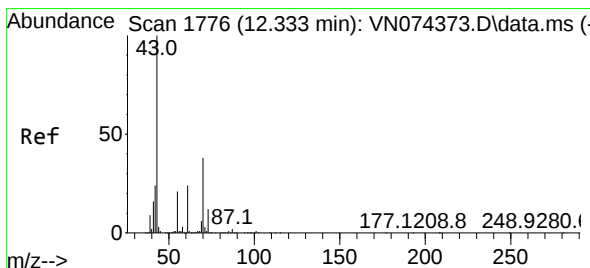
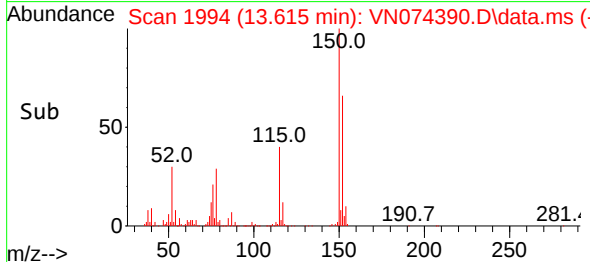
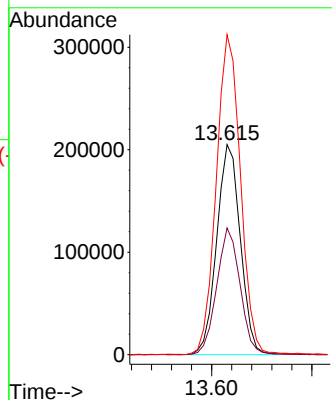
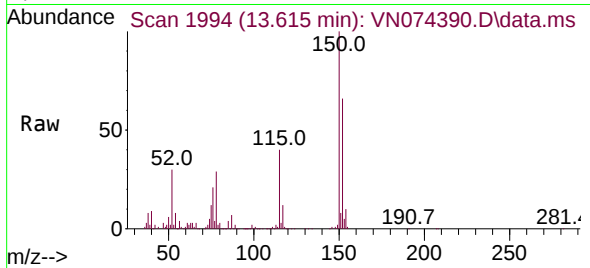




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074390.D
 Acq: 09 Sep 2022 22:12

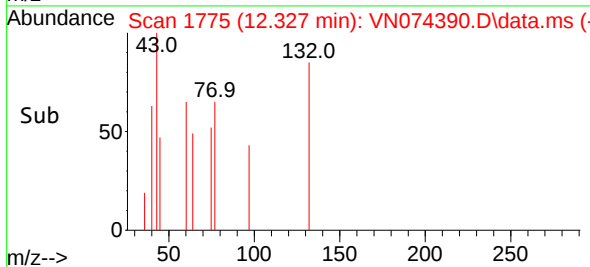
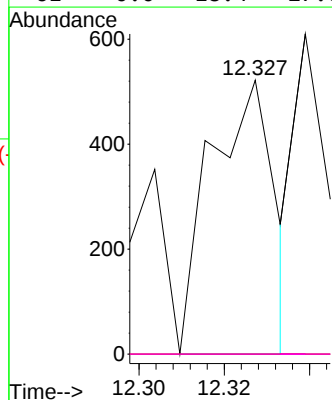
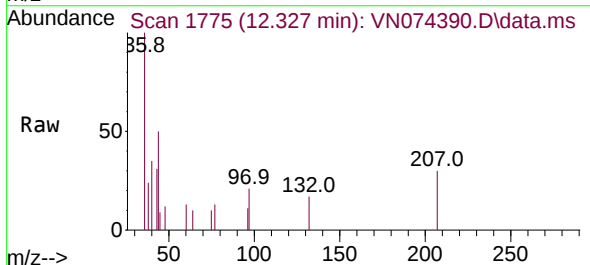
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06-1.5-11.5-083122

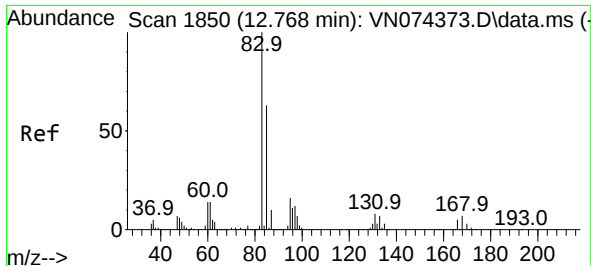
Tgt Ion:152 Resp: 335141
 Ion Ratio Lower Upper
 152 100
 115 59.6 32.0 96.0
 150 156.6 0.0 359.6



#74
 N-ethyl acetate
 Concen: Below Cal
 RT: 12.327 min Scan# 1775
 Delta R.T. -0.006 min
 Lab File: VN074390.D
 Acq: 09 Sep 2022 22:12

Tgt Ion: 43 Resp: 547
 Ion Ratio Lower Upper
 43 100
 70 0.0 31.4 47.0#
 55 0.0 17.0 25.6#
 61 0.0 18.4 27.6#

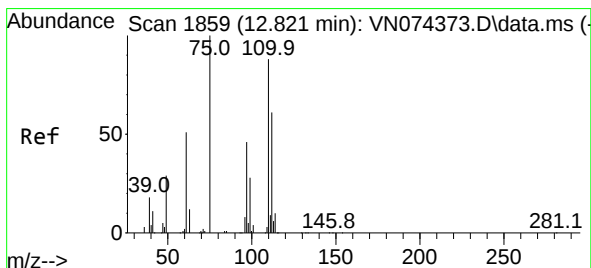
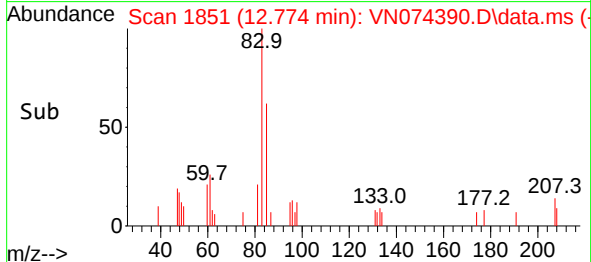
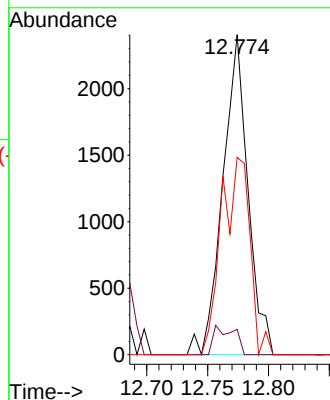
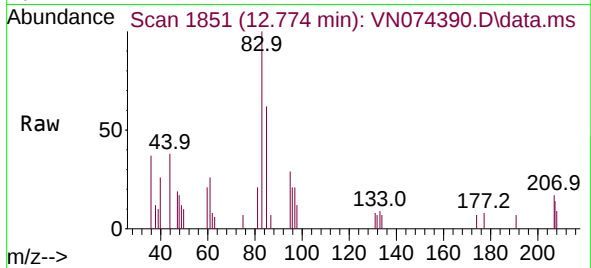




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.286 ug/l
 RT: 12.774 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: VN074390.D
 Acq: 09 Sep 2022 22:12

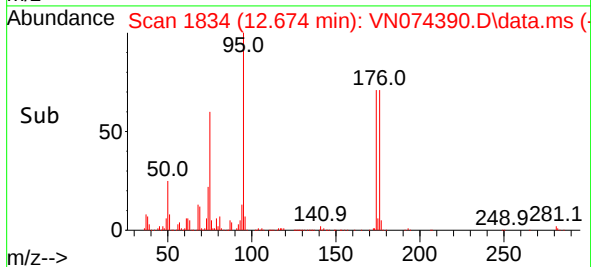
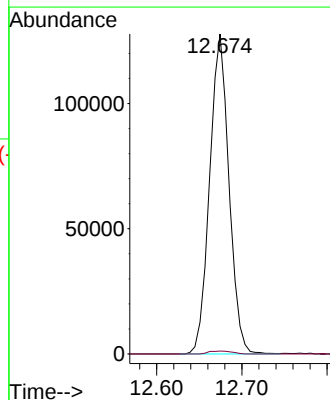
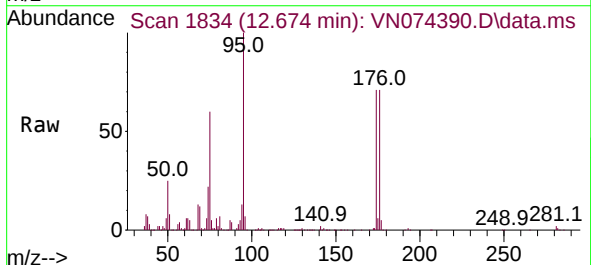
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06-1.5-11.5-083122

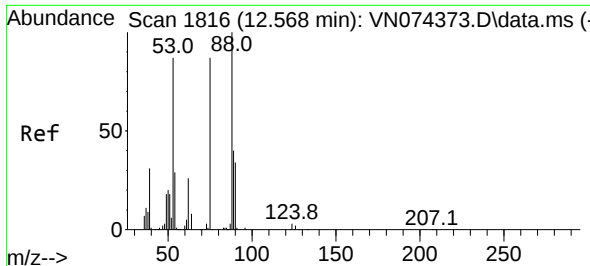
Tgt Ion: 83 Resp: 3461
 Ion Ratio Lower Upper
 83 100
 131 7.4 4.5 13.7
 85 69.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 22.989 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN074390.D
 Acq: 09 Sep 2022 22:12

Tgt Ion: 75 Resp: 201409
 Ion Ratio Lower Upper
 75 100
 77 1.1 78.9 236.7#

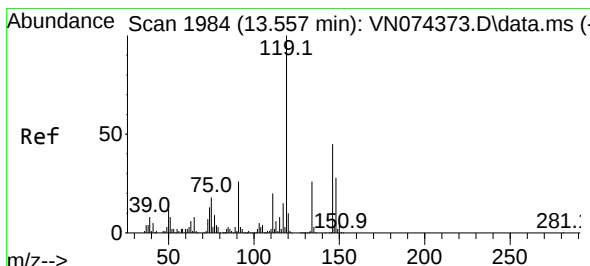
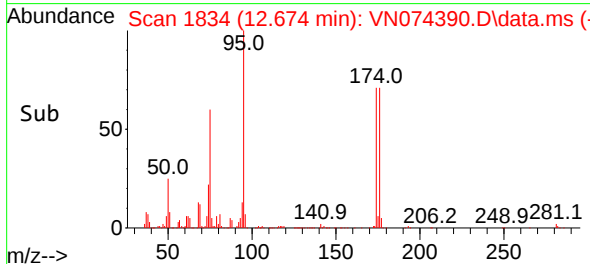
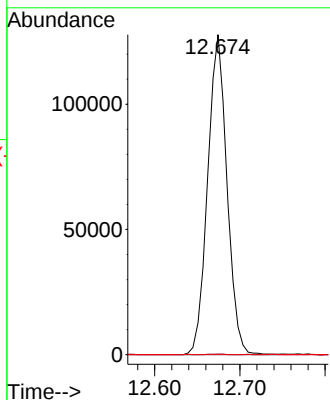
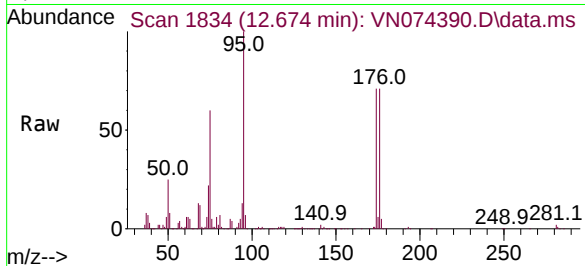




#81
trans-1,4-Dichloro-2-butene
Concen: 51.242 ug/l
RT: 12.674 min Scan# 1816
Delta R.T. 0.106 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

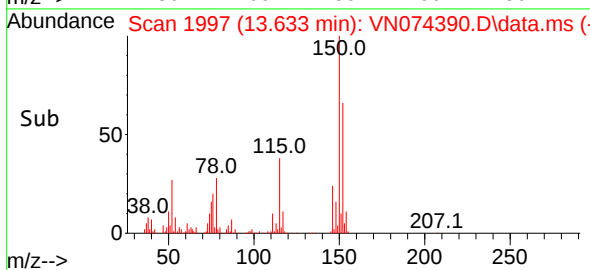
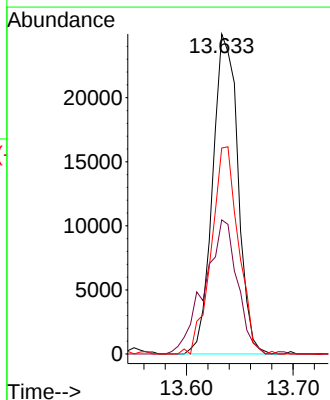
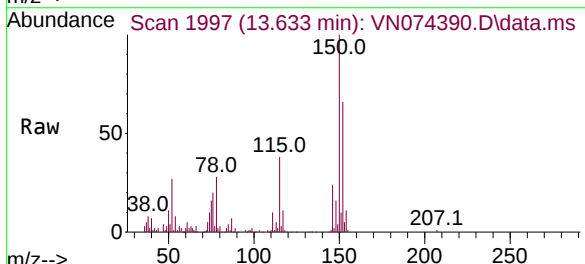
Instrument :
MSVOA_N
ClientSampleId :
MW-06-1.5-11.5-083122

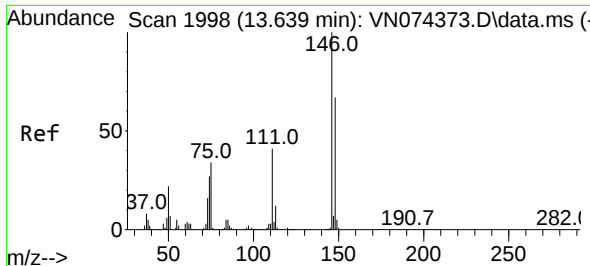
Tgt Ion: 75 Resp: 201409
Ion Ratio Lower Upper
75 100
53 0.2 82.2 123.2#
89 0.0 37.7 56.5#



#87
1,3-Dichlorobenzene
Concen: 3.216 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.076 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Tgt Ion:146 Resp: 41096
Ion Ratio Lower Upper
146 100
111 54.2 21.5 64.5
148 69.6 32.0 96.0

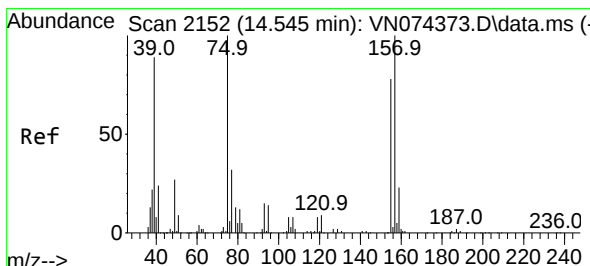
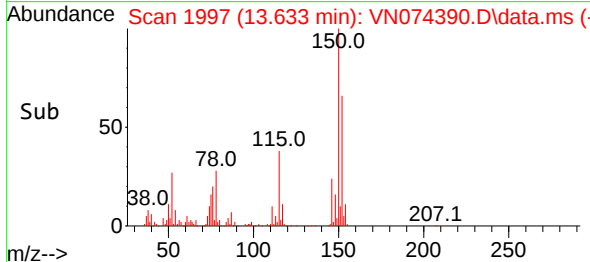
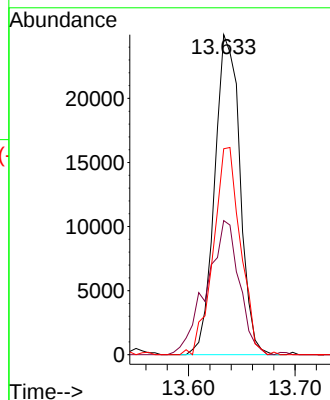
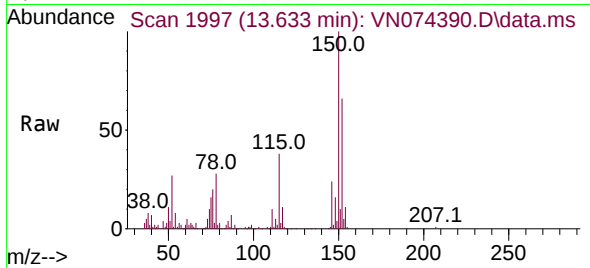




#88
1,4-Dichlorobenzene
Concen: 3.183 ug/l
RT: 13.633 min Scan# 1998
Delta R.T. -0.006 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Instrument :
MSVOA_N
ClientSampleId :
MW-06-1.5-11.5-083122

Tgt Ion:146 Resp: 41096
Ion Ratio Lower Upper
146 100
111 54.2 20.8 62.2
148 69.6 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.580 min Scan# 2158
Delta R.T. 0.035 min
Lab File: VN074390.D
Acq: 09 Sep 2022 22:12

Tgt Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
155 0.0 36.6 109.9#
157 0.0 46.2 138.5#

