

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075798.D
 Acq On : 15 Dec 2022 04:27
 Operator : JC\MD
 Sample : N5990-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-40D

Quant Time: Dec 15 07:44:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

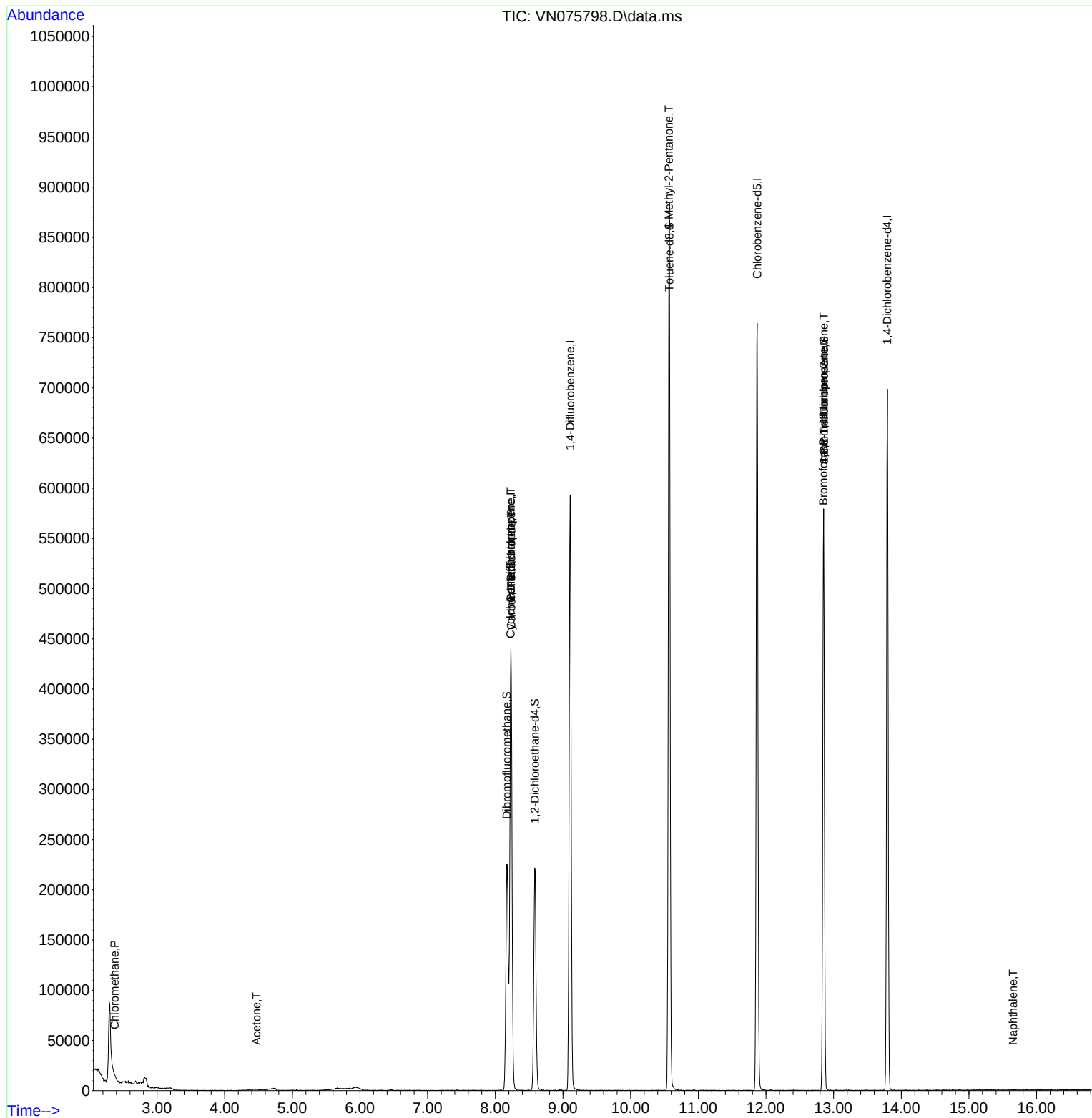
Internal Standards						
1) Pentafluorobenzene	8.230	168	348144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	541860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	471702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	178429	47.110	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.220%
35) Dibromofluoromethane	8.171	113	163093	48.602	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.200%
50) Toluene-d8	10.571	98	626748	49.954	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.853	95	197927	47.630	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.260%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	780	0.254	ug/l	95
16) Acetone	4.471	43	1054	0.807	ug/l #	39
20) Methylene Chloride	5.295	84	69	Below Cal	#	54
31) Cyclohexane	8.224	56	6438	1.187	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	23802	5.340	ug/l #	48
38) Carbon Tetrachloride	8.236	117	33366	6.688	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	2015	0.564	ug/l #	1
71) Bromoform	12.847	173	828	0.317	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	98750	25.010	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	98750	90.025	ug/l #	12
95) Naphthalene	15.653	128	448	2.218	ug/l #	69

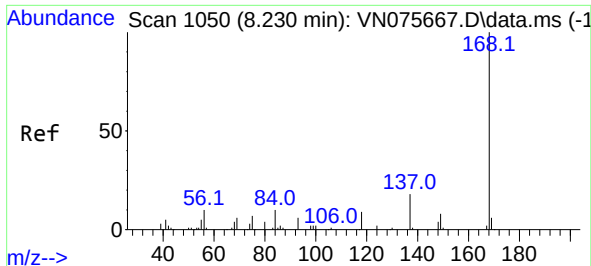
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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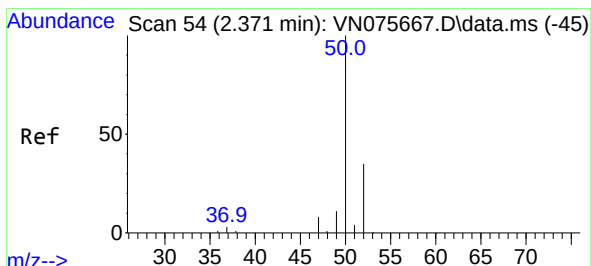
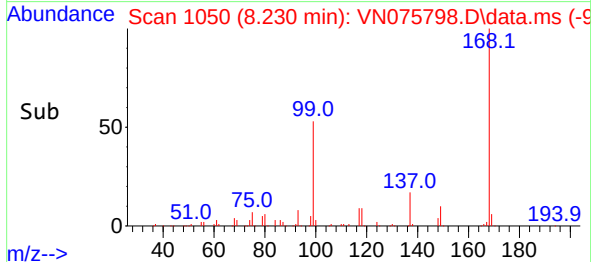
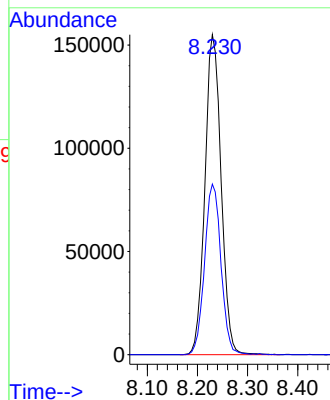
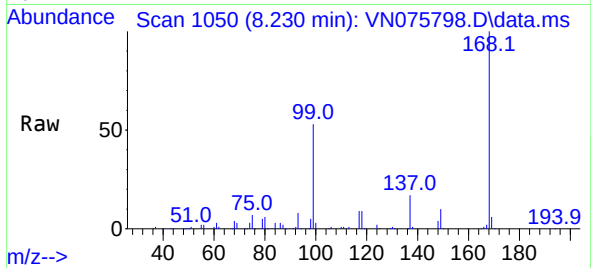




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

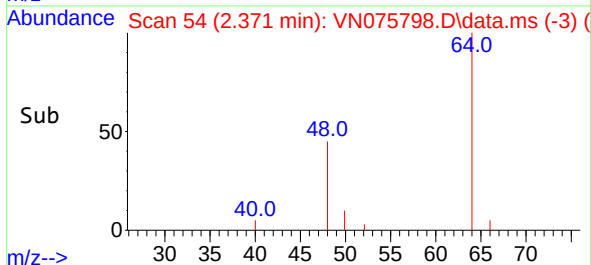
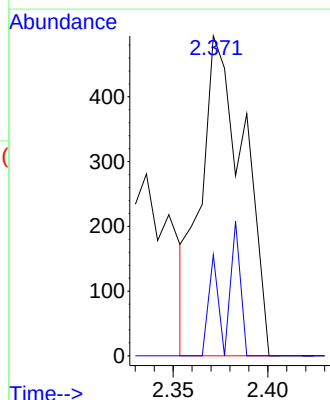
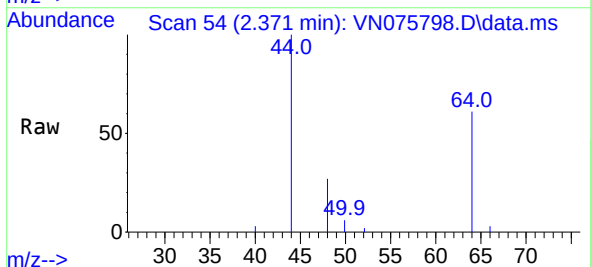
Instrument :
MSVOA_N
ClientSampleId :
MW-40D

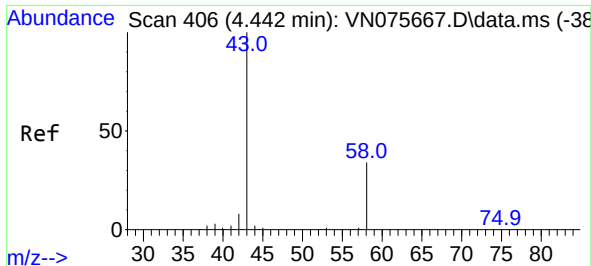
Tgt Ion:168 Resp: 348144
Ion Ratio Lower Upper
168 100
99 53.3 44.2 66.4



#3
Chloromethane
Concen: 0.254 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

Tgt Ion: 50 Resp: 780
Ion Ratio Lower Upper
50 100
52 31.6 27.7 41.5





#16

Acetone

Concen: 0.807 ug/l

RT: 4.471 min Scan# 411

Delta R.T. 0.029 min

Lab File: VN075798.D

Acq: 15 Dec 2022 04:27

Instrument :

MSVOA_N

ClientSampleId :

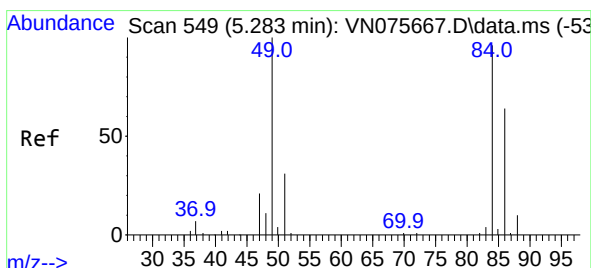
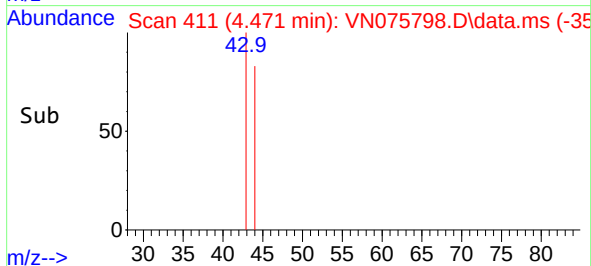
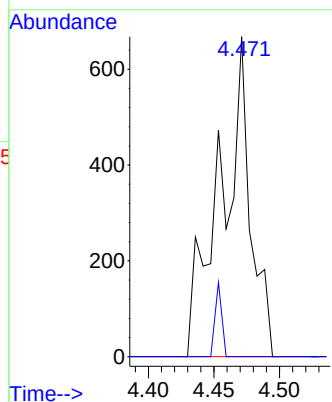
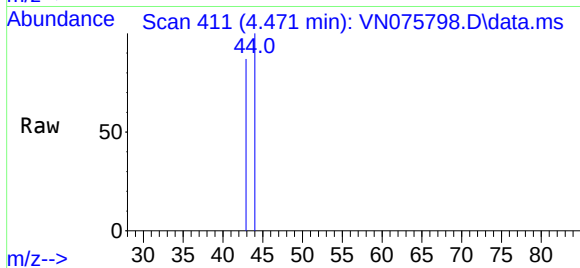
MW-40D

Tgt Ion: 43 Resp: 1054

Ion Ratio Lower Upper

43 100

58 0.0 28.6 43.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.295 min Scan# 551

Delta R.T. 0.006 min

Lab File: VN075798.D

Acq: 15 Dec 2022 04:27

Tgt Ion: 84 Resp: 69

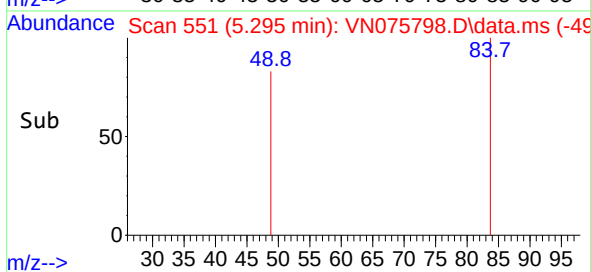
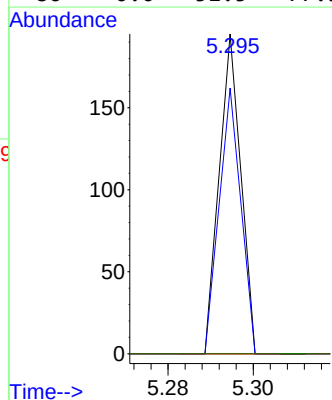
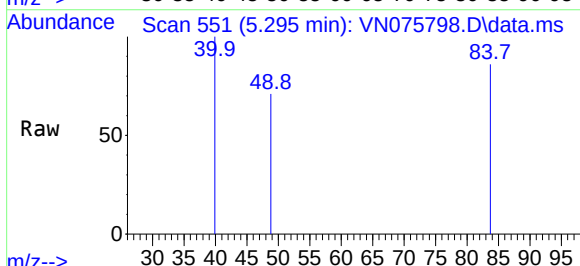
Ion Ratio Lower Upper

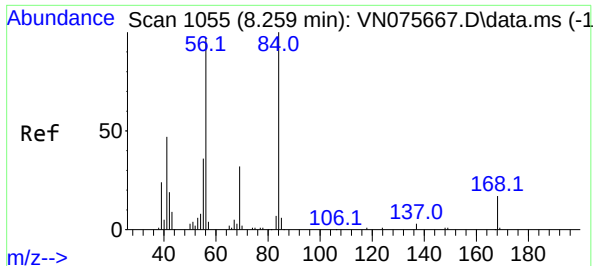
84 100

49 83.1 81.8 122.6

51 0.0 26.7 40.1#

86 0.0 51.5 77.3#





#31

Cyclohexane

Concen: 1.187 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.041 min

Lab File: VN075798.D

Acq: 15 Dec 2022 04:27

Instrument :

MSVOA_N

ClientSampleId :

MW-40D

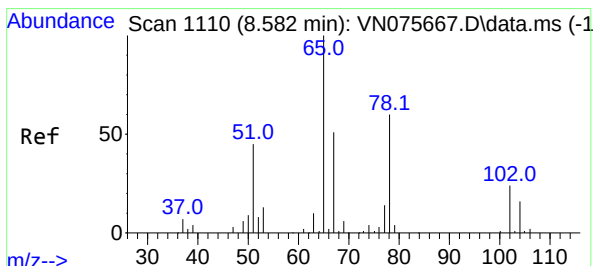
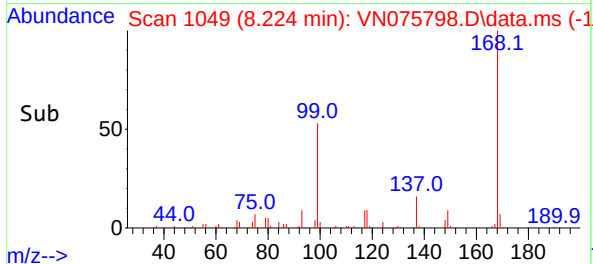
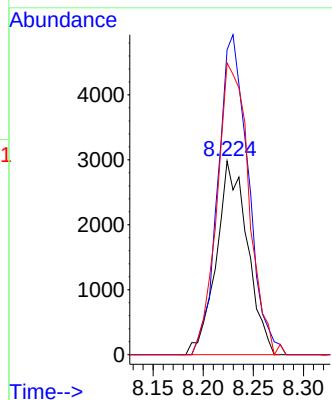
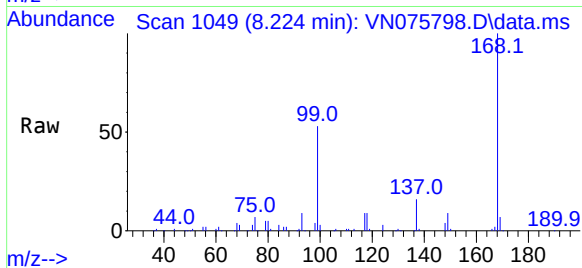
Tgt Ion: 56 Resp: 6438

Ion Ratio Lower Upper

56 100

69 157.5 24.7 37.1#

84 150.6 76.5 114.7#



#33

1,2-Dichloroethane-d4

Concen: 47.110 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075798.D

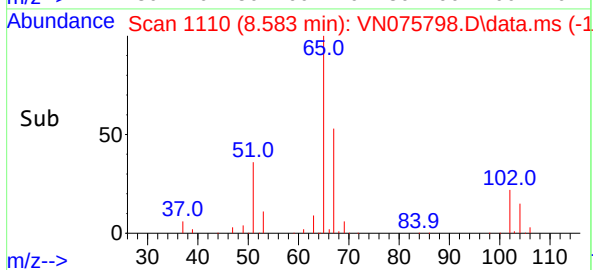
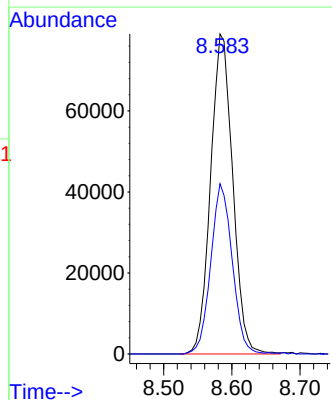
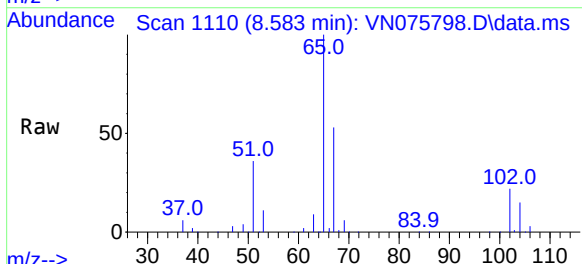
Acq: 15 Dec 2022 04:27

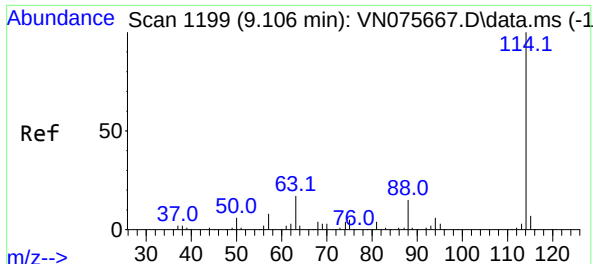
Tgt Ion: 65 Resp: 178429

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4

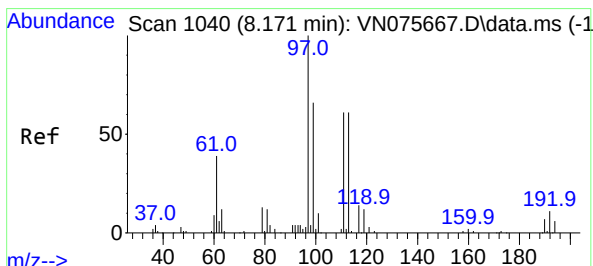
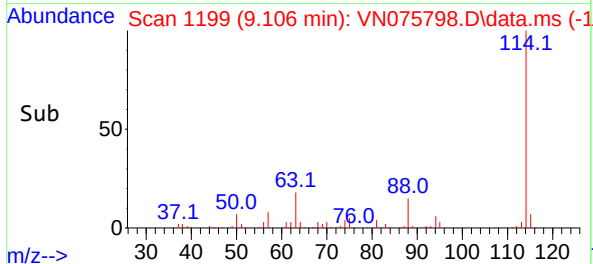
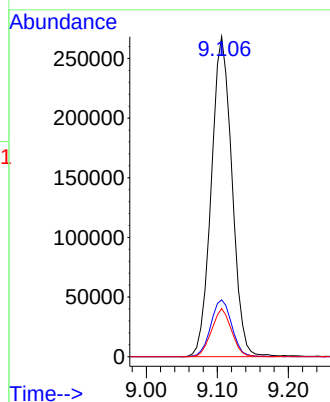
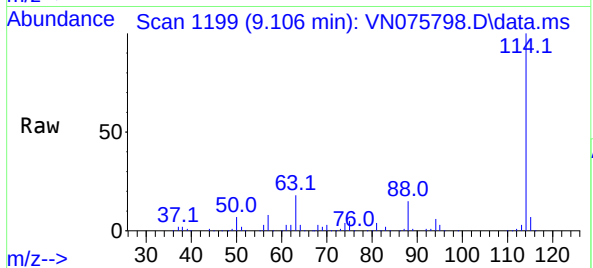




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

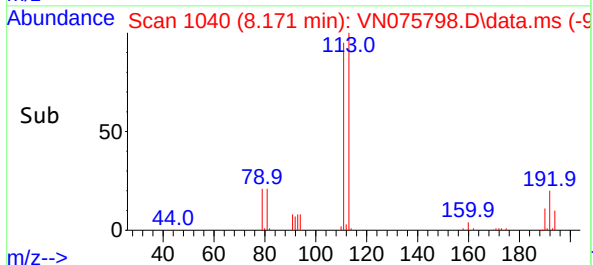
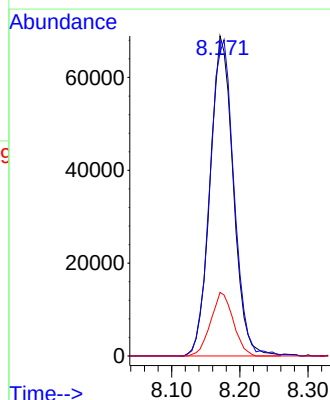
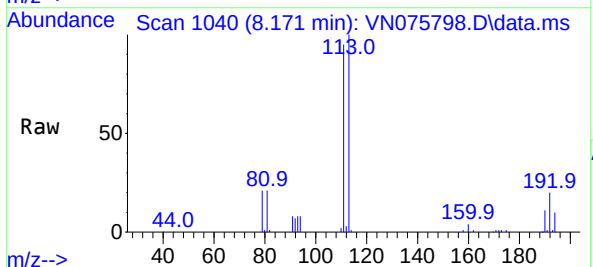
Instrument :
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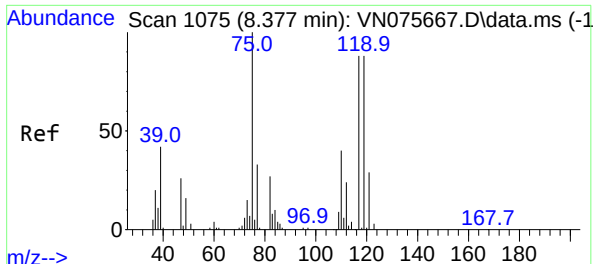
Tgt Ion:114 Resp: 541860
Ion Ratio Lower Upper
114 100
63 17.8 0.0 34.4
88 15.1 0.0 28.8



#35
Dibromofluoromethane
Concen: 48.602 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

Tgt Ion:113 Resp: 163093
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.2
192 19.3 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.340 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.147 min

Lab File: VN075798.D

Acq: 15 Dec 2022 04:27

Instrument :

MSVOA_N

ClientSampleId :

MW-40D

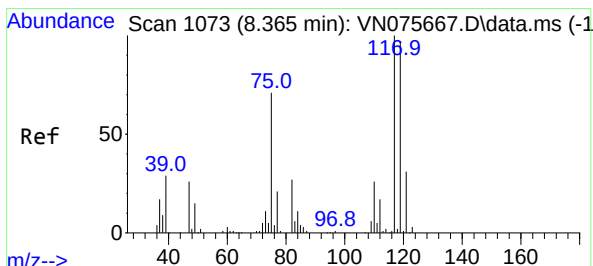
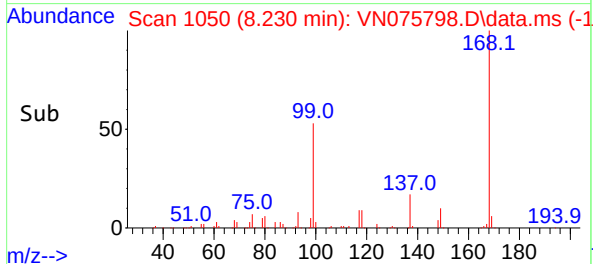
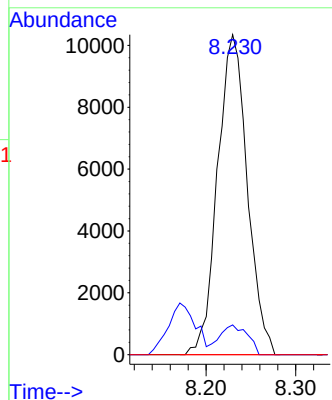
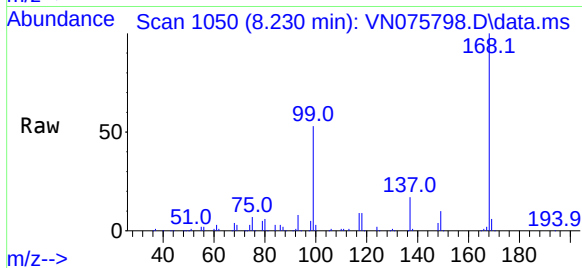
Tgt Ion: 75 Resp: 23802

Ion Ratio Lower Upper

75 100

110 8.4 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.688 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.129 min

Lab File: VN075798.D

Acq: 15 Dec 2022 04:27

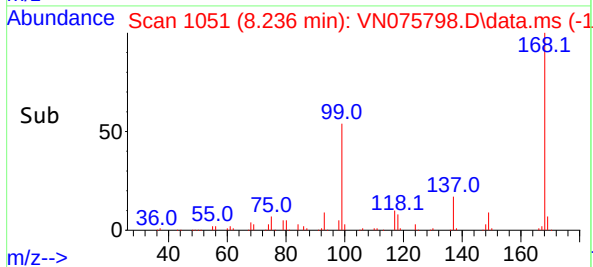
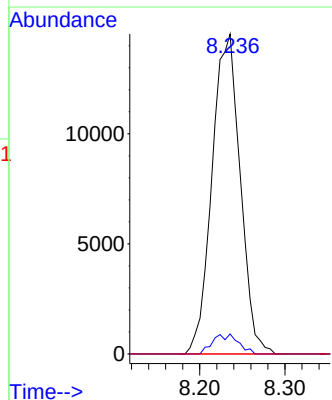
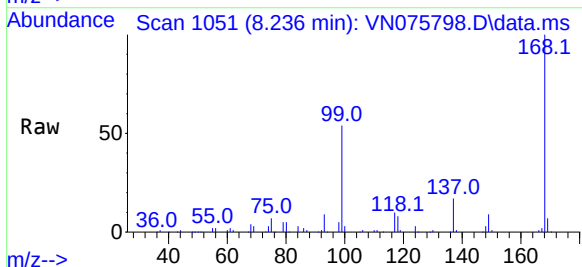
Tgt Ion: 117 Resp: 33366

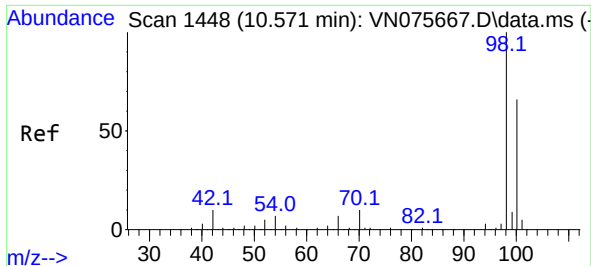
Ion Ratio Lower Upper

117 100

119 6.2 76.1 114.1#

121 0.0 24.5 36.7#

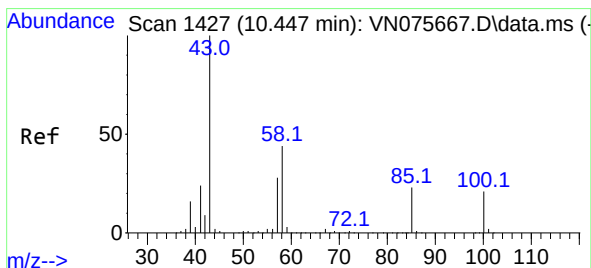
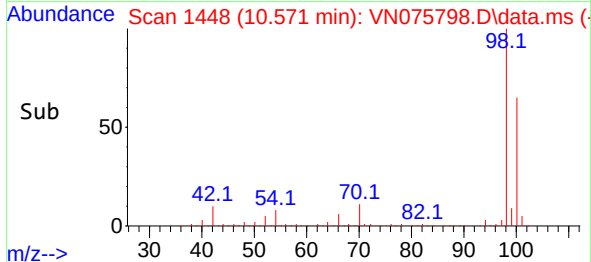
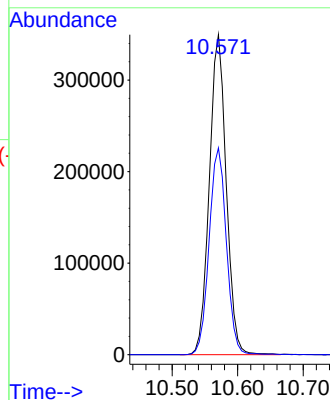
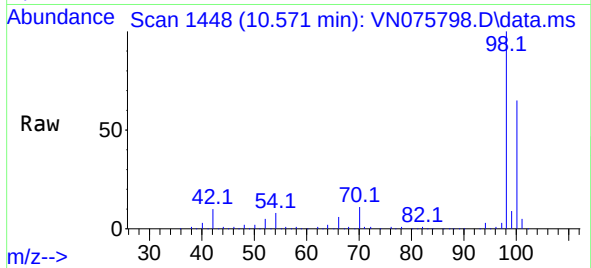




#50
Toluene-d8
Concen: 49.954 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

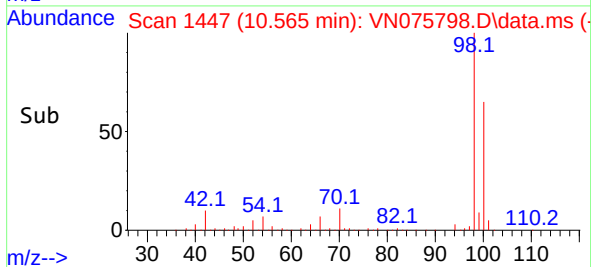
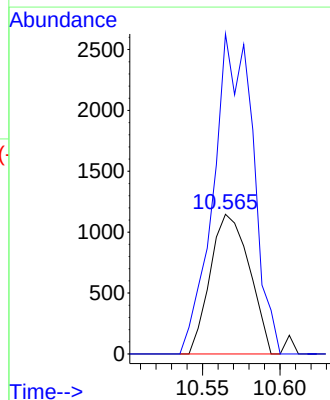
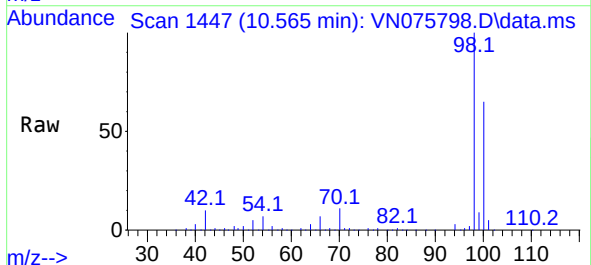
Instrument :
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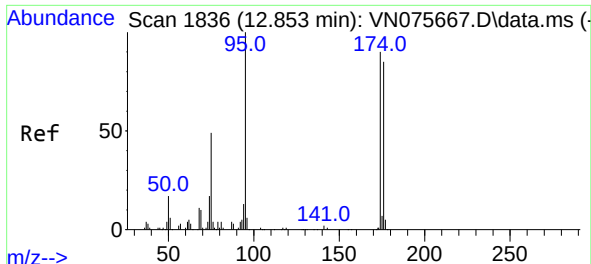
Tgt Ion: 98 Resp: 626748
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.564 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. 0.118 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

Tgt Ion: 43 Resp: 2015
Ion Ratio Lower Upper
43 100
58 232.1 35.5 53.3#

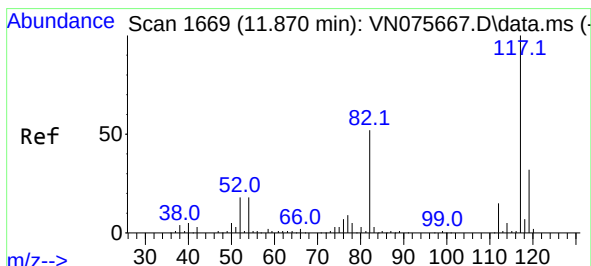
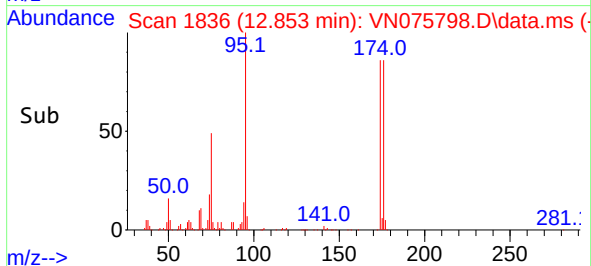
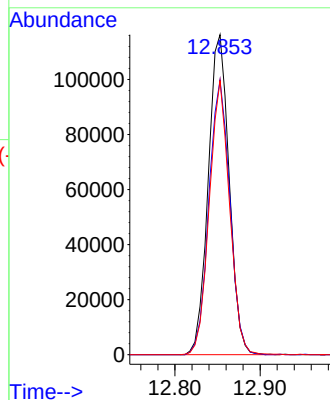
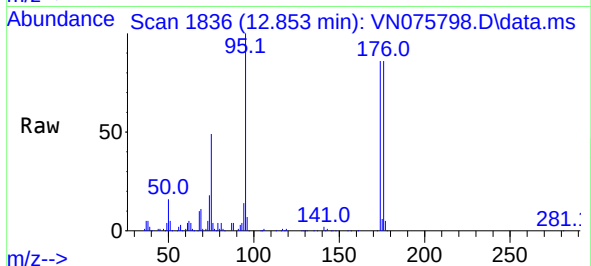




#62
4-Bromofluorobenzene
Concen: 47.630 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

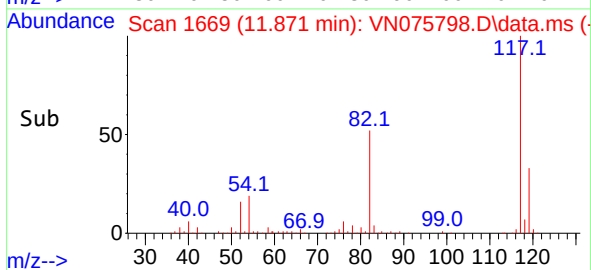
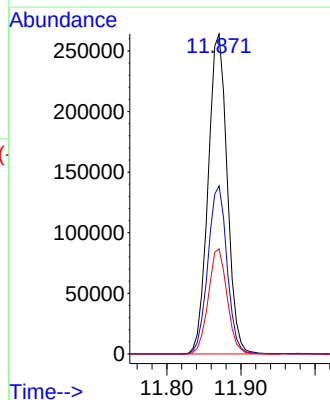
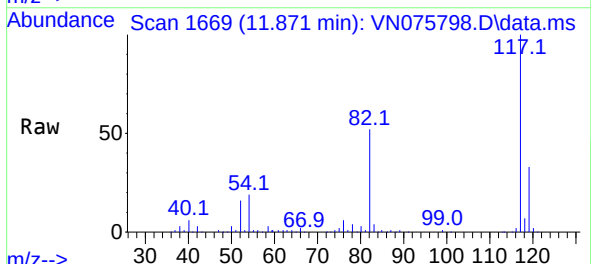
Instrument :
MSVOA_N
ClientSampleId :
MW-40D

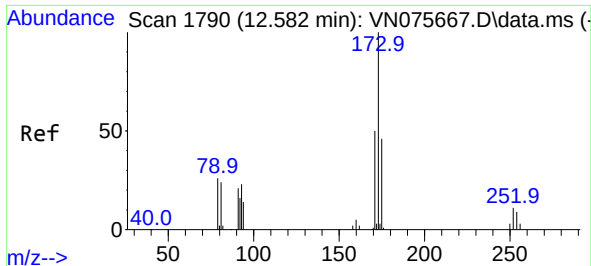
Tgt Ion: 95 Resp: 197927
Ion Ratio Lower Upper
95 100
174 86.0 0.0 171.6
176 83.1 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

Tgt Ion: 117 Resp: 471702
Ion Ratio Lower Upper
117 100
82 52.5 41.3 61.9
119 32.9 24.6 37.0

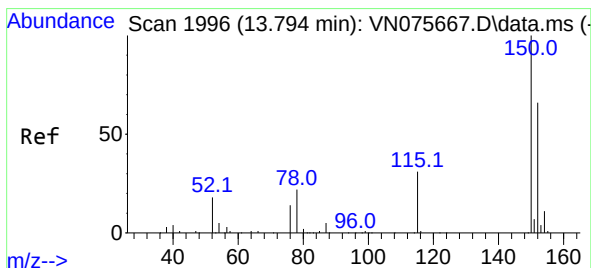
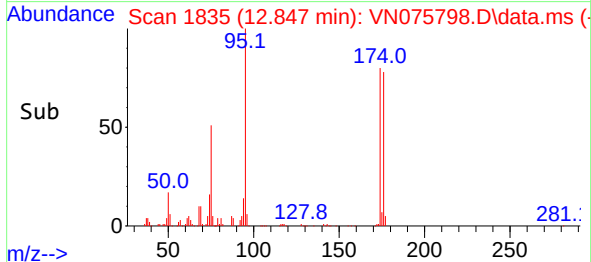
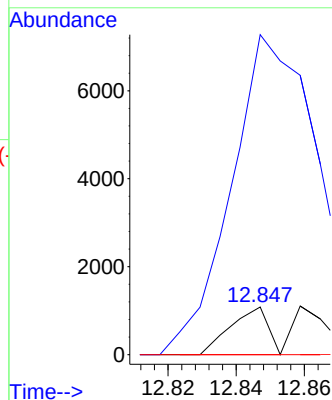
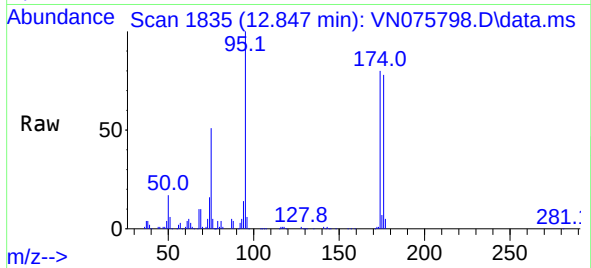




#71
Bromoform
Concen: 0.317 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

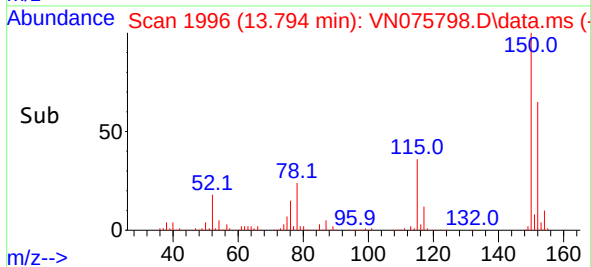
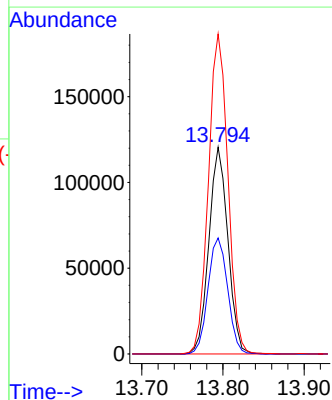
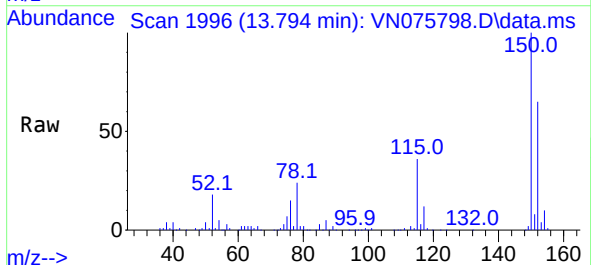
Instrument :
MSVOA_N
ClientSampleId :
MW-40D

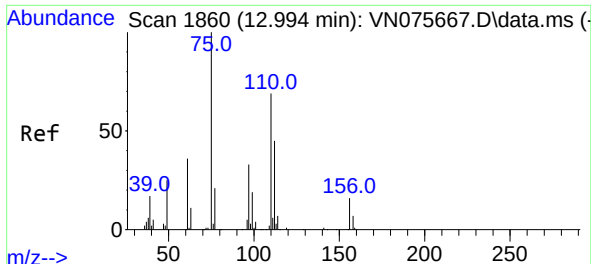
Tgt Ion:173 Resp: 828
Ion Ratio Lower Upper
173 100
175 1248.9 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

Tgt Ion:152 Resp: 195874
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.4
150 158.4 0.0 347.0

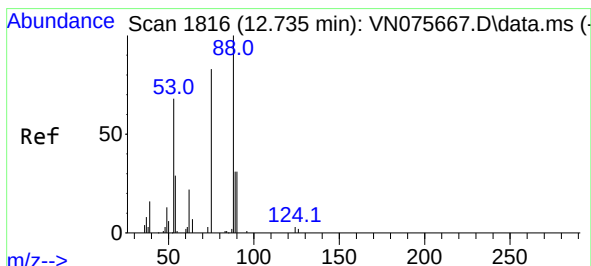
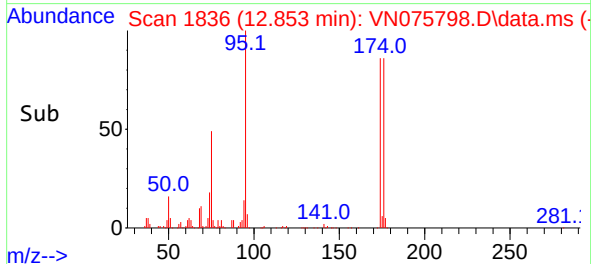
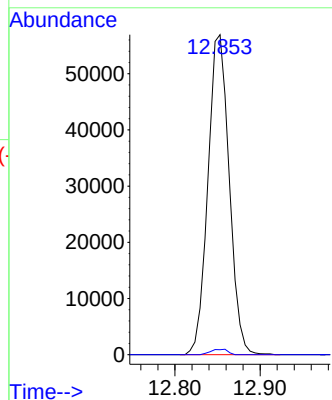
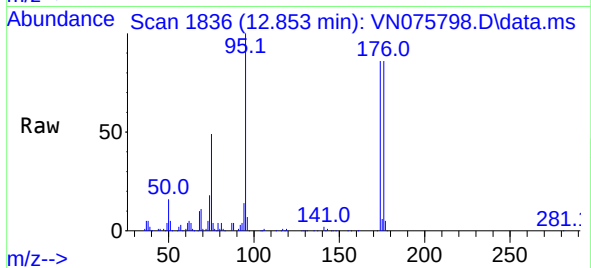




#76
1,2,3-Trichloropropane
Concen: 25.010 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

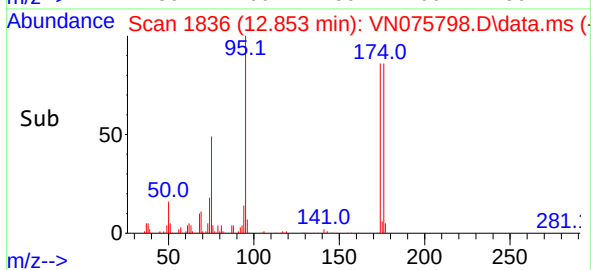
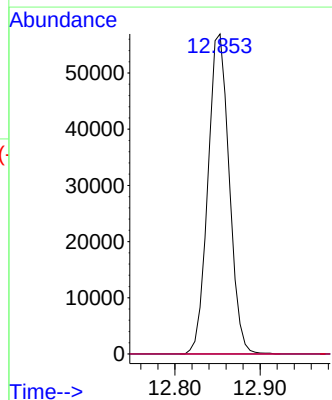
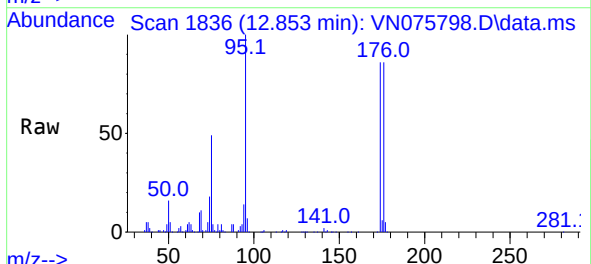
Instrument :
MSVOA_N
ClientSampleId :
MW-40D

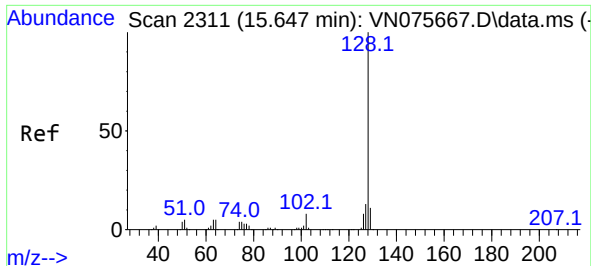
Tgt Ion: 75 Resp: 98750
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.025 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

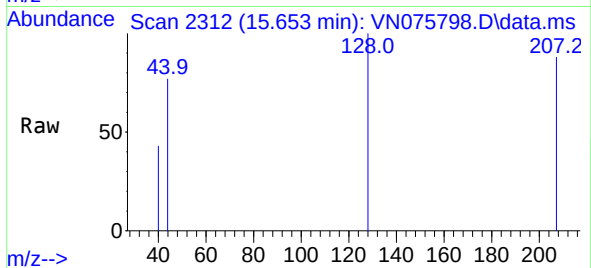
Tgt Ion: 75 Resp: 98750
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.218 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

Instrument :
MSVOA_N
ClientSampleId :
MW-40D



Tgt Ion:128 Resp: 448
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

