

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076114.D
 Acq On : 05 Jan 2023 16:28
 Operator : JC\MD
 Sample : 01003-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jan 05 23:50:37 2023
 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)

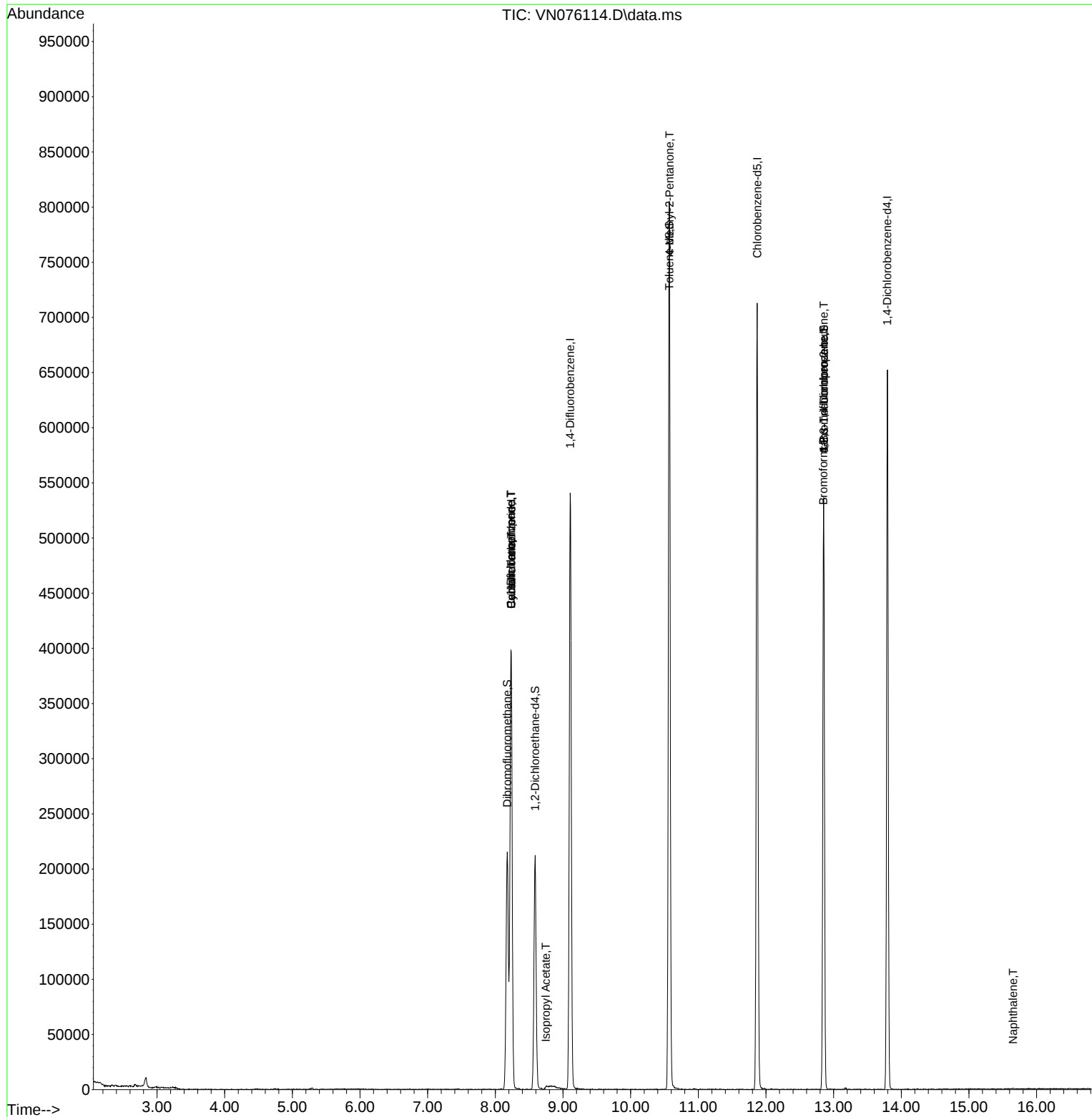
Internal Standards						
1) Pentafluorobenzene	8.235	168	314738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	502061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	437680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	168869	49.318	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.640%
35) Dibromofluoromethane	8.177	113	154641	49.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.480%
50) Toluene-d8	10.571	98	580748	49.957	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.853	95	179016	46.494	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.980%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.306	84	803	Below Cal	#	57
31) Cyclohexane	8.235	56	6014	1.226	ug/l #	39
36) 1,1-Dichloropropene	8.230	75	22437	5.432	ug/l #	49
38) Carbon Tetrachloride	8.235	117	31825	6.885	ug/l #	15
43) Isopropyl Acetate	8.747	43	1882	0.344	ug/l #	50
51) 4-Methyl-2-Pentanone	10.576	43	2038	0.616	ug/l #	1
71) Bromoform	12.847	173	914	0.378	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	90536	24.321	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	90536	87.543	ug/l #	12
95) Naphthalene	15.653	128	988	2.272	ug/l #	69

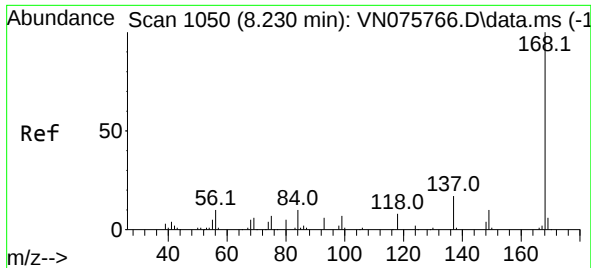
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
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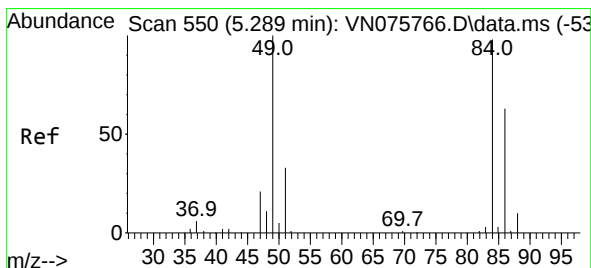
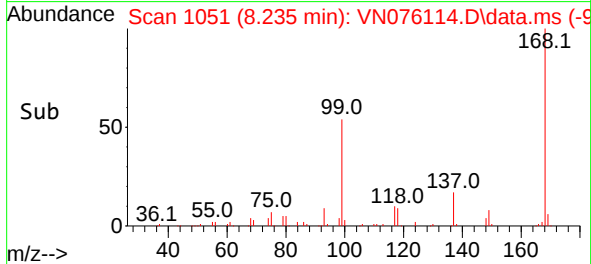
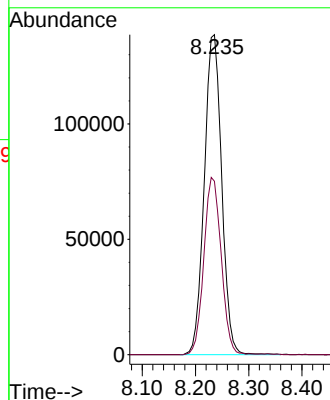
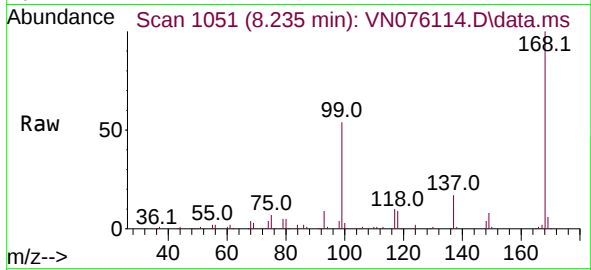




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076114.D
Acq: 05 Jan 2023 16:28

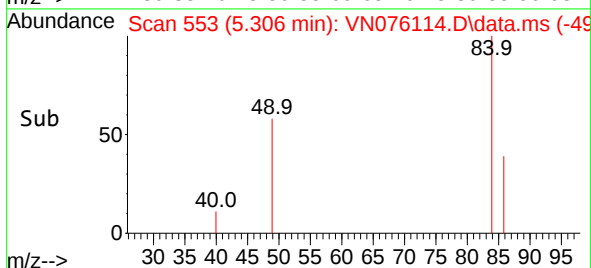
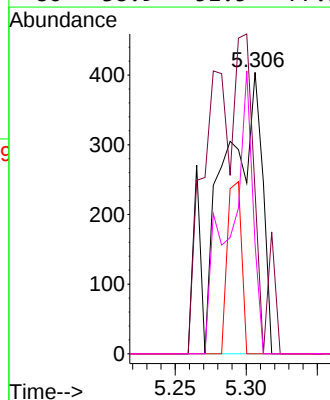
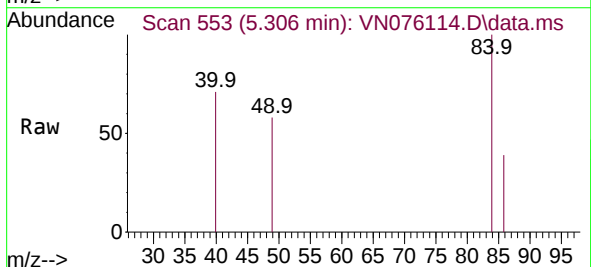
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

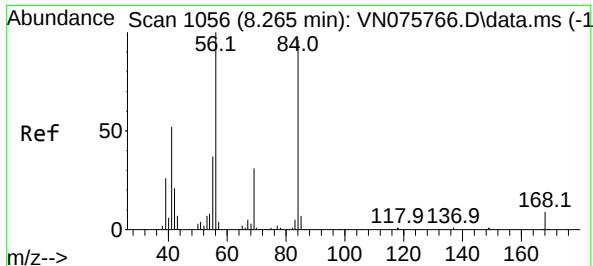
Tgt Ion:168 Resp: 314738
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4



#20
Methylene Chloride
Concen: Below Cal
RT: 5.306 min Scan# 553
Delta R.T. 0.017 min
Lab File: VN076114.D
Acq: 05 Jan 2023 16:28

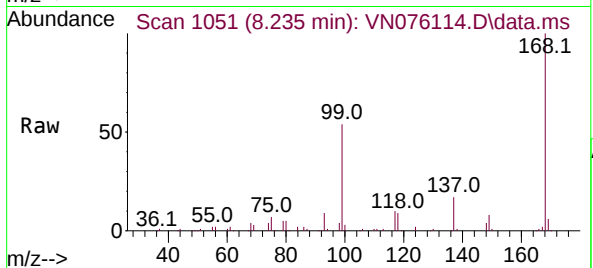
Tgt Ion: 84 Resp: 803
Ion Ratio Lower Upper
84 100
49 57.7 81.8 122.6#
51 0.0 26.7 40.1#
86 38.9 51.5 77.3#



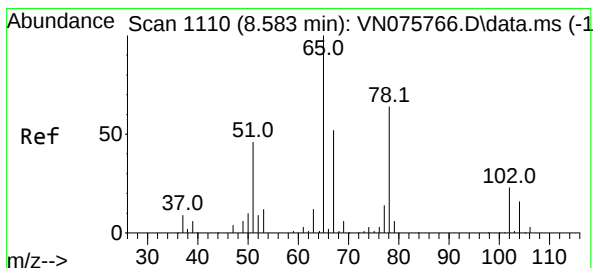
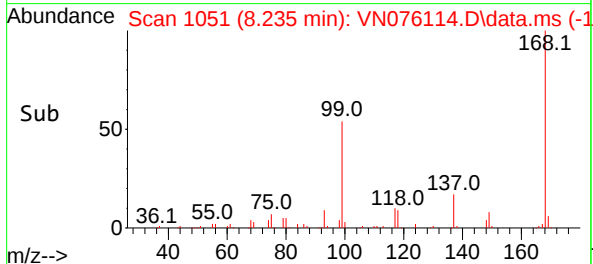
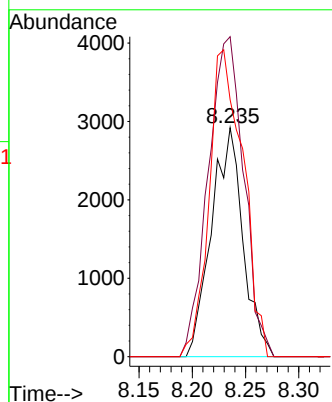


#31
Cyclohexane
Concen: 1.226 ug/l
RT: 8.235 min Scan# 1105
Delta R.T. -0.029 min
Lab File: VN076114.D
Acq: 05 Jan 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

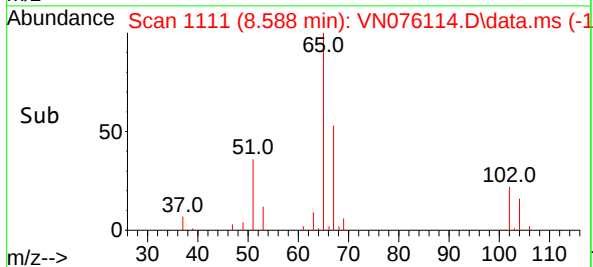
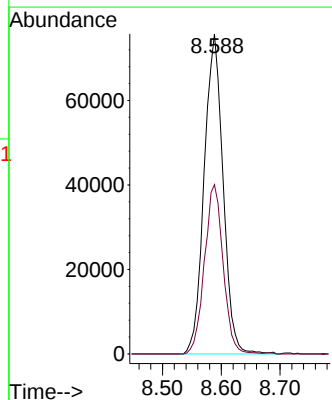
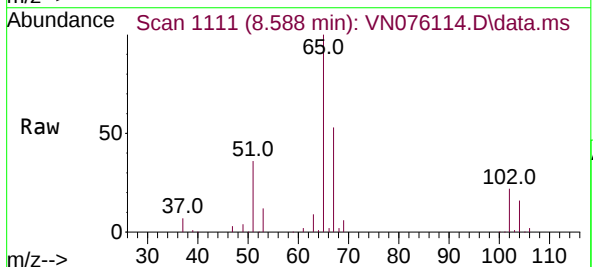


Tgt Ion: 56 Resp: 6014
Ion Ratio Lower Upper
56 100
69 139.8 24.7 37.1#
84 112.2 76.5 114.7



#33
1,2-Dichloroethane-d4
Concen: 49.318 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076114.D
Acq: 05 Jan 2023 16:28

Tgt Ion: 65 Resp: 168869
Ion Ratio Lower Upper
65 100
67 52.2 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: VN076114.D

Acq: 05 Jan 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

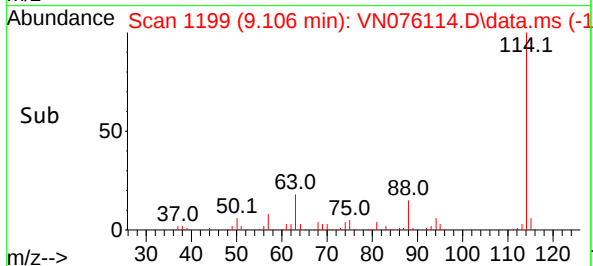
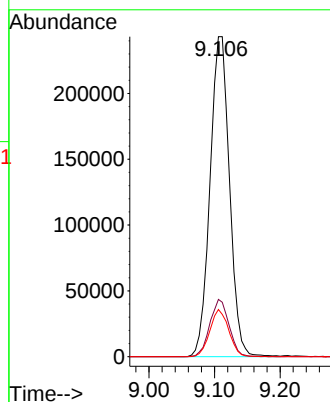
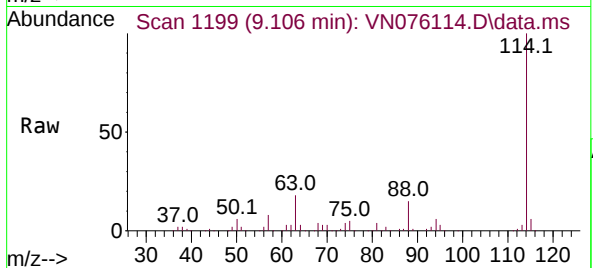
Tgt Ion:114 Resp: 502061

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.737 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076114.D

Acq: 05 Jan 2023 16:28

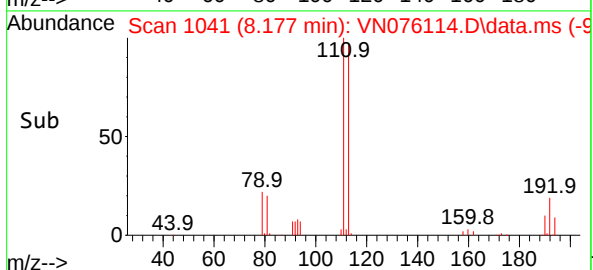
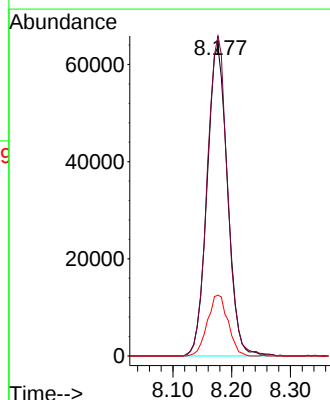
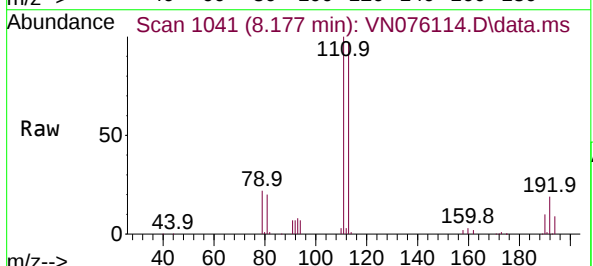
Tgt Ion:113 Resp: 154641

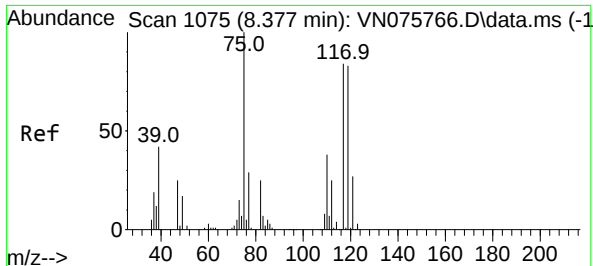
Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 19.7 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.432 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076114.D

Acq: 05 Jan 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

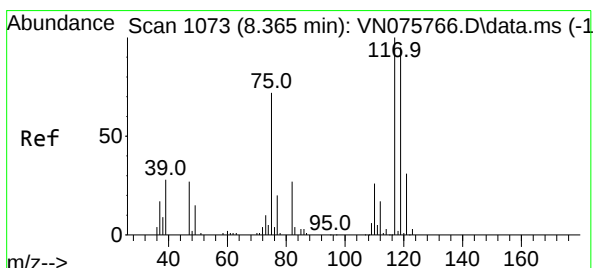
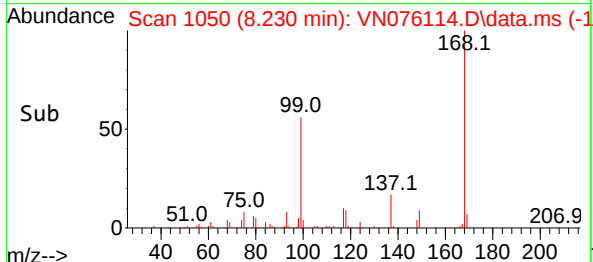
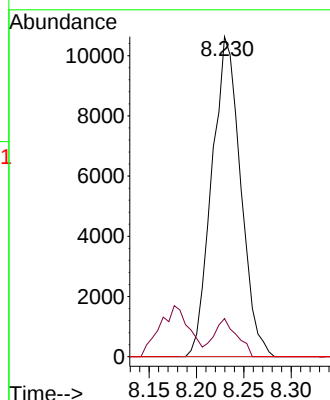
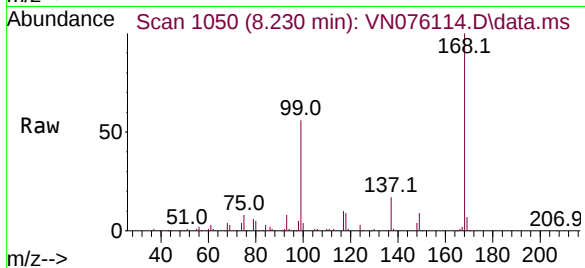
Tgt Ion: 75 Resp: 22437

Ion Ratio Lower Upper

75 100

110 9.6 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.885 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.129 min

Lab File: VN076114.D

Acq: 05 Jan 2023 16:28

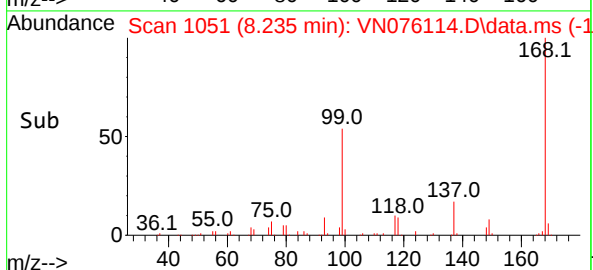
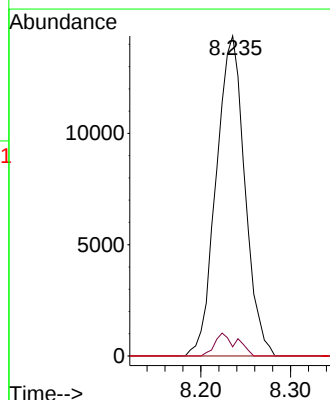
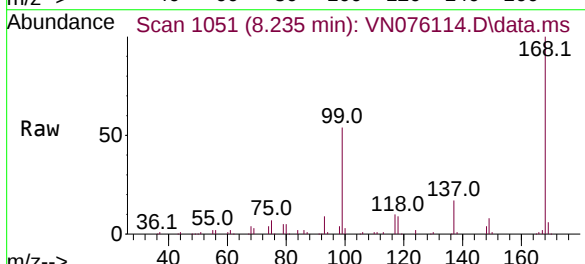
Tgt Ion: 117 Resp: 31825

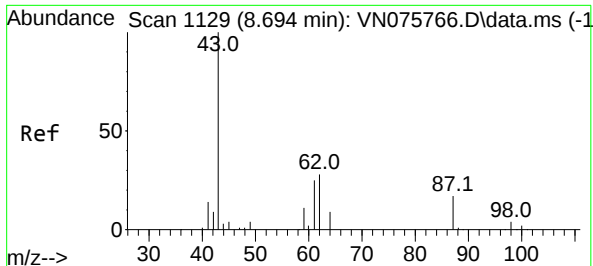
Ion Ratio Lower Upper

117 100

119 2.8 76.1 114.1#

121 0.0 24.5 36.7#





#43

Isopropyl Acetate

Concen: 0.344 ug/l

RT: 8.747 min Scan# 1129

Delta R.T. 0.053 min

Lab File: VN076114.D

Acq: 05 Jan 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

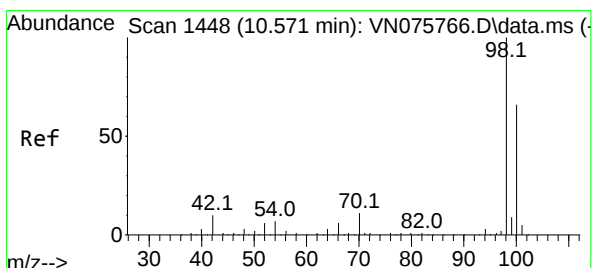
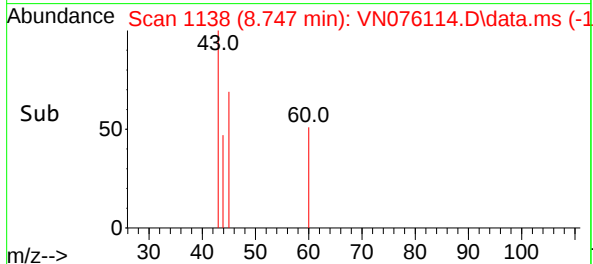
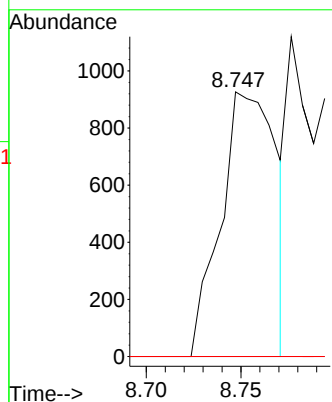
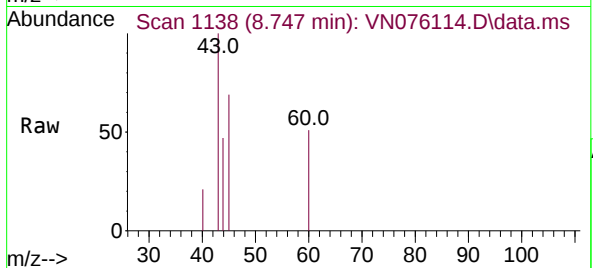
Tgt Ion: 43 Resp: 1882

Ion Ratio Lower Upper

43 100

61 0.0 24.2 36.4#

87 0.0 13.3 19.9#



#50

Toluene-d8

Concen: 49.957 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076114.D

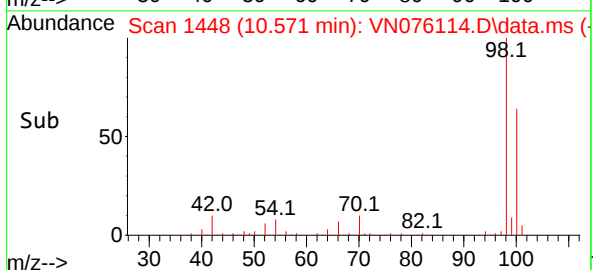
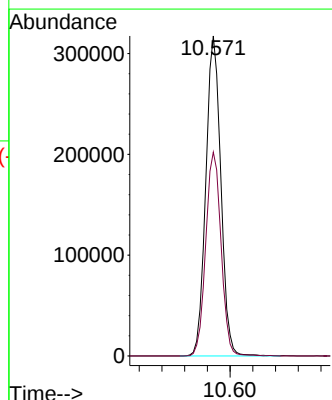
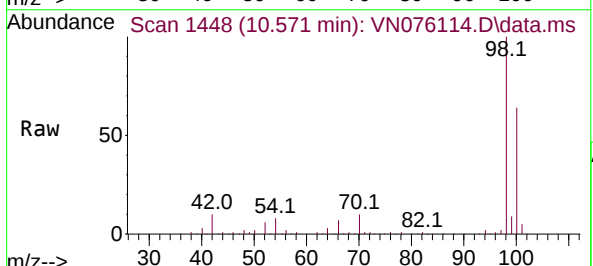
Acq: 05 Jan 2023 16:28

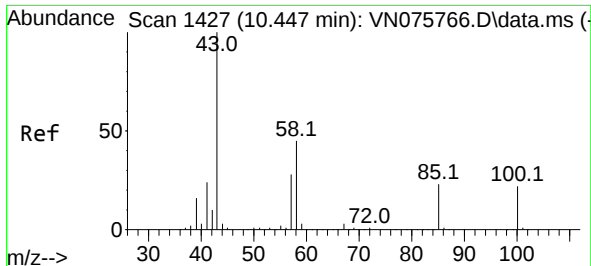
Tgt Ion: 98 Resp: 580748

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

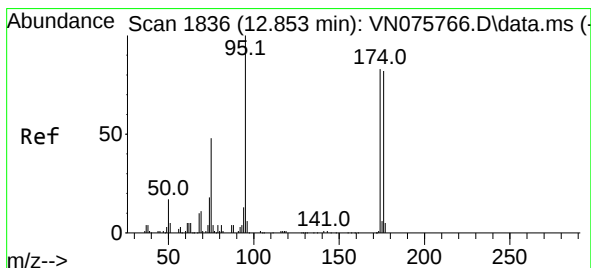
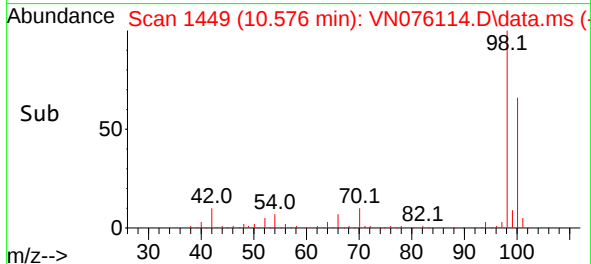
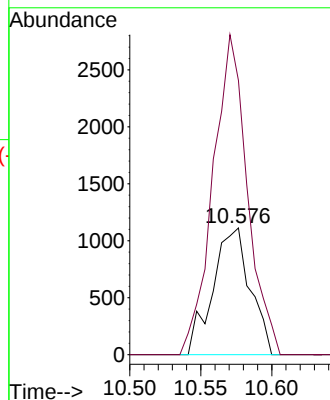
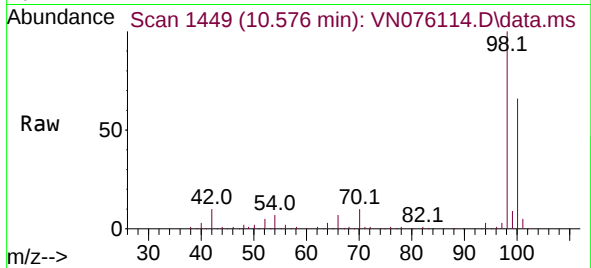




#51
4-Methyl-2-Pentanone
Concen: 0.616 ug/l
RT: 10.576 min Scan# 1427
Delta R.T. 0.129 min
Lab File: VN076114.D
Acq: 05 Jan 2023 16:28

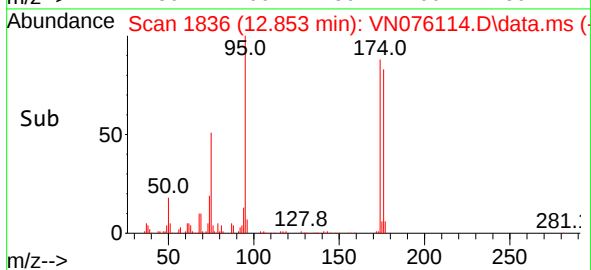
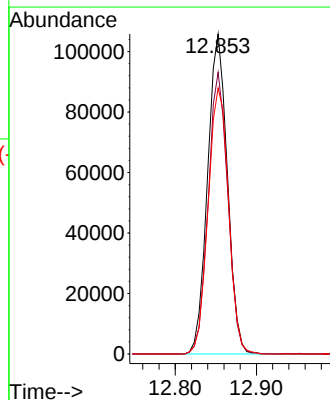
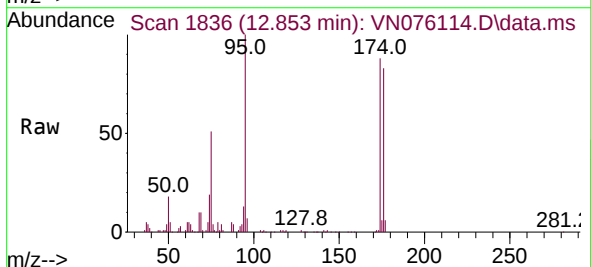
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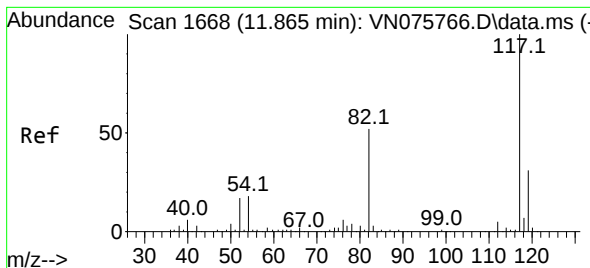
Tgt Ion: 43 Resp: 2038
Ion Ratio Lower Upper
43 100
58 233.0 35.5 53.3#



#62
4-Bromofluorobenzene
Concen: 46.494 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076114.D
Acq: 05 Jan 2023 16:28

Tgt Ion: 95 Resp: 179016
Ion Ratio Lower Upper
95 100
174 87.2 0.0 171.6
176 85.6 0.0 169.2

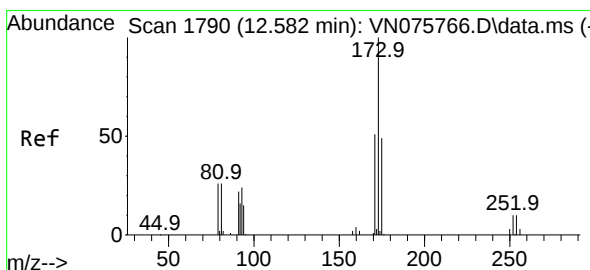
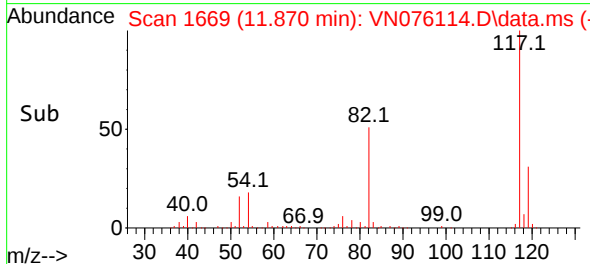
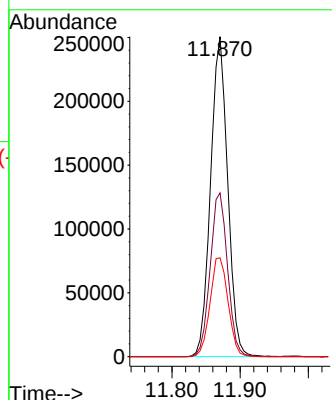
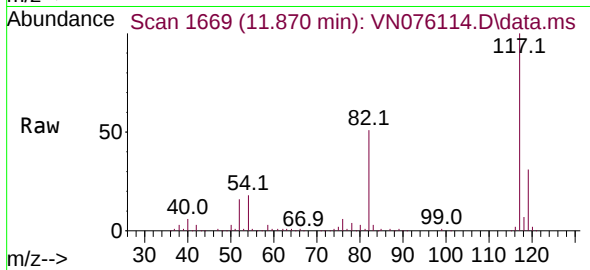




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076114.D
Acq: 05 Jan 2023 16:28

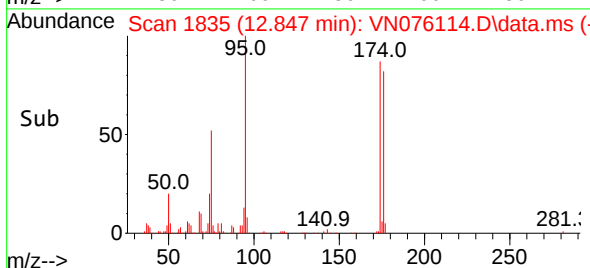
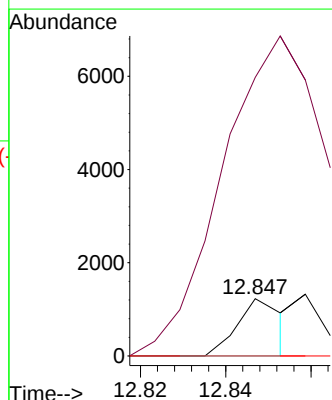
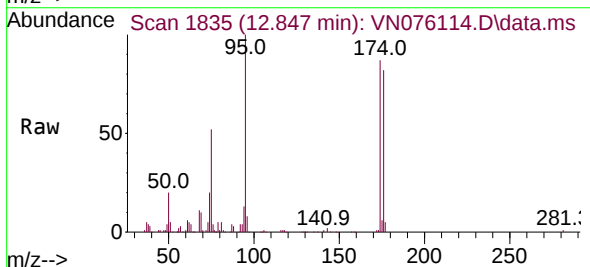
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

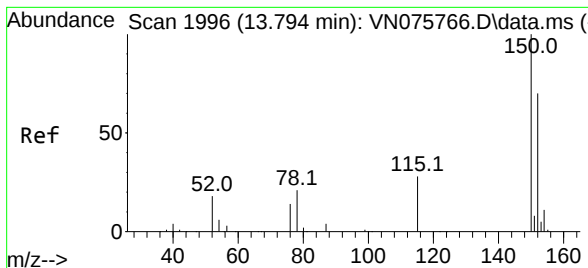
Tgt Ion:117 Resp: 437680
Ion Ratio Lower Upper
117 100
82 51.2 41.3 61.9
119 30.9 24.6 37.0



#71
Bromoform
Concen: 0.378 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076114.D
Acq: 05 Jan 2023 16:28

Tgt Ion:173 Resp: 914
Ion Ratio Lower Upper
173 100
175 1054.3 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: VN076114.D

Acq: 05 Jan 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

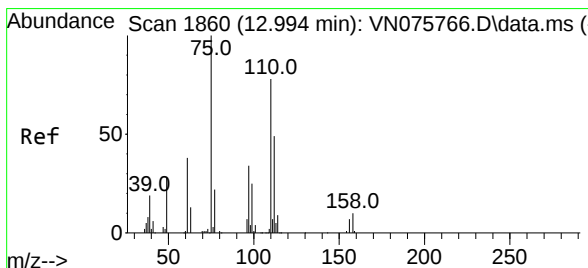
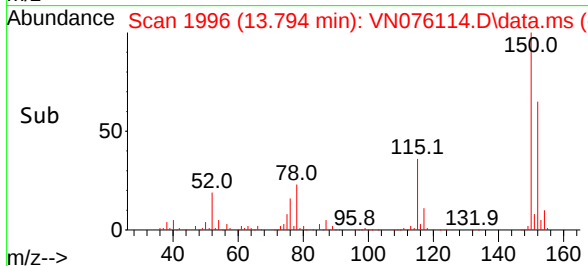
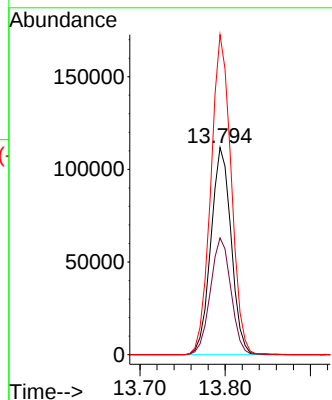
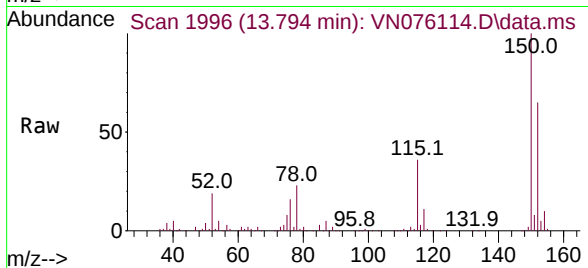
Tgt Ion:152 Resp: 184673

Ion Ratio Lower Upper

152 100

115 57.0 29.1 87.4

150 154.8 0.0 347.0



#76

1,2,3-Trichloropropane

Concen: 24.321 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076114.D

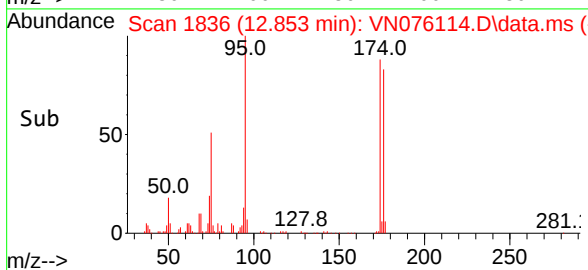
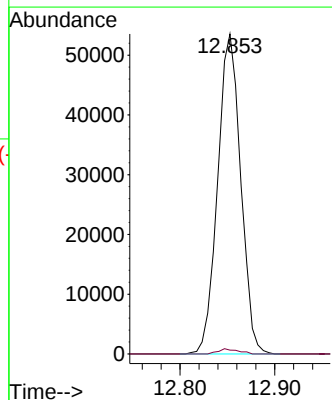
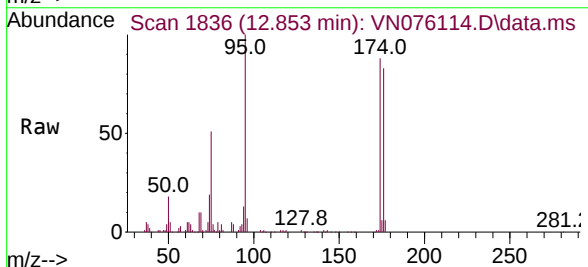
Acq: 05 Jan 2023 16:28

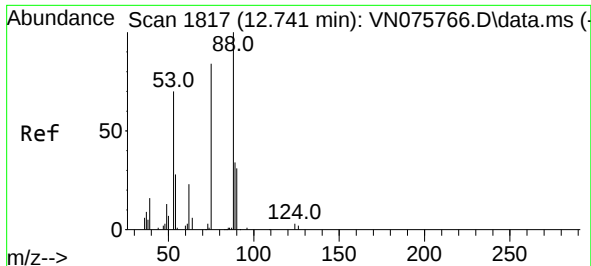
Tgt Ion: 75 Resp: 90536

Ion Ratio Lower Upper

75 100

77 1.4 82.6 247.8#

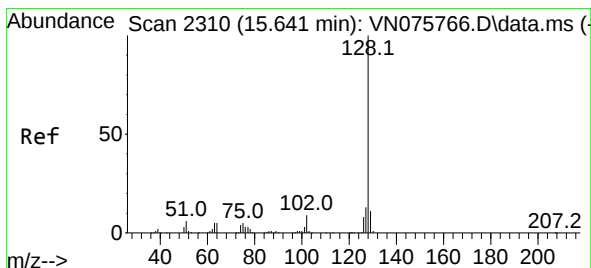
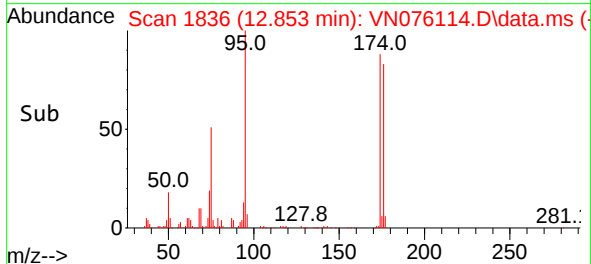
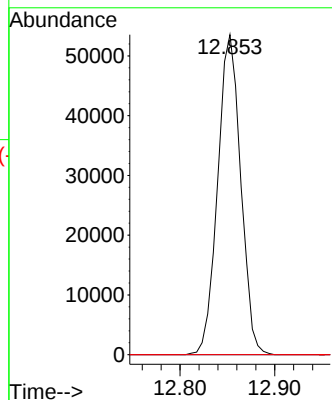
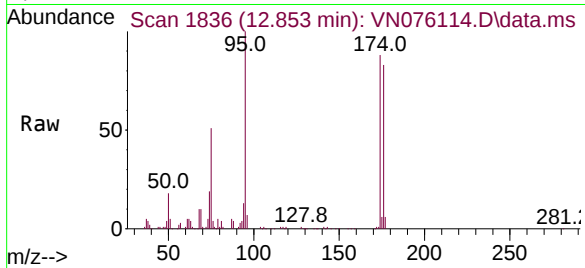




#81
trans-1,4-Dichloro-2-butene
Concen: 87.543 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN076114.D
Acq: 05 Jan 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 90536
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.272 ug/l
RT: 15.653 min Scan# 2312
Delta R.T. 0.012 min
Lab File: VN076114.D
Acq: 05 Jan 2023 16:28

Tgt Ion:128 Resp: 988
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

