

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076384.D
 Acq On : 24 Jan 2023 15:53
 Operator : JC\MD
 Sample : 01280-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 22-MW-3S

Quant Time: Jan 25 00:40:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

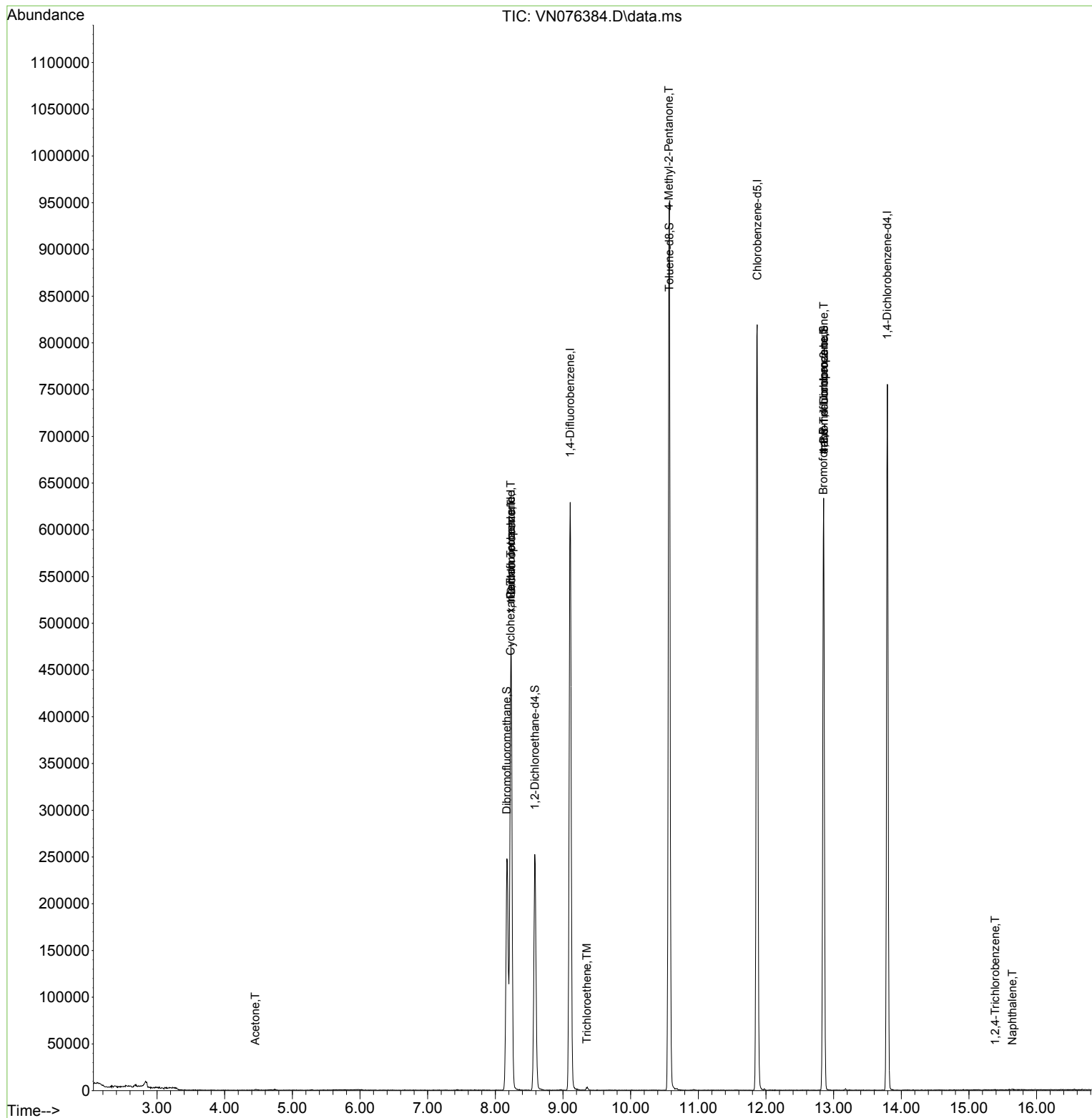
Internal Standards						
1) Pentafluorobenzene	8.230	168	358102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	573780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	502653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	206635	51.535	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.060%	
35) Dibromofluoromethane	8.171	113	177137	49.352	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.700%	
50) Toluene-d8	10.571	98	668002	50.395	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.780%	
62) 4-Bromofluorobenzene	12.853	95	208117	48.094	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.180%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	752	0.512	ug/l #	41
20) Methylene Chloride	5.289	84	220	Below Cal	#	63
31) Cyclohexane	8.224	56	7683	1.247	ug/l #	43
36) 1,1-Dichloropropene	8.236	75	27290	5.351	ug/l #	49
38) Carbon Tetrachloride	8.230	117	35538	6.248	ug/l #	17
44) Trichloroethene	9.353	130	1258	0.292	ug/l	54
51) 4-Methyl-2-Pentanone	10.565	43	2518	0.645	ug/l #	1
71) Bromoform	12.847	173	1506	0.527	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	112169	29.370	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	112169	90.209	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.388	180	83	1.327	ug/l #	67
95) Naphthalene	15.641	128	924	1.922	ug/l #	69

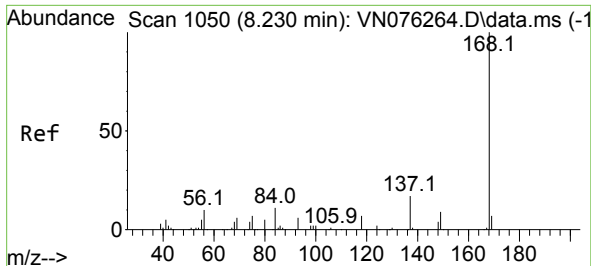
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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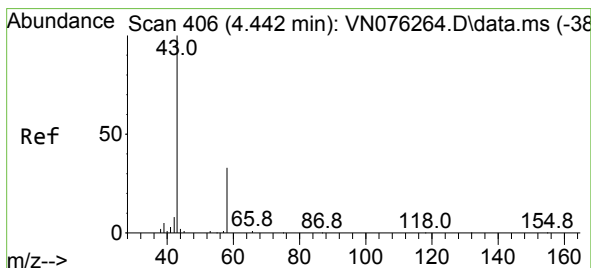
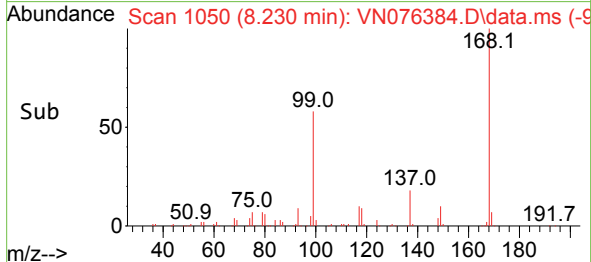
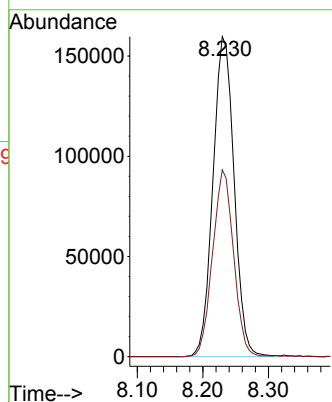
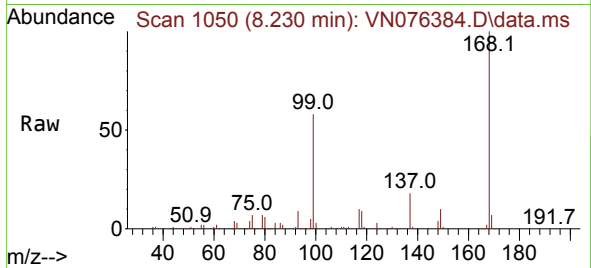




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

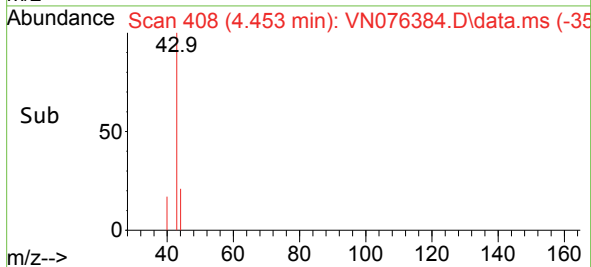
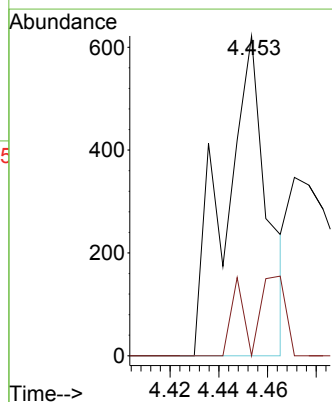
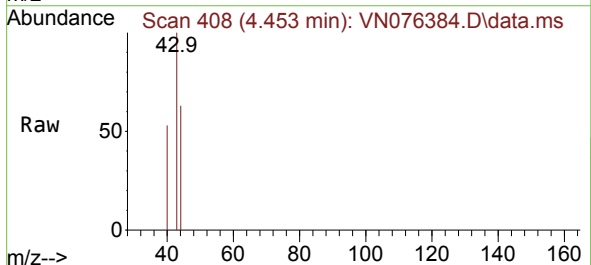
Instrument :
MSVOA_N
ClientSampleId :
22-MW-3S

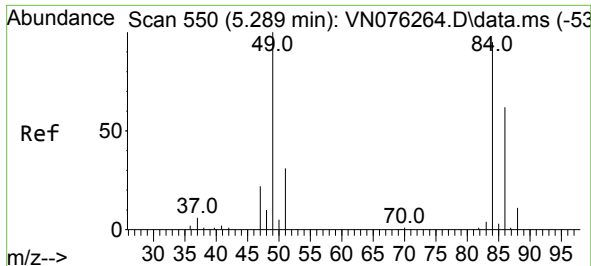
Tgt Ion:168 Resp: 358102
Ion Ratio Lower Upper
168 100
99 58.4 41.6 62.4



#16
Acetone
Concen: 0.512 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

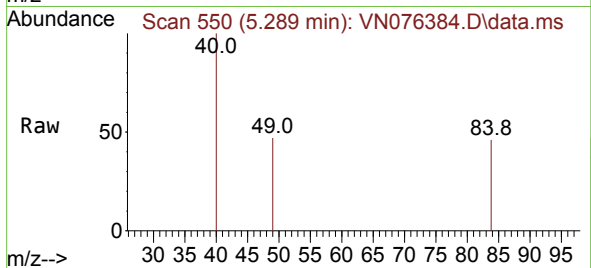
Tgt Ion: 43 Resp: 752
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



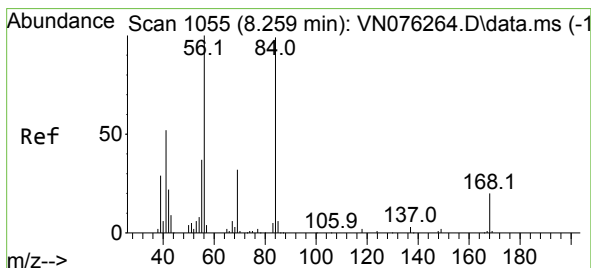
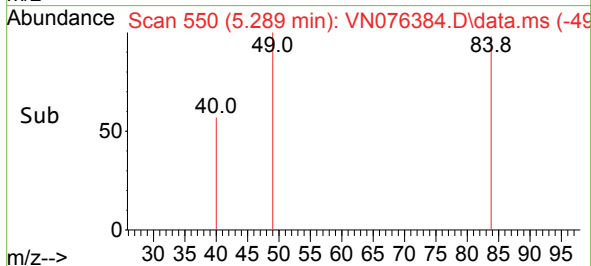
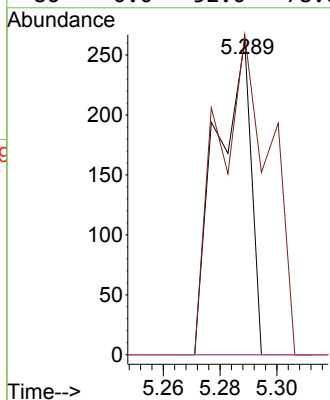


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

Instrument :
MSVOA_N
ClientSampleId :
22-MW-3S

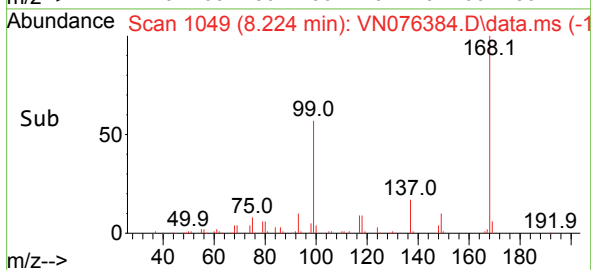
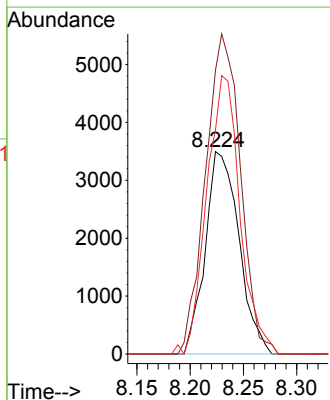
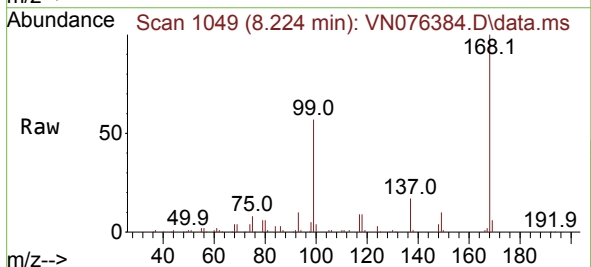


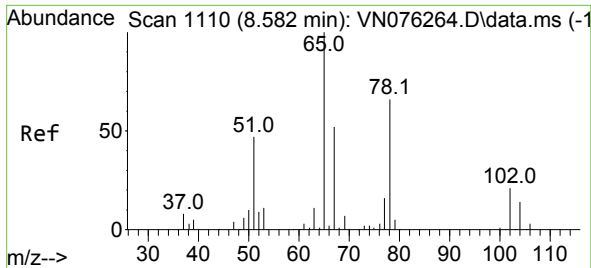
Tgt Ion:	84	Resp:	220
Ion	Ratio	Lower	Upper
84	100		
49	101.9	84.5	126.7
51	0.0	26.0	39.0#
86	0.0	52.0	78.0#



#31
Cyclohexane
Concen: 1.247 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

Tgt Ion:	56	Resp:	7683
Ion	Ratio	Lower	Upper
56	100		
69	140.1	25.8	38.8#
84	110.6	79.0	118.4





#33

1,2-Dichloroethane-d4

Concen: 51.535 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076384.D

Acq: 24 Jan 2023 15:53

Instrument :

MSVOA_N

ClientSampleId :

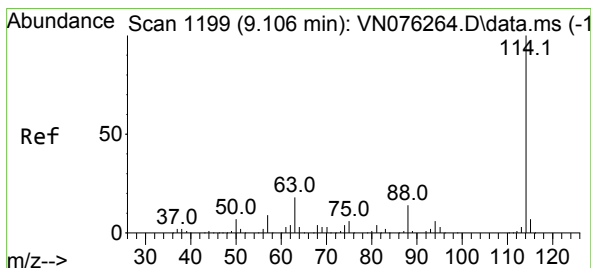
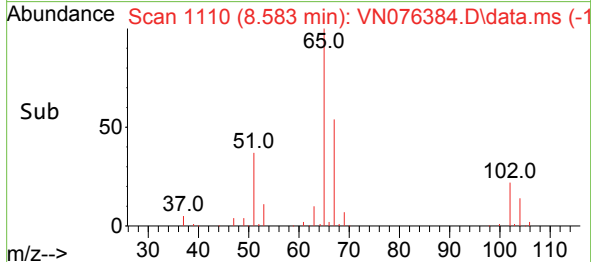
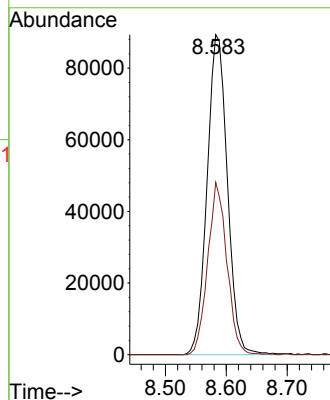
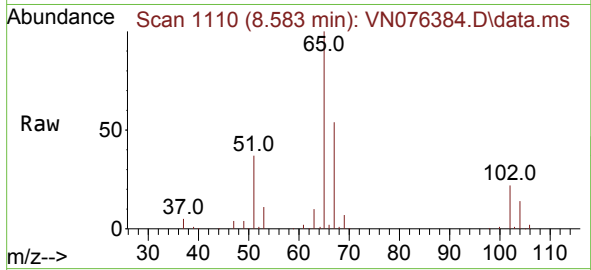
22-MW-3S

Tgt Ion: 65 Resp: 206635

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076384.D

Acq: 24 Jan 2023 15:53

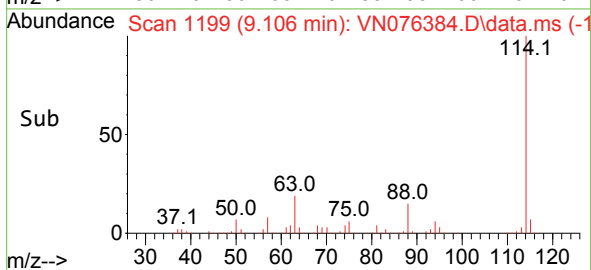
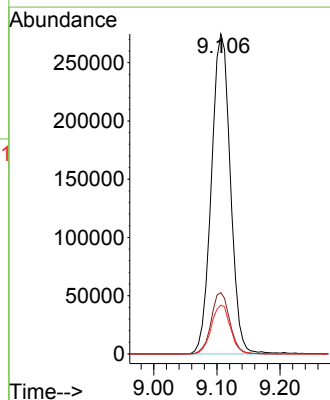
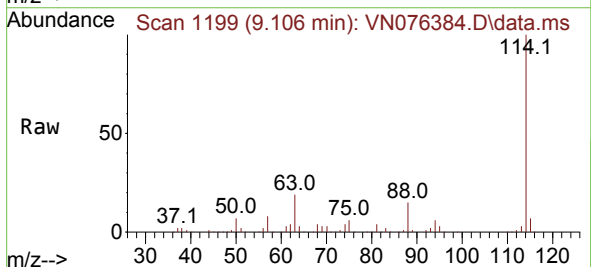
Tgt Ion: 114 Resp: 573780

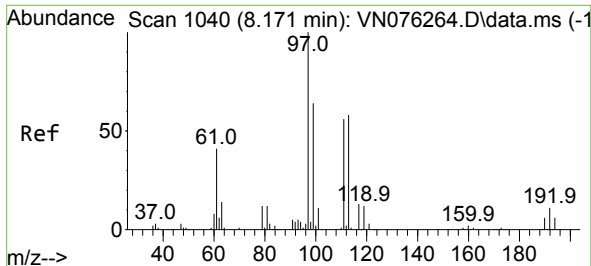
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.8

88 15.3 0.0 28.0





#35

Dibromofluoromethane

Concen: 49.352 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076384.D

Acq: 24 Jan 2023 15:53

Instrument :

MSVOA_N

ClientSampleId :

22-MW-3S

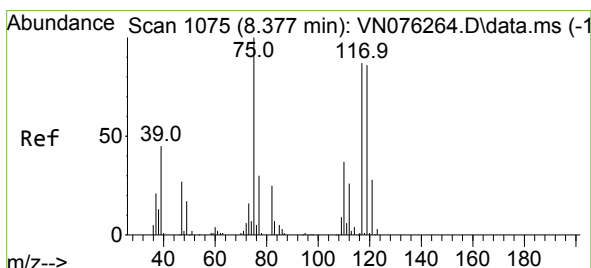
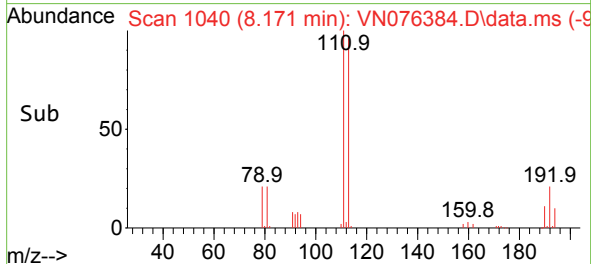
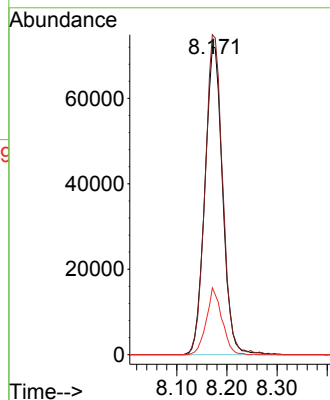
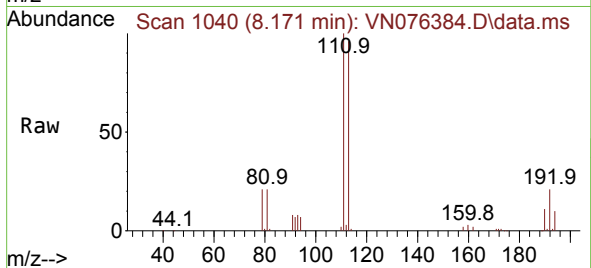
Tgt Ion:113 Resp: 177137

Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

192 19.2 15.6 23.4



#36

1,1-Dichloropropene

Concen: 5.351 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.141 min

Lab File: VN076384.D

Acq: 24 Jan 2023 15:53

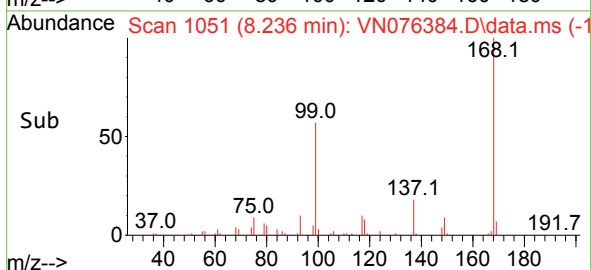
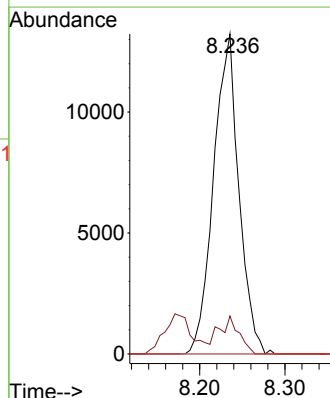
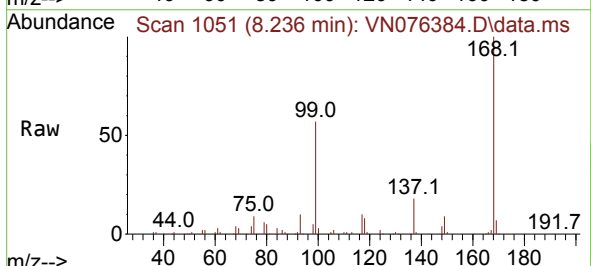
Tgt Ion: 75 Resp: 27290

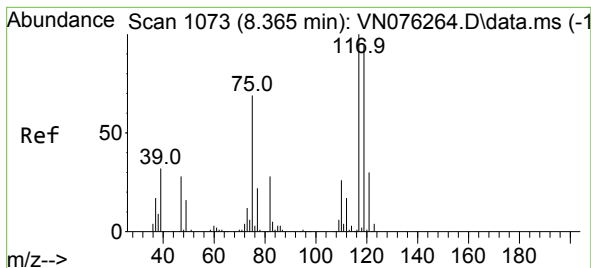
Ion Ratio Lower Upper

75 100

110 9.2 18.8 56.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.248 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN076384.D

Acq: 24 Jan 2023 15:53

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ClientSampleId :

22-MW-3S

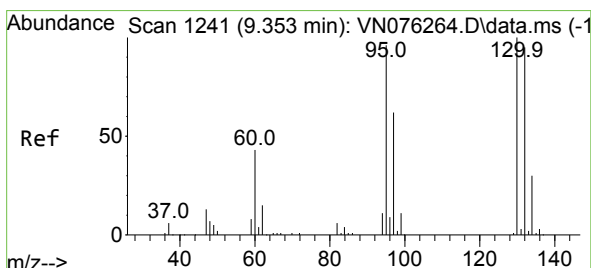
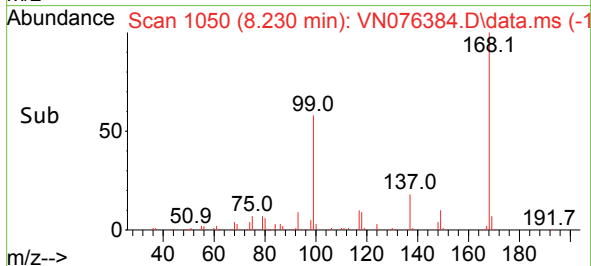
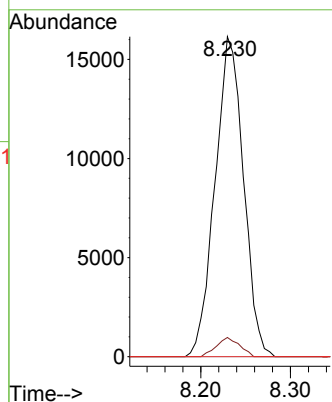
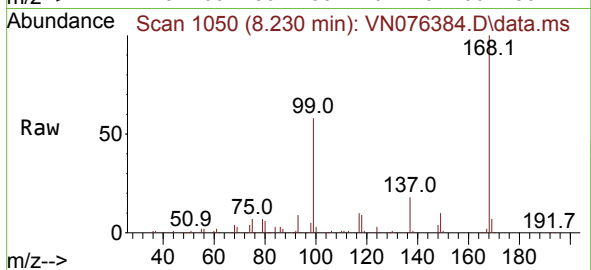
Tgt Ion:117 Resp: 35538

Ion Ratio Lower Upper

117 100

119 6.0 75.4 113.0#

121 0.0 24.2 36.2#



#44

Trichloroethene

Concen: 0.292 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VN076384.D

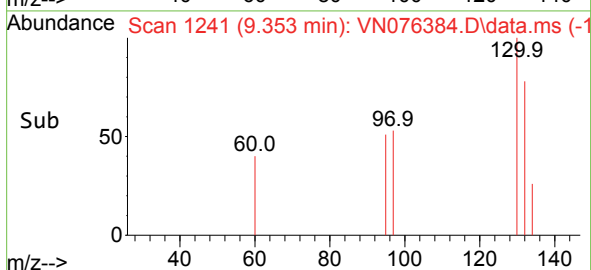
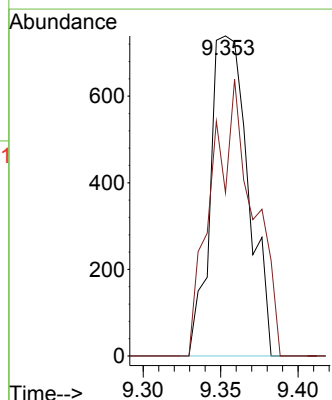
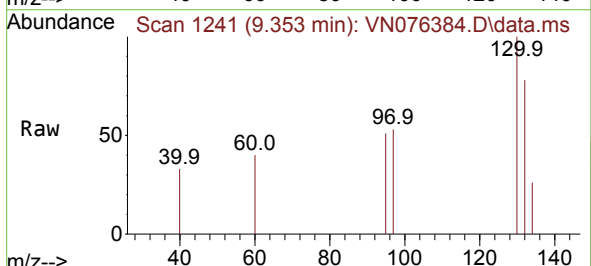
Acq: 24 Jan 2023 15:53

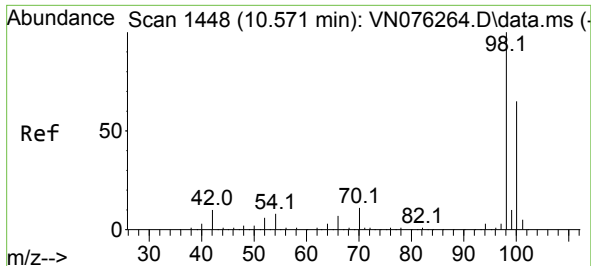
Tgt Ion:130 Resp: 1258

Ion Ratio Lower Upper

130 100

95 51.0 0.0 192.0

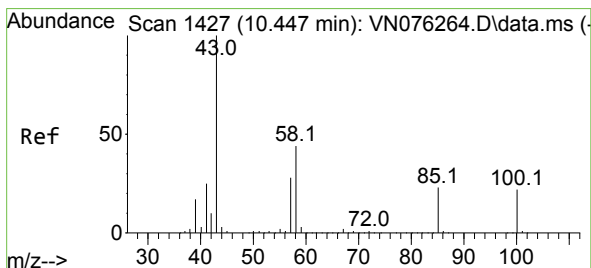
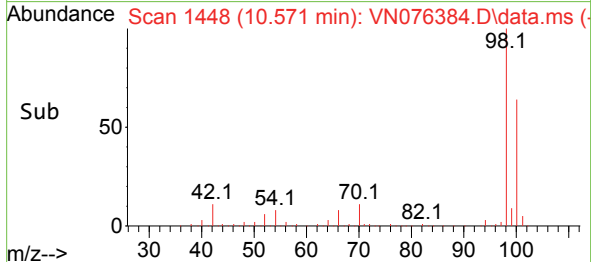
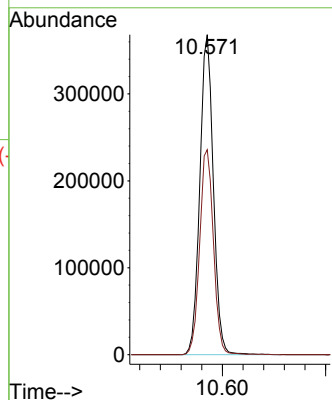
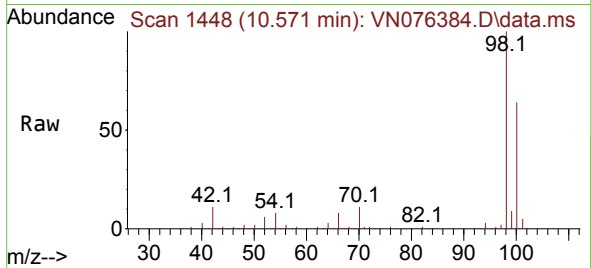




#50
Toluene-d8
Concen: 50.395 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

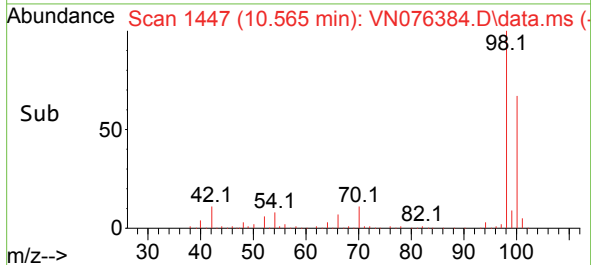
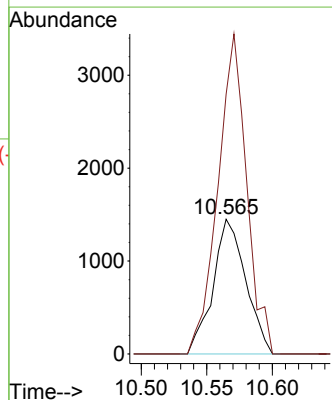
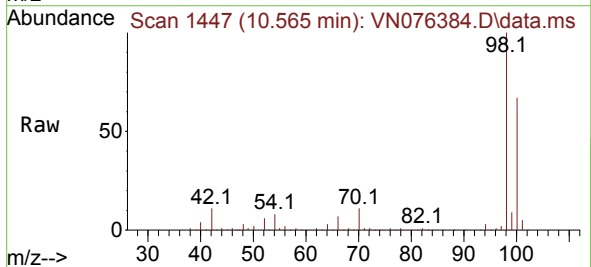
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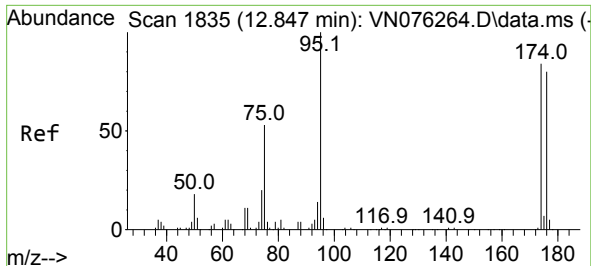
Tgt Ion: 98 Resp: 668002
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.645 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. 0.118 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

Tgt Ion: 43 Resp: 2518
Ion Ratio Lower Upper
43 100
58 208.9 35.1 52.7#

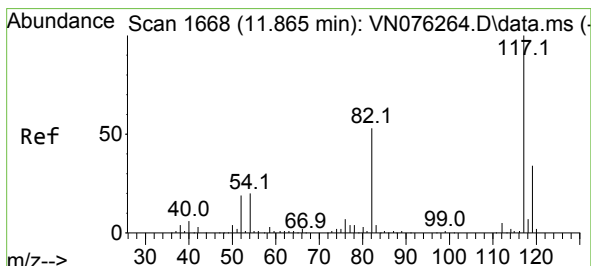
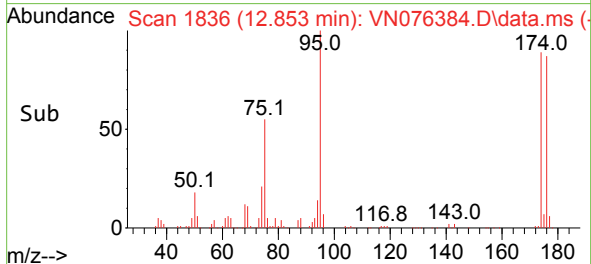
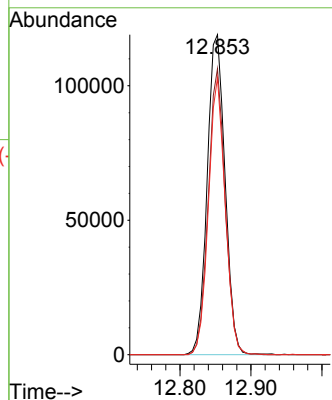
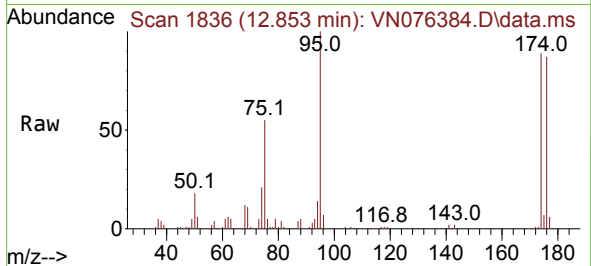




#62
4-Bromofluorobenzene
Concen: 48.094 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

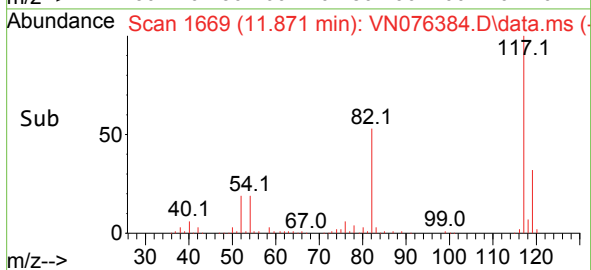
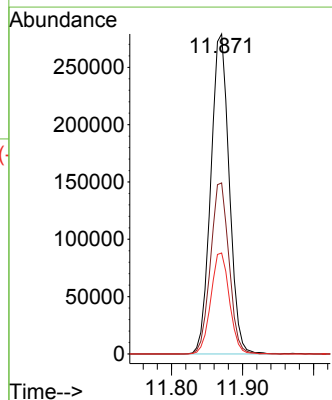
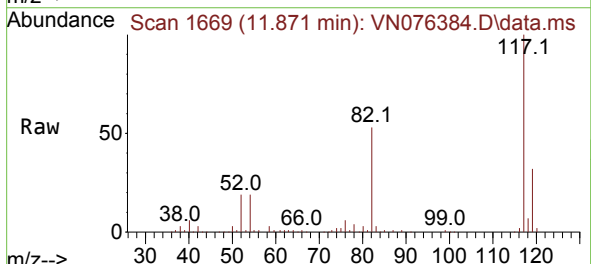
Instrument :
MSVOA_N
ClientSampleId :
22-MW-3S

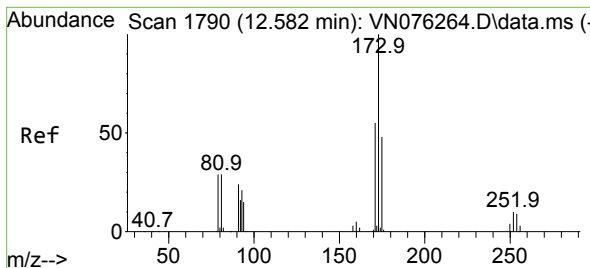
Tgt Ion: 95 Resp: 208117
Ion Ratio Lower Upper
95 100
174 84.7 0.0 174.6
176 81.1 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

Tgt Ion: 117 Resp: 502653
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.2
119 31.6 26.9 40.3





#71

Bromoform

Concen: 0.527 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.265 min

Lab File: VN076384.D

Acq: 24 Jan 2023 15:53

Instrument :

MSVOA_N

ClientSampleId :

22-MW-3S

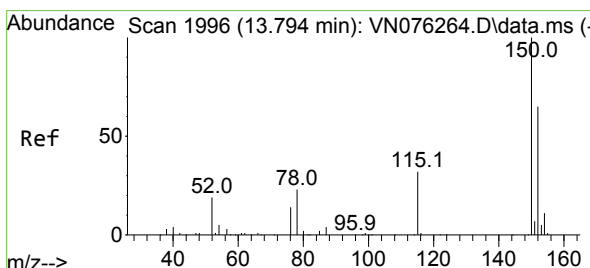
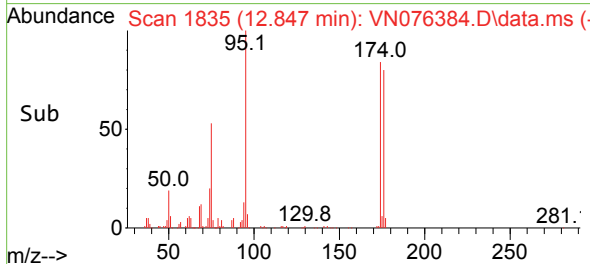
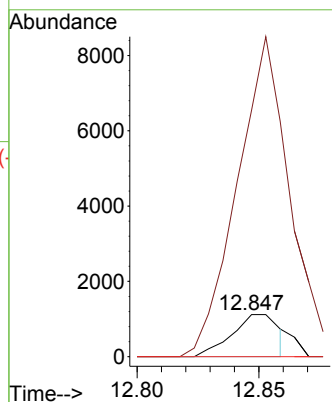
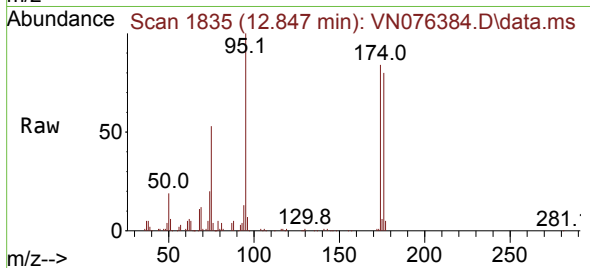
Tgt Ion:173 Resp: 1506

Ion Ratio Lower Upper

173 100

175 699.9 24.1 72.4#

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: VN076384.D

Acq: 24 Jan 2023 15:53

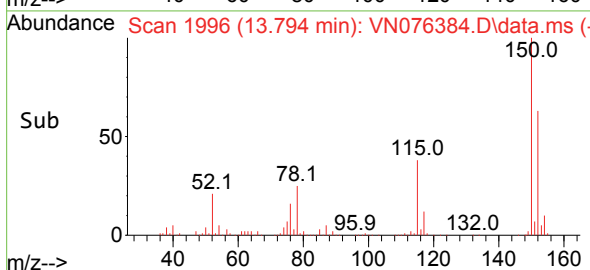
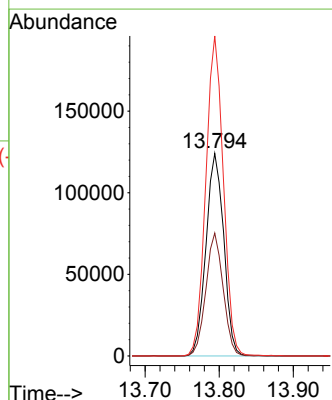
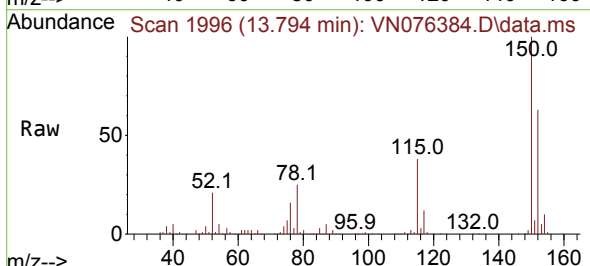
Tgt Ion:152 Resp: 206887

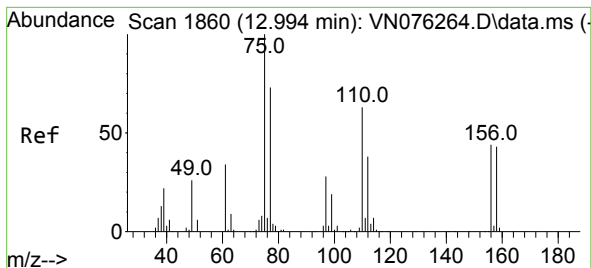
Ion Ratio Lower Upper

152 100

115 59.0 29.6 88.9

150 155.8 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 29.370 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076384.D

Acq: 24 Jan 2023 15:53

Instrument :

MSVOA_N

ClientSampleId :

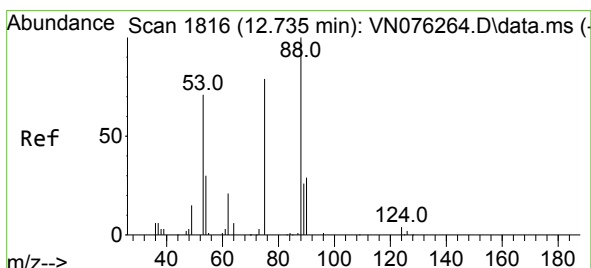
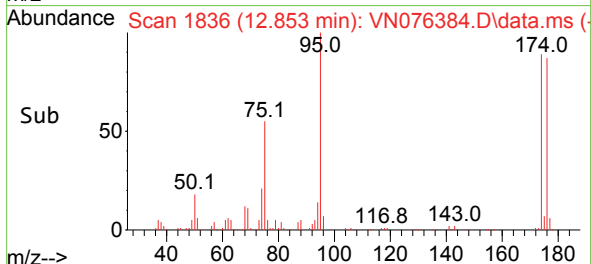
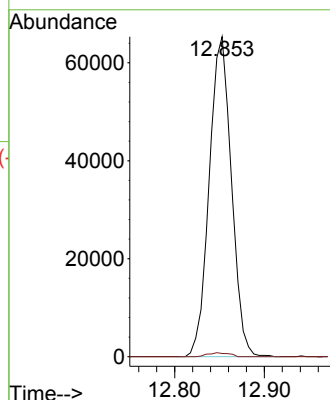
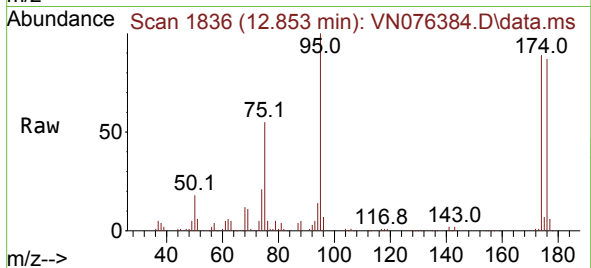
22-MW-3S

Tgt Ion: 75 Resp: 112169

Ion Ratio Lower Upper

75 100

77 1.2 75.2 225.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.209 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.118 min

Lab File: VN076384.D

Acq: 24 Jan 2023 15:53

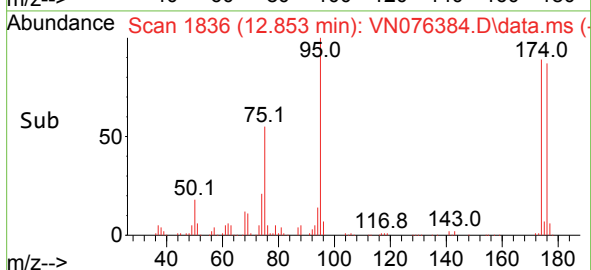
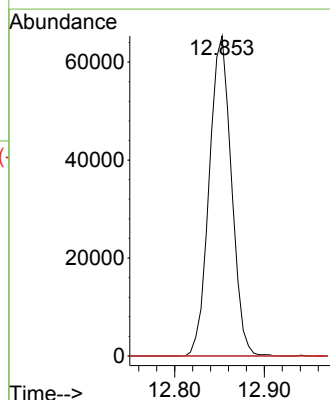
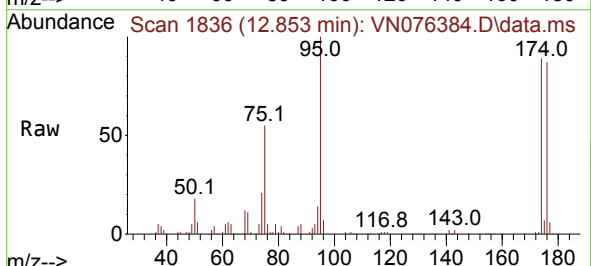
Tgt Ion: 75 Resp: 112169

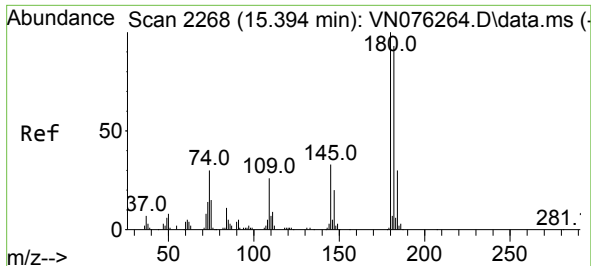
Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.8#

89 0.0 37.0 55.6#

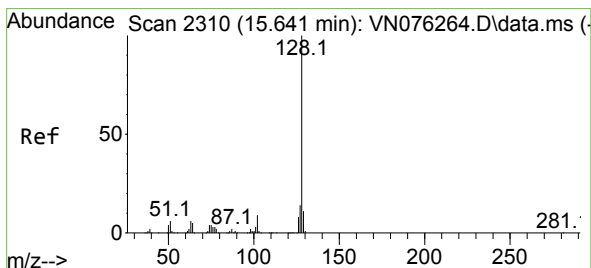
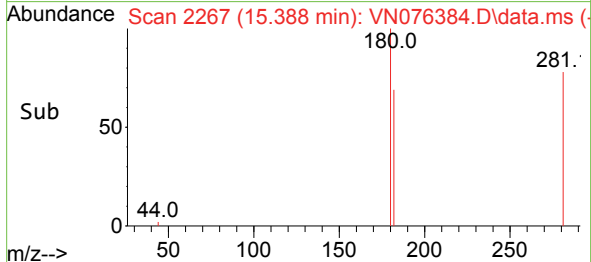
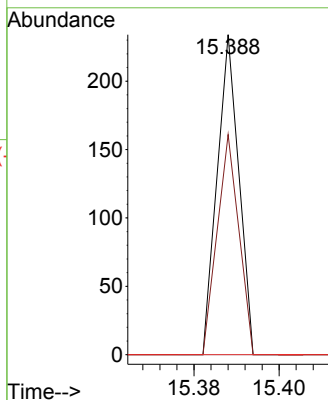
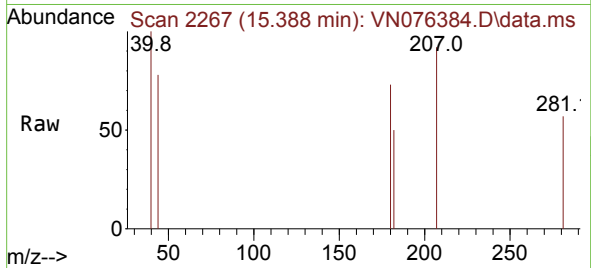




#93
1,2,4-Trichlorobenzene
Concen: 1.327 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

Instrument :
MSVOA_N
ClientSampleId :
22-MW-3S

Tgt Ion:180 Resp: 83
Ion Ratio Lower Upper
180 100
182 68.7 47.0 141.2
145 0.0 15.2 45.5#



#95
Naphthalene
Concen: 1.922 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

Tgt Ion:128 Resp: 924
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

