

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076435.D
 Acq On : 27 Jan 2023 13:23
 Operator : JC\MD
 Sample : 01332-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jan 27 22:36:47 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)

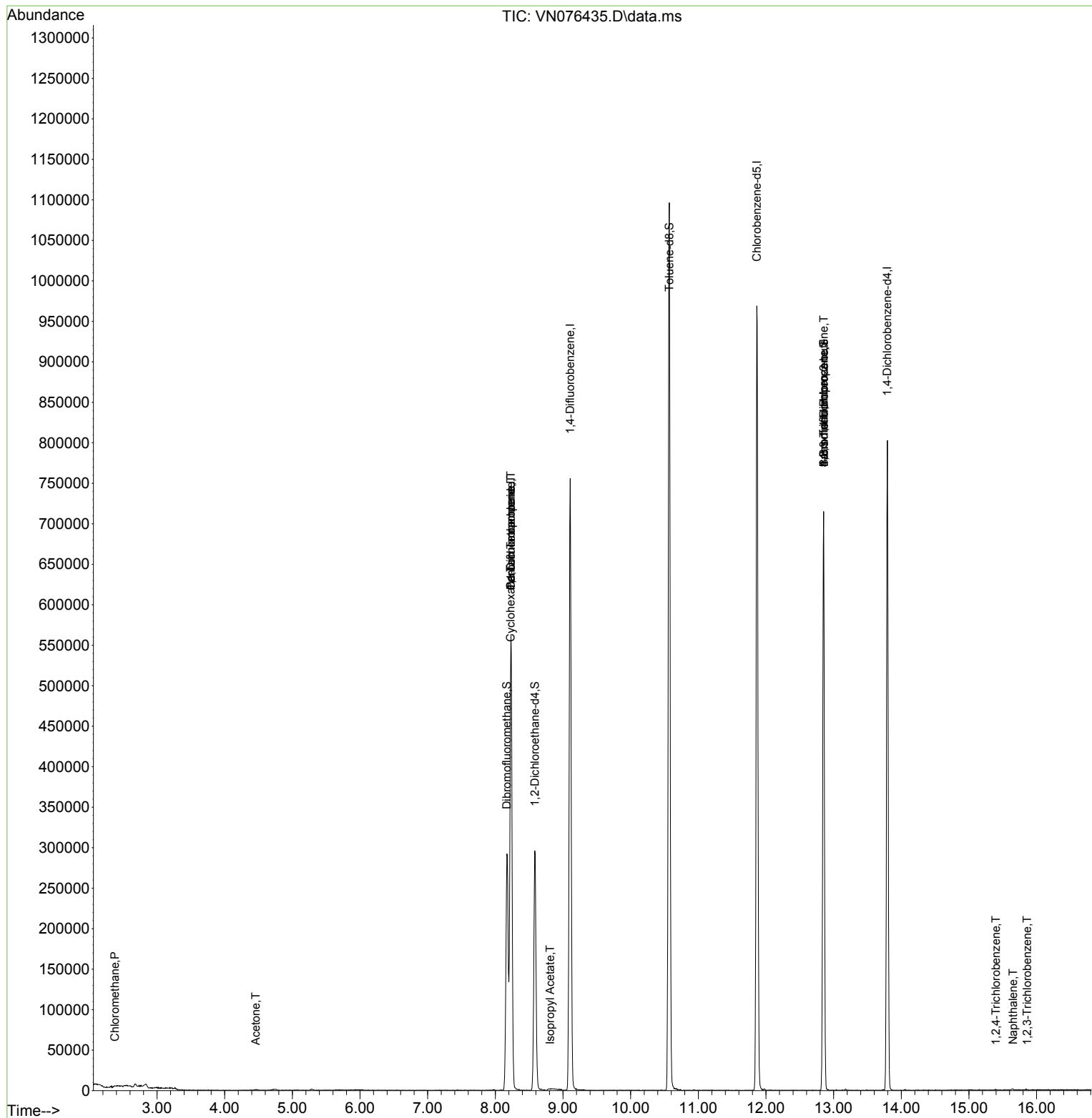
Internal Standards						
1) Pentafluorobenzene	8.230	168	415918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	673653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	582391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	248312	53.321	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.640%			
35) Dibromofluoromethane	8.171	113	210775	50.018	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.040%			
50) Toluene-d8	10.571	98	788486	50.665	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.340%			
62) 4-Bromofluorobenzene	12.853	95	237998	46.845	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.700%			
Target Compounds						Qvalue
3) Chloromethane	2.377	50	1106	0.251	ug/l #	44
16) Acetone	4.459	43	1278	0.783	ug/l #	52
20) Methylene Chloride	5.295	84	950	Below Cal	#	65
31) Cyclohexane	8.224	56	8850	1.237	ug/l #	39
36) 1,1-Dichloropropene	8.230	75	32607	5.445	ug/l #	50
38) Carbon Tetrachloride	8.230	117	43284	6.482	ug/l #	16
43) Isopropyl Acetate	8.812	43	1749	0.224	ug/l #	51
71) Bromoform	12.853	173	1693	0.512	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	127135	31.538	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	127135	96.654	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.400	180	575	1.451	ug/l #	46
95) Naphthalene	15.653	128	1797	1.991	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.859	180	153	1.195	ug/l #	1

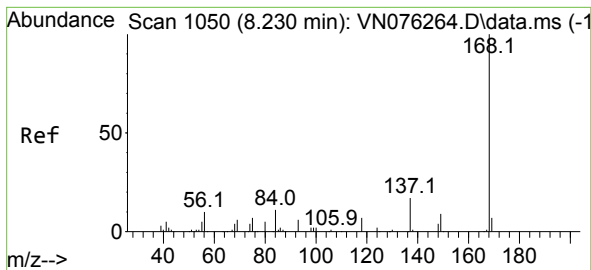
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN076435.D

Acq: 27 Jan 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

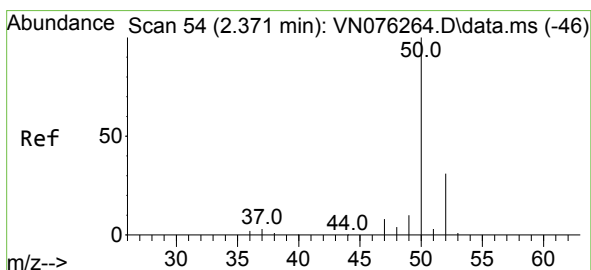
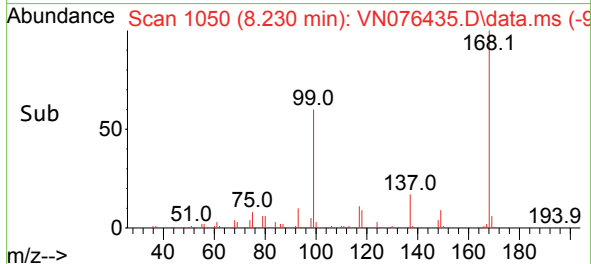
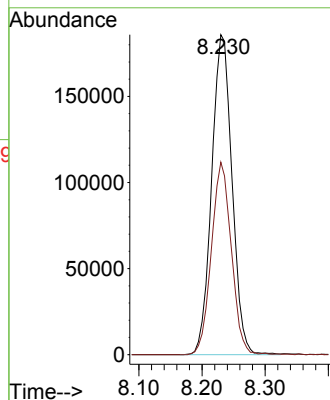
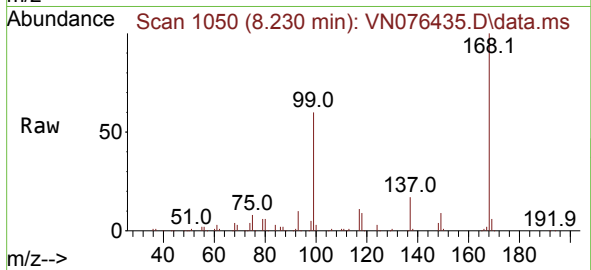
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 415918

Ion Ratio Lower Upper

168 100

99 60.1 41.6 62.4



#3

Chloromethane

Concen: 0.251 ug/l

RT: 2.377 min Scan# 55

Delta R.T. 0.006 min

Lab File: VN076435.D

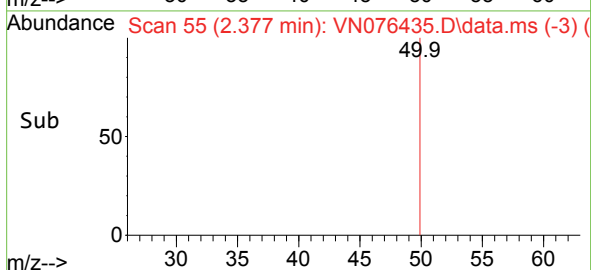
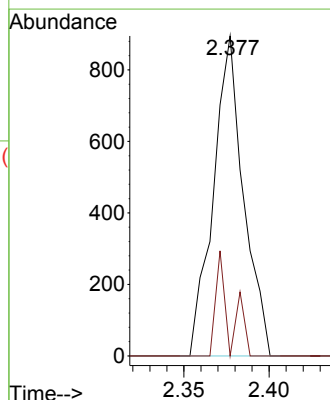
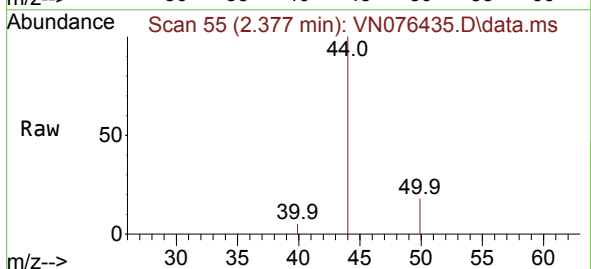
Acq: 27 Jan 2023 13:23

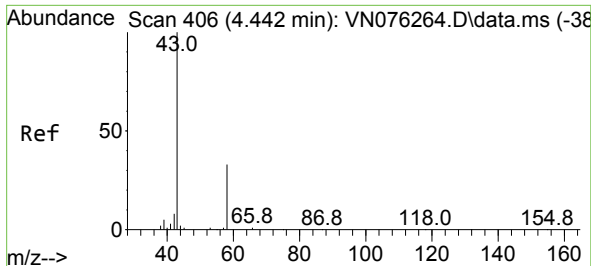
Tgt Ion: 50 Resp: 1106

Ion Ratio Lower Upper

50 100

52 0.0 24.8 37.2#





#16

Acetone

Concen: 0.783 ug/l

RT: 4.459 min Scan# 409

Delta R.T. 0.017 min

Lab File: VN076435.D

Acq: 27 Jan 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

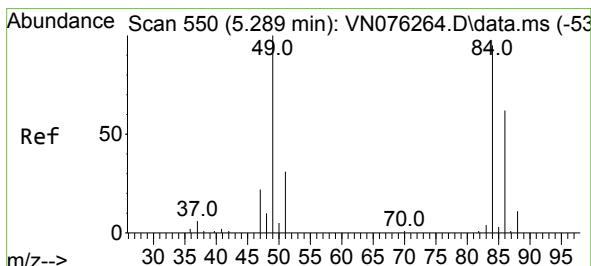
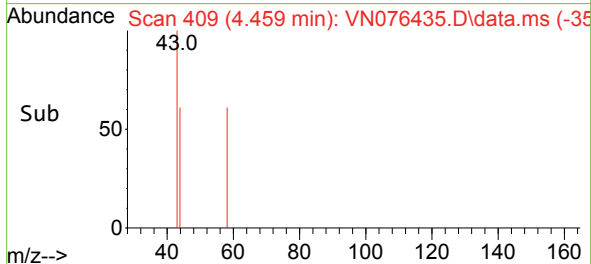
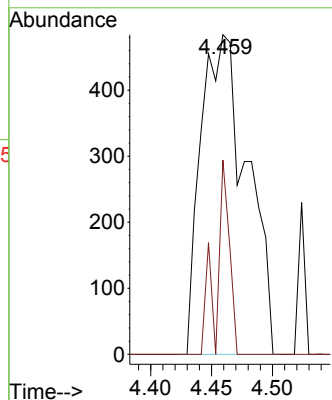
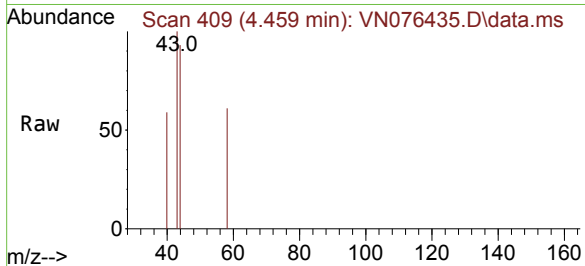
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 43 Resp: 1278

Ion Ratio Lower Upper

43 100

58 60.7 26.7 40.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.295 min Scan# 551

Delta R.T. 0.006 min

Lab File: VN076435.D

Acq: 27 Jan 2023 13:23

Tgt Ion: 84 Resp: 950

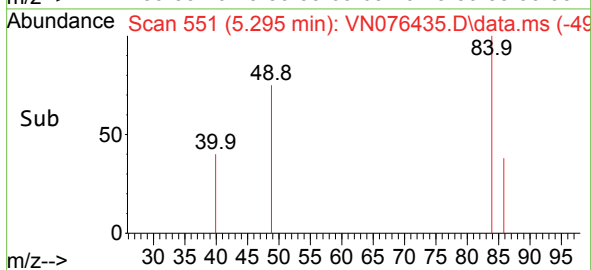
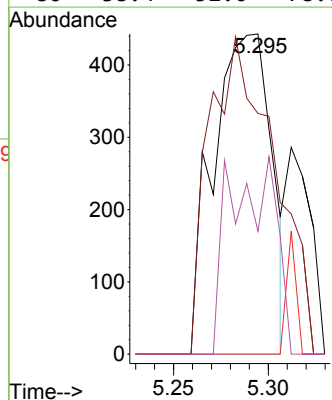
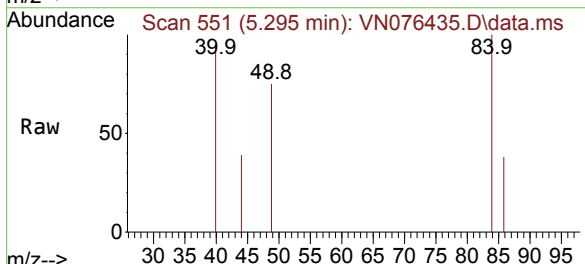
Ion Ratio Lower Upper

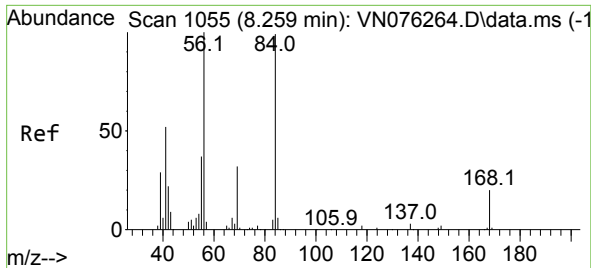
84 100

49 75.2 84.5 126.7#

51 0.0 26.0 39.0#

86 38.4 52.0 78.0#

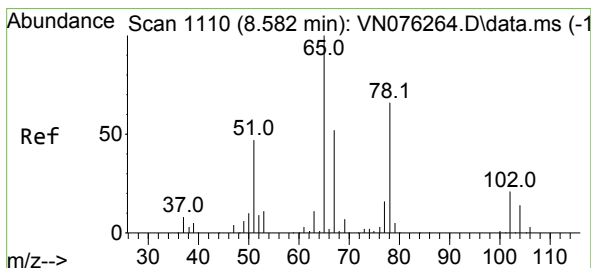
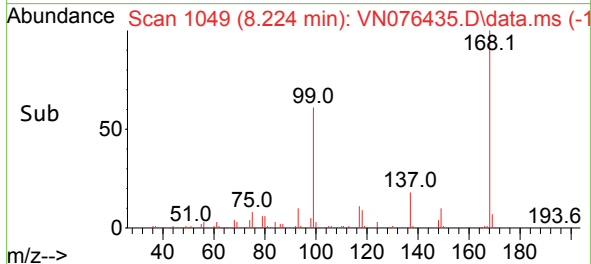
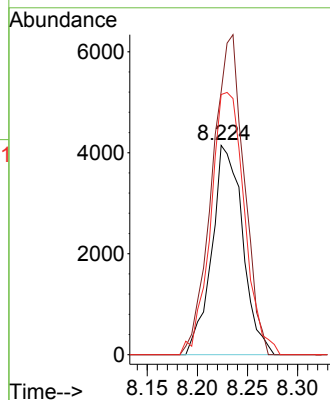
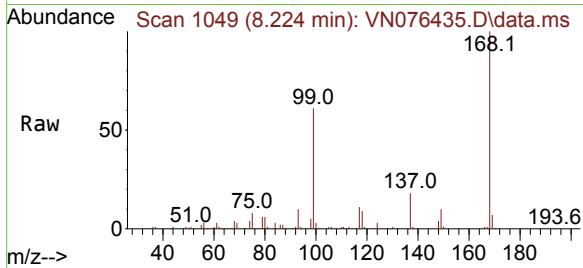




#31
Cyclohexane
Concen: 1.237 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN076435.D
Acq: 27 Jan 2023 13:23

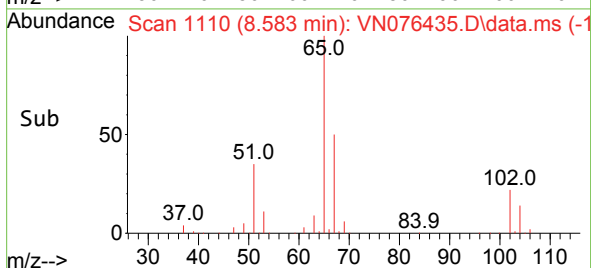
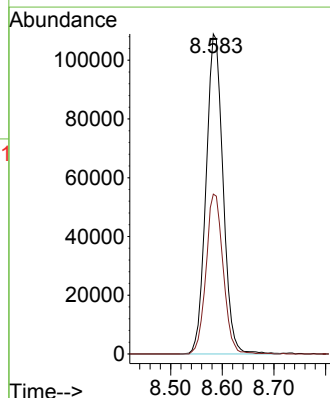
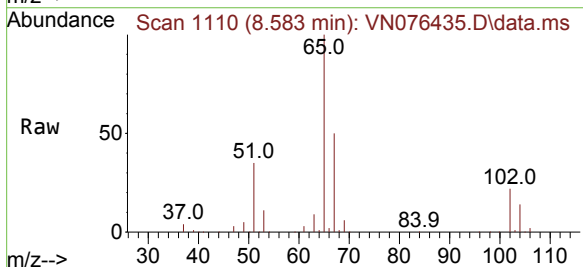
Instrument :
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ClientSampleId :
STORAGE-BLANK-WATER-REF-5

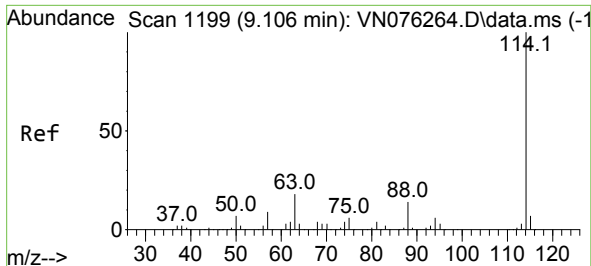
Tgt Ion: 56 Resp: 8850
Ion Ratio Lower Upper
56 100
69 125.6 25.8 38.8#
84 124.3 79.0 118.4#



#33
1,2-Dichloroethane-d4
Concen: 53.321 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076435.D
Acq: 27 Jan 2023 13:23

Tgt Ion: 65 Resp: 248312
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.6

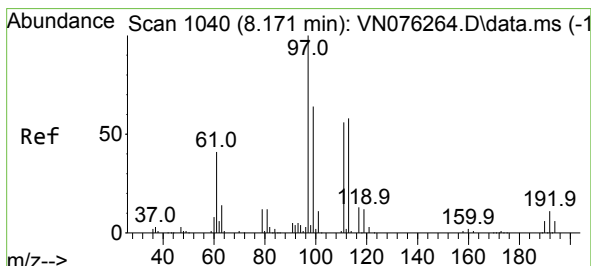
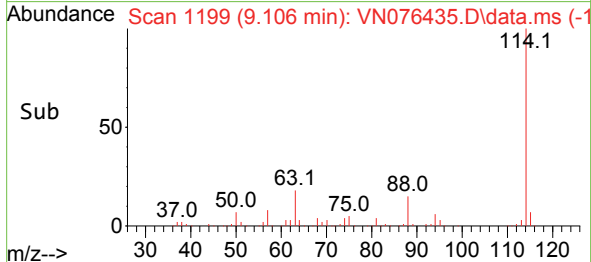
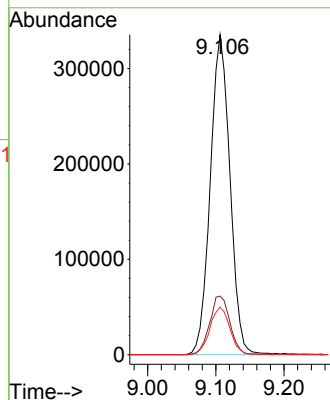
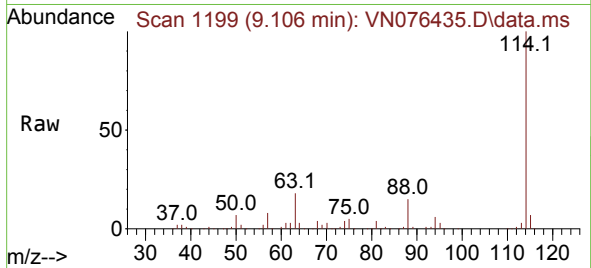




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076435.D
Acq: 27 Jan 2023 13:23

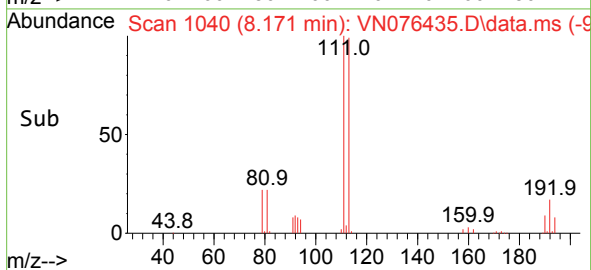
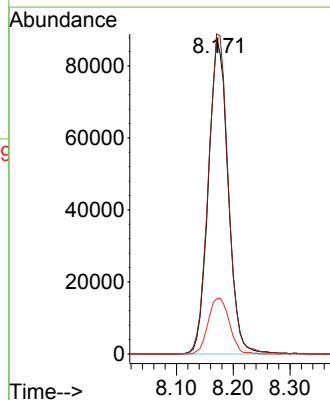
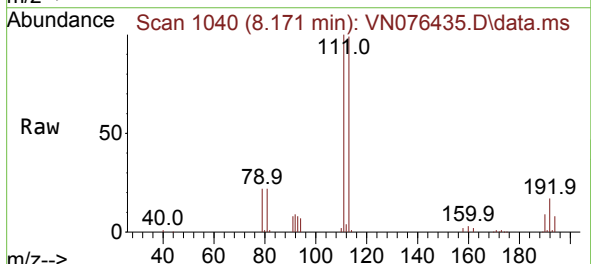
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

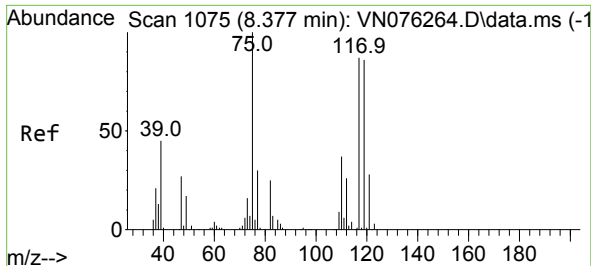
Tgt Ion:114 Resp: 673653
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.8
88 14.9 0.0 28.0



#35
Dibromofluoromethane
Concen: 50.018 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076435.D
Acq: 27 Jan 2023 13:23

Tgt Ion:113 Resp: 210775
Ion Ratio Lower Upper
113 100
111 102.7 82.7 124.1
192 19.0 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.445 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076435.D

Acq: 27 Jan 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

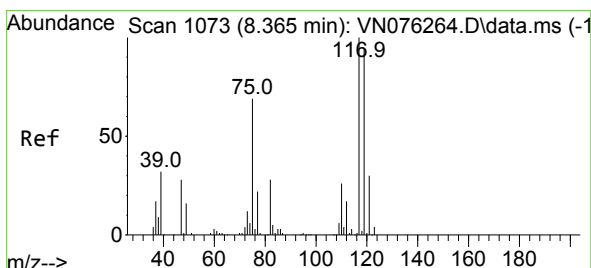
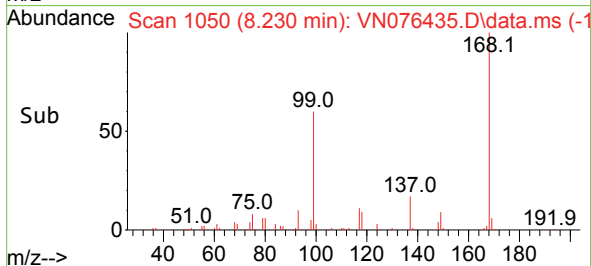
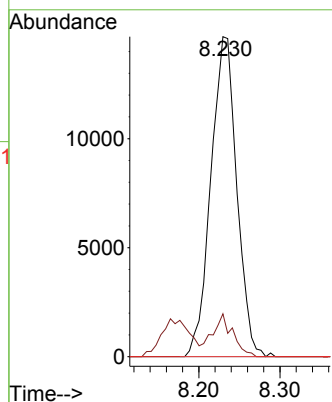
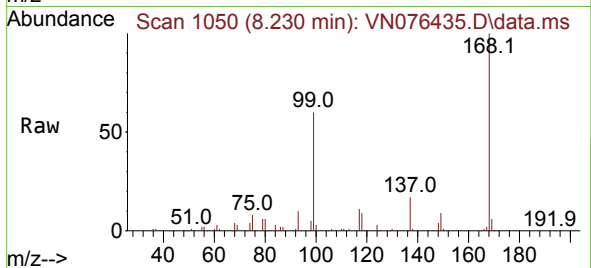
Tgt Ion: 75 Resp: 32607

Ion Ratio Lower Upper

75 100

110 10.7 18.8 56.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.482 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN076435.D

Acq: 27 Jan 2023 13:23

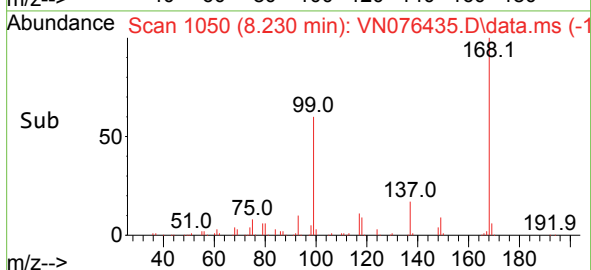
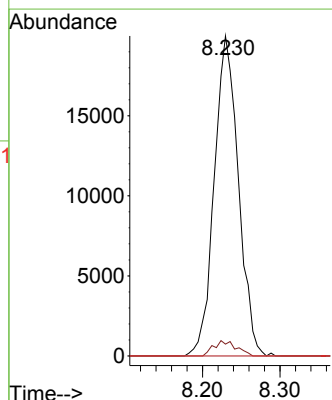
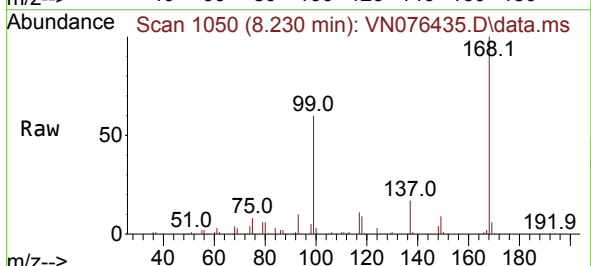
Tgt Ion: 117 Resp: 43284

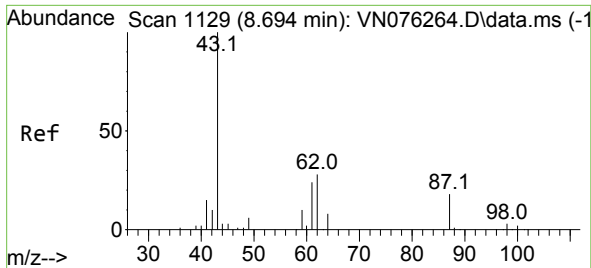
Ion Ratio Lower Upper

117 100

119 3.7 75.4 113.0#

121 0.0 24.2 36.2#

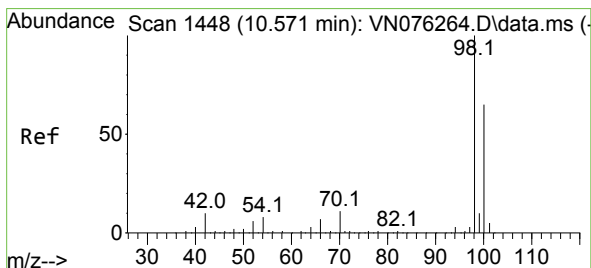
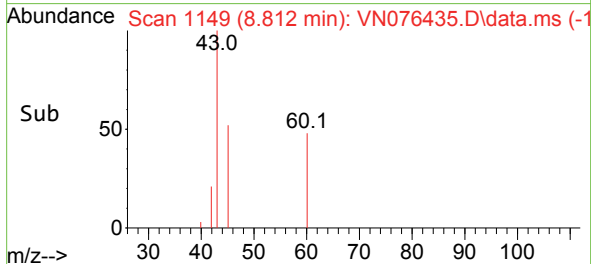
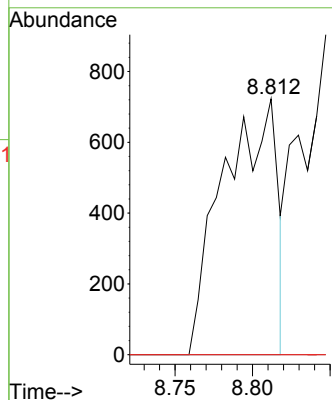
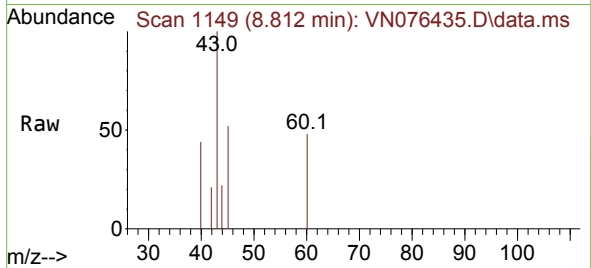




#43
Isopropyl Acetate
Concen: 0.224 ug/l
RT: 8.812 min Scan# 1149
Delta R.T. 0.118 min
Lab File: VN076435.D
Acq: 27 Jan 2023 13:23

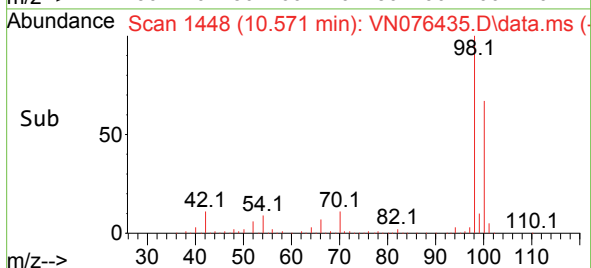
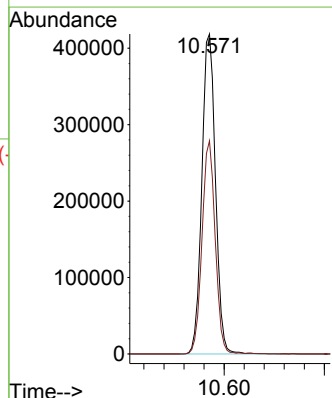
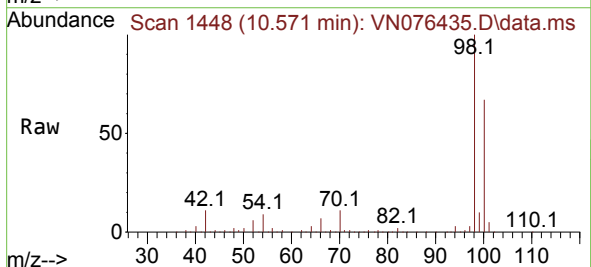
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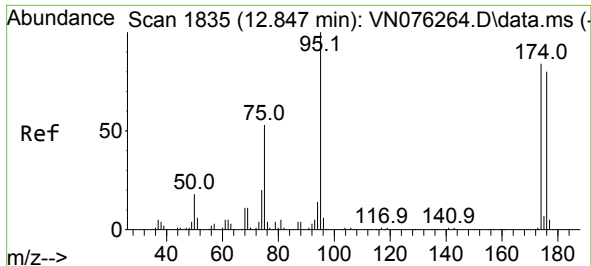
Tgt Ion: 43 Resp: 1749
Ion Ratio Lower Upper
43 100
61 0.0 23.5 35.3#
87 0.0 13.8 20.6#



#50
Toluene-d8
Concen: 50.665 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076435.D
Acq: 27 Jan 2023 13:23

Tgt Ion: 98 Resp: 788486
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4

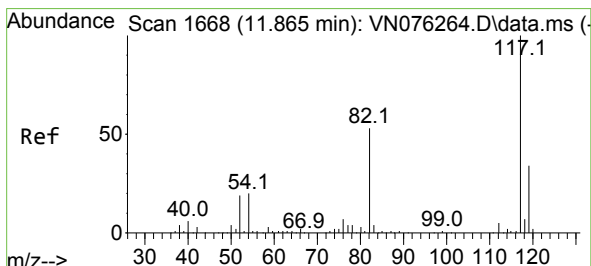
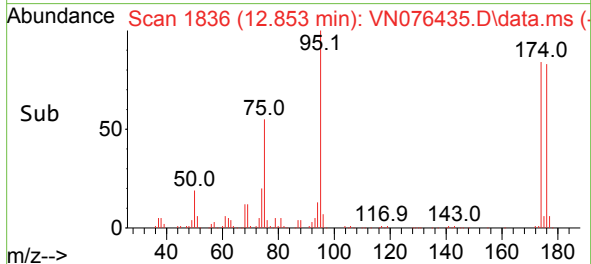
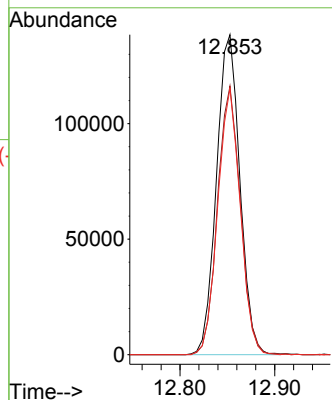
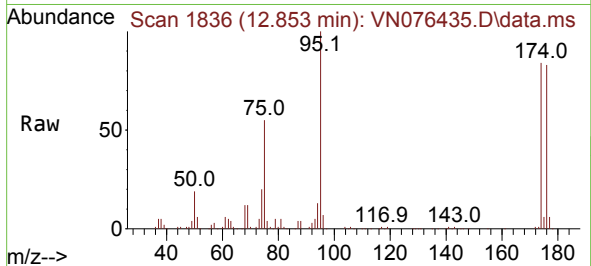




#62
4-Bromofluorobenzene
Concen: 46.845 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076435.D
Acq: 27 Jan 2023 13:23

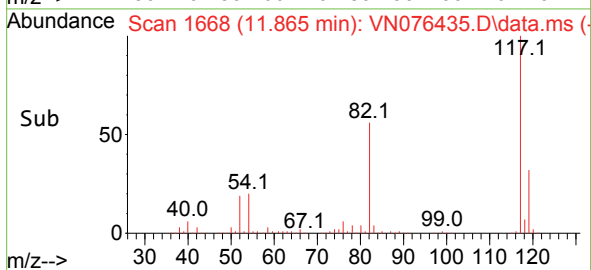
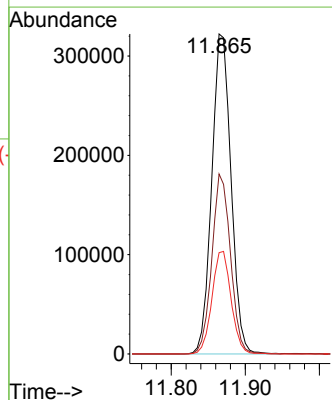
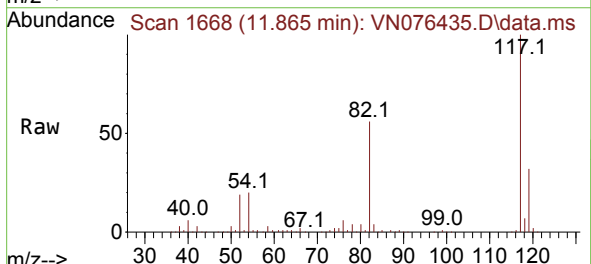
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STORAGE-BLANK-WATER-REF-5

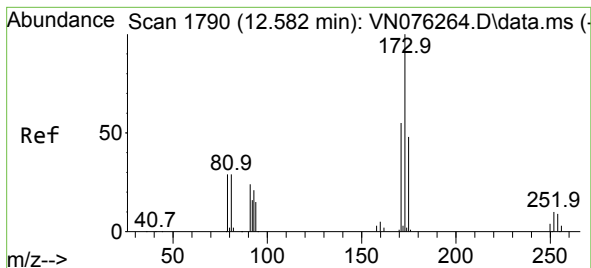
Tgt Ion: 95 Resp: 237998
Ion Ratio Lower Upper
95 100
174 82.3 0.0 174.6
176 79.9 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076435.D
Acq: 27 Jan 2023 13:23

Tgt Ion: 117 Resp: 582391
Ion Ratio Lower Upper
117 100
82 56.2 42.2 63.2
119 31.6 26.9 40.3





#71

Bromoform

Concen: 0.512 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN076435.D

Acq: 27 Jan 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

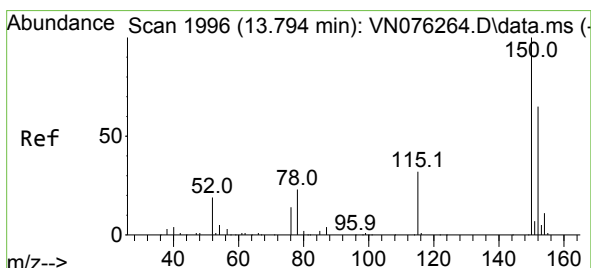
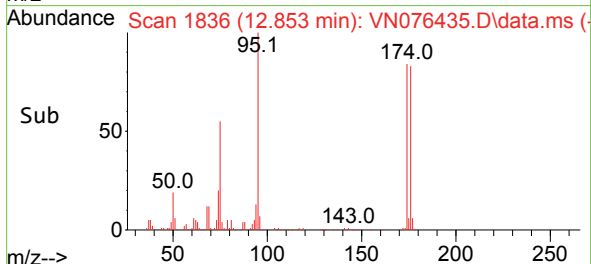
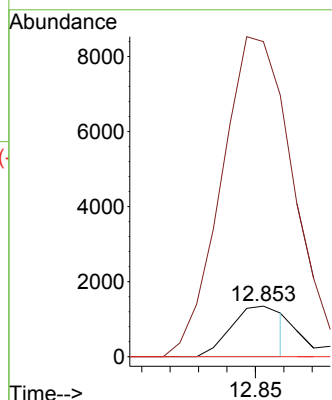
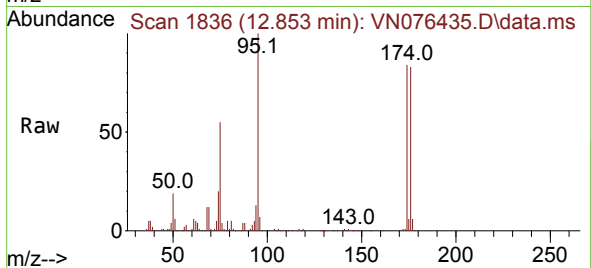
Tgt Ion:173 Resp: 1693

Ion Ratio Lower Upper

173 100

175 735.3 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: VN076435.D

Acq: 27 Jan 2023 13:23

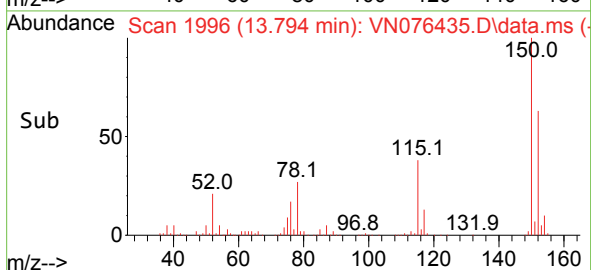
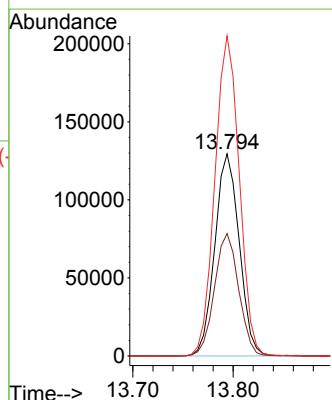
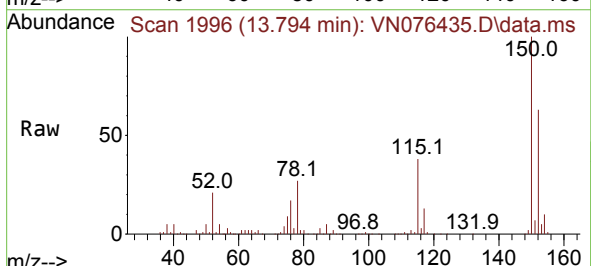
Tgt Ion:152 Resp: 218854

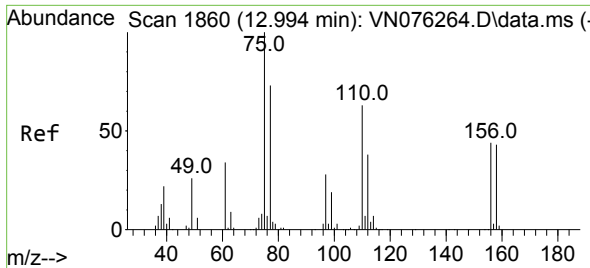
Ion Ratio Lower Upper

152 100

115 60.2 29.6 88.9

150 158.3 0.0 351.4

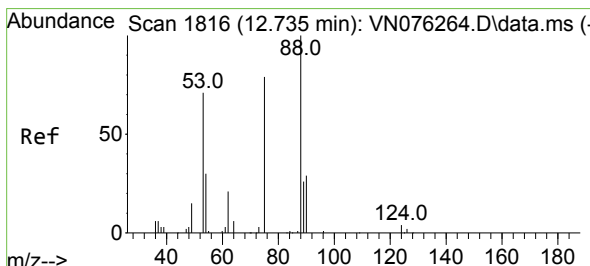
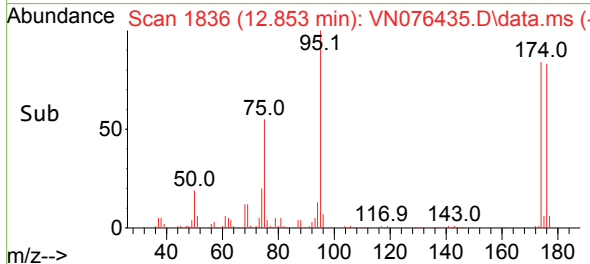
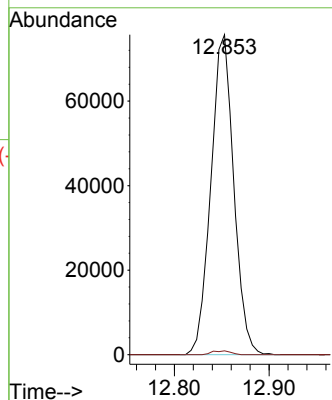
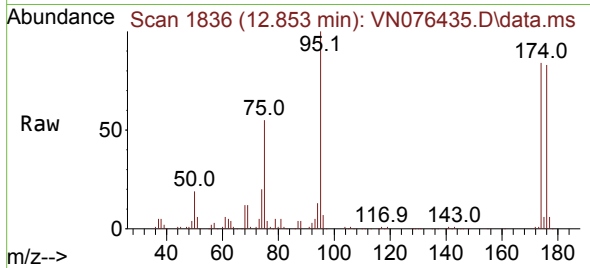




#76
1,2,3-Trichloropropane
Concen: 31.538 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076435.D
Acq: 27 Jan 2023 13:23

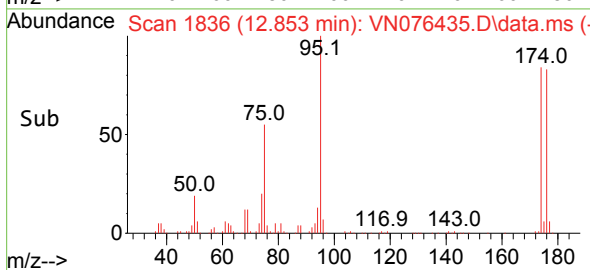
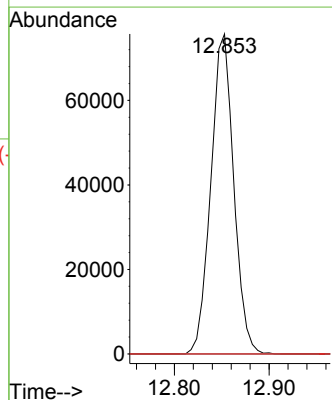
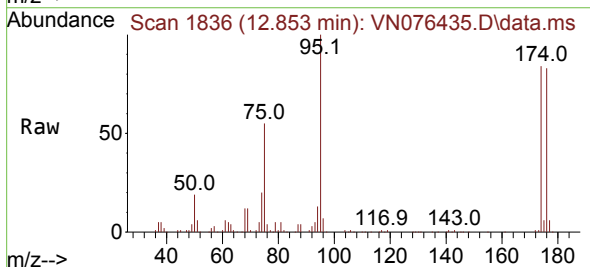
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

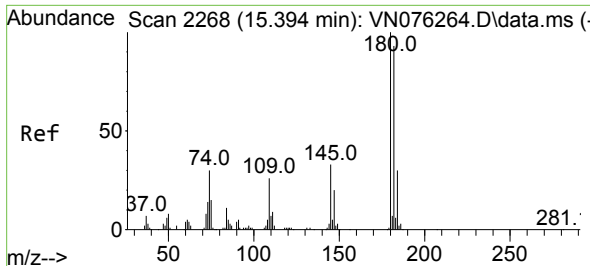
Tgt Ion: 75 Resp: 127135
Ion Ratio Lower Upper
75 100
77 1.0 75.2 225.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.654 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076435.D
Acq: 27 Jan 2023 13:23

Tgt Ion: 75 Resp: 127135
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#

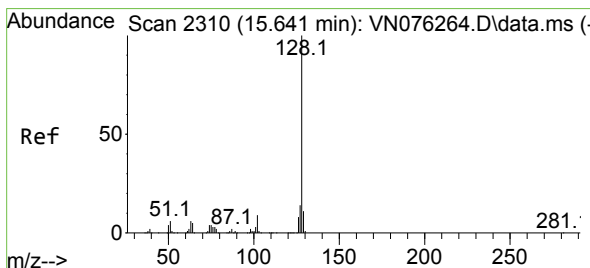
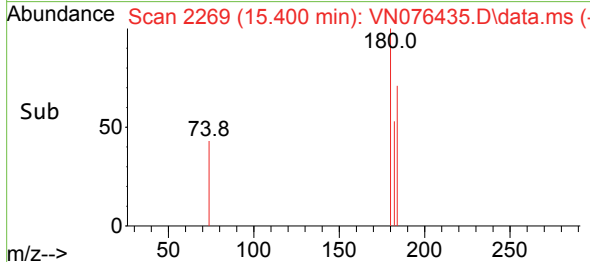
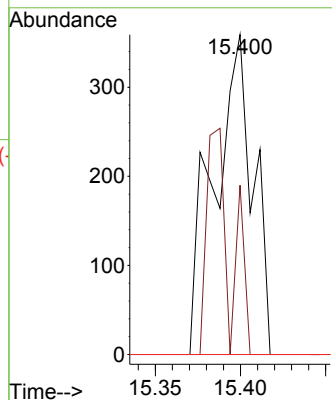
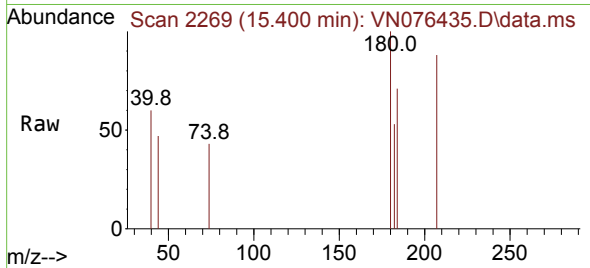




#93
1,2,4-Trichlorobenzene
Concen: 1.451 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076435.D
Acq: 27 Jan 2023 13:23

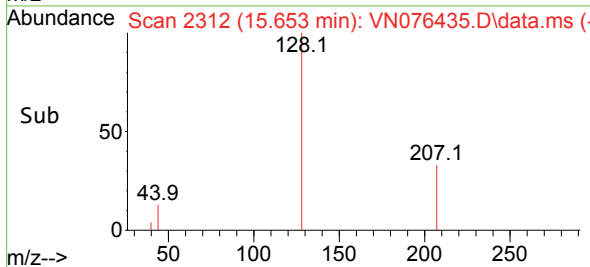
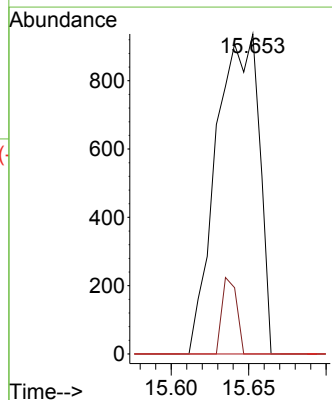
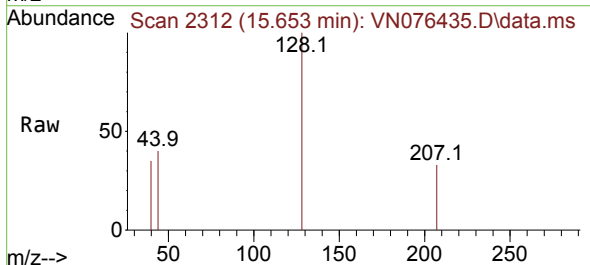
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

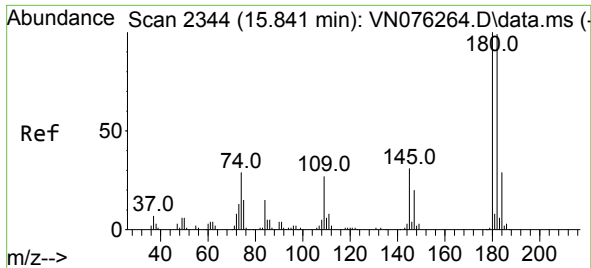
Tgt Ion:180 Resp: 575
Ion Ratio Lower Upper
180 100
182 42.4 47.0 141.2#
145 0.0 15.2 45.5#



#95
Naphthalene
Concen: 1.991 ug/l
RT: 15.653 min Scan# 2312
Delta R.T. 0.012 min
Lab File: VN076435.D
Acq: 27 Jan 2023 13:23

Tgt Ion:128 Resp: 1797
Ion Ratio Lower Upper
128 100
127 8.2 10.3 15.5#
129 0.0 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 1.195 ug/l

RT: 15.859 min Scan# 21

Delta R.T. 0.018 min

Lab File: VN076435.D

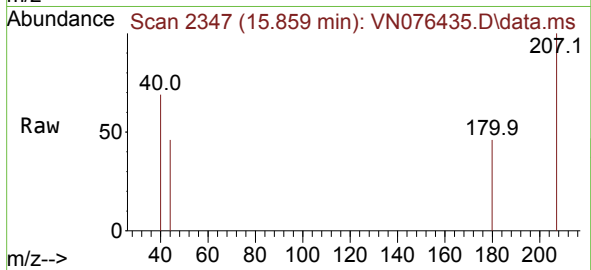
Acq: 27 Jan 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



Tgt Ion:180 Resp: 153

Ion Ratio Lower Upper

180 100

182 330.1 47.5 142.5#

145 40.5 15.9 47.6

