

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076225.D
 Acq On : 12 Jan 2023 13:03
 Operator : JC\MD
 Sample : 01130-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230111038-07-TRIP-BLANK

Quant Time: Jan 13 01:58:02 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)

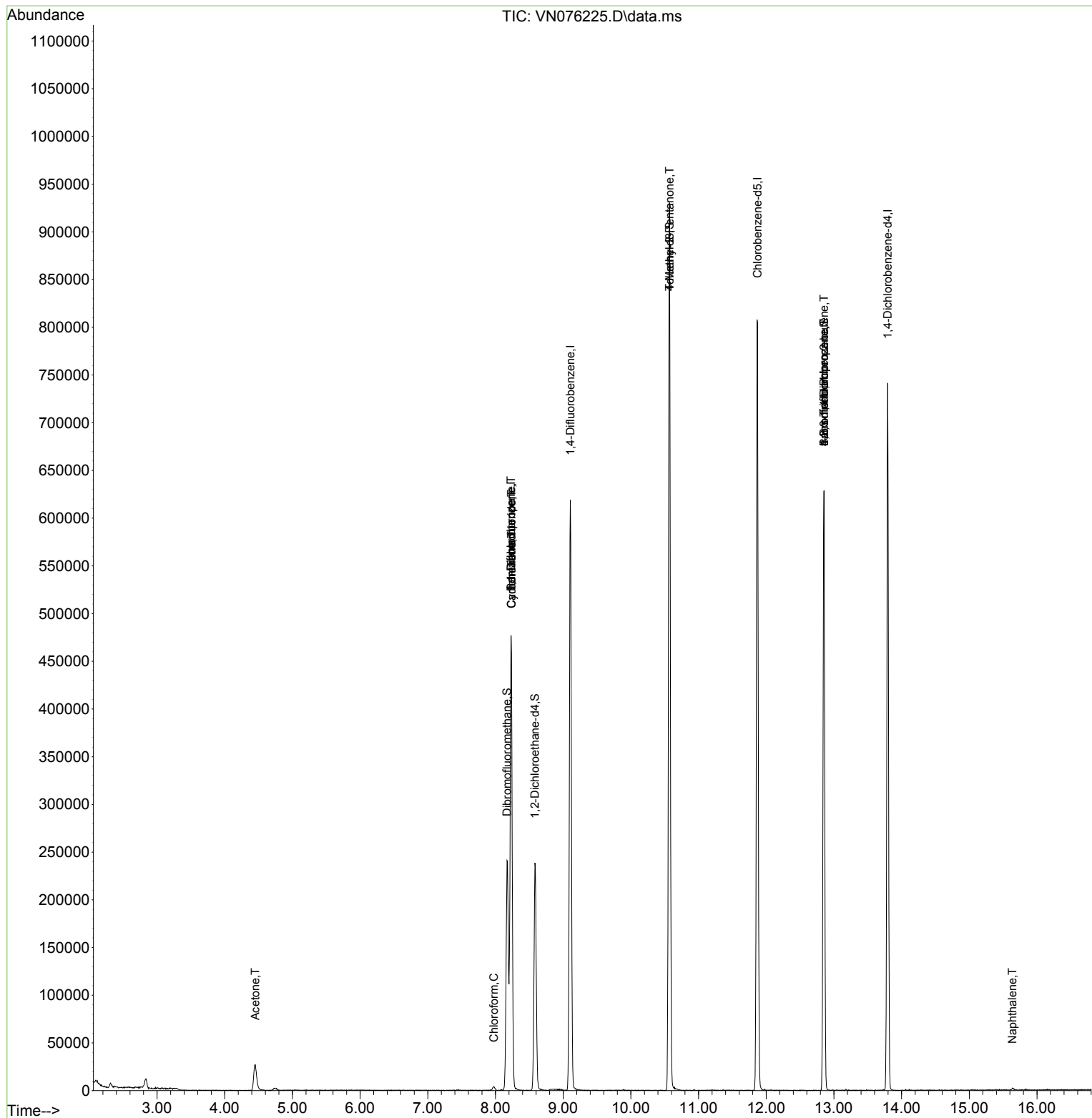
Internal Standards						
1) Pentafluorobenzene	8.230	168	367660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	576456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	503013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	191424	47.858	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.720%
35) Dibromofluoromethane	8.171	113	173448	48.586	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.180%
50) Toluene-d8	10.571	98	664798	49.807	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.853	95	207018	46.828	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.660%
Target Compounds						
					Qvalue	
16) Acetone	4.454	43	55307	40.112	ug/l	96
20) Methylene Chloride	5.289	84	127	Below Cal	#	12
30) Chloroform	7.977	83	4438	0.639	ug/l	98
31) Cyclohexane	8.236	56	6952	1.214	ug/l	# 16
36) 1,1-Dichloropropene	8.230	75	26060	5.495	ug/l	# 48
38) Carbon Tetrachloride	8.236	117	35704	6.727	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.571	43	2308	0.607	ug/l	# 1
71) Bromoform	12.853	173	1282	0.461	ug/l	# 1
76) 1,2,3-Trichloropropane	12.853	75	107690	25.402	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	107690	91.434	ug/l	# 12
95) Naphthalene	15.635	128	2385	2.377	ug/l	# 87

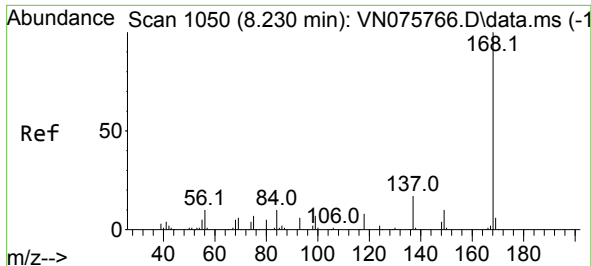
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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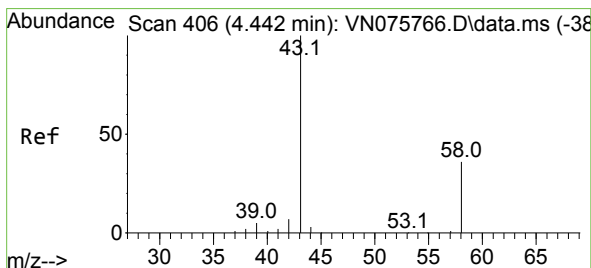
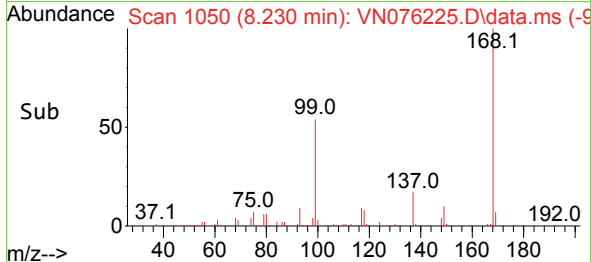
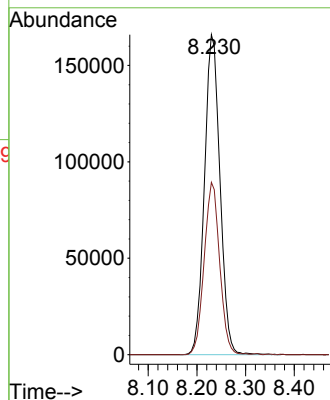
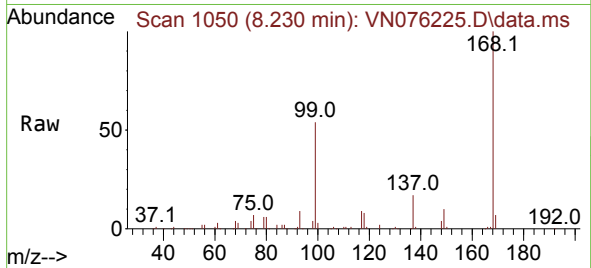




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076225.D
Acq: 12 Jan 2023 13:03

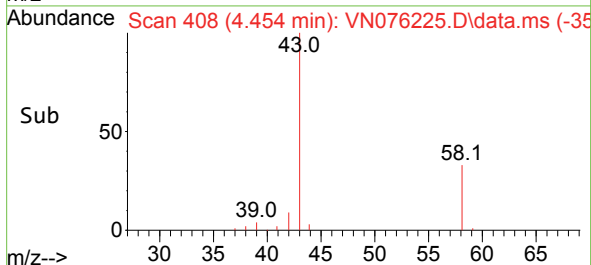
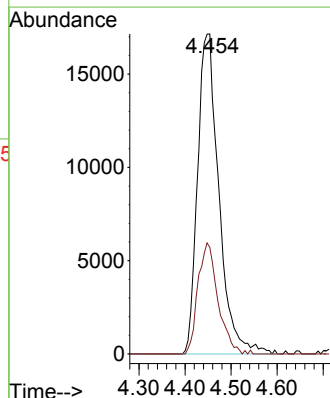
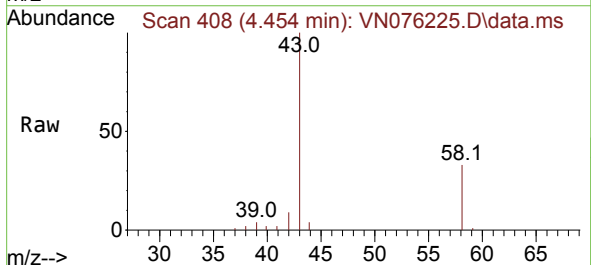
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MSVOA_N
ClientSampleId :
230111038-07-TRIP-BLANK

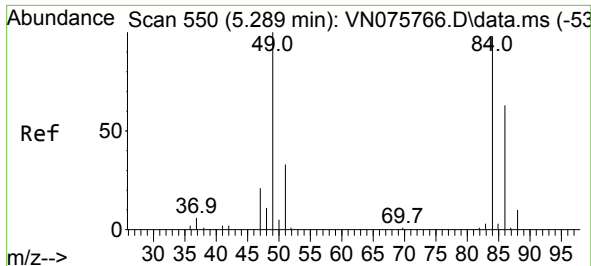
Tgt Ion:168 Resp: 367660
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#16
Acetone
Concen: 40.112 ug/l
RT: 4.454 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076225.D
Acq: 12 Jan 2023 13:03

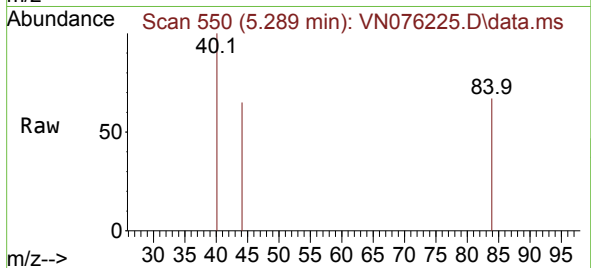
Tgt Ion: 43 Resp: 55307
Ion Ratio Lower Upper
43 100
58 33.3 28.6 43.0



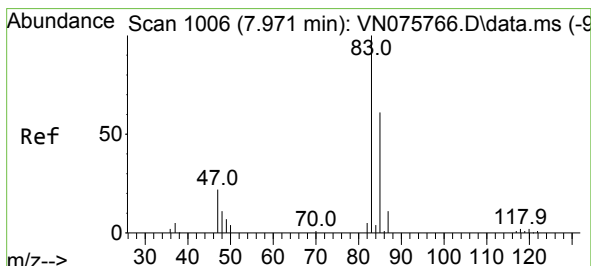
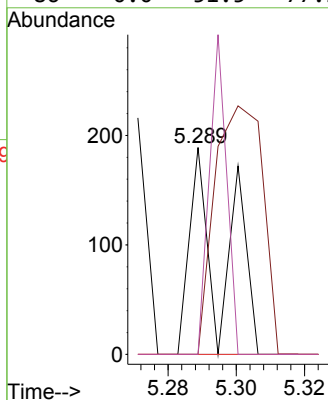
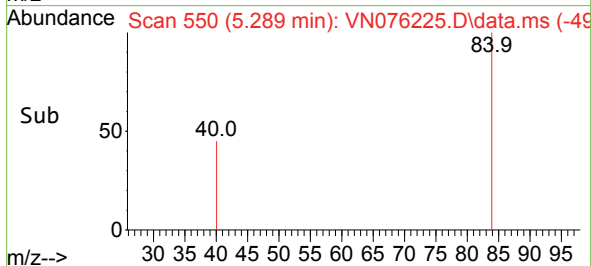


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076225.D
Acq: 12 Jan 2023 13:03

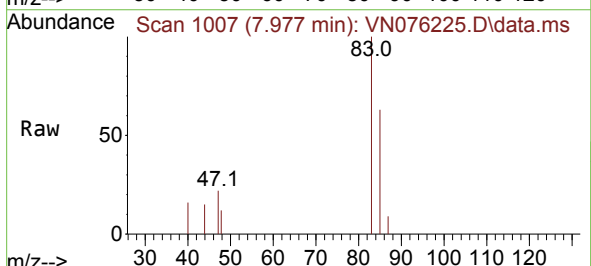
Instrument :
MSVOA_N
ClientSampleId :
230111038-07-TRIP-BLANK



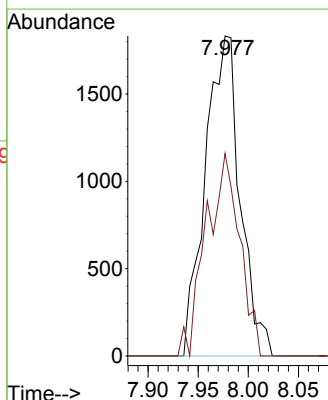
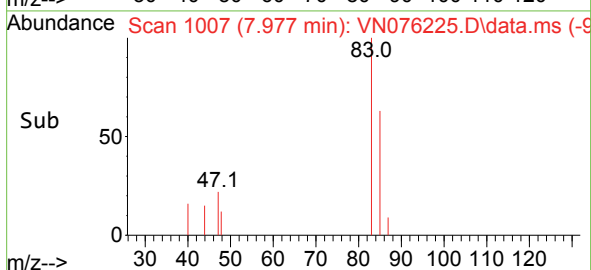
Tgt Ion: 84 Resp: 127
Ion Ratio Lower Upper
84 100
49 0.0 81.8 122.6#
51 0.0 26.7 40.1#
86 0.0 51.5 77.3#

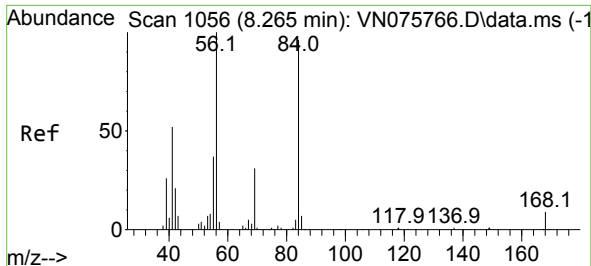


#30
Chloroform
Concen: 0.639 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN076225.D
Acq: 12 Jan 2023 13:03



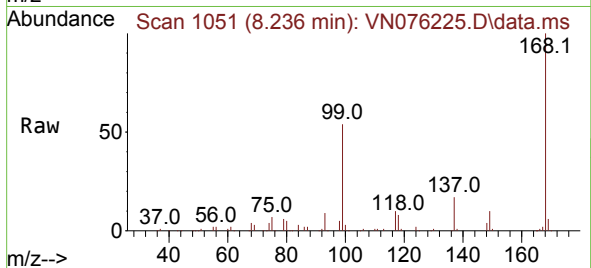
Tgt Ion: 83 Resp: 4438
Ion Ratio Lower Upper
83 100
85 63.2 49.1 73.7



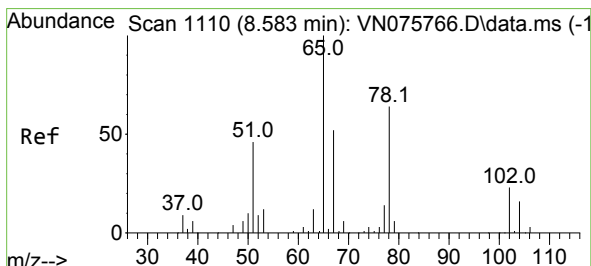
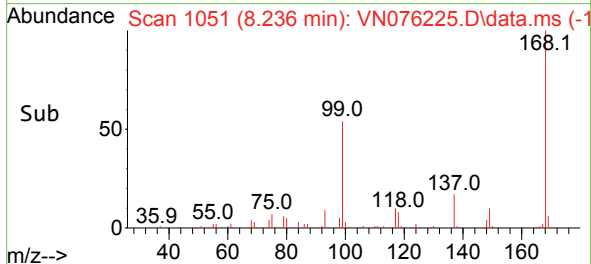
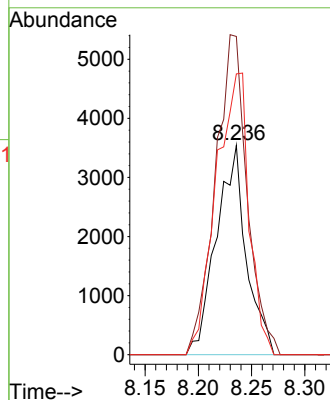


#31
Cyclohexane
Concen: 1.214 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.029 min
Lab File: VN076225.D
Acq: 12 Jan 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
230111038-07-TRIP-BLANK

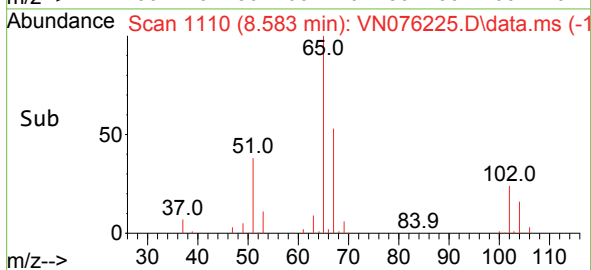
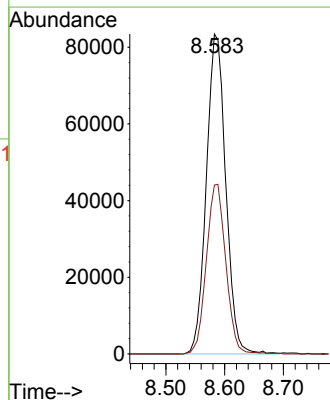
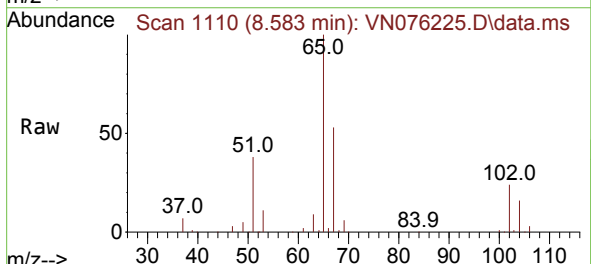


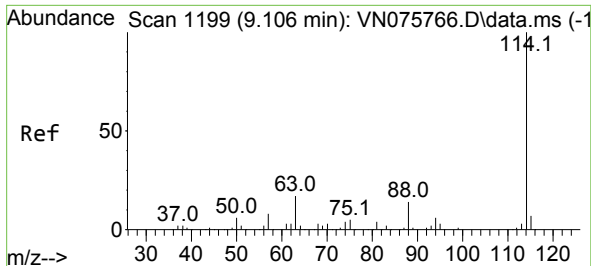
Tgt Ion: 56 Resp: 6952
Ion Ratio Lower Upper
56 100
69 152.0 24.7 37.1#
84 134.1 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 47.858 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076225.D
Acq: 12 Jan 2023 13:03

Tgt Ion: 65 Resp: 191424
Ion Ratio Lower Upper
65 100
67 53.1 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: VN076225.D

Acq: 12 Jan 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

230111038-07-TRIP-BLANK

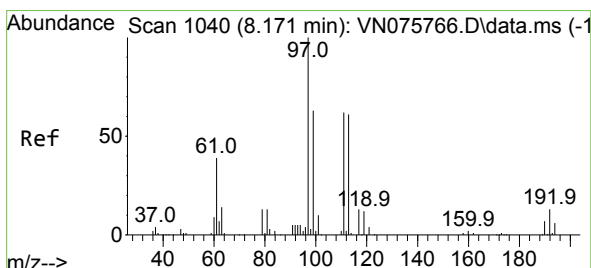
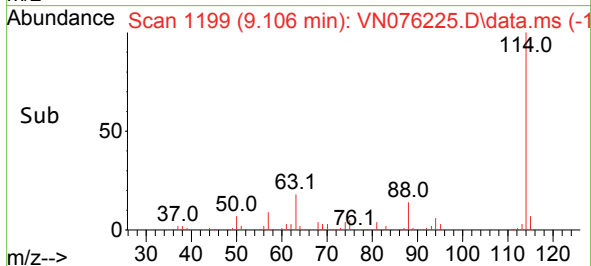
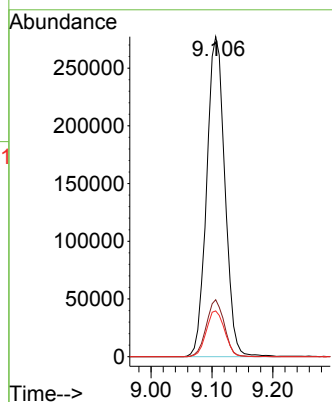
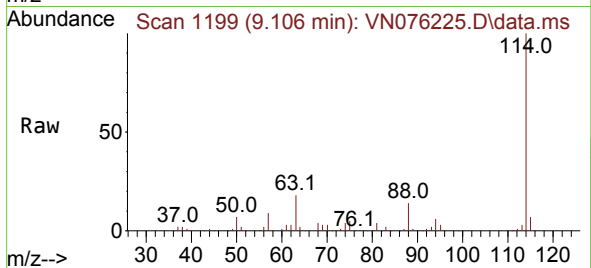
Tgt Ion:114 Resp: 576456

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.586 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076225.D

Acq: 12 Jan 2023 13:03

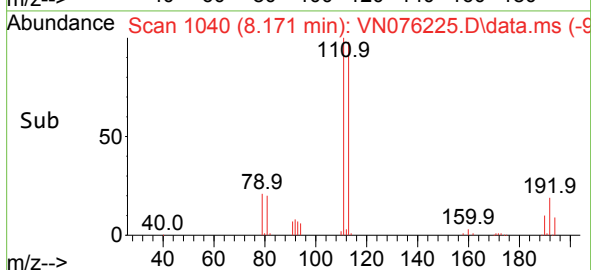
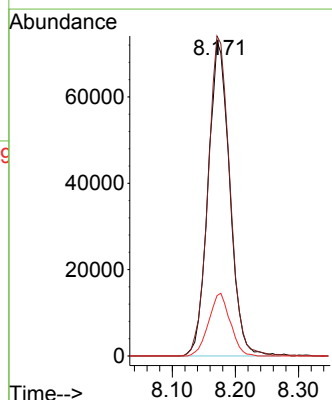
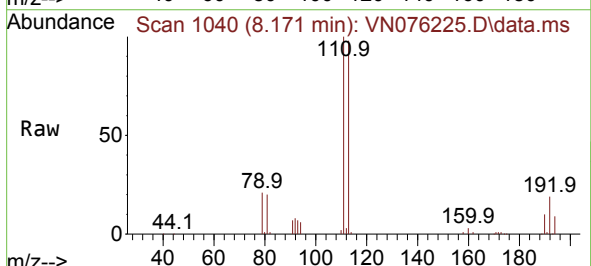
Tgt Ion:113 Resp: 173448

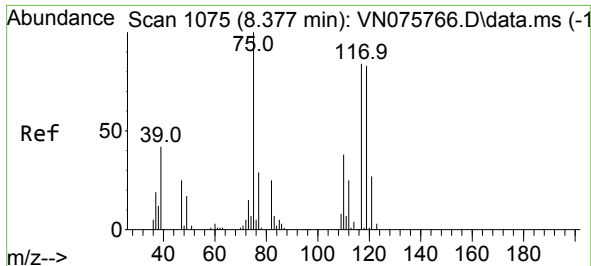
Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 19.8 16.1 24.1

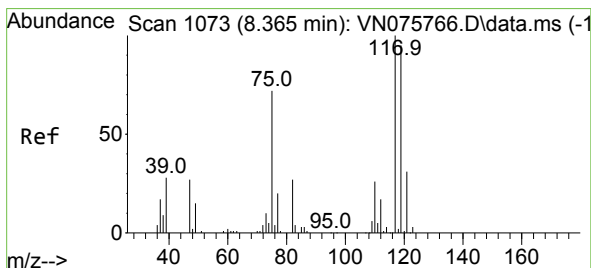
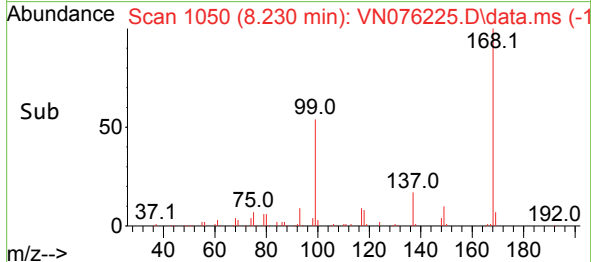
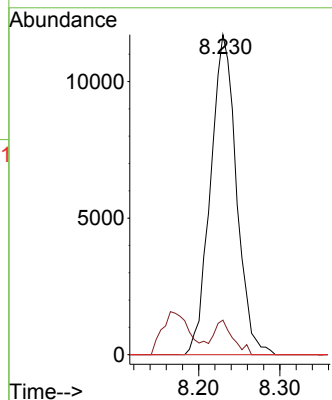
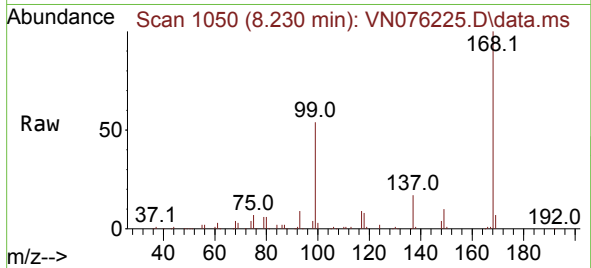




#36
 1,1-Dichloropropene
 Concen: 5.495 ug/l
 RT: 8.230 min Scan# 1050
 Delta R.T. -0.147 min
 Lab File: VN076225.D
 Acq: 12 Jan 2023 13:03

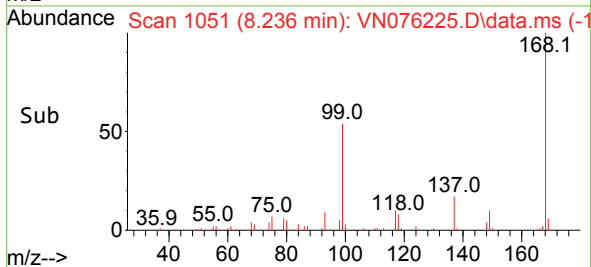
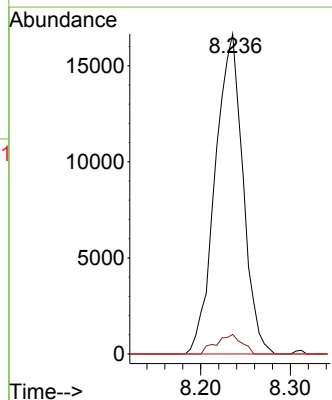
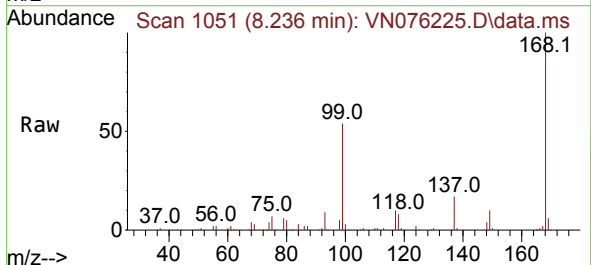
Instrument : MSVOA_N
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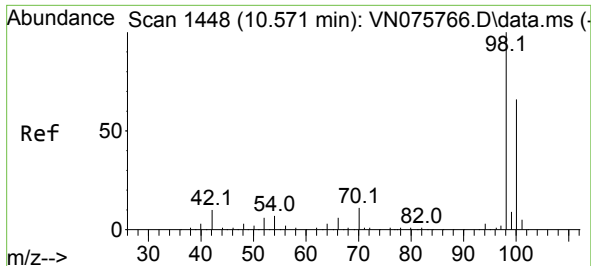
Tgt Ion: 75 Resp: 26060
 Ion Ratio Lower Upper
 75 100
 110 7.6 18.8 56.4#
 77 0.0 24.1 36.1#



#38
 Carbon Tetrachloride
 Concen: 6.727 ug/l
 RT: 8.236 min Scan# 1051
 Delta R.T. -0.129 min
 Lab File: VN076225.D
 Acq: 12 Jan 2023 13:03

Tgt Ion: 117 Resp: 35704
 Ion Ratio Lower Upper
 117 100
 119 6.1 76.1 114.1#
 121 0.0 24.5 36.7#

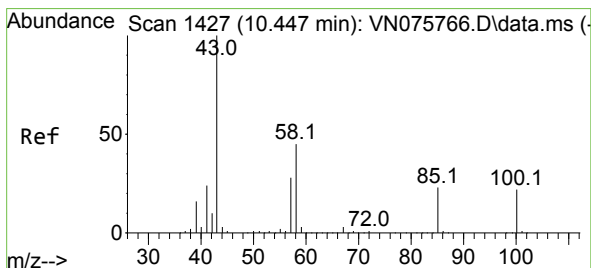
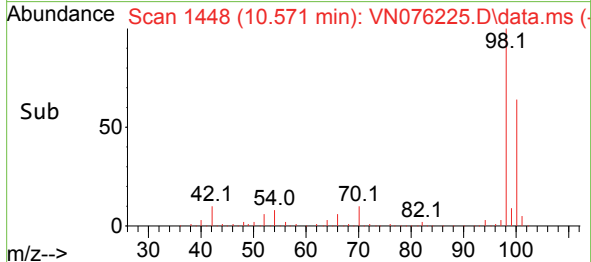
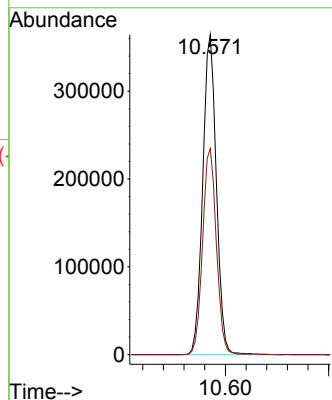
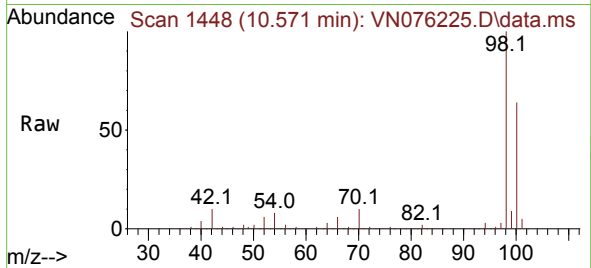




#50
Toluene-d8
Concen: 49.807 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076225.D
Acq: 12 Jan 2023 13:03

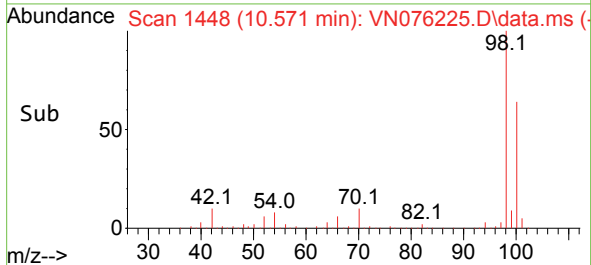
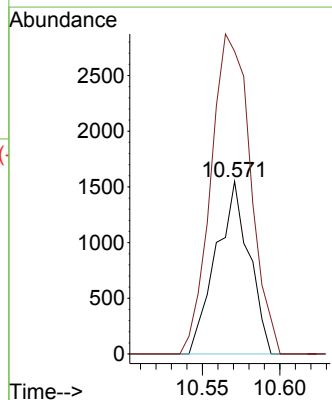
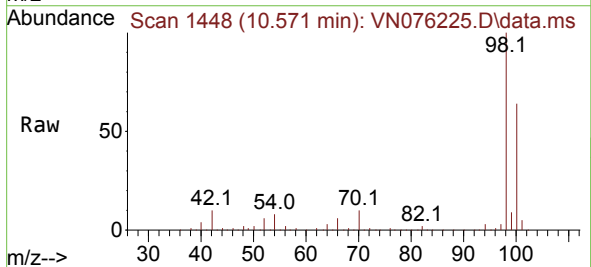
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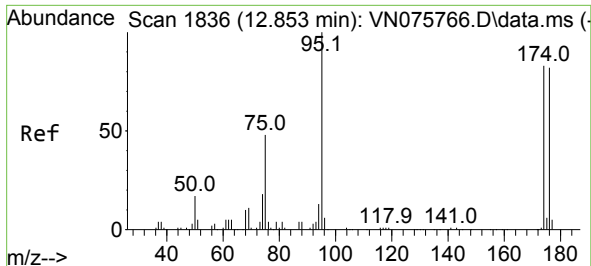
Tgt Ion: 98 Resp: 664798
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN076225.D
Acq: 12 Jan 2023 13:03

Tgt Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
58 221.1 35.5 53.3#

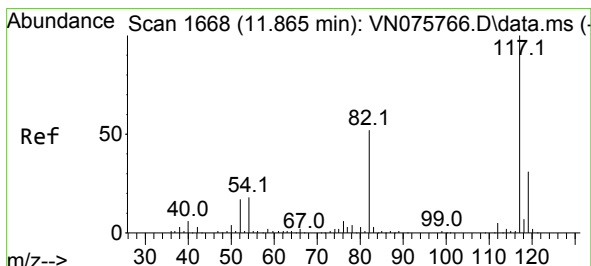
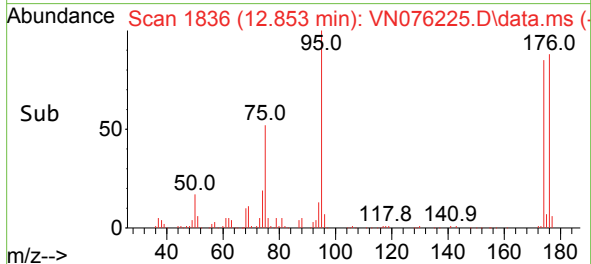
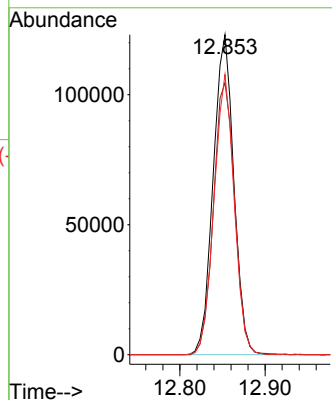
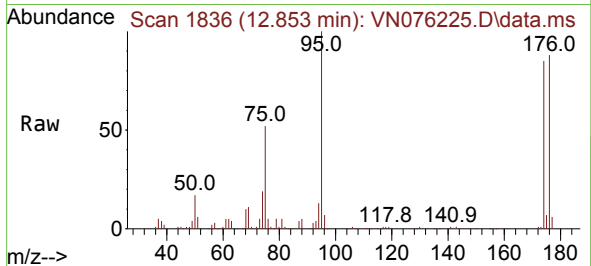




#62
4-Bromofluorobenzene
Concen: 46.828 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076225.D
Acq: 12 Jan 2023 13:03

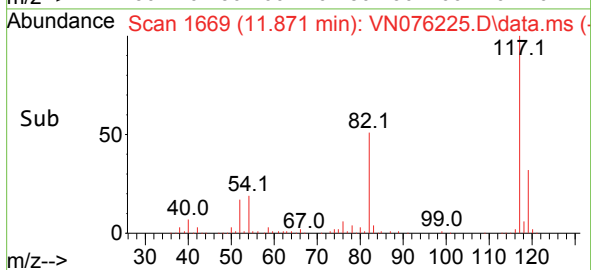
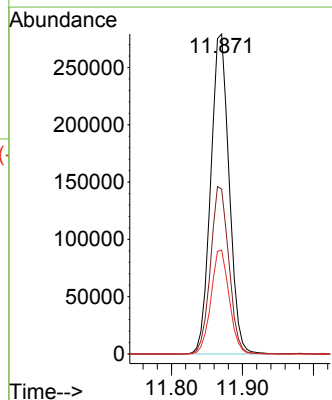
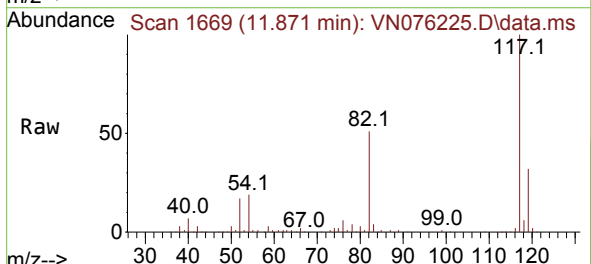
Instrument :
MSVOA_N
ClientSampleId :
230111038-07-TRIP-BLANK

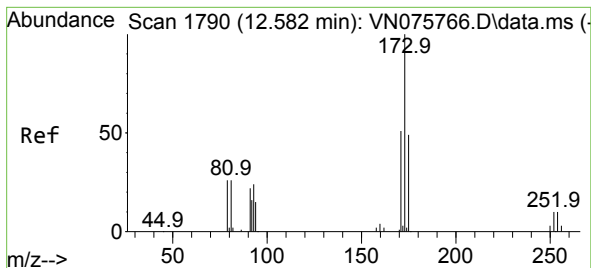
Tgt Ion: 95 Resp: 207018
Ion Ratio Lower Upper
95 100
174 87.5 0.0 171.6
176 85.6 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076225.D
Acq: 12 Jan 2023 13:03

Tgt Ion: 117 Resp: 503013
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 32.4 24.6 37.0





#71

Bromoform

Concen: 0.461 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN076225.D

Acq: 12 Jan 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

230111038-07-TRIP-BLANK

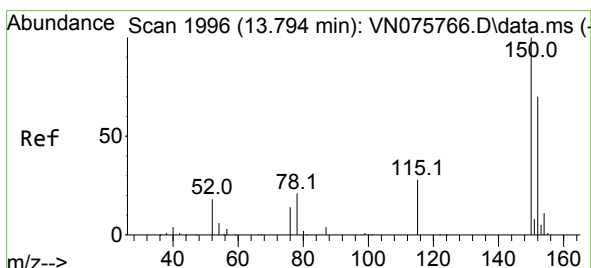
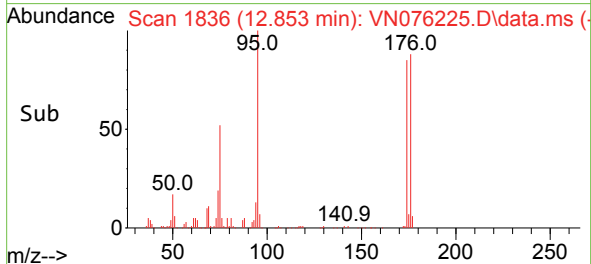
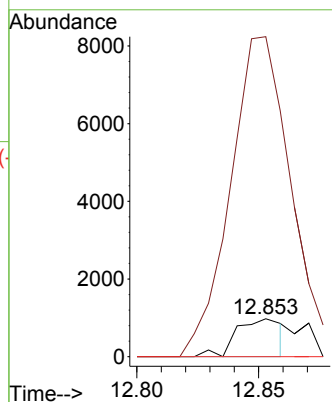
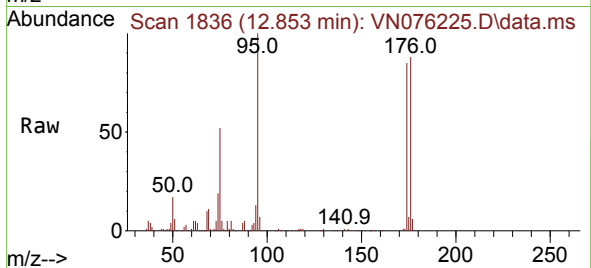
Tgt Ion:173 Resp: 1282

Ion Ratio Lower Upper

173 100

175 919.3 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: VN076225.D

Acq: 12 Jan 2023 13:03

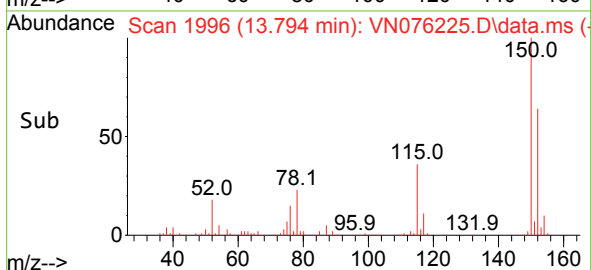
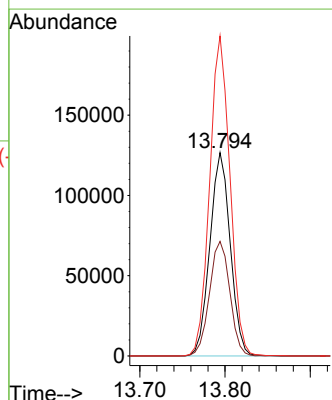
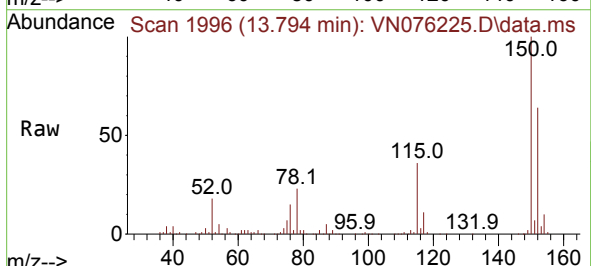
Tgt Ion:152 Resp: 210315

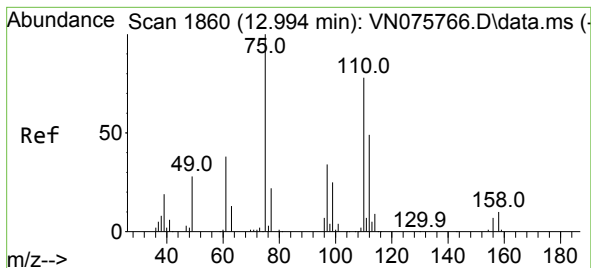
Ion Ratio Lower Upper

152 100

115 56.4 29.1 87.4

150 156.6 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 25.402 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076225.D

Acq: 12 Jan 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

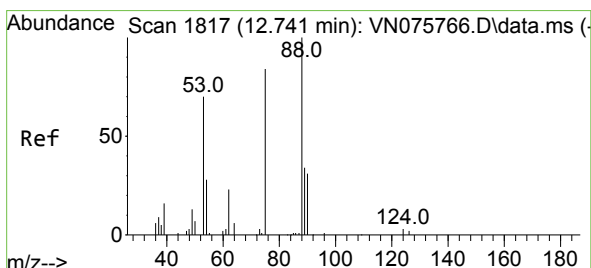
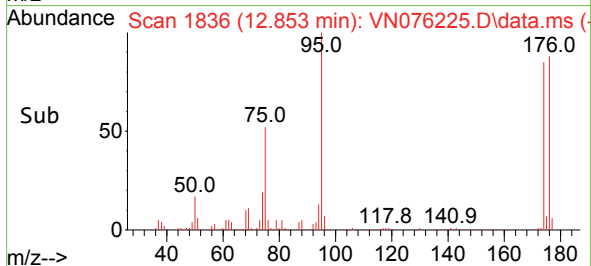
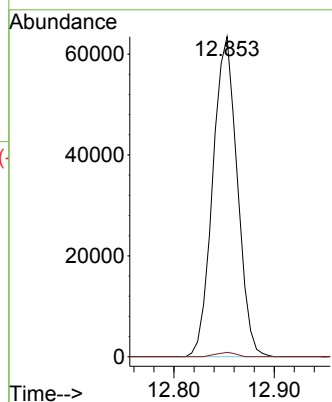
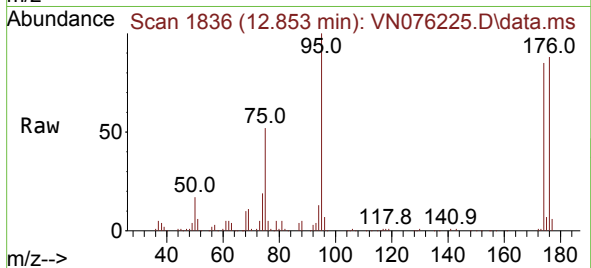
230111038-07-TRIP-BLANK

Tgt Ion: 75 Resp: 107690

Ion Ratio Lower Upper

75 100

77 1.1 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.434 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN076225.D

Acq: 12 Jan 2023 13:03

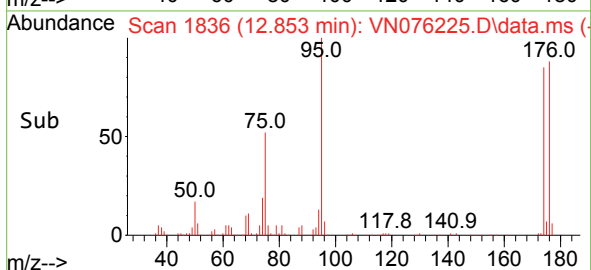
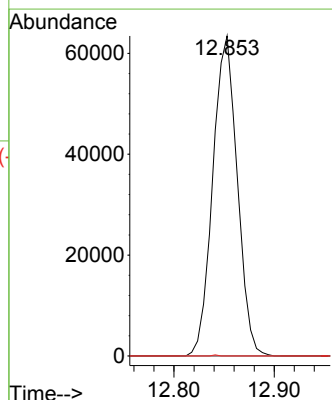
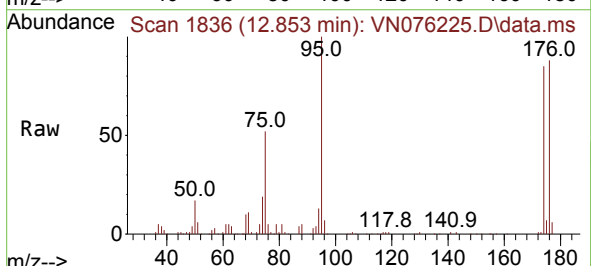
Tgt Ion: 75 Resp: 107690

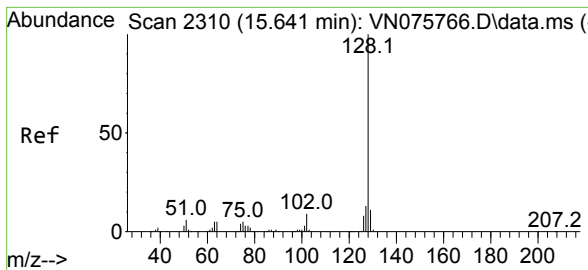
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

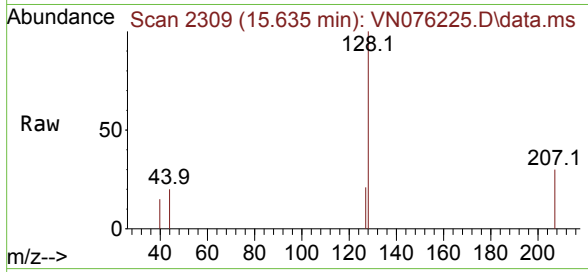
89 0.1 39.5 59.3#





#95
Naphthalene
Concen: 2.377 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN076225.D
Acq: 12 Jan 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
230111038-07-TRIP-BLANK



Tgt Ion:128 Resp: 2385
Ion Ratio Lower Upper
128 100
127 7.1 10.4 15.6#
129 6.5 8.7 13.1#

