

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076664.D
 Acq On : 14 Feb 2023 16:36
 Operator : JC\MD
 Sample : 01552-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

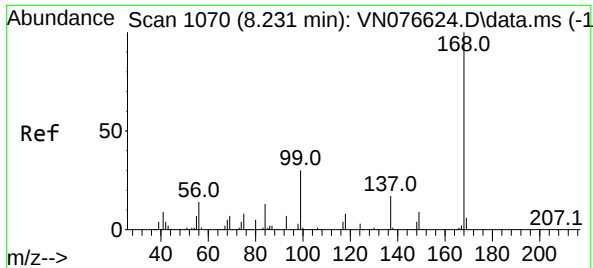
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-1

Quant Time: Feb 15 03:15:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	296975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	532847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	473666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	187082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	210669	51.373	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.740%	
35) Dibromofluoromethane	8.172	113	163933	46.979	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.960%	
50) Toluene-d8	10.571	98	649735	49.858	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	12.854	95	195487	45.292	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.978	94	841	0.343	ug/l #	76
16) Acetone	4.431	43	552	0.301	ug/l #	42
20) Methylene Chloride	5.301	84	1500	0.391	ug/l #	51
31) Cyclohexane	8.224	56	9050	1.407	ug/l #	49
36) 1,1-Dichloropropene	8.224	75	25954	5.148	ug/l #	50
38) Carbon Tetrachloride	8.230	117	32348	6.360	ug/l #	18
43) Isopropyl Acetate	8.701	43	4917	0.570	ug/l #	56
71) Bromoform	12.848	173	1489	0.557	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	107724	28.481	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	107724	82.954	ug/l #	4

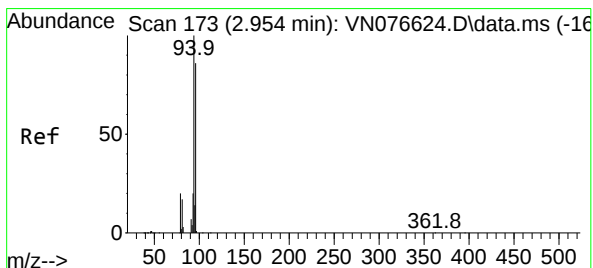
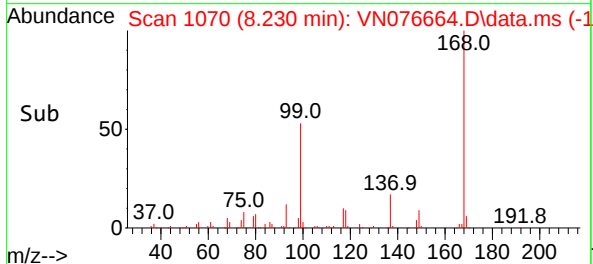
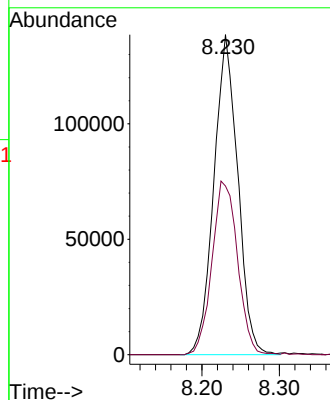
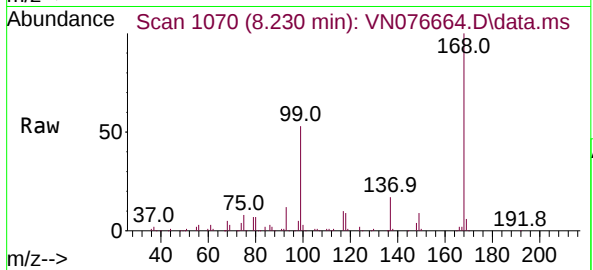
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN076664.D
Acq: 14 Feb 2023 16:36

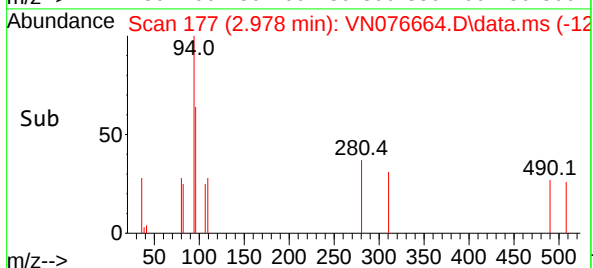
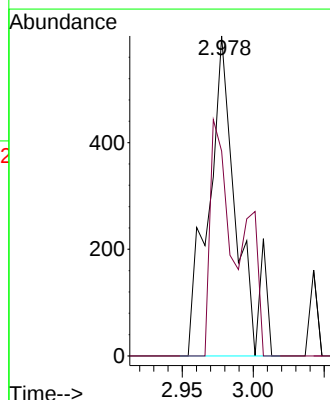
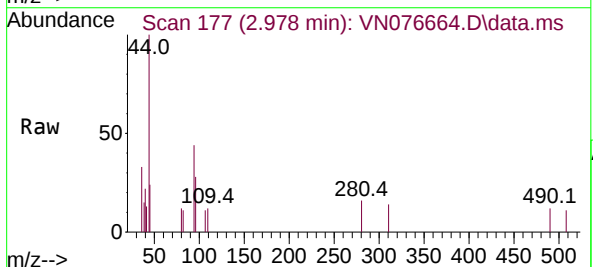
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

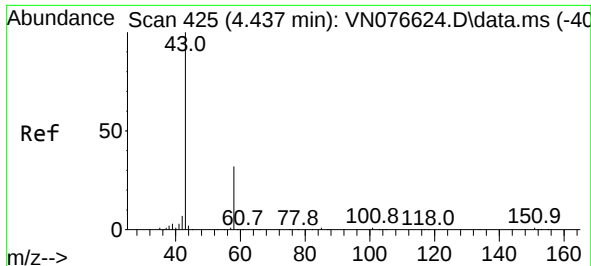
Tgt Ion:168 Resp: 296975
Ion Ratio Lower Upper
168 100
99 52.7 44.8 67.2



#5
Bromomethane
Concen: 0.343 ug/l
RT: 2.978 min Scan# 177
Delta R.T. 0.024 min
Lab File: VN076664.D
Acq: 14 Feb 2023 16:36

Tgt Ion: 94 Resp: 841
Ion Ratio Lower Upper
94 100
96 64.0 69.0 103.4#

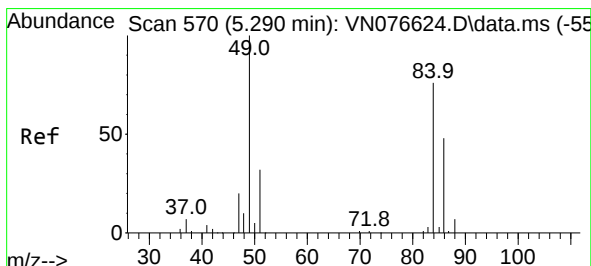
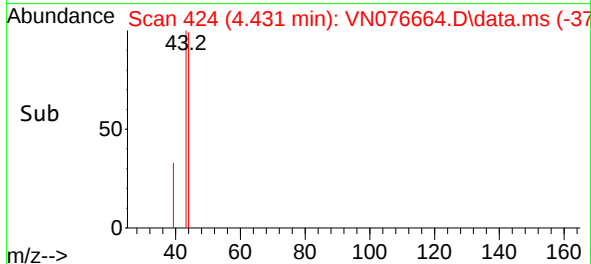
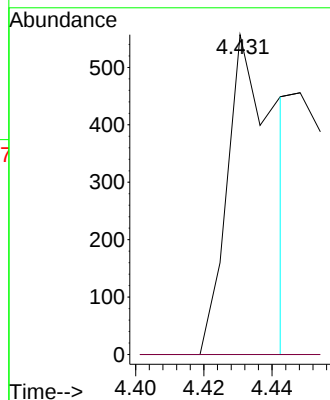
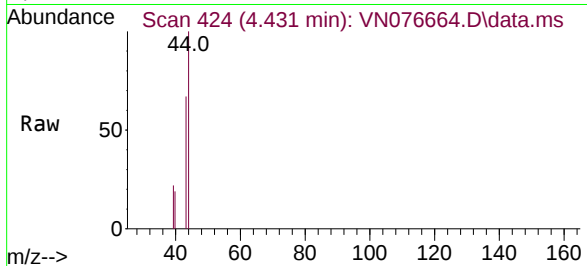




#16
Acetone
Concen: 0.301 ug/l
RT: 4.431 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN076664.D
Acq: 14 Feb 2023 16:36

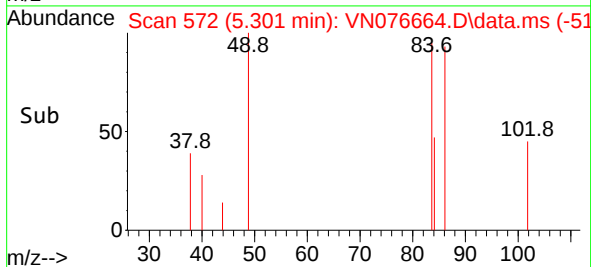
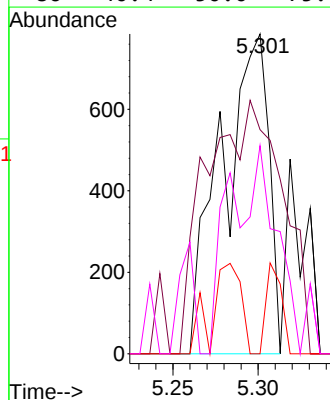
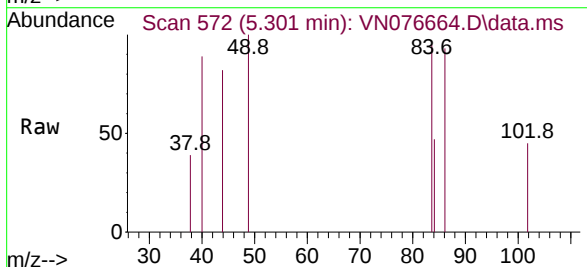
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

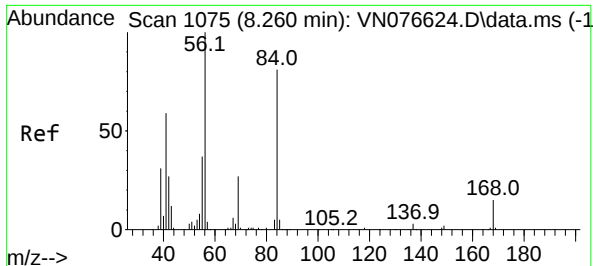
Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#



#20
Methylene Chloride
Concen: 0.391 ug/l
RT: 5.301 min Scan# 572
Delta R.T. 0.011 min
Lab File: VN076664.D
Acq: 14 Feb 2023 16:36

Tgt Ion: 84 Resp: 1500
Ion Ratio Lower Upper
84 100
49 70.1 104.9 157.3#
51 0.0 33.8 50.8#
86 40.4 50.0 75.0#

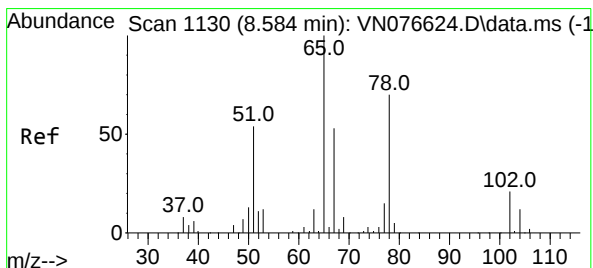
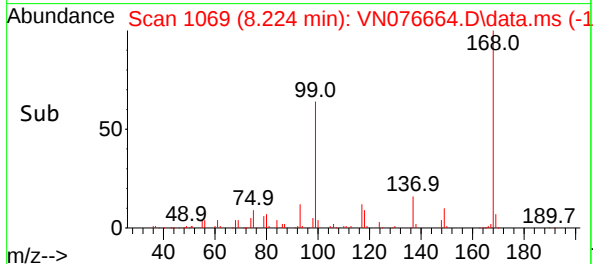
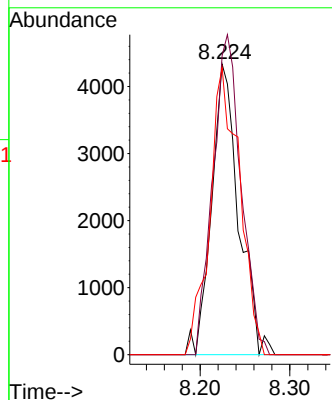
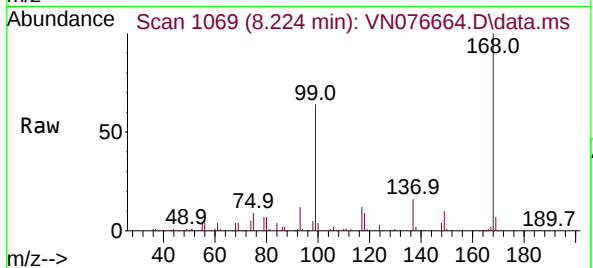




#31
Cyclohexane
Concen: 1.407 ug/l
RT: 8.224 min Scan# 1069
Delta R.T. -0.036 min
Lab File: VN076664.D
Acq: 14 Feb 2023 16:36

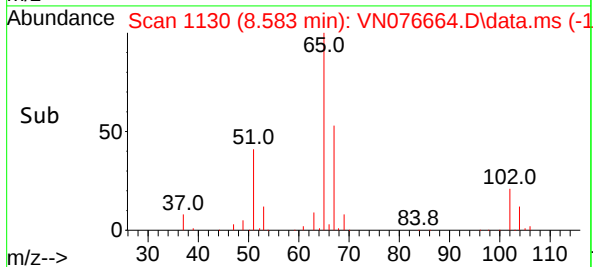
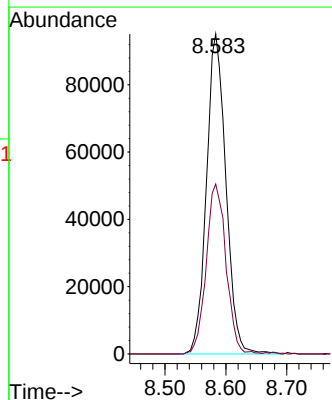
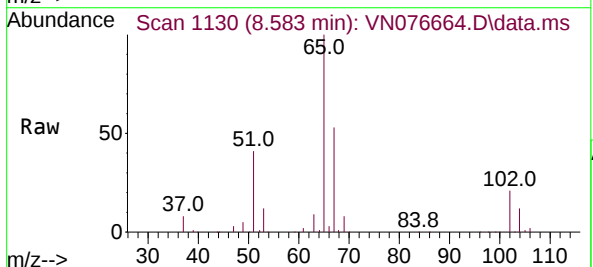
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

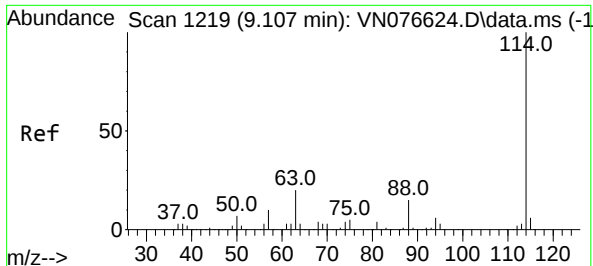
Tgt Ion: 56 Resp: 9050
Ion Ratio Lower Upper
56 100
69 102.9 21.6 32.4#
84 98.8 65.1 97.7#



#33
1,2-Dichloroethane-d4
Concen: 51.373 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076664.D
Acq: 14 Feb 2023 16:36

Tgt Ion: 65 Resp: 210669
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076664.D

Acq: 14 Feb 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK-1

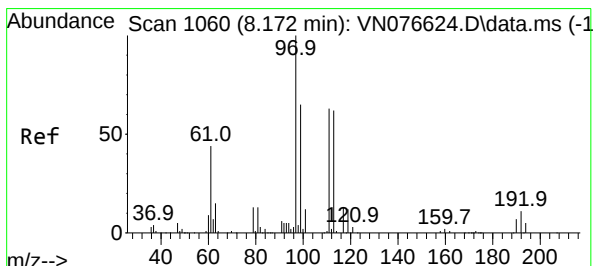
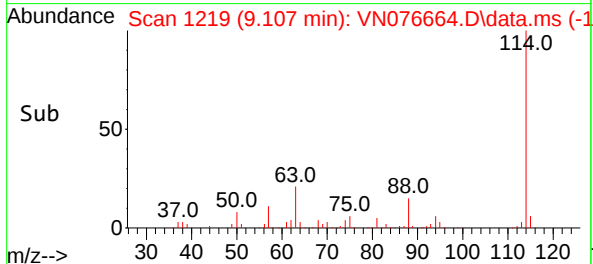
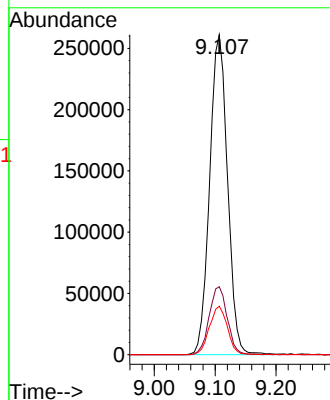
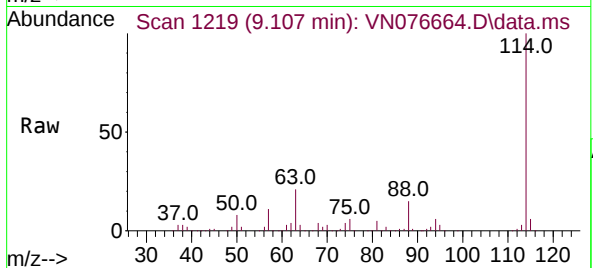
Tgt Ion:114 Resp: 532847

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.1 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.979 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076664.D

Acq: 14 Feb 2023 16:36

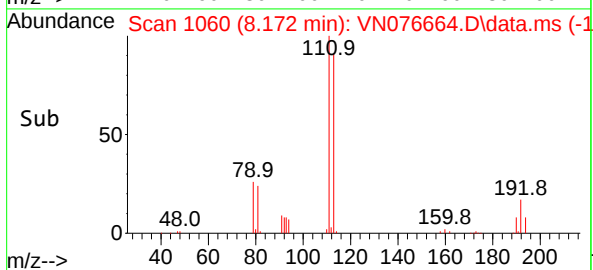
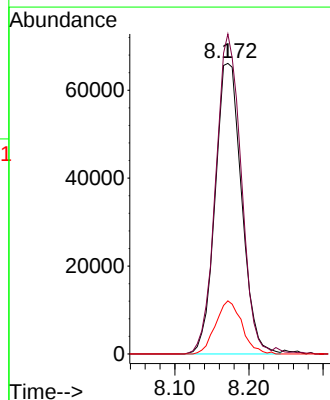
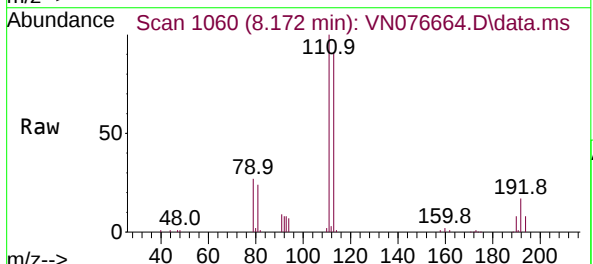
Tgt Ion:113 Resp: 163933

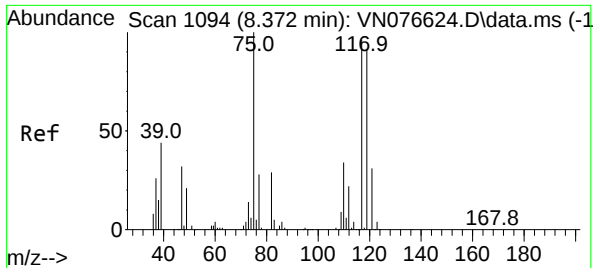
Ion Ratio Lower Upper

113 100

111 106.0 83.1 124.7

192 18.2 15.6 23.4

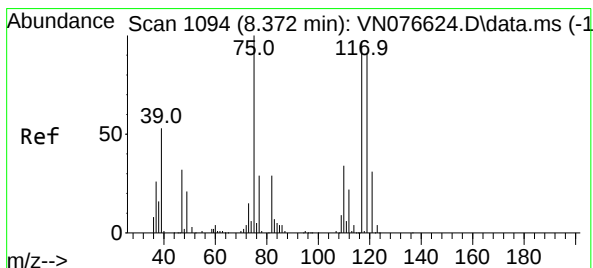
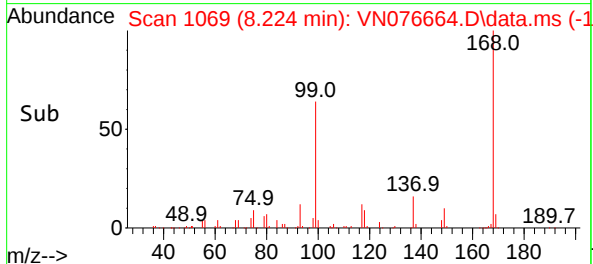
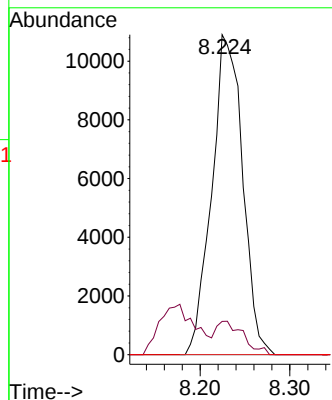
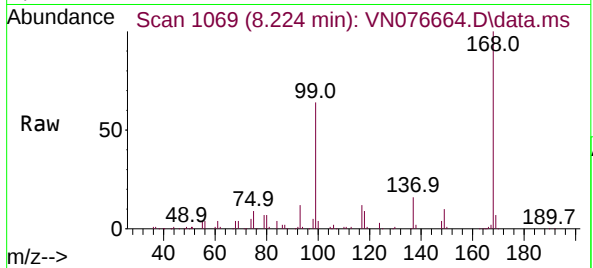




#36
 1,1-Dichloropropene
 Concen: 5.148 ug/l
 RT: 8.224 min Scan# 1069
 Delta R.T. -0.148 min
 Lab File: VN076664.D
 Acq: 14 Feb 2023 16:36

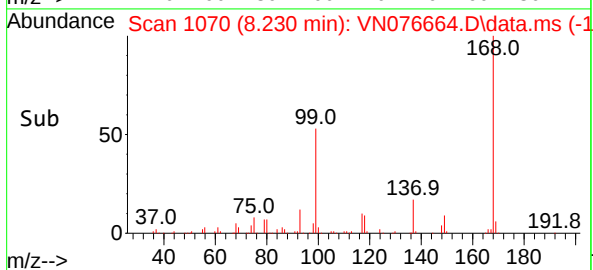
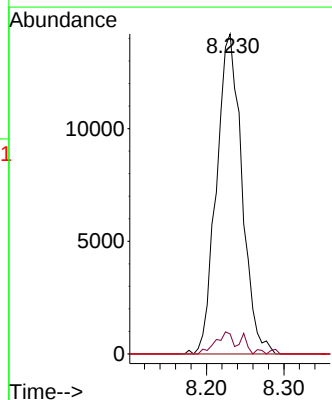
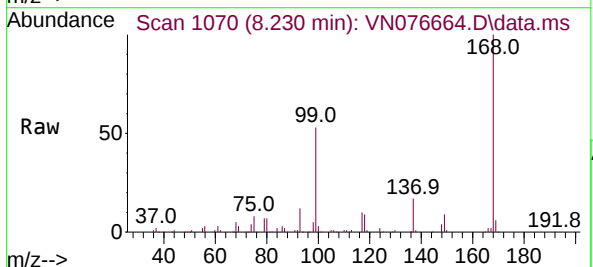
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-1

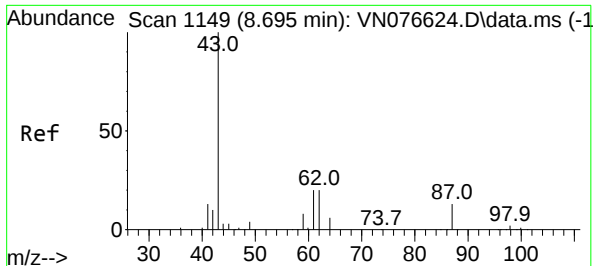
Tgt Ion: 75 Resp: 25954
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.5 52.5#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.360 ug/l
 RT: 8.230 min Scan# 1070
 Delta R.T. -0.142 min
 Lab File: VN076664.D
 Acq: 14 Feb 2023 16:36

Tgt Ion: 117 Resp: 32348
 Ion Ratio Lower Upper
 117 100
 119 6.3 75.4 113.0#
 121 0.0 26.0 39.0#





#43

Isopropyl Acetate

Concen: 0.570 ug/l

RT: 8.701 min Scan# 1150

Delta R.T. 0.006 min

Lab File: VN076664.D

Acq: 14 Feb 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK-1

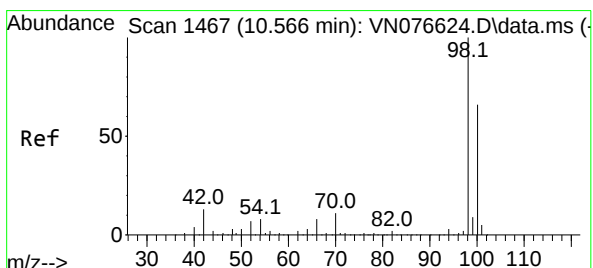
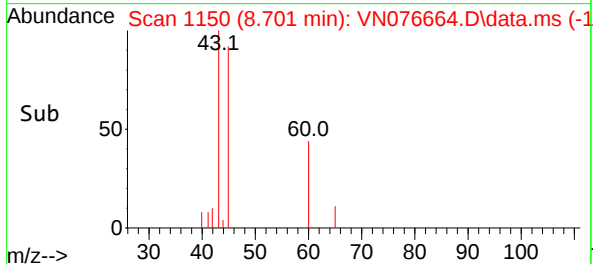
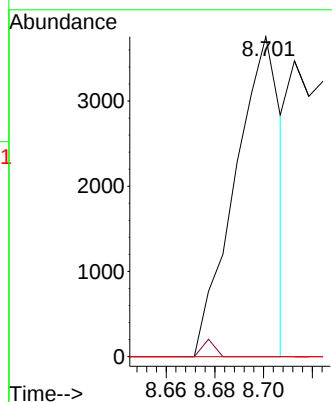
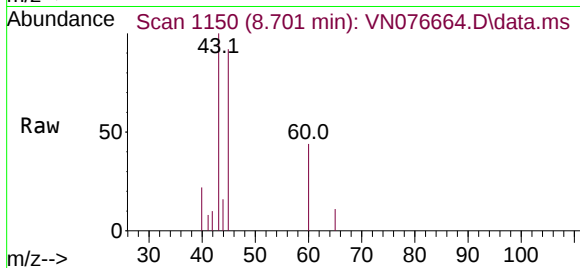
Tgt Ion: 43 Resp: 4917

Ion Ratio Lower Upper

43 100

61 0.0 20.0 30.0#

87 0.0 9.9 14.9#



#50

Toluene-d8

Concen: 49.858 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. 0.005 min

Lab File: VN076664.D

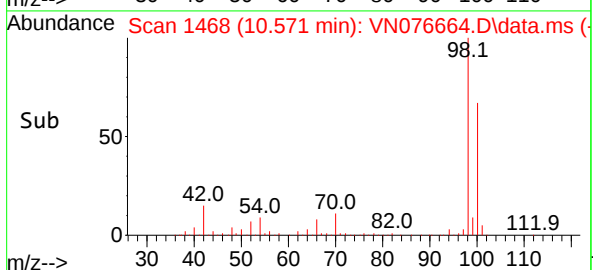
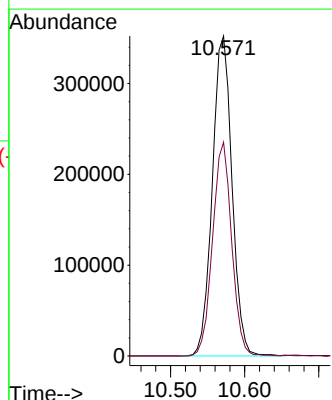
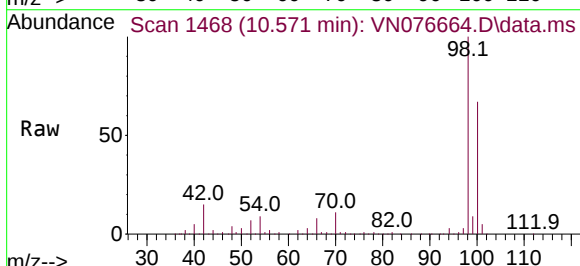
Acq: 14 Feb 2023 16:36

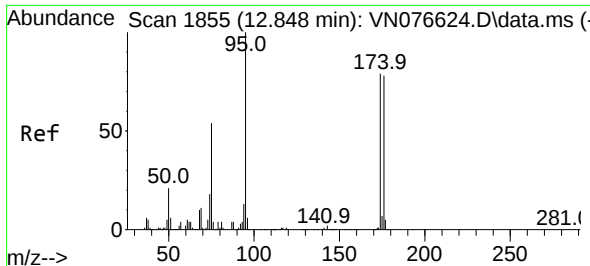
Tgt Ion: 98 Resp: 649735

Ion Ratio Lower Upper

98 100

100 64.8 52.9 79.3

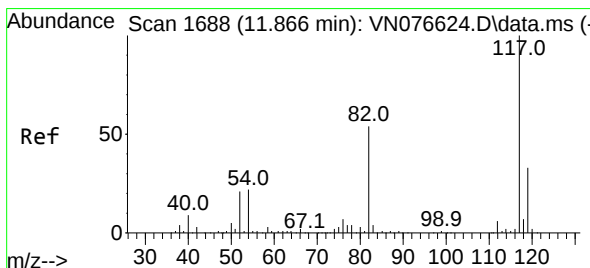
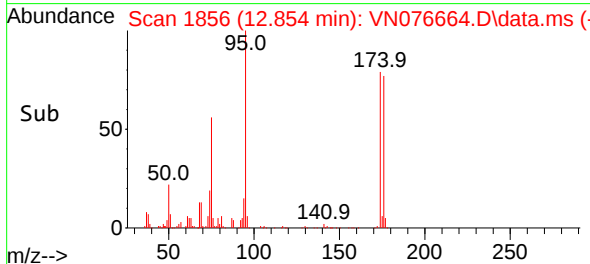
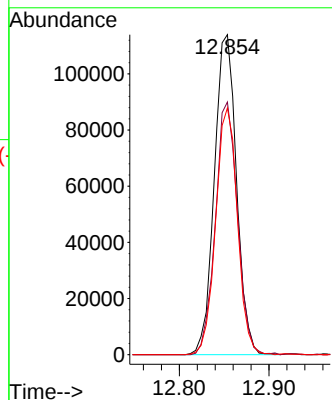
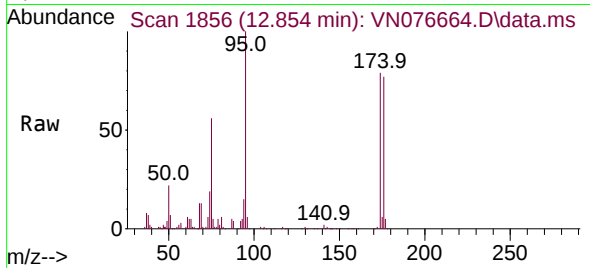




#62
4-Bromofluorobenzene
Concen: 45.292 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN076664.D
Acq: 14 Feb 2023 16:36

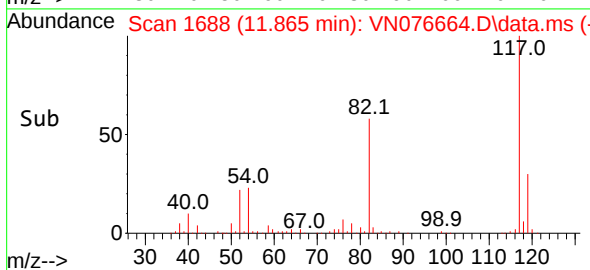
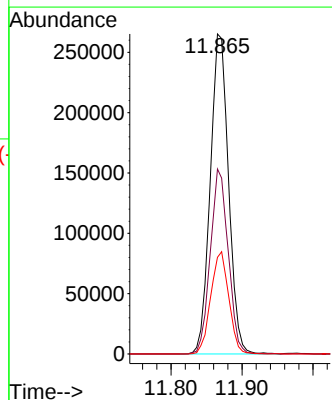
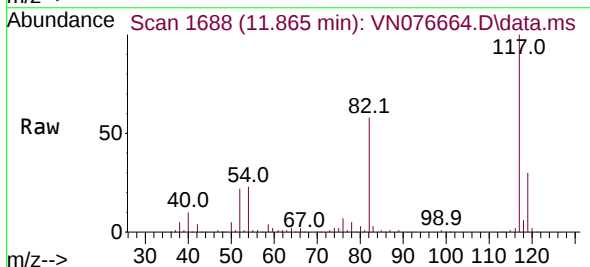
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ClientSampleId :
TRIP-BLANK-1

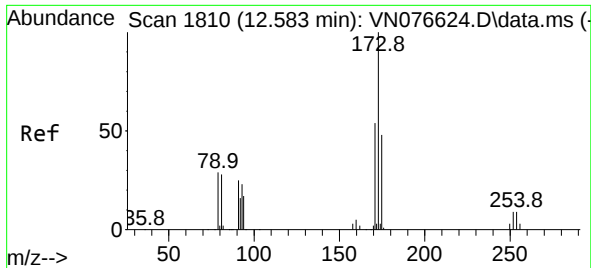
Tgt Ion: 95 Resp: 195487
Ion Ratio Lower Upper
95 100
174 78.7 0.0 169.2
176 75.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1688
Delta R.T. -0.001 min
Lab File: VN076664.D
Acq: 14 Feb 2023 16:36

Tgt Ion: 117 Resp: 473666
Ion Ratio Lower Upper
117 100
82 57.8 43.4 65.2
119 30.2 26.1 39.1

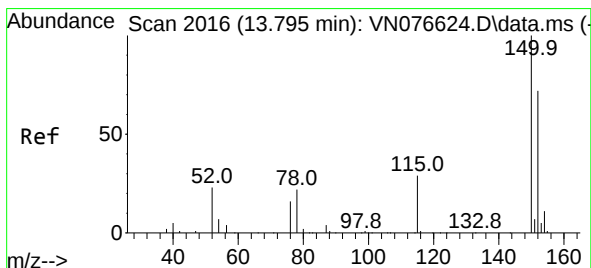
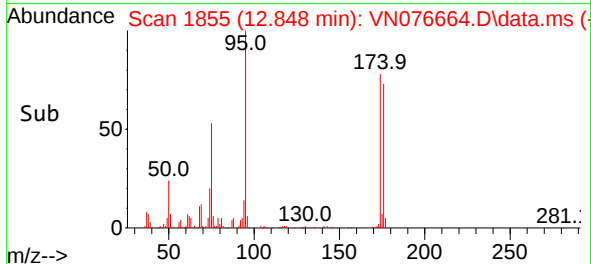
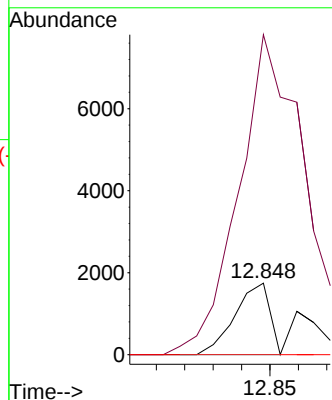
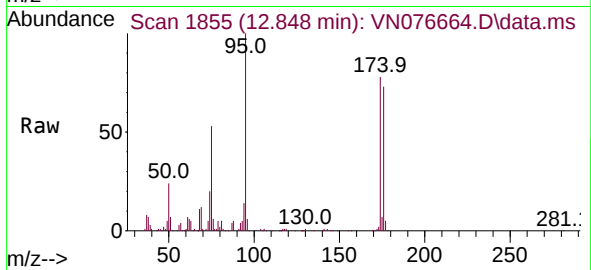




#71
Bromoform
Concen: 0.557 ug/l
RT: 12.848 min Scan# 1810
Delta R.T. 0.265 min
Lab File: VN076664.D
Acq: 14 Feb 2023 16:36

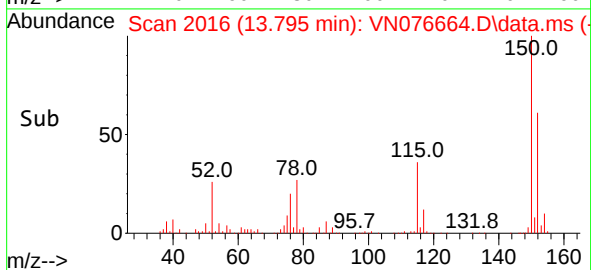
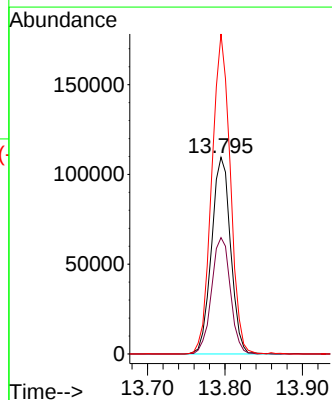
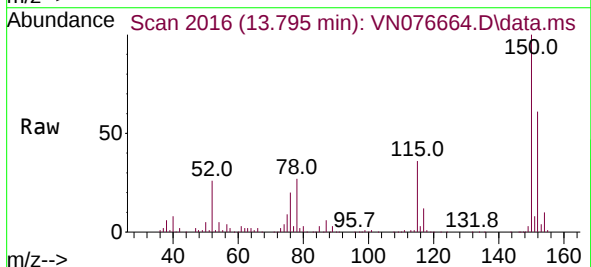
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

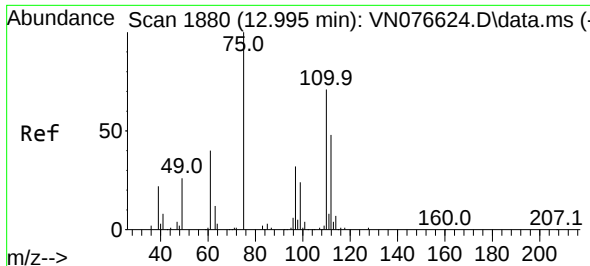
Tgt Ion:173 Resp: 1489
Ion Ratio Lower Upper
173 100
175 712.2 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076664.D
Acq: 14 Feb 2023 16:36

Tgt Ion:152 Resp: 187082
Ion Ratio Lower Upper
152 100
115 58.4 29.3 87.9
150 157.8 0.0 349.8

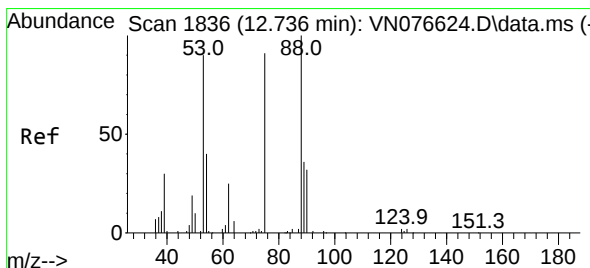
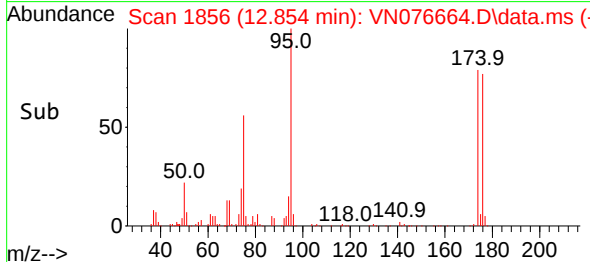
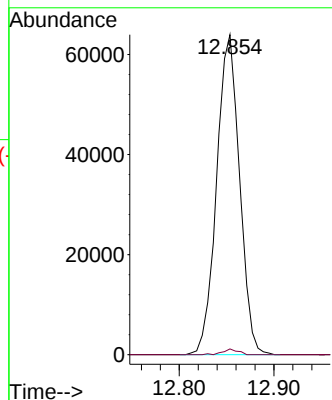
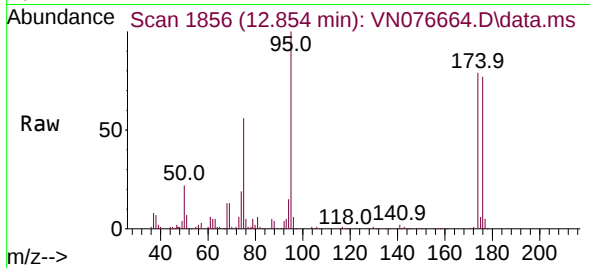




#76
1,2,3-Trichloropropane
Concen: 28.481 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076664.D
Acq: 14 Feb 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

Tgt Ion: 75 Resp: 107724
Ion Ratio Lower Upper
75 100
77 1.2 93.1 279.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.954 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076664.D
Acq: 14 Feb 2023 16:36

Tgt Ion: 75 Resp: 107724
Ion Ratio Lower Upper
75 100
53 0.1 92.1 138.1#
89 0.0 37.5 56.3#

