

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076636.D
 Acq On : 13 Feb 2023 18:44
 Operator : JC\MD
 Sample : 01529-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-1

Quant Time: Feb 14 05:25:59 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)

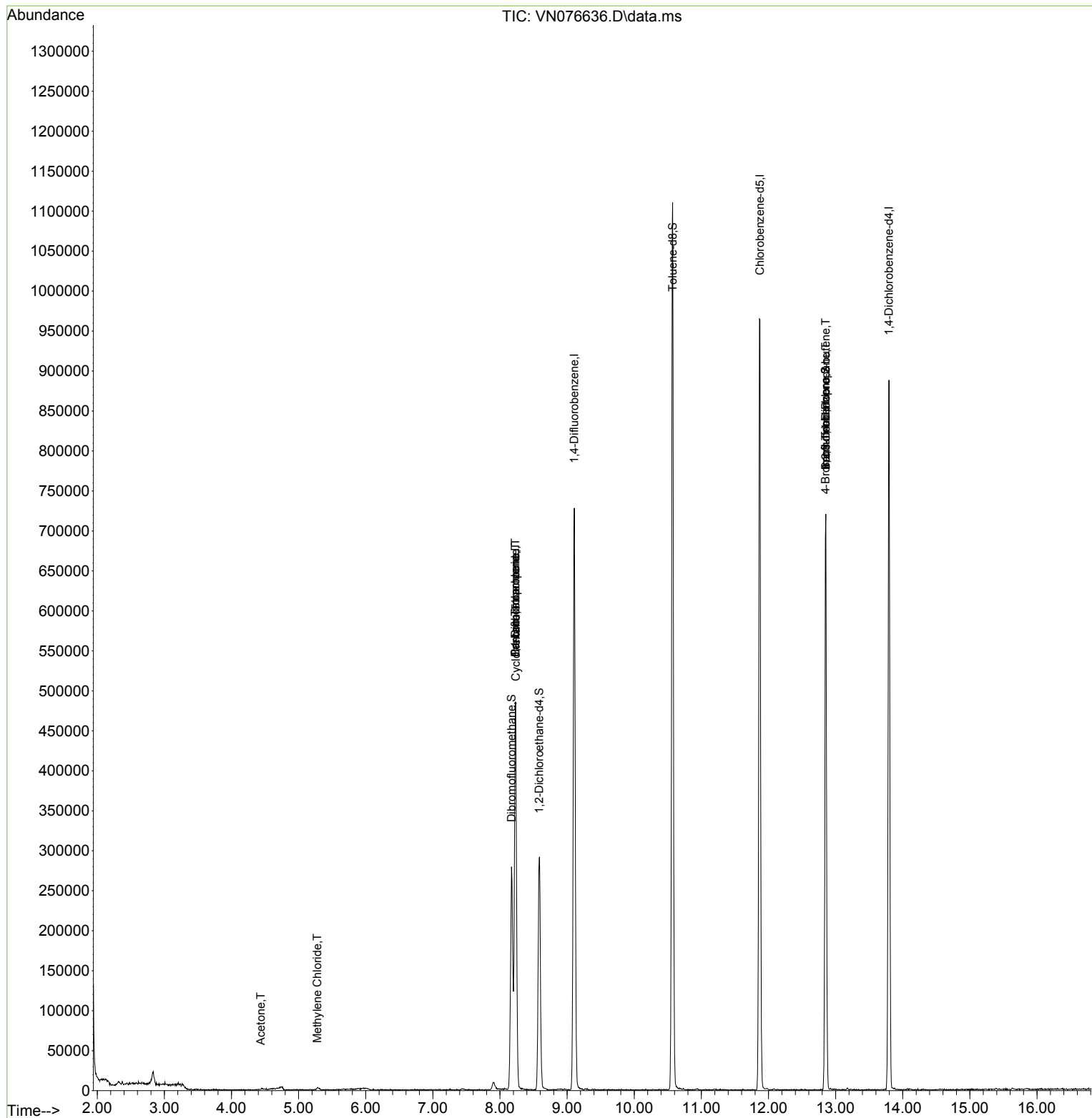
Internal Standards						
1) Pentafluorobenzene	8.231	168	345120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	610894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	547984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	225258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	232645	48.818	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.640%
35) Dibromofluoromethane	8.172	113	189189	47.290	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.580%
50) Toluene-d8	10.572	98	744673	49.842	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.848	95	232244	46.933	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.860%
Target Compounds						
					Qvalue	
16) Acetone	4.437	43	557	0.262	ug/l #	42
20) Methylene Chloride	5.278	84	1146	0.257	ug/l #	77
31) Cyclohexane	8.236	56	8185	1.095	ug/l #	15
36) 1,1-Dichloropropene	8.231	75	31183	5.395	ug/l #	49
38) Carbon Tetrachloride	8.231	117	37498	6.431	ug/l #	16
71) Bromoform	12.854	173	1878	0.607	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	129212	28.373	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	129212	82.638	ug/l #	4

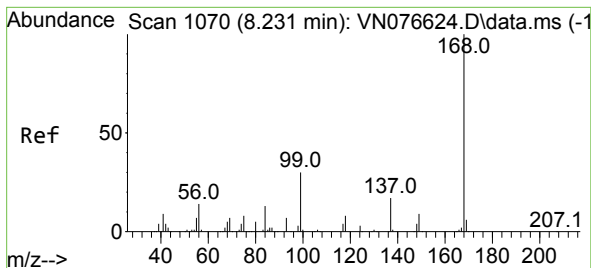
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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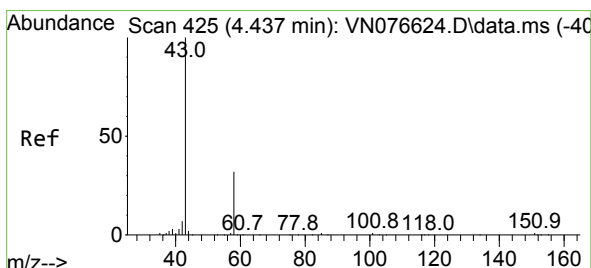
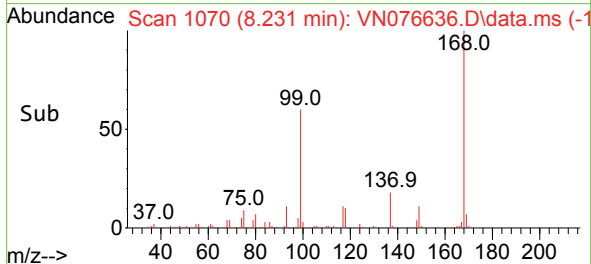
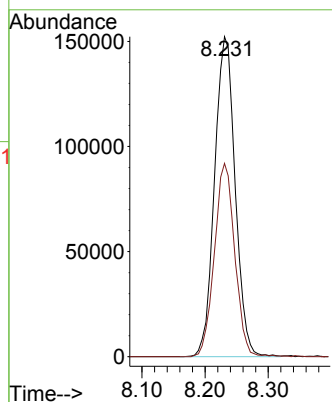
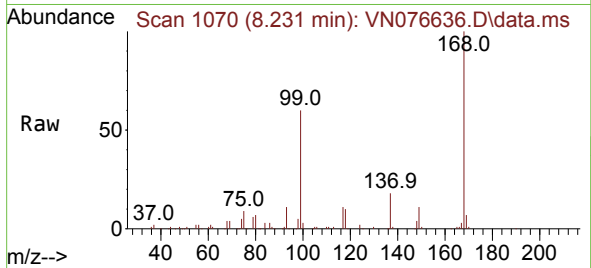




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076636.D
Acq: 13 Feb 2023 18:44

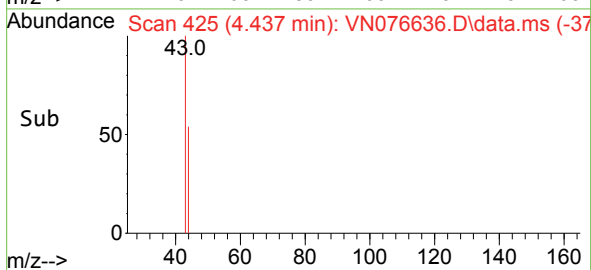
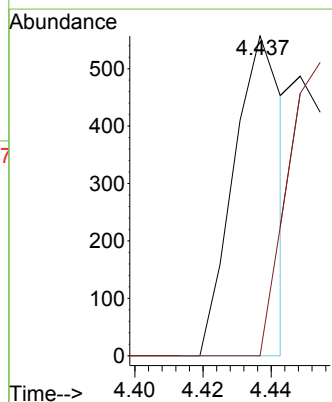
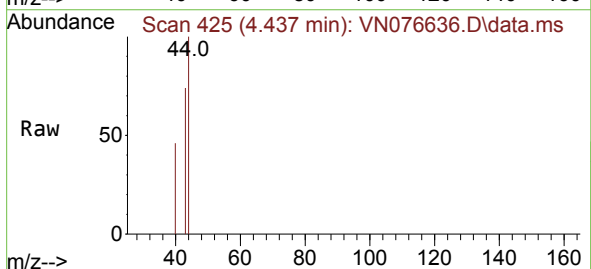
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

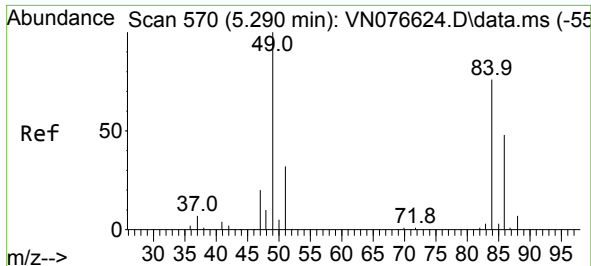
Tgt Ion:168 Resp: 345120
Ion Ratio Lower Upper
168 100
99 60.4 44.8 67.2



#16
Acetone
Concen: 0.262 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076636.D
Acq: 13 Feb 2023 18:44

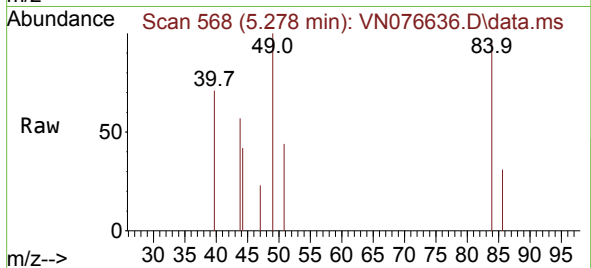
Tgt Ion: 43 Resp: 557
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#





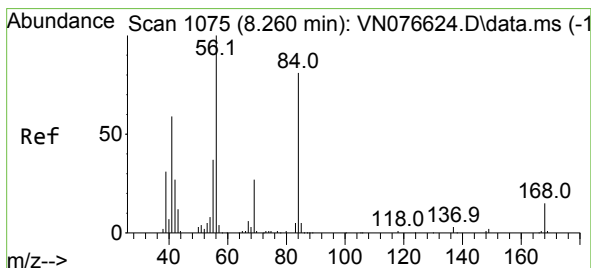
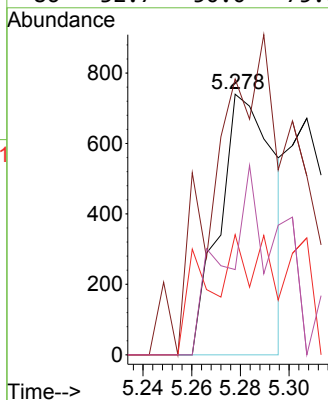
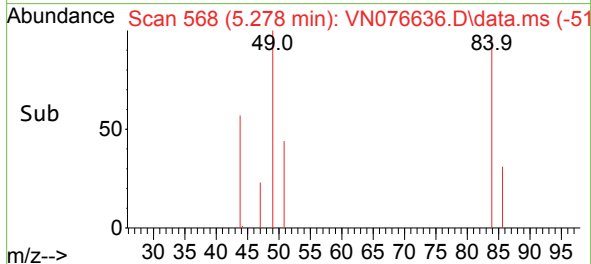
#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 5.278 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN076636.D
Acq: 13 Feb 2023 18:44

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

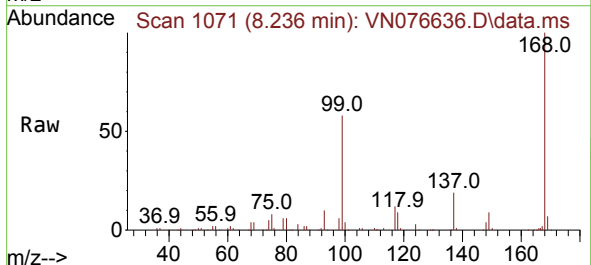


Tgt Ion: 84 Resp: 1146

Ion	Ratio	Lower	Upper
84	100		
49	105.8	104.9	157.3
51	46.1	33.8	50.8
86	32.7	50.0	75.0#

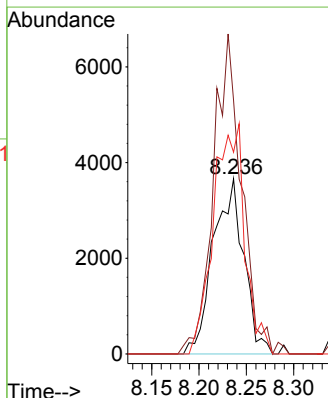
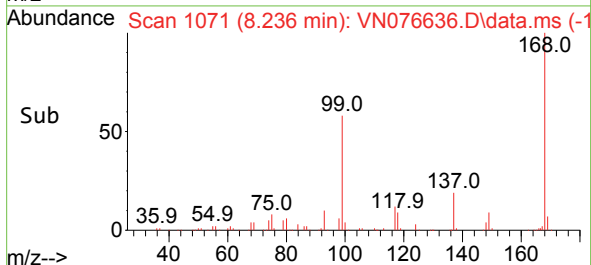


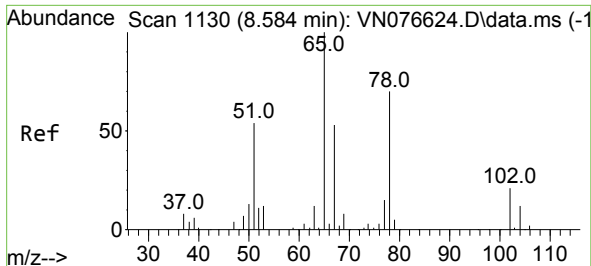
#31
Cyclohexane
Concen: 1.095 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.024 min
Lab File: VN076636.D
Acq: 13 Feb 2023 18:44



Tgt Ion: 56 Resp: 8185

Ion	Ratio	Lower	Upper
56	100		
69	144.7	21.6	32.4#
84	115.1	65.1	97.7#





#33

1,2-Dichloroethane-d4

Concen: 48.818 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076636.D

Acq: 13 Feb 2023 18:44

Instrument :

MSVOA_N

ClientSampleId :

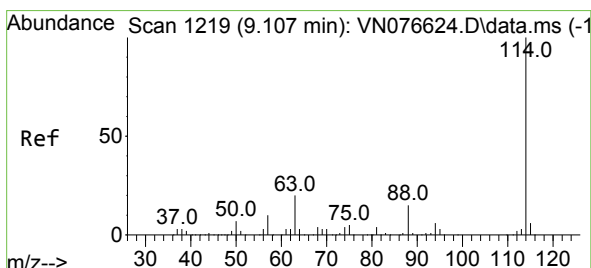
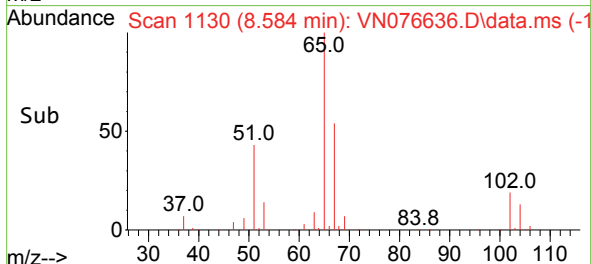
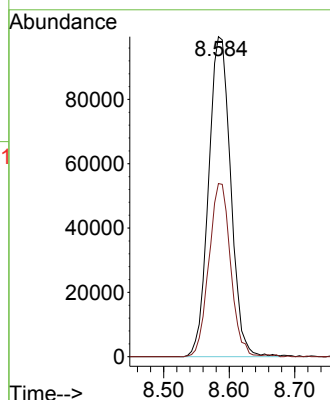
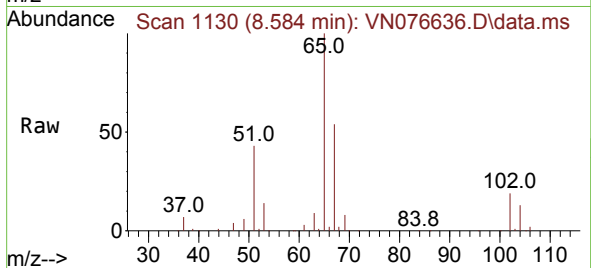
TRIP-BLANK-1

Tgt Ion: 65 Resp: 232645

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076636.D

Acq: 13 Feb 2023 18:44

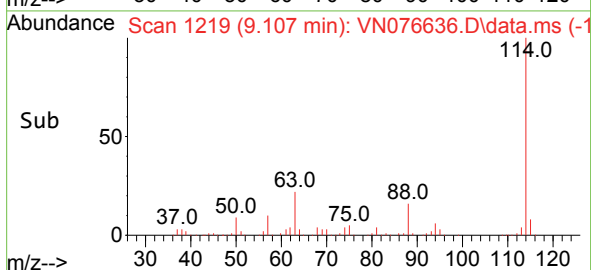
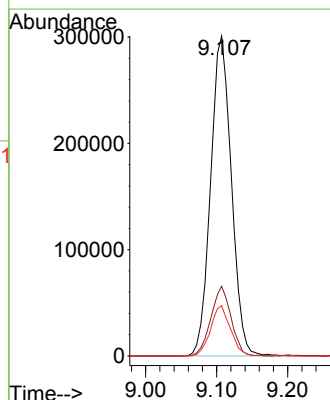
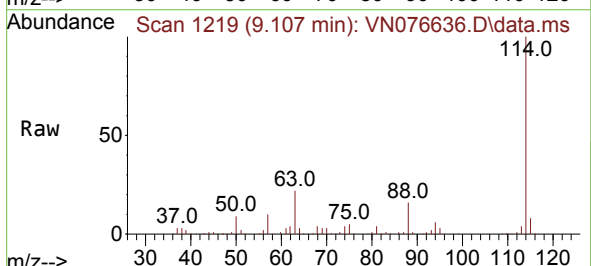
Tgt Ion: 114 Resp: 610894

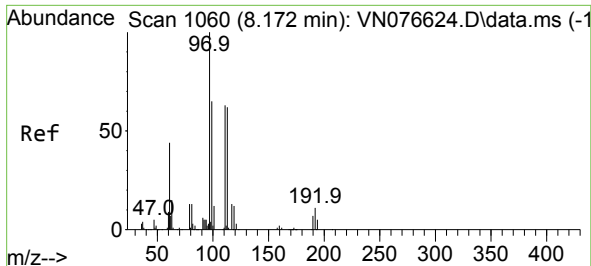
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 15.7 0.0 29.6

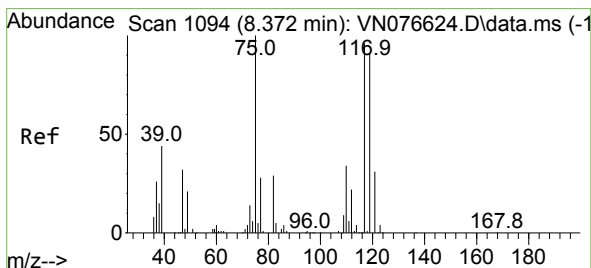
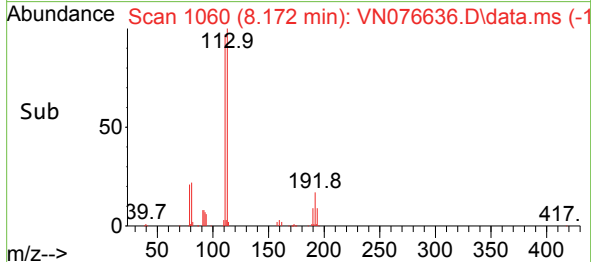
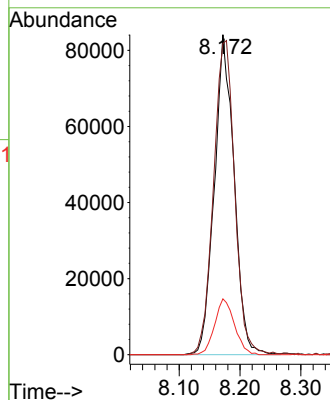
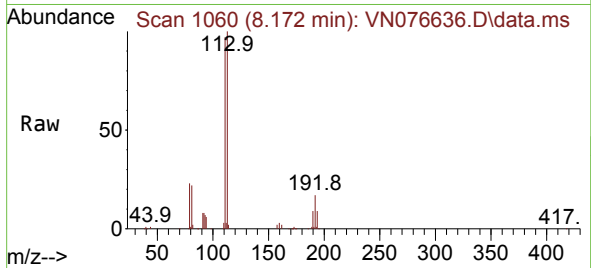




#35
Dibromofluoromethane
Concen: 47.290 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076636.D
Acq: 13 Feb 2023 18:44

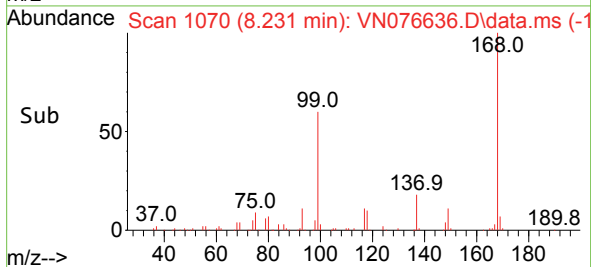
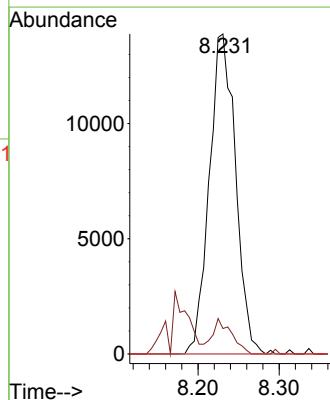
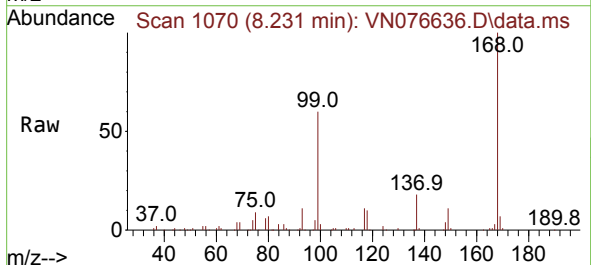
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

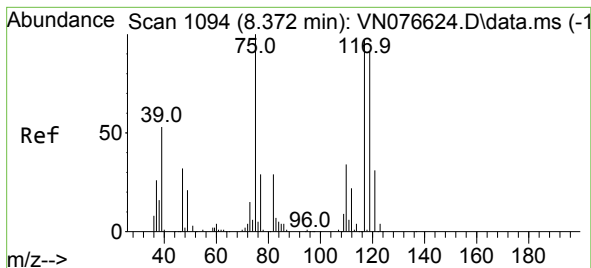
Tgt Ion:113 Resp: 189189
Ion Ratio Lower Upper
113 100
111 105.2 83.1 124.7
192 17.5 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.395 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN076636.D
Acq: 13 Feb 2023 18:44

Tgt Ion: 75 Resp: 31183
Ion Ratio Lower Upper
75 100
110 8.0 17.5 52.5#
77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.431 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.141 min

Lab File: VN076636.D

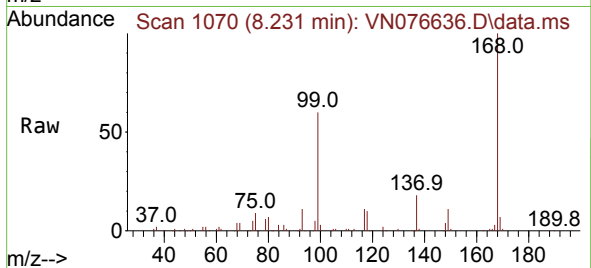
Acq: 13 Feb 2023 18:44

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK-1



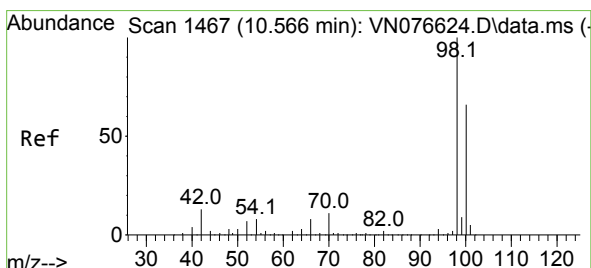
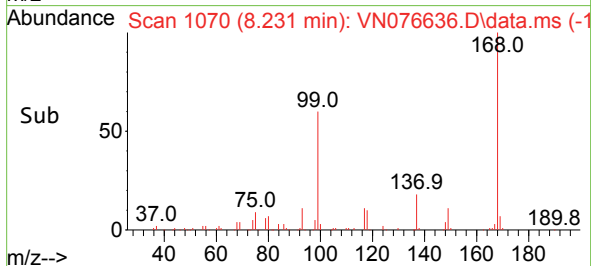
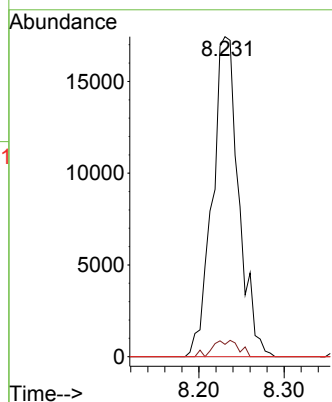
Tgt Ion:117 Resp: 37498

Ion Ratio Lower Upper

117 100

119 3.9 75.4 113.0#

121 0.0 26.0 39.0#



#50

Toluene-d8

Concen: 49.842 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076636.D

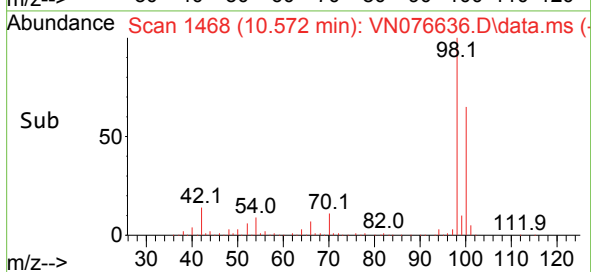
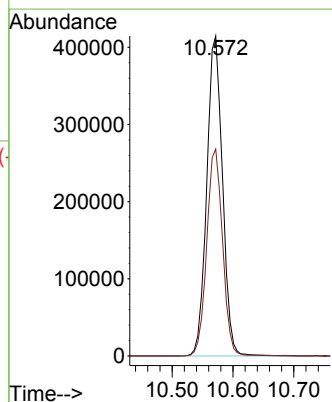
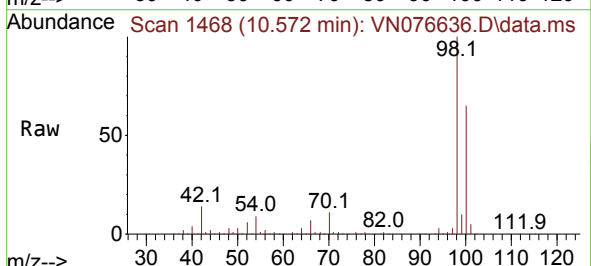
Acq: 13 Feb 2023 18:44

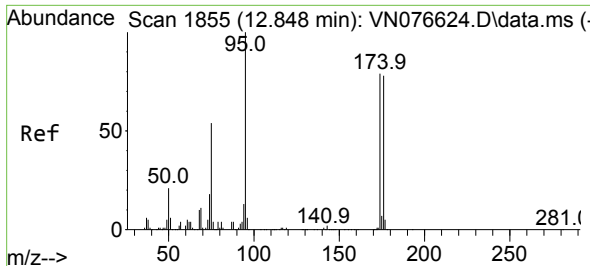
Tgt Ion: 98 Resp: 744673

Ion Ratio Lower Upper

98 100

100 65.1 52.9 79.3

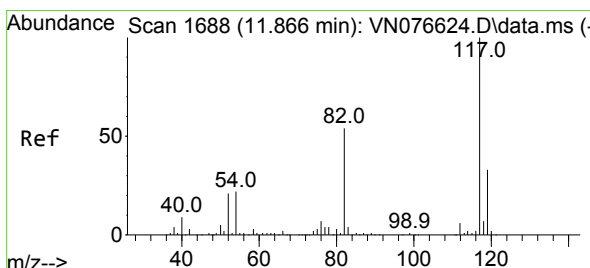
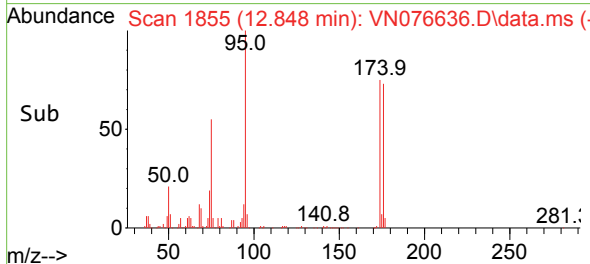
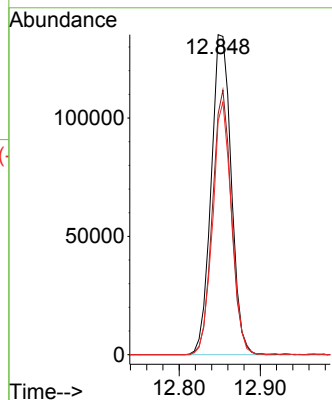
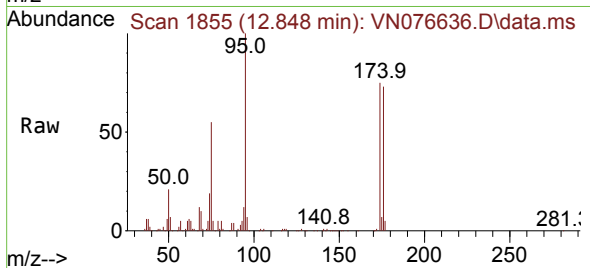




#62
4-Bromofluorobenzene
Concen: 46.933 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076636.D
Acq: 13 Feb 2023 18:44

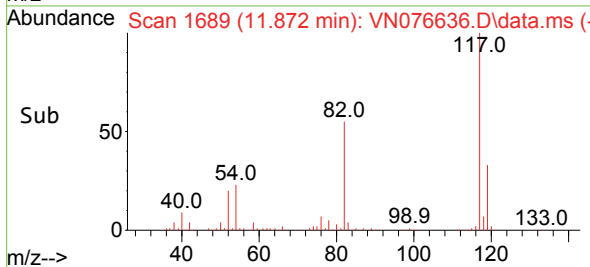
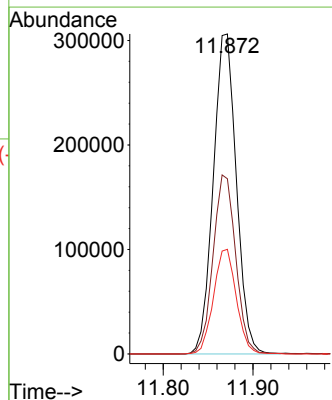
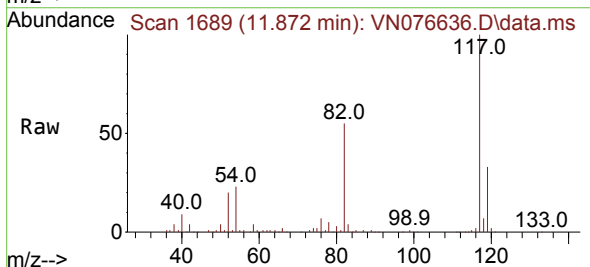
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

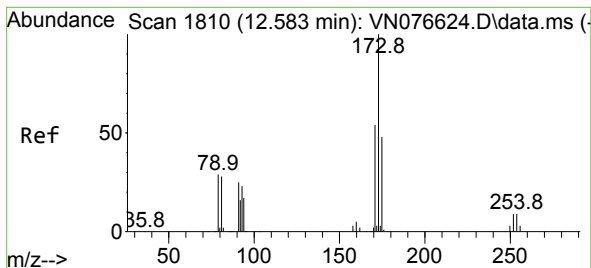
Tgt Ion: 95 Resp: 232244
Ion Ratio Lower Upper
95 100
174 77.9 0.0 169.2
176 74.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076636.D
Acq: 13 Feb 2023 18:44

Tgt Ion: 117 Resp: 547984
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.2
119 32.7 26.1 39.1





#71

Bromoform

Concen: 0.607 ug/l

RT: 12.854 min Scan# 1810

Delta R.T. 0.271 min

Lab File: VN076636.D

Acq: 13 Feb 2023 18:44

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK-1

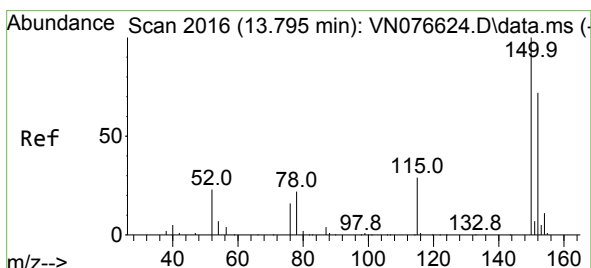
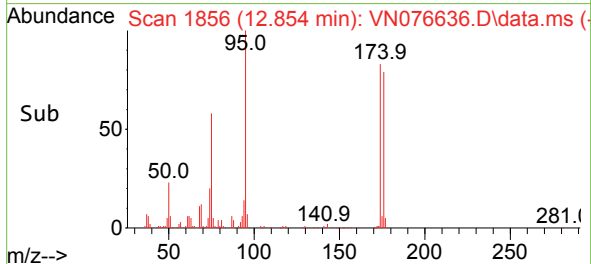
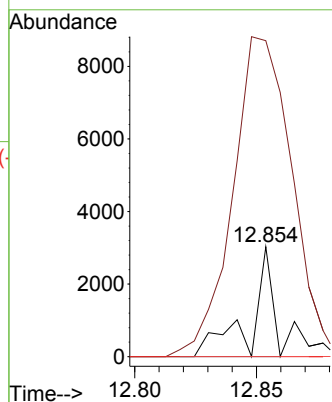
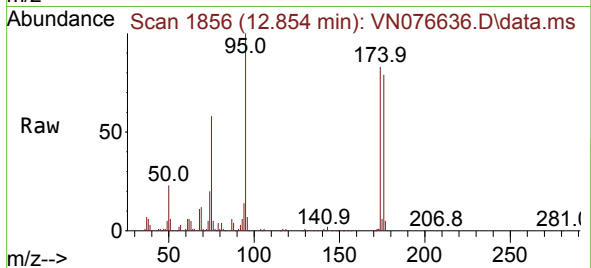
Tgt Ion:173 Resp: 1878

Ion Ratio Lower Upper

173 100

175 650.4 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: VN076636.D

Acq: 13 Feb 2023 18:44

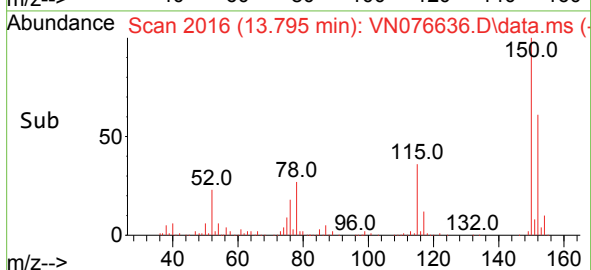
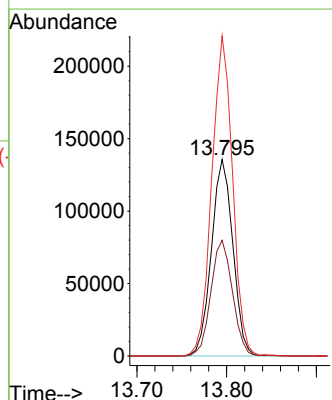
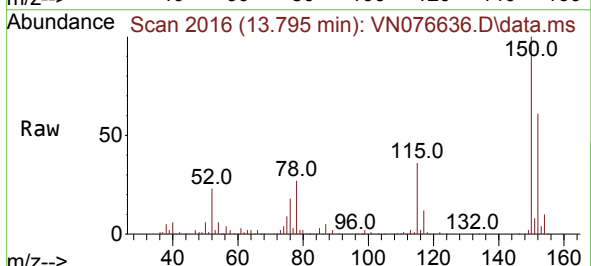
Tgt Ion:152 Resp: 225258

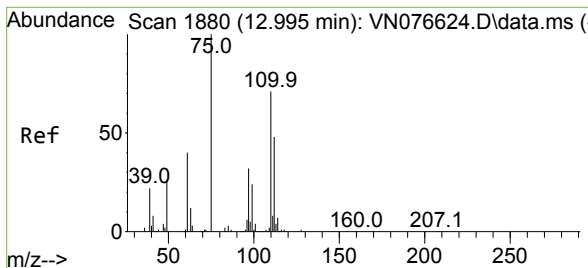
Ion Ratio Lower Upper

152 100

115 59.2 29.3 87.9

150 157.7 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 28.373 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN076636.D

Acq: 13 Feb 2023 18:44

Instrument :

MSVOA_N

ClientSampleId :

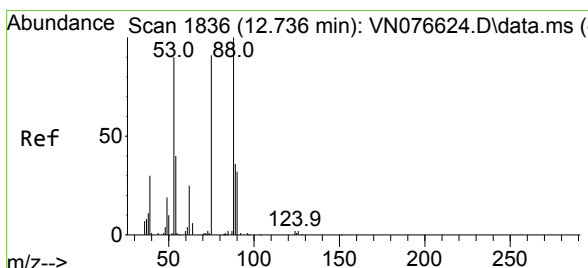
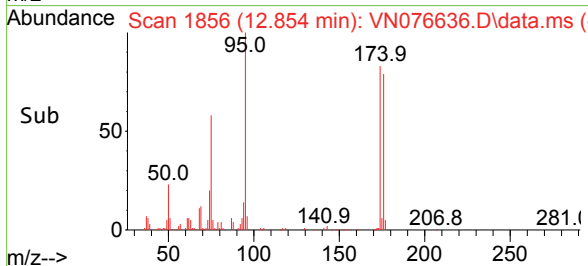
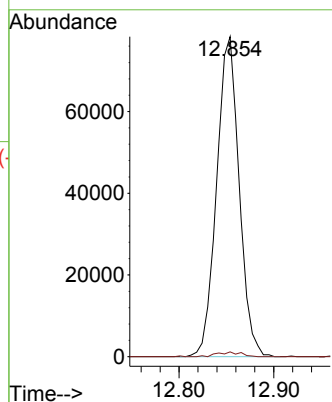
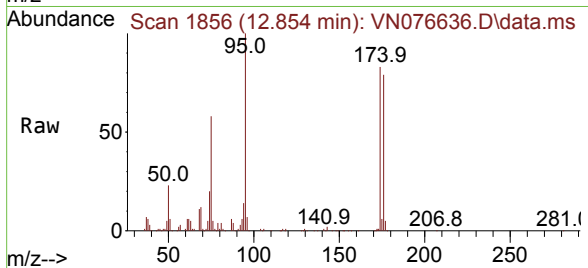
TRIP-BLANK-1

Tgt Ion: 75 Resp: 129212

Ion Ratio Lower Upper

75 100

77 1.5 93.1 279.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.638 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.118 min

Lab File: VN076636.D

Acq: 13 Feb 2023 18:44

Tgt Ion: 75 Resp: 129212

Ion Ratio Lower Upper

75 100

53 0.0 92.1 138.1#

89 0.0 37.5 56.3#

