

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076639.D
 Acq On : 13 Feb 2023 19:56
 Operator : JC\MD
 Sample : 01536-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Feb 14 05:27:00 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)

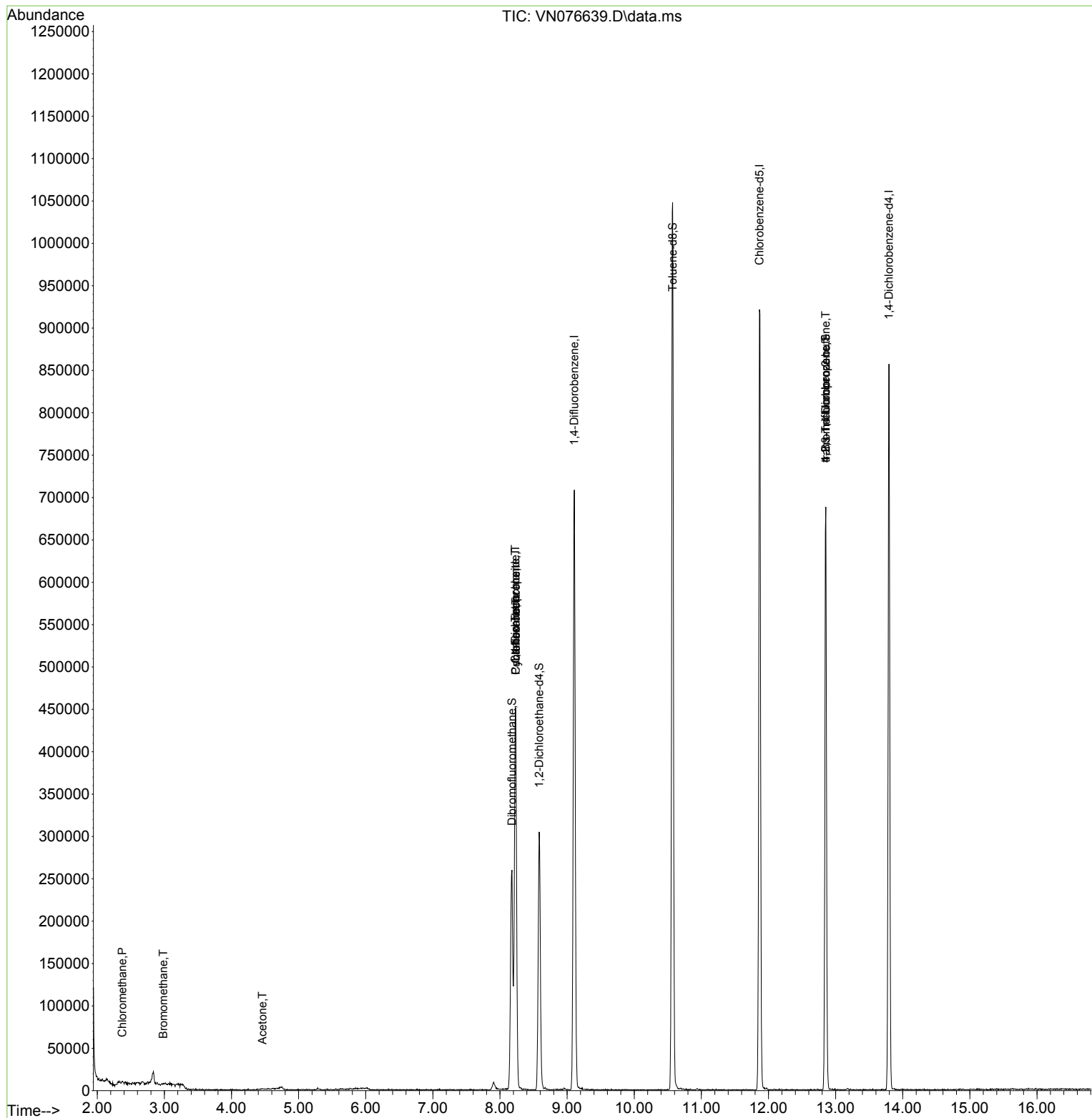
Internal Standards						
1) Pentafluorobenzene	8.236	168	331435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	599937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	531401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	211612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	234003	51.130	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.260%	
35) Dibromofluoromethane	8.178	113	181601	46.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.440%	
50) Toluene-d8	10.572	98	721071	49.144	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.280%	
62) 4-Bromofluorobenzene	12.854	95	226215	46.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.372	50	1291	0.281	ug/l	91
5) Bromomethane	2.984	94	842	0.308	ug/l #	45
16) Acetone	4.460	43	1754	0.858	ug/l #	42
31) Cyclohexane	8.236	56	9357	1.303	ug/l #	1
36) 1,1-Dichloropropene	8.231	75	28915	5.094	ug/l #	50
38) Carbon Tetrachloride	8.231	117	36413	6.359	ug/l #	15
76) 1,2,3-Trichloropropane	12.854	75	126130	29.482	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	126130	85.868	ug/l #	4

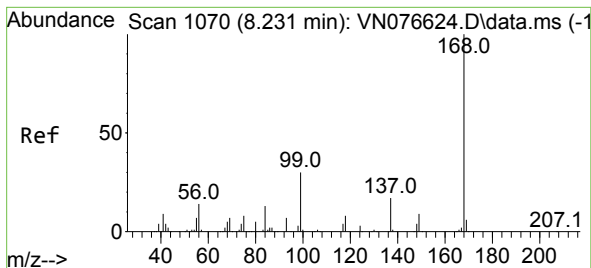
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN076639.D

Acq: 13 Feb 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

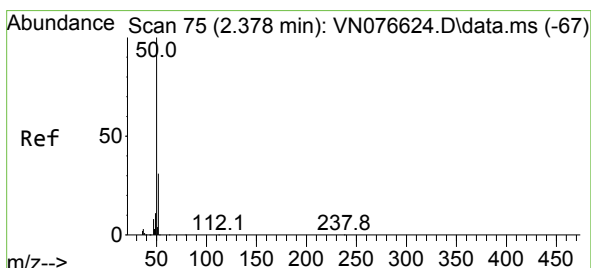
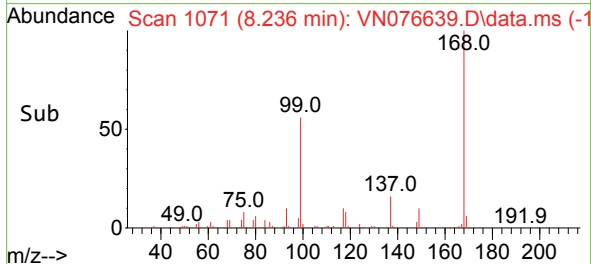
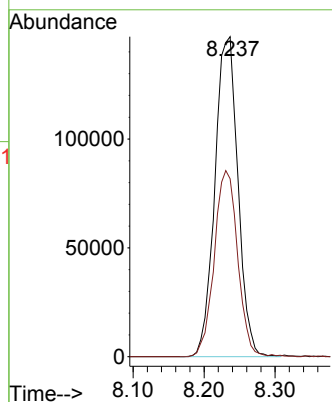
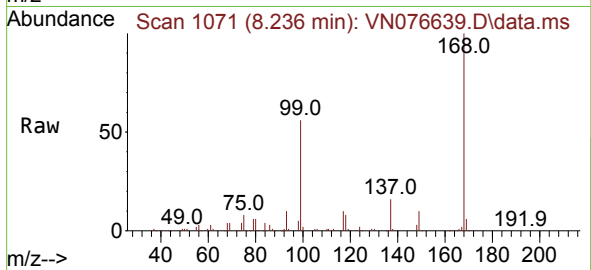
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 331435

Ion Ratio Lower Upper

168 100

99 55.6 44.8 67.2



#3

Chloromethane

Concen: 0.281 ug/l

RT: 2.372 min Scan# 74

Delta R.T. -0.006 min

Lab File: VN076639.D

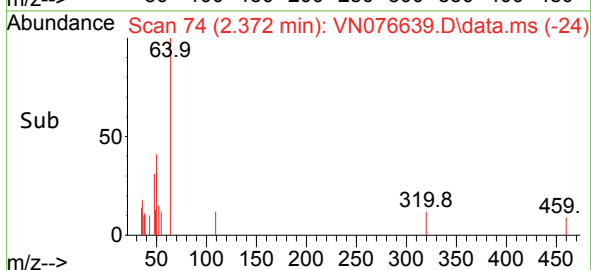
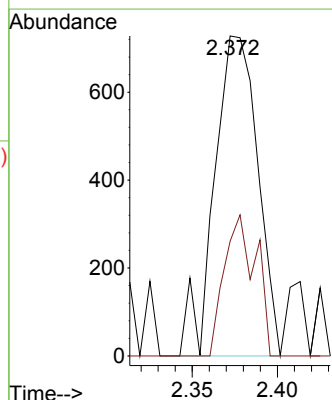
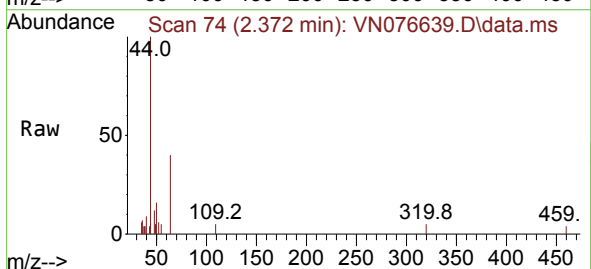
Acq: 13 Feb 2023 19:56

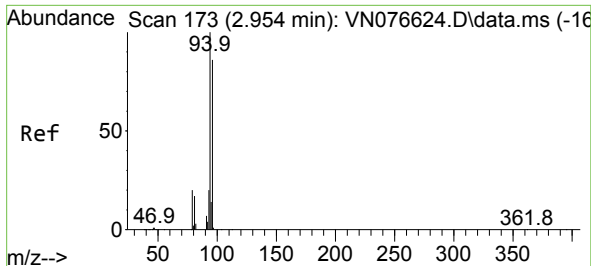
Tgt Ion: 50 Resp: 1291

Ion Ratio Lower Upper

50 100

52 35.9 24.7 37.1

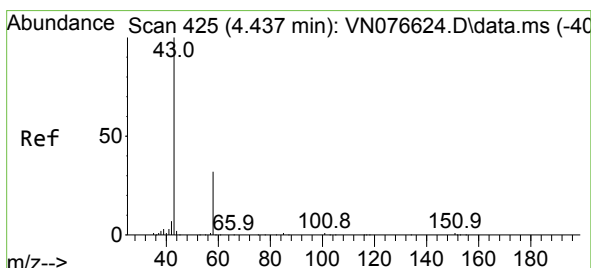
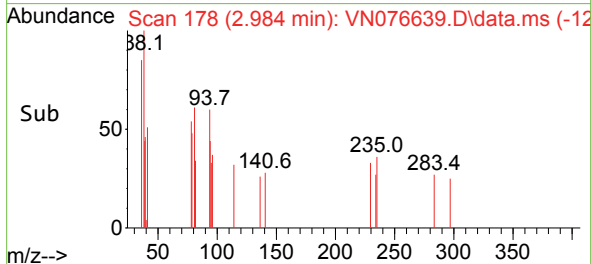
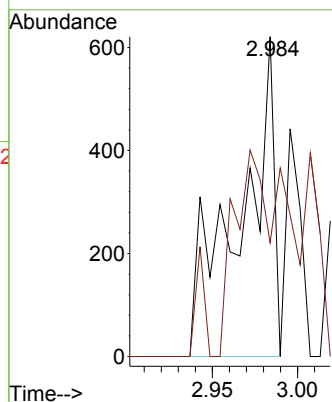
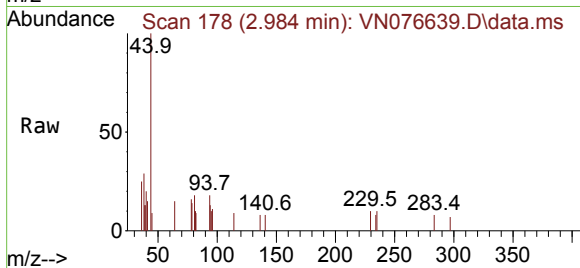




#5
Bromomethane
Concen: 0.308 ug/l
RT: 2.984 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN076639.D
Acq: 13 Feb 2023 19:56

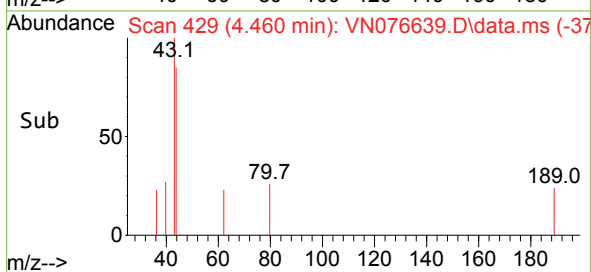
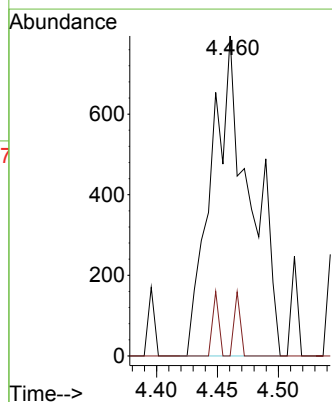
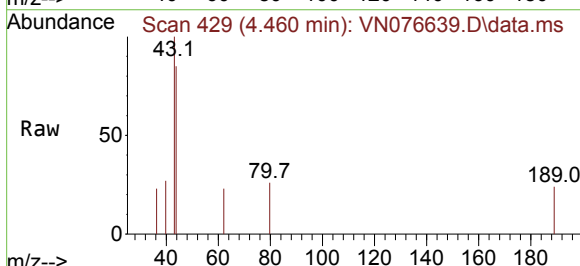
Instrument :
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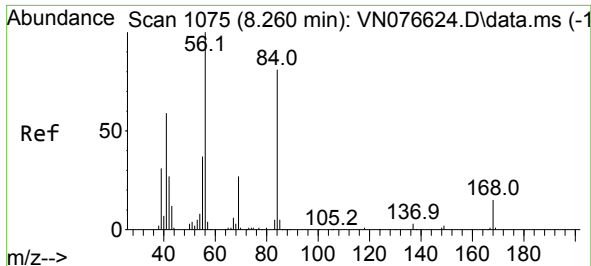
Tgt Ion: 94 Resp: 842
Ion Ratio Lower Upper
94 100
96 35.6 69.0 103.4#



#16
Acetone
Concen: 0.858 ug/l
RT: 4.460 min Scan# 429
Delta R.T. 0.023 min
Lab File: VN076639.D
Acq: 13 Feb 2023 19:56

Tgt Ion: 43 Resp: 1754
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#

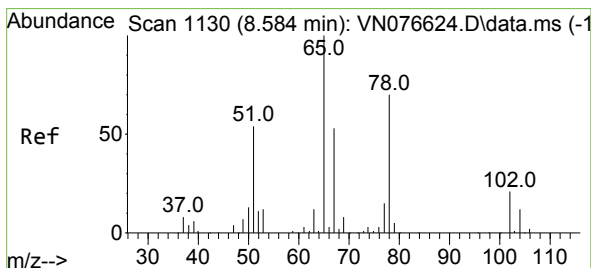
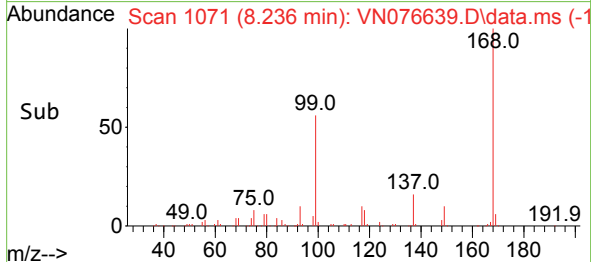
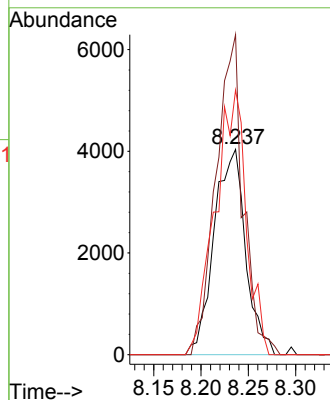
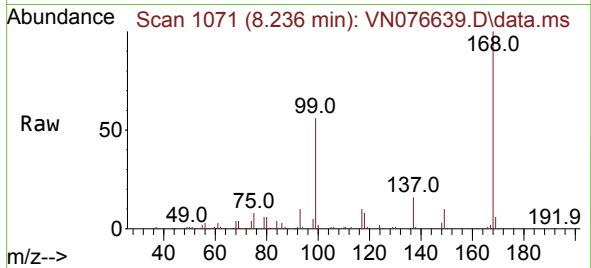




#31
Cyclohexane
Concen: 1.303 ug/l
RT: 8.236 min Scan# 1075
Delta R.T. -0.024 min
Lab File: VN076639.D
Acq: 13 Feb 2023 19:56

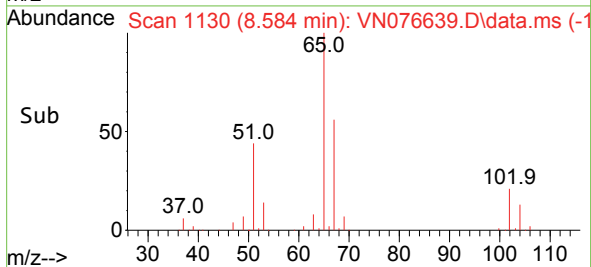
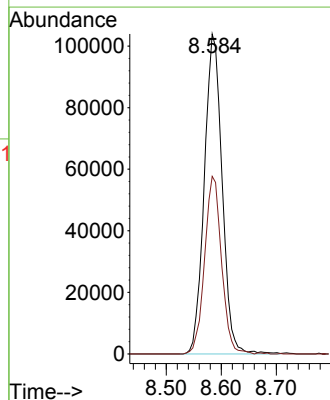
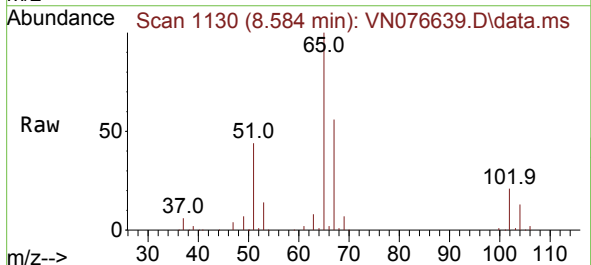
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

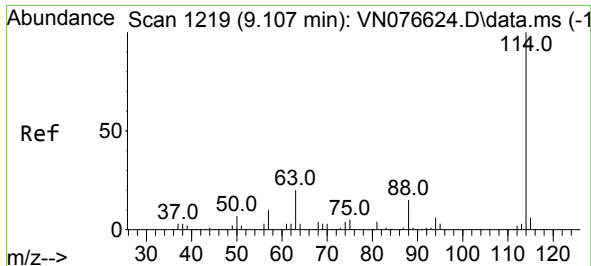
Tgt Ion: 56 Resp: 9357
Ion Ratio Lower Upper
56 100
69 155.9 21.6 32.4#
84 128.9 65.1 97.7#



#33
1,2-Dichloroethane-d4
Concen: 51.130 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076639.D
Acq: 13 Feb 2023 19:56

Tgt Ion: 65 Resp: 234003
Ion Ratio Lower Upper
65 100
67 52.7 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: VN076639.D

Acq: 13 Feb 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

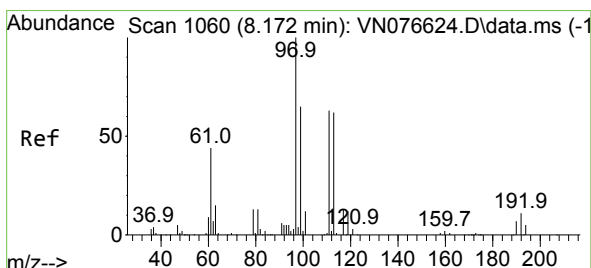
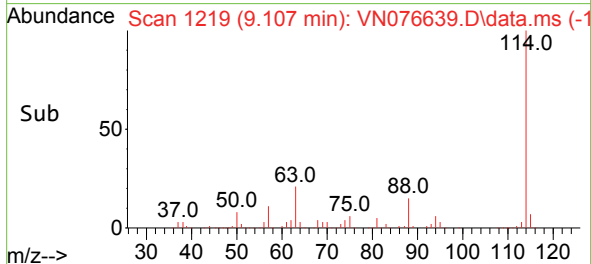
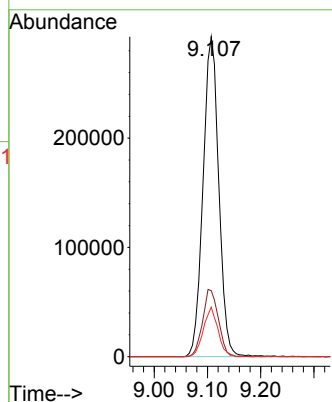
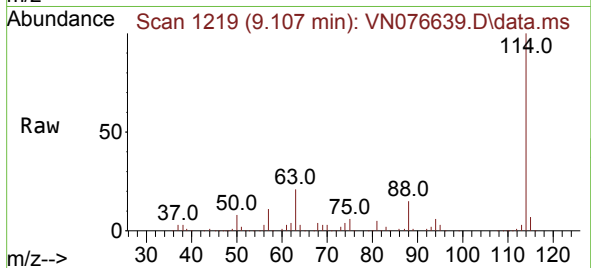
Tgt Ion:114 Resp: 599937

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 15.5 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.222 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076639.D

Acq: 13 Feb 2023 19:56

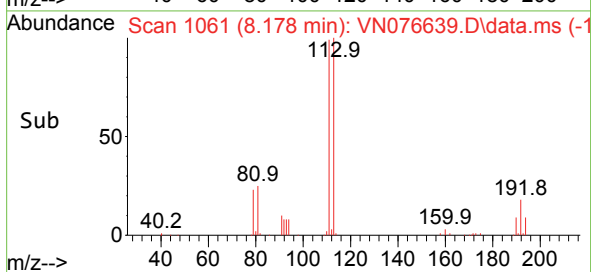
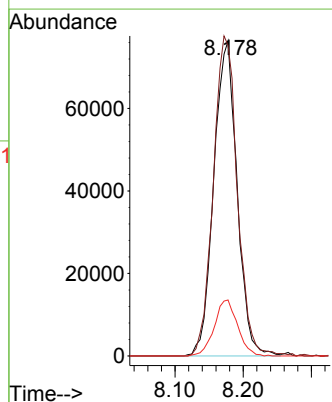
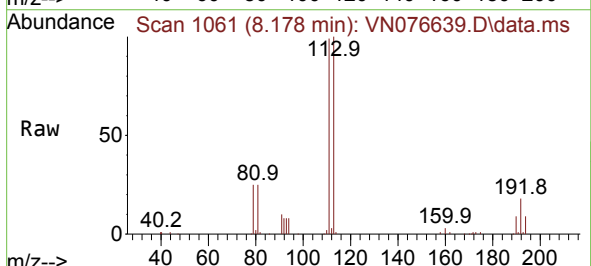
Tgt Ion:113 Resp: 181601

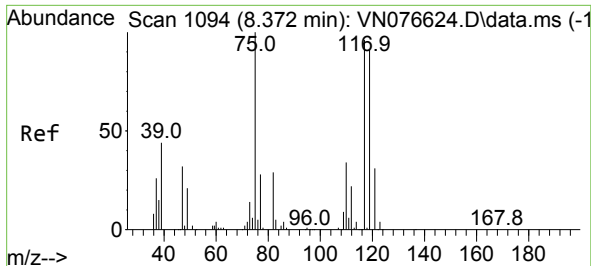
Ion Ratio Lower Upper

113 100

111 104.7 83.1 124.7

192 17.8 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.094 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.141 min

Lab File: VN076639.D

Acq: 13 Feb 2023 19:56

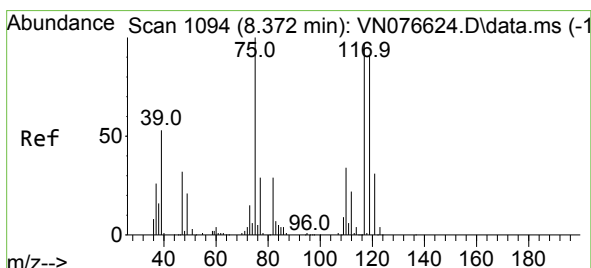
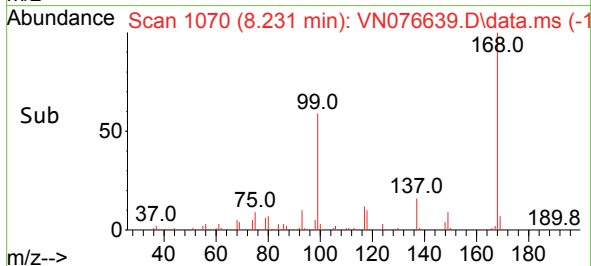
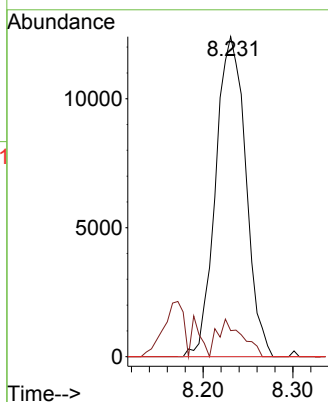
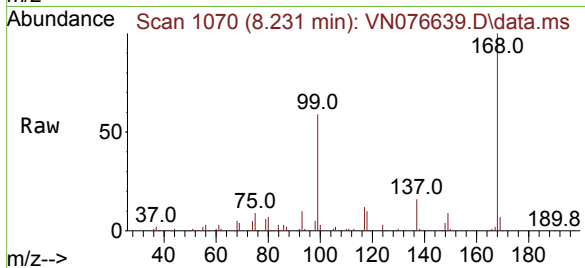
Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75	Resp:	28915
Ion Ratio	Lower	Upper
75	100	
110	9.5	17.5 52.5#
77	0.0	24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.359 ug/l

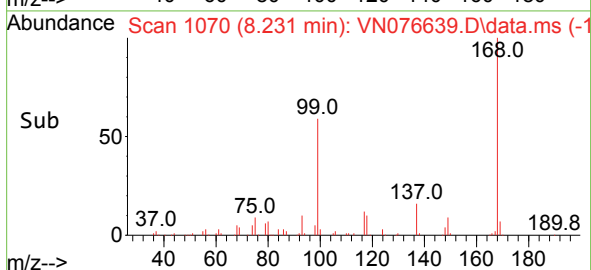
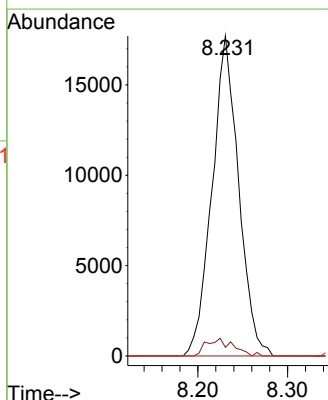
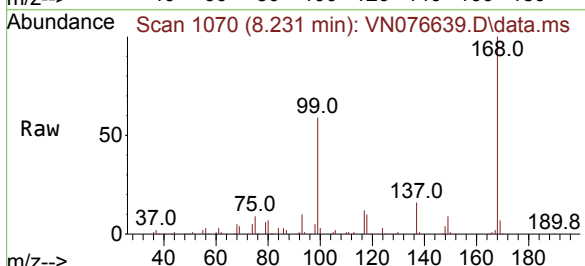
RT: 8.231 min Scan# 1070

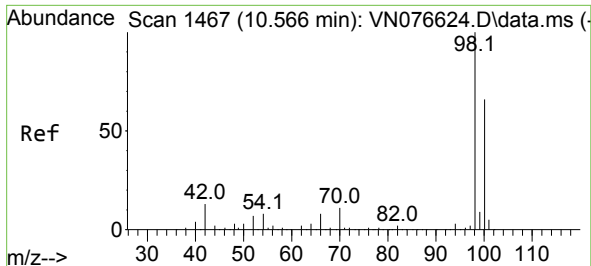
Delta R.T. -0.141 min

Lab File: VN076639.D

Acq: 13 Feb 2023 19:56

Tgt Ion: 117	Resp:	36413
Ion Ratio	Lower	Upper
117	100	
119	2.7	75.4 113.0#
121	0.0	26.0 39.0#

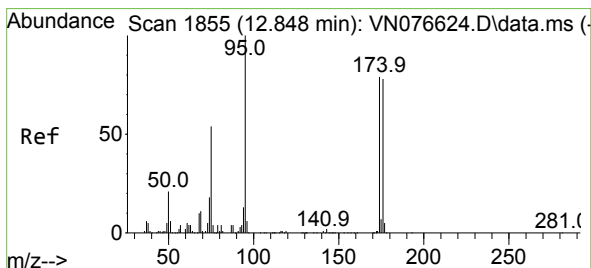
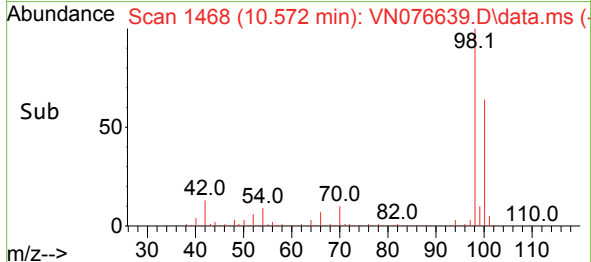
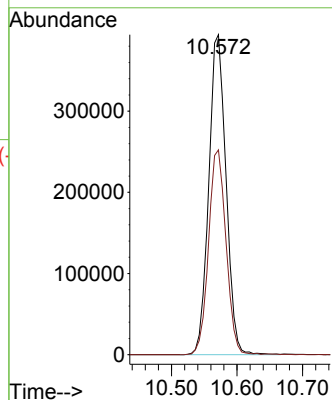
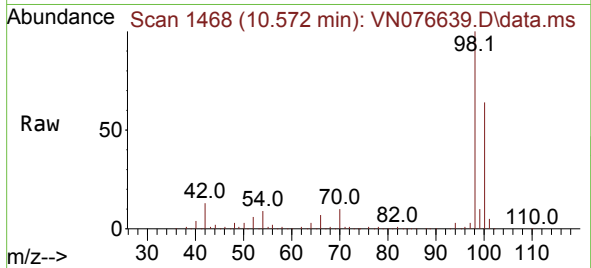




#50
Toluene-d8
Concen: 49.144 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076639.D
Acq: 13 Feb 2023 19:56

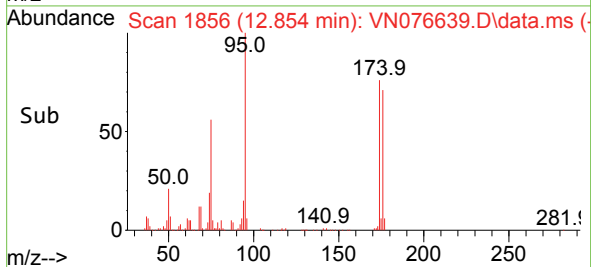
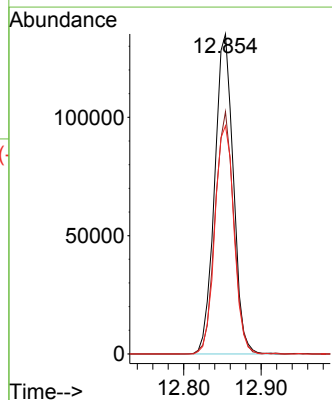
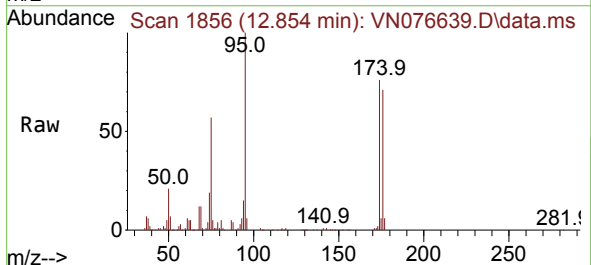
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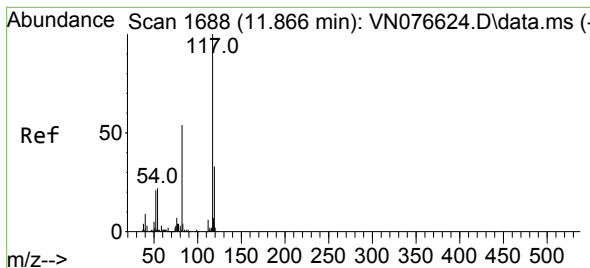
Tgt Ion: 98 Resp: 721071
Ion Ratio Lower Upper
98 100
100 64.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.550 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076639.D
Acq: 13 Feb 2023 19:56

Tgt Ion: 95 Resp: 226215
Ion Ratio Lower Upper
95 100
174 75.8 0.0 169.2
176 73.0 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076639.D

Acq: 13 Feb 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

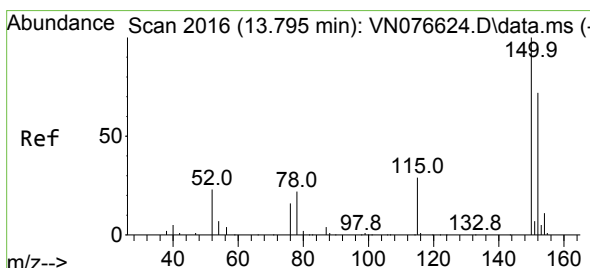
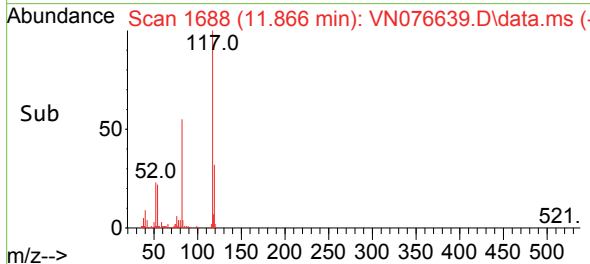
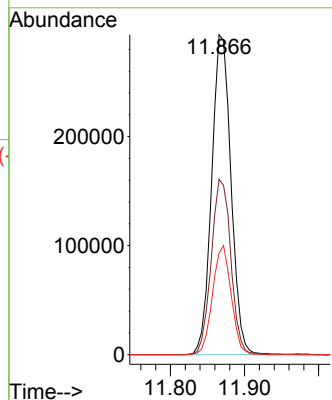
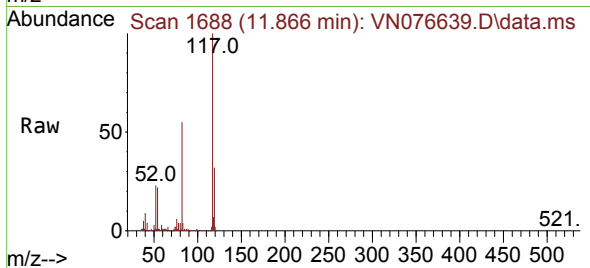
Tgt Ion:117 Resp: 531401

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.2

119 31.7 26.1 39.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076639.D

Acq: 13 Feb 2023 19:56

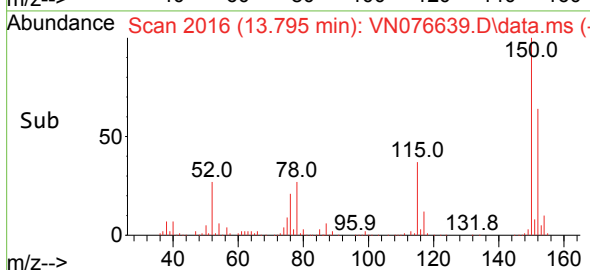
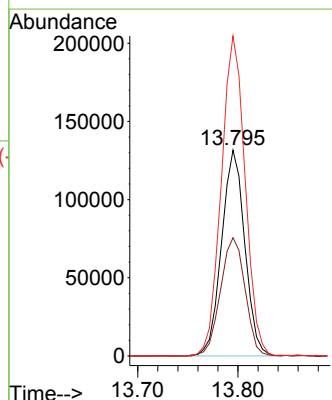
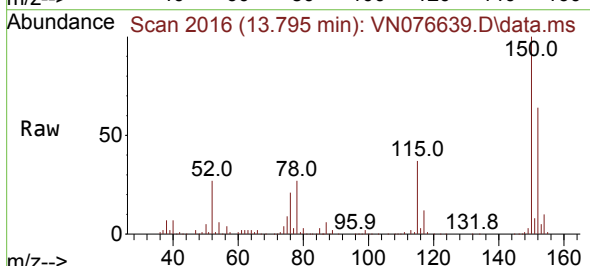
Tgt Ion:152 Resp: 211612

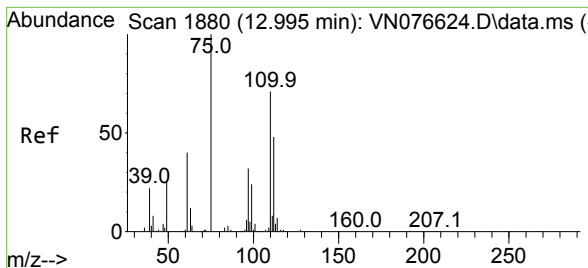
Ion Ratio Lower Upper

152 100

115 60.8 29.3 87.9

150 159.5 0.0 349.8

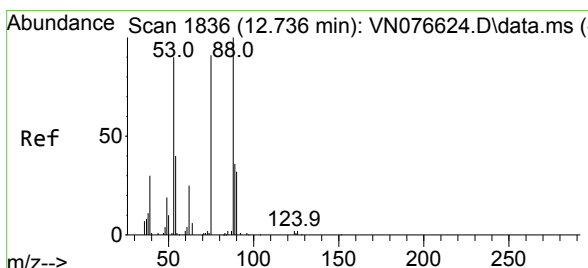
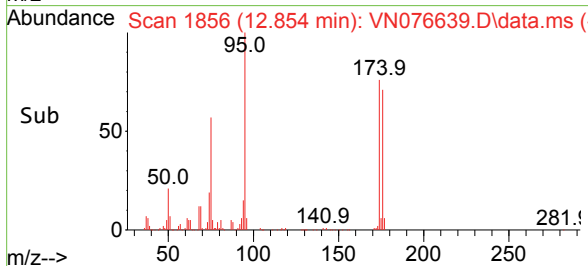
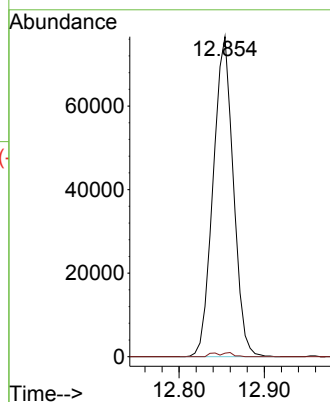
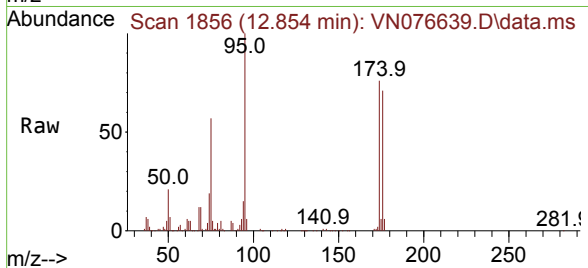




#76
1,2,3-Trichloropropane
Concen: 29.482 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076639.D
Acq: 13 Feb 2023 19:56

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

Tgt Ion: 75 Resp: 126130
Ion Ratio Lower Upper
75 100
77 0.6 93.1 279.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.868 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076639.D
Acq: 13 Feb 2023 19:56

Tgt Ion: 75 Resp: 126130
Ion Ratio Lower Upper
75 100
53 0.1 92.1 138.1#
89 0.1 37.5 56.3#

