

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076640.D
 Acq On : 13 Feb 2023 20:20
 Operator : JC\MD
 Sample : 01536-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Feb 14 05:27:20 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)

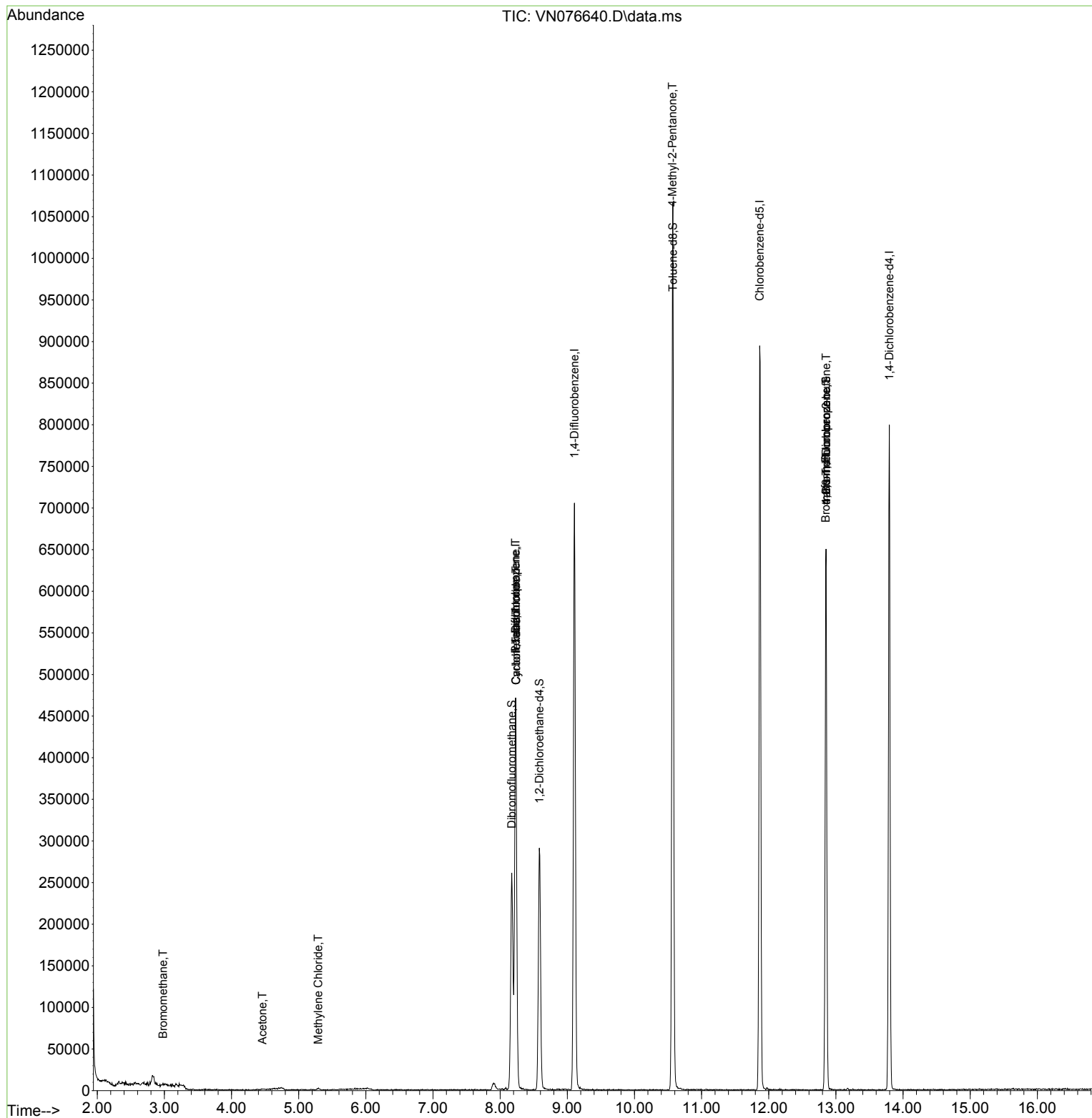
Internal Standards						
1) Pentafluorobenzene	8.231	168	322155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	590126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	499906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	200698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	224667	50.504	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.000%		
35) Dibromofluoromethane	8.172	113	179566	46.464	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 92.920%		
50) Toluene-d8	10.572	98	699408	48.460	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.920%		
62) 4-Bromofluorobenzene	12.854	95	209828	43.896	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 87.800%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.978	94	640	0.240	ug/l #	6
16) Acetone	4.460	43	935	0.471	ug/l #	42
20) Methylene Chloride	5.290	84	1039	0.249	ug/l #	43
31) Cyclohexane	8.236	56	8463	1.213	ug/l #	30
36) 1,1-Dichloropropene	8.231	75	29615	5.304	ug/l #	45
38) Carbon Tetrachloride	8.236	117	33968	6.030	ug/l #	16
51) 4-Methyl-2-Pentanone	10.566	43	3666	0.603	ug/l #	1
71) Bromoform	12.848	173	3612	1.280	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	119223	29.383	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	119223	85.580	ug/l #	4

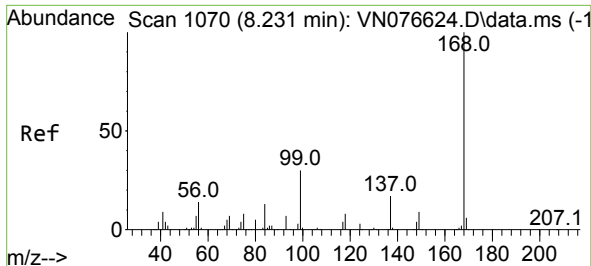
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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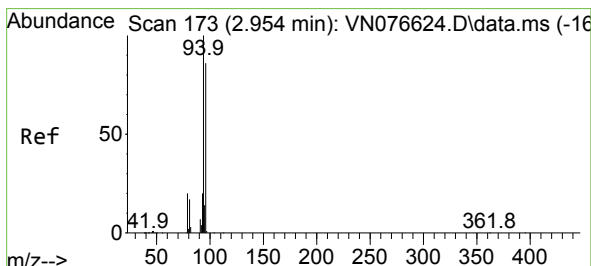
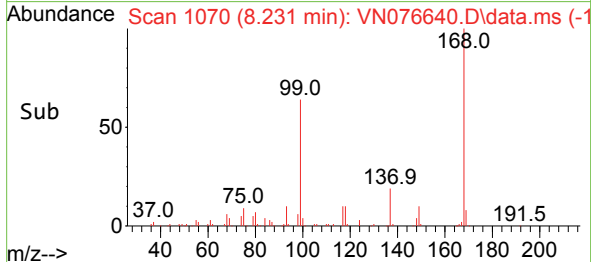
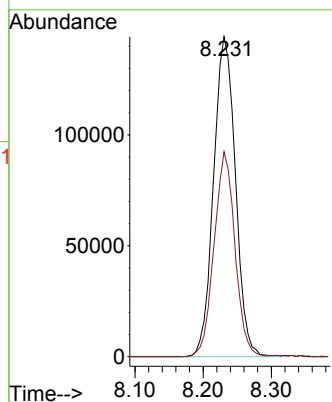
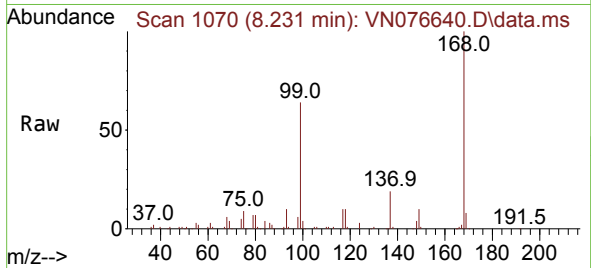




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076640.D
Acq: 13 Feb 2023 20:20

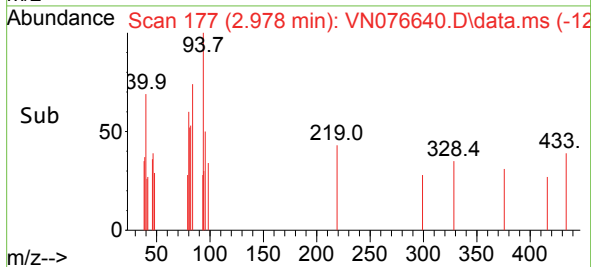
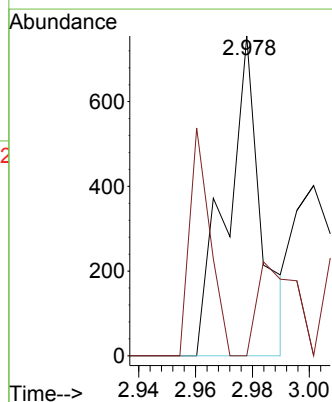
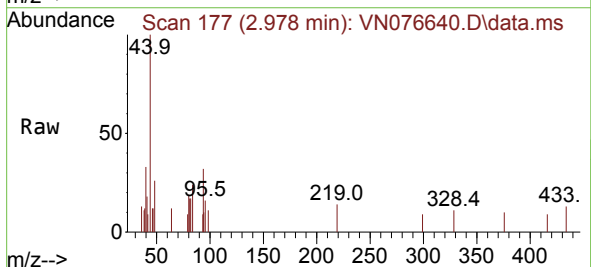
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

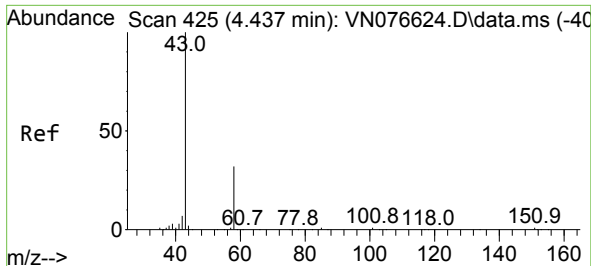
Tgt Ion:168 Resp: 322155
Ion Ratio Lower Upper
168 100
99 64.1 44.8 67.2



#5
Bromomethane
Concen: 0.240 ug/l
RT: 2.978 min Scan# 177
Delta R.T. 0.024 min
Lab File: VN076640.D
Acq: 13 Feb 2023 20:20

Tgt Ion: 94 Resp: 640
Ion Ratio Lower Upper
94 100
96 0.0 69.0 103.4#





#16

Acetone

Concen: 0.471 ug/l

RT: 4.460 min Scan# 41

Delta R.T. 0.023 min

Lab File: VN076640.D

Acq: 13 Feb 2023 20:20

Instrument :

MSVOA_N

ClientSampleId :

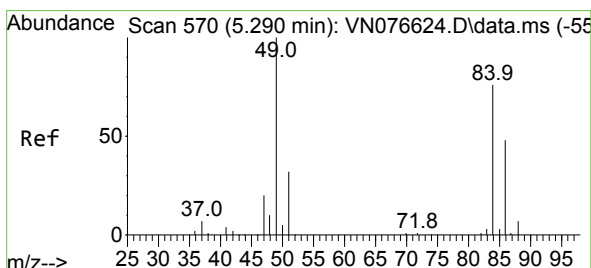
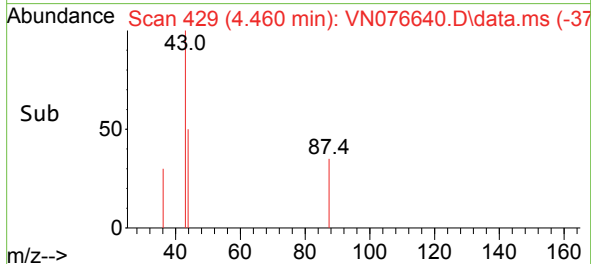
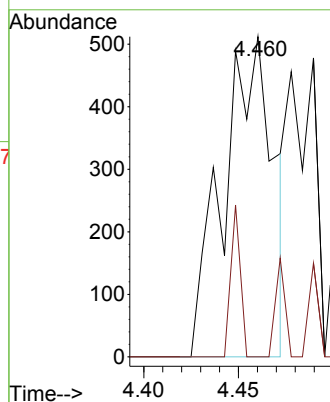
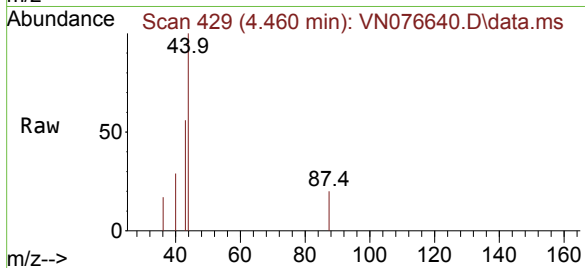
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 935

Ion Ratio Lower Upper

43 100

58 0.0 25.9 38.9#



#20

Methylene Chloride

Concen: 0.249 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN076640.D

Acq: 13 Feb 2023 20:20

Tgt Ion: 84 Resp: 1039

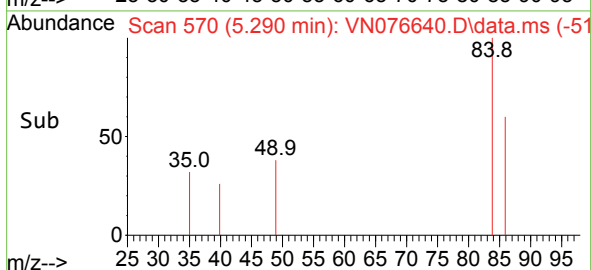
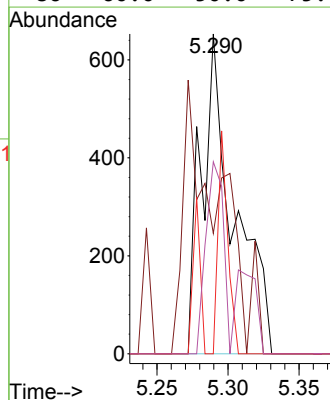
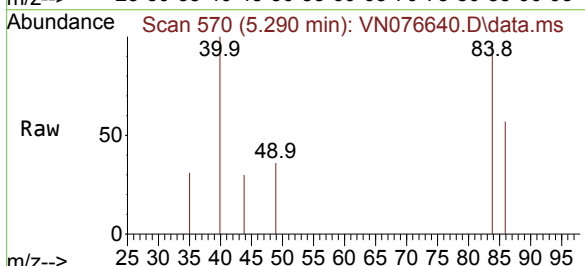
Ion Ratio Lower Upper

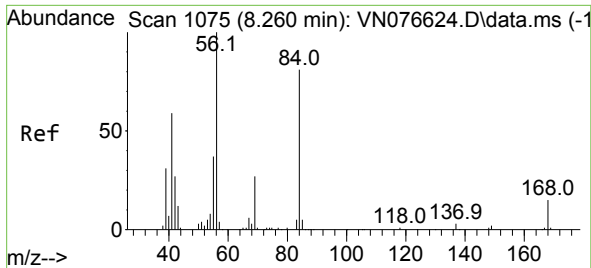
84 100

49 37.7 104.9 157.3#

51 0.0 33.8 50.8#

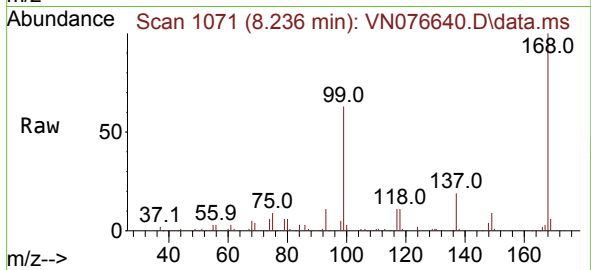
86 60.0 50.0 75.0



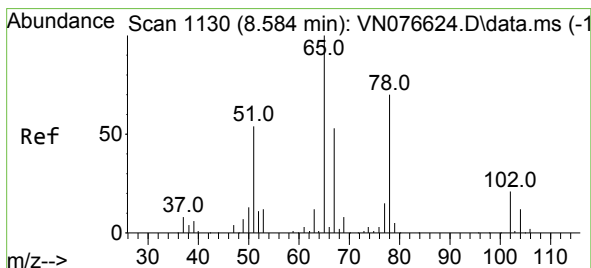
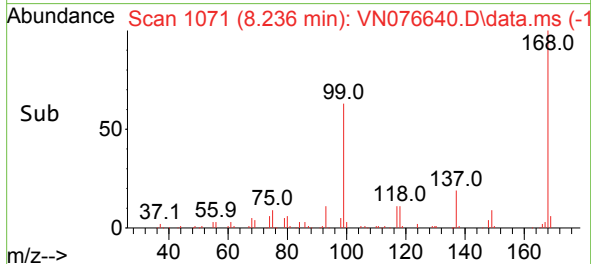
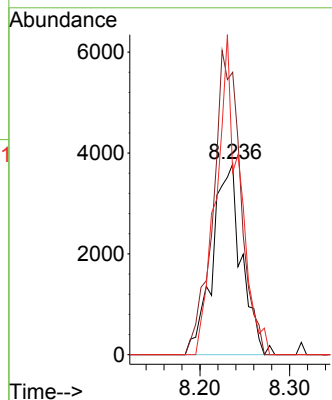


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.024 min
Lab File: VN076640.D
Acq: 13 Feb 2023 20:20

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

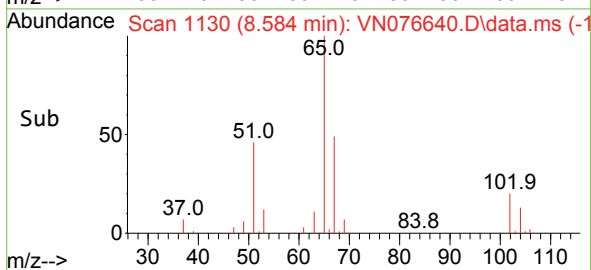
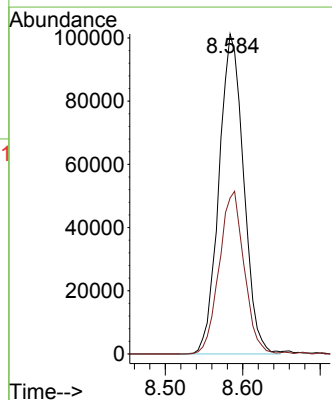
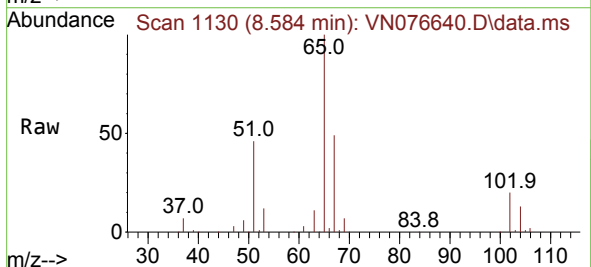


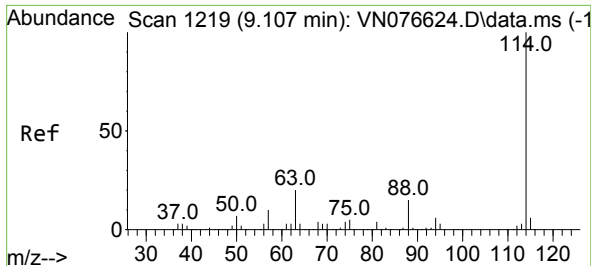
Tgt Ion: 56 Resp: 8463
Ion Ratio Lower Upper
56 100
69 148.0 21.6 32.4#
84 95.6 65.1 97.7



#33
1,2-Dichloroethane-d4
Concen: 50.504 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076640.D
Acq: 13 Feb 2023 20:20

Tgt Ion: 65 Resp: 224667
Ion Ratio Lower Upper
65 100
67 51.2 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: VN076640.D

Acq: 13 Feb 2023 20:20

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

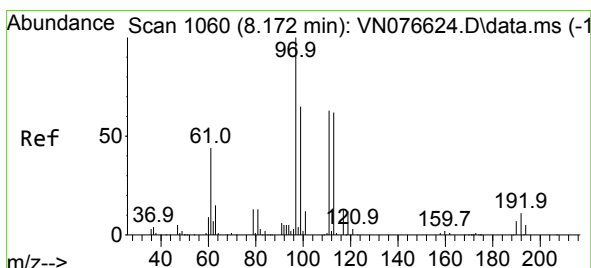
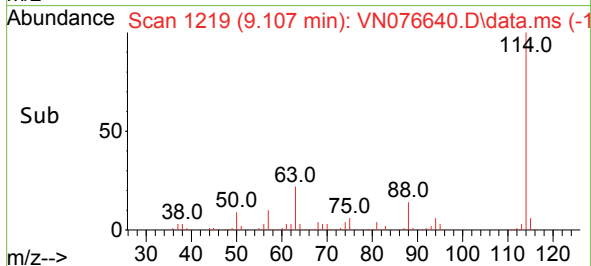
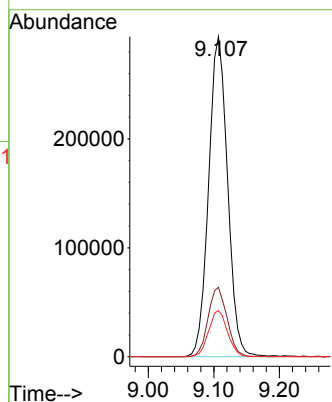
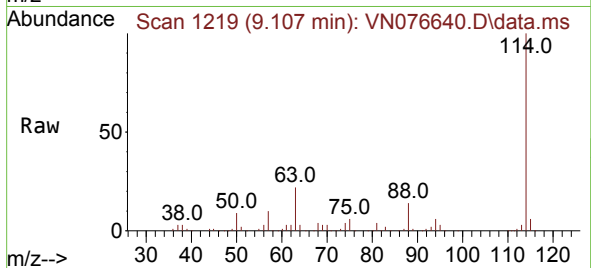
Tgt Ion:114 Resp: 590126

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 14.4 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.464 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076640.D

Acq: 13 Feb 2023 20:20

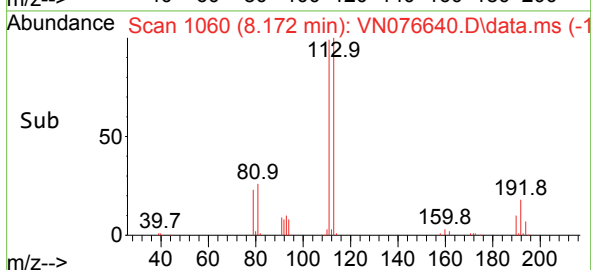
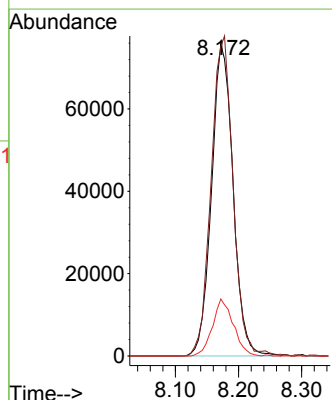
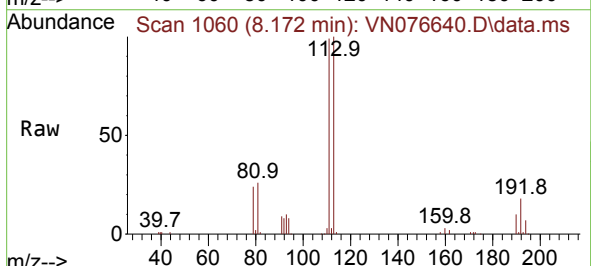
Tgt Ion:113 Resp: 179566

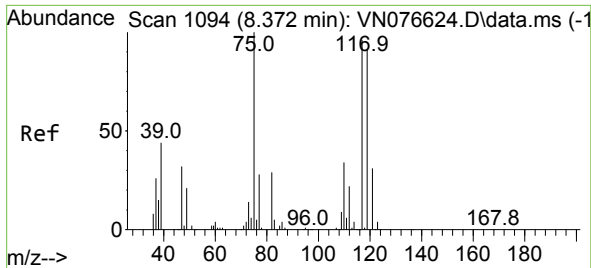
Ion Ratio Lower Upper

113 100

111 104.5 83.1 124.7

192 17.7 15.6 23.4

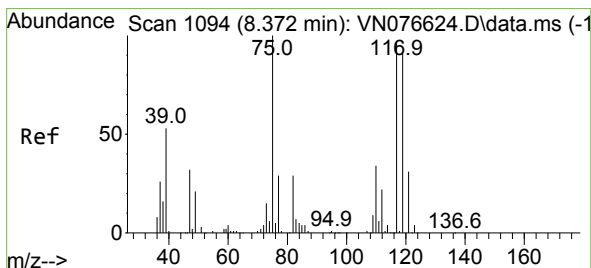
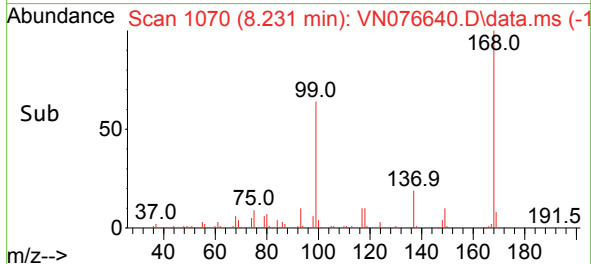
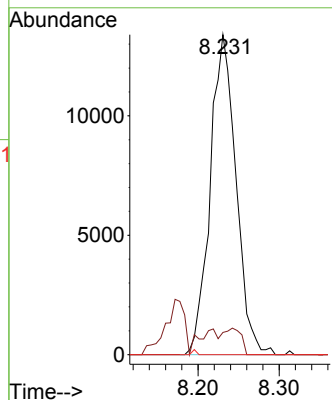
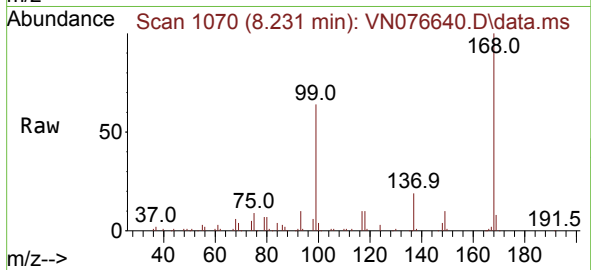




#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN076640.D
Acq: 13 Feb 2023 20:20

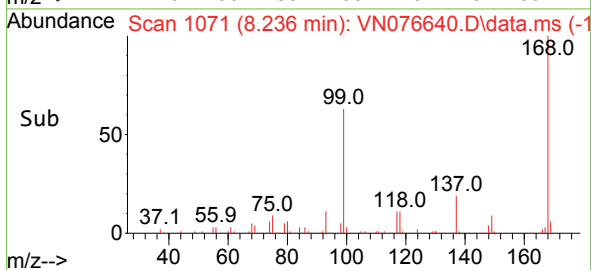
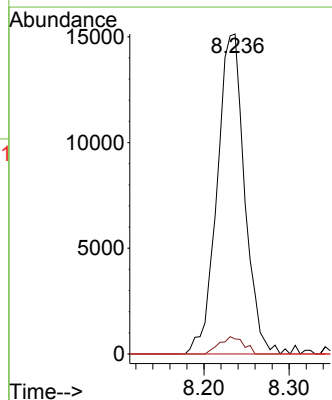
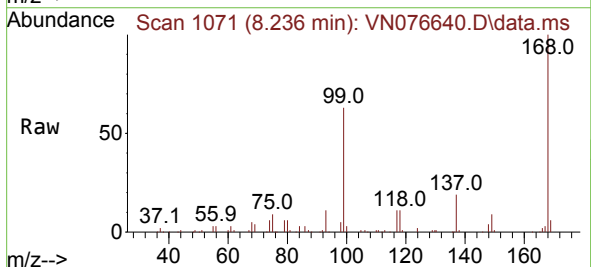
Instrument :
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STORAGE-BLANK-WATER-REF-4

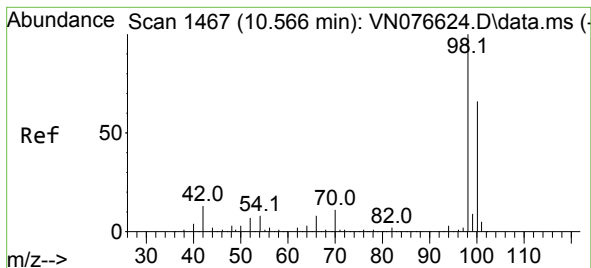
Tgt Ion: 75 Resp: 29615
Ion Ratio Lower Upper
75 100
110 4.1 17.5 52.5#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.030 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.135 min
Lab File: VN076640.D
Acq: 13 Feb 2023 20:20

Tgt Ion: 117 Resp: 33968
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.0#
121 0.0 26.0 39.0#





#50

Toluene-d8

Concen: 48.460 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076640.D

Acq: 13 Feb 2023 20:20

Instrument :

MSVOA_N

ClientSampleId :

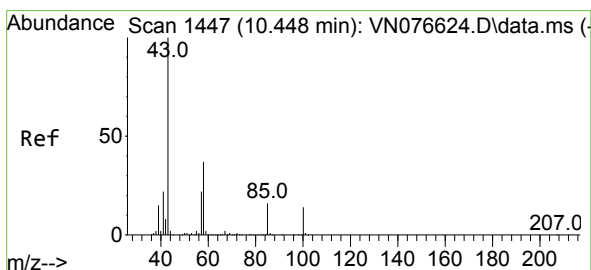
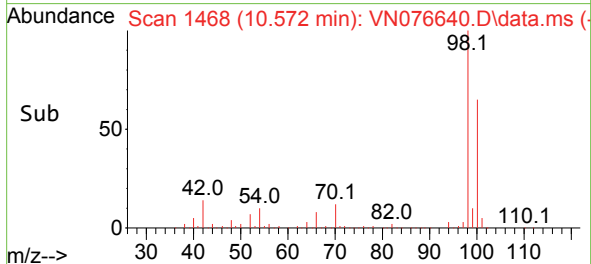
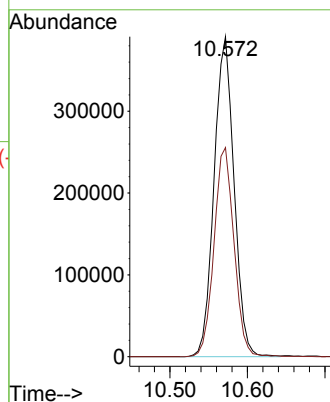
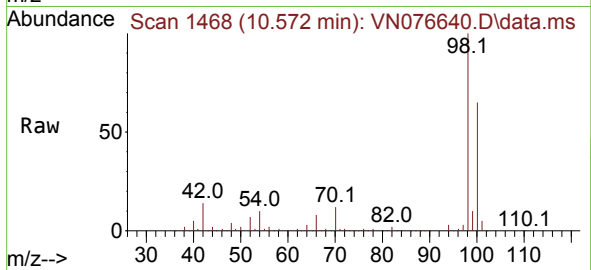
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 699408

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 0.603 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. 0.118 min

Lab File: VN076640.D

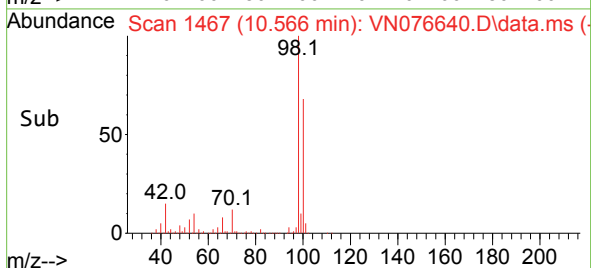
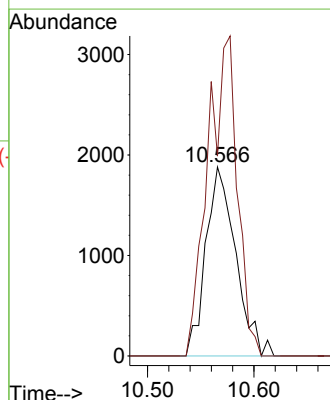
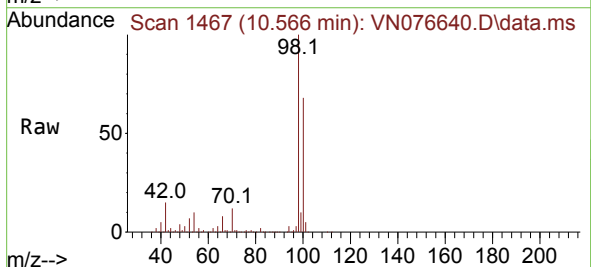
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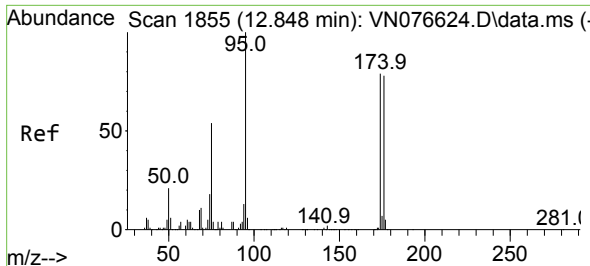
Tgt Ion: 43 Resp: 3666

Ion Ratio Lower Upper

43 100

58 166.5 29.5 44.3#

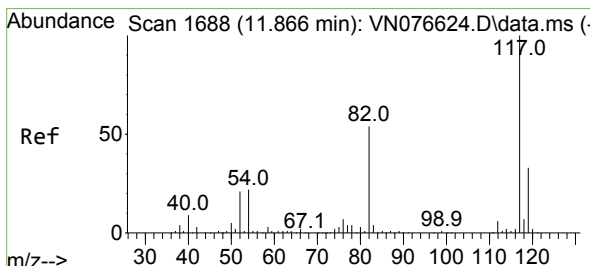
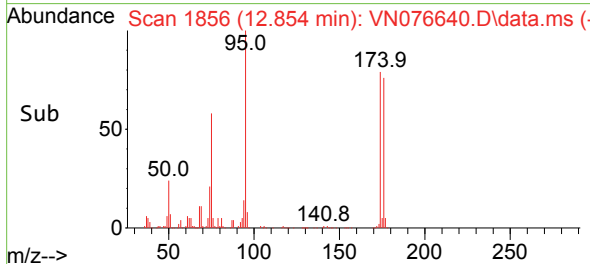
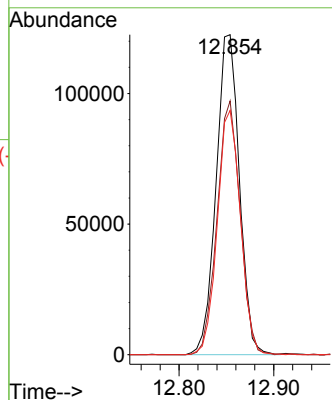
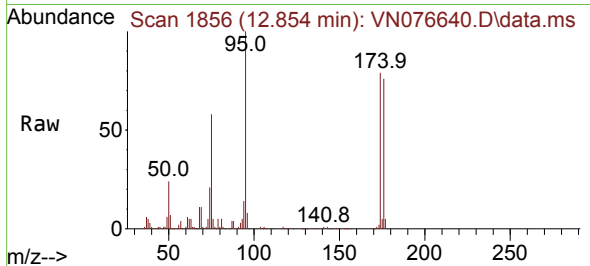




#62
4-Bromofluorobenzene
Concen: 43.896 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076640.D
Acq: 13 Feb 2023 20:20

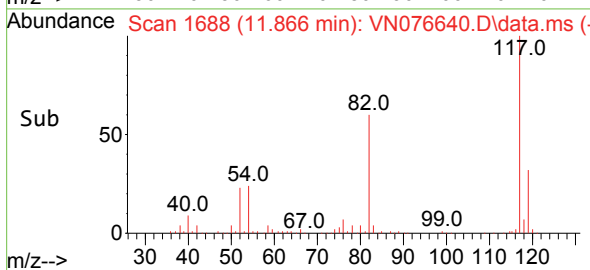
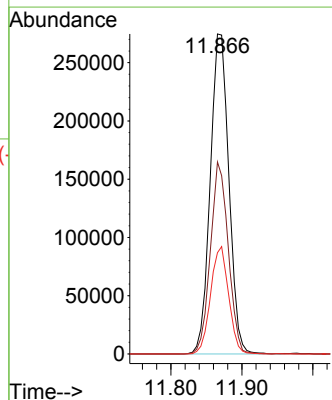
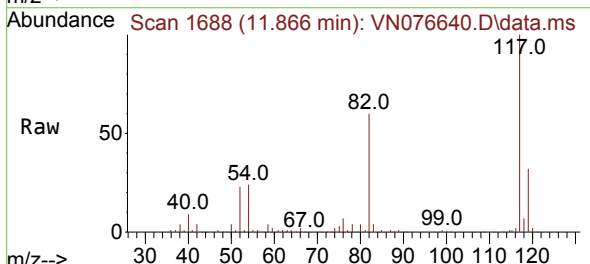
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4

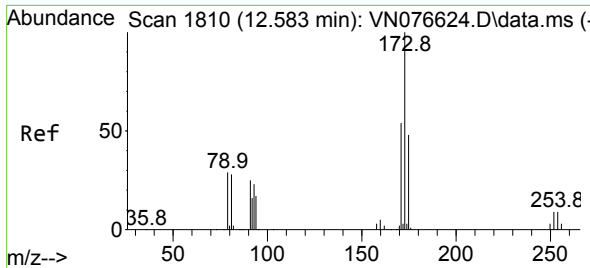
Tgt Ion: 95 Resp: 209828
Ion Ratio Lower Upper
95 100
174 78.3 0.0 169.2
176 75.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076640.D
Acq: 13 Feb 2023 20:20

Tgt Ion: 117 Resp: 499906
Ion Ratio Lower Upper
117 100
82 60.0 43.4 65.2
119 31.7 26.1 39.1

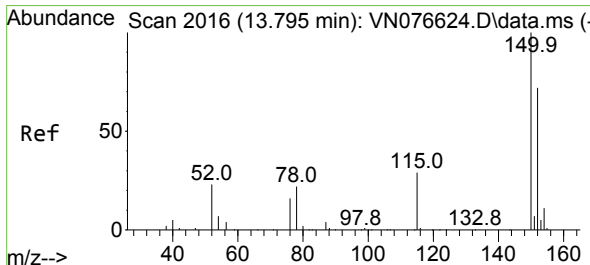
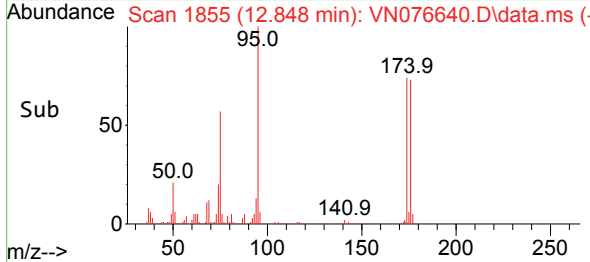
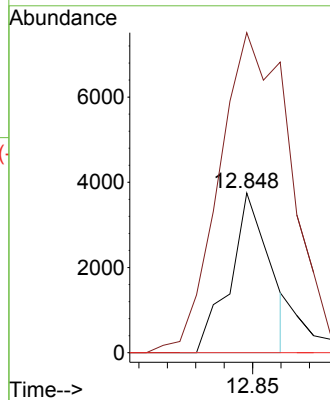
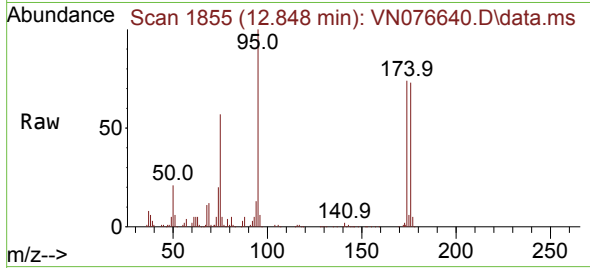




#71
Bromoform
Concen: 1.280 ug/l
RT: 12.848 min Scan# 1810
Delta R.T. 0.265 min
Lab File: VN076640.D
Acq: 13 Feb 2023 20:20

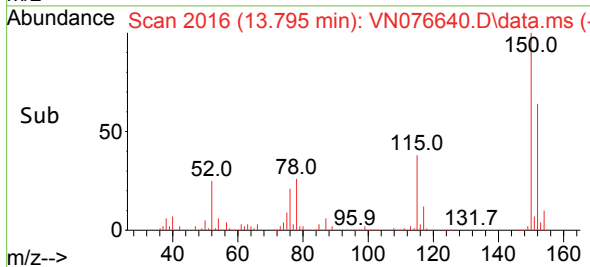
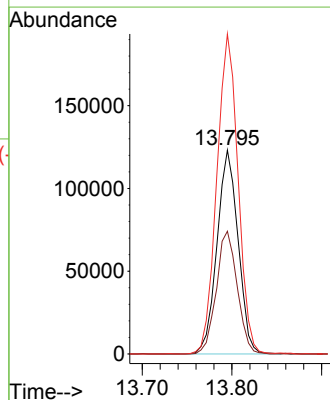
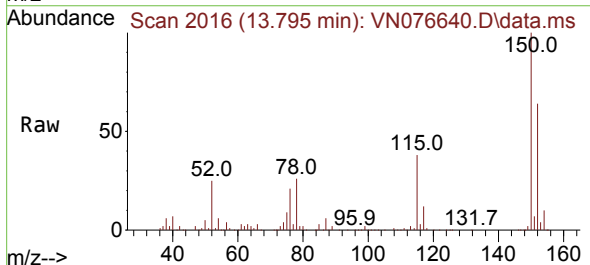
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

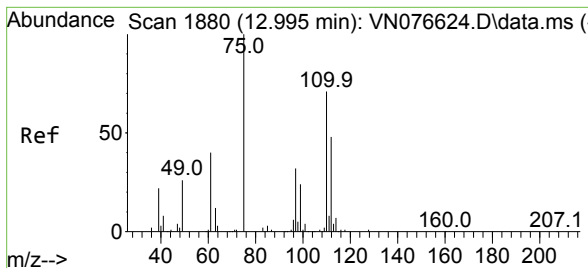
Tgt Ion:173 Resp: 3612
Ion Ratio Lower Upper
173 100
175 243.5 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076640.D
Acq: 13 Feb 2023 20:20

Tgt Ion:152 Resp: 200698
Ion Ratio Lower Upper
152 100
115 59.8 29.3 87.9
150 158.0 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 29.383 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN076640.D

Acq: 13 Feb 2023 20:20

Instrument :

MSVOA_N

ClientSampleId :

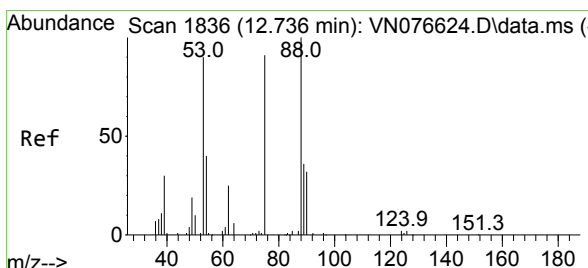
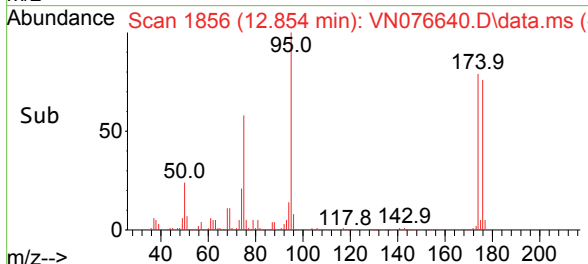
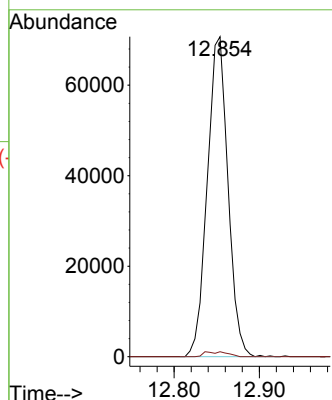
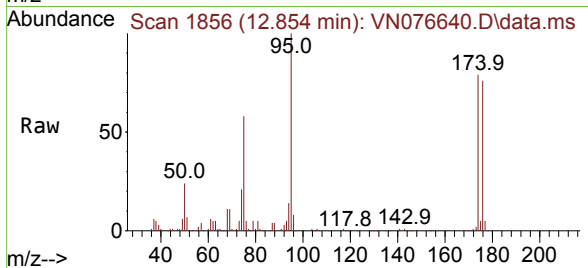
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 119223

Ion Ratio Lower Upper

75 100

77 0.9 93.1 279.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.580 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.118 min

Lab File: VN076640.D

Acq: 13 Feb 2023 20:20

Tgt Ion: 75 Resp: 119223

Ion Ratio Lower Upper

75 100

53 0.0 92.1 138.1#

89 0.0 37.5 56.3#

