

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079853.D
 Acq On : 03 Nov 2023 16:51
 Operator : JC\MD
 Sample : 05139-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Nov 04 00:54:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

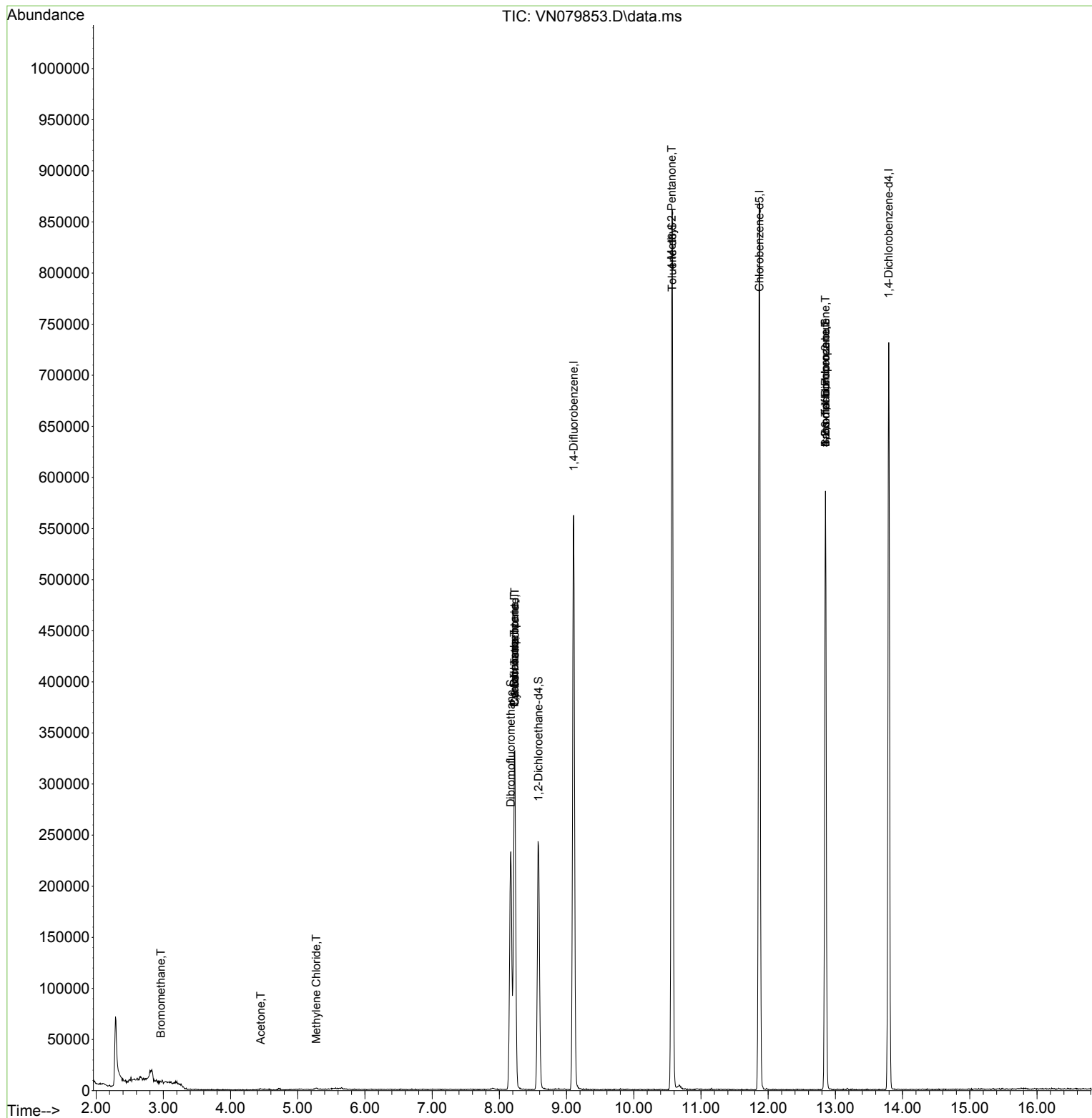
Internal Standards						
1) Pentafluorobenzene	8.224	168	234960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	472923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	482566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	199589	55.756	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.520%	
35) Dibromofluoromethane	8.171	113	167920	50.168	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.340%	
50) Toluene-d8	10.570	98	572290	46.444	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.880%	
62) 4-Bromofluorobenzene	12.853	95	190269	46.559	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1785	Below Cal	#	63
5) Bromomethane	2.965	94	845	0.375	ug/l	82
16) Acetone	4.447	43	1728	1.374	ug/l #	40
20) Methylene Chloride	5.277	84	681	0.215	ug/l #	63
31) Cyclohexane	8.224	56	6100	1.290	ug/l #	43
36) 1,1-Dichloropropene	8.224	75	21058	4.406	ug/l #	49
38) Carbon Tetrachloride	8.229	117	25948	5.387	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	2654	0.613	ug/l #	1
71) Bromoform	12.853	173	1613	0.602	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	105329	23.698	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	105329	64.477	ug/l #	15

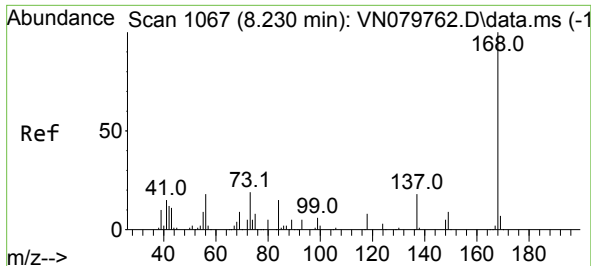
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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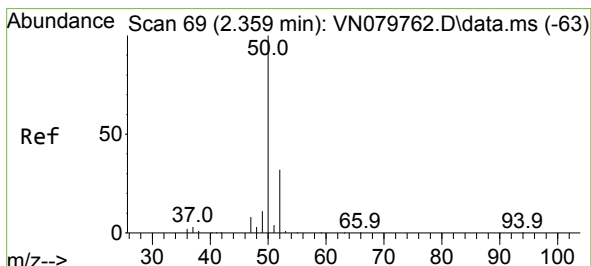
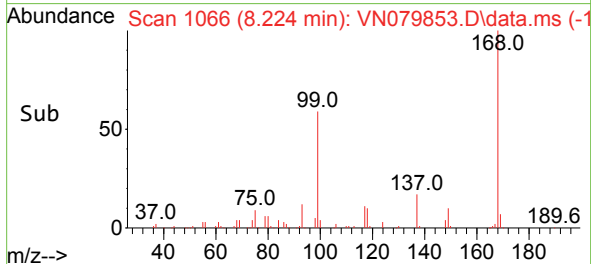
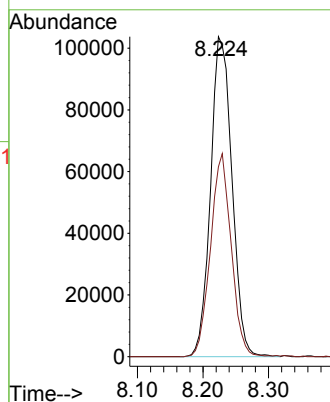
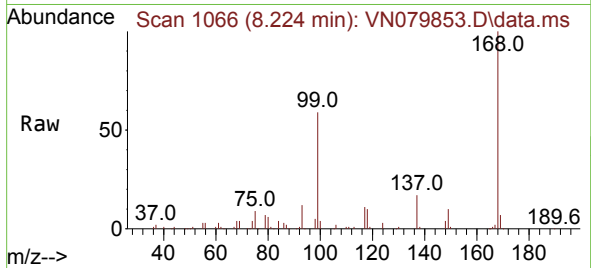




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

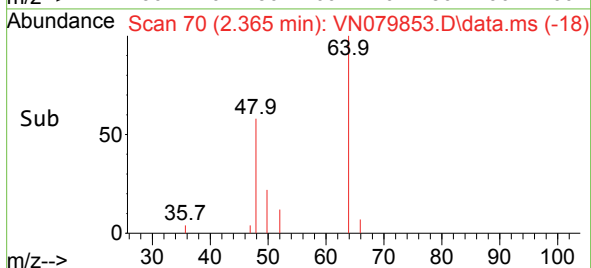
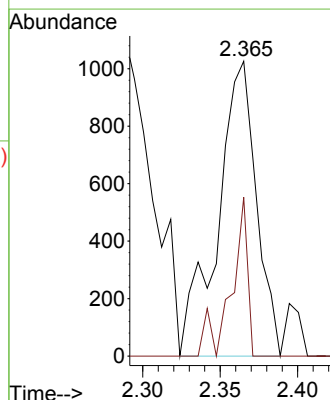
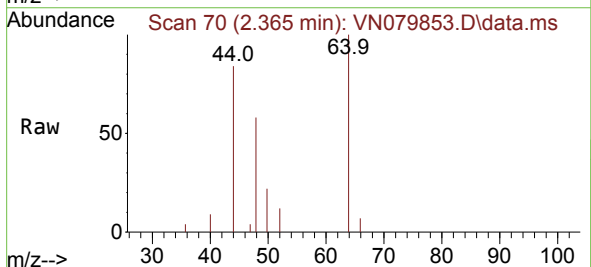
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 234960
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

Tgt Ion: 50 Resp: 1785
Ion Ratio Lower Upper
50 100
52 53.9 26.5 39.7#

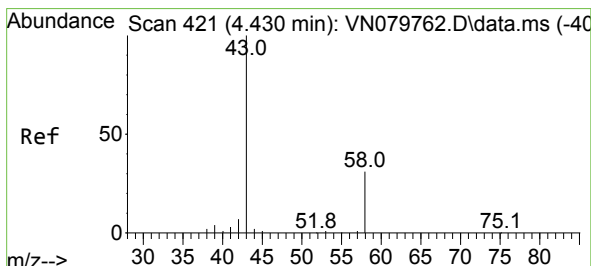
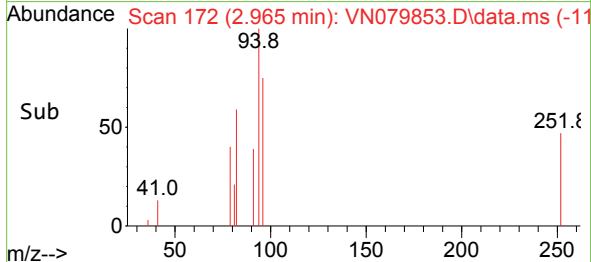
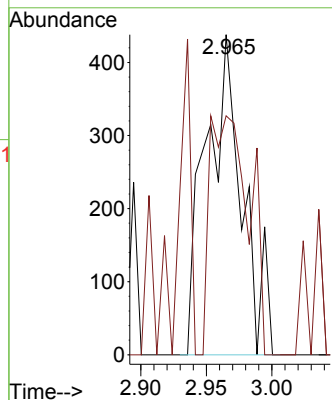
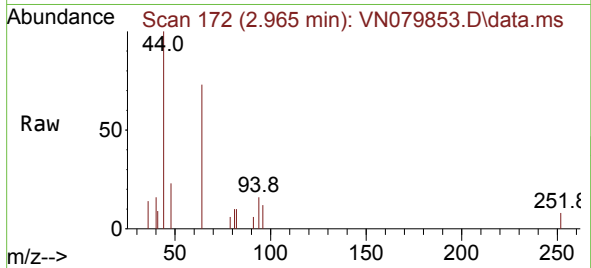




#5
Bromomethane
Concen: 0.375 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

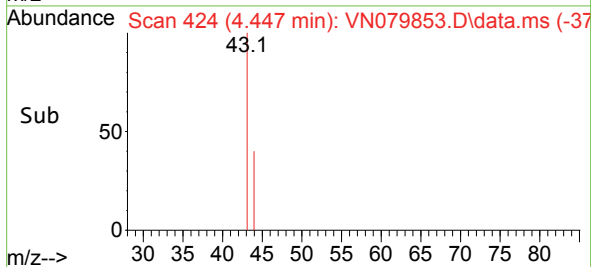
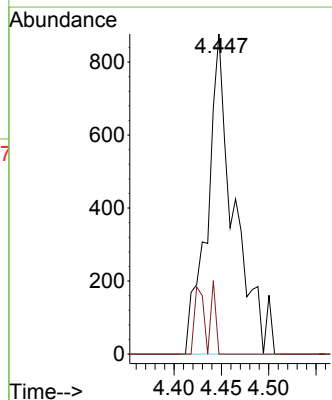
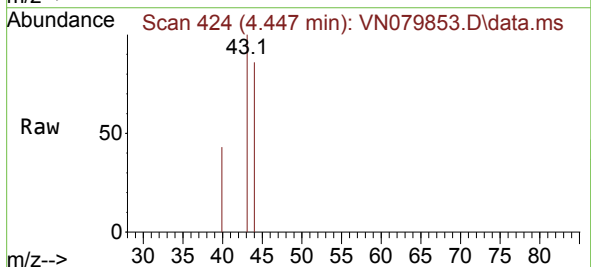
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

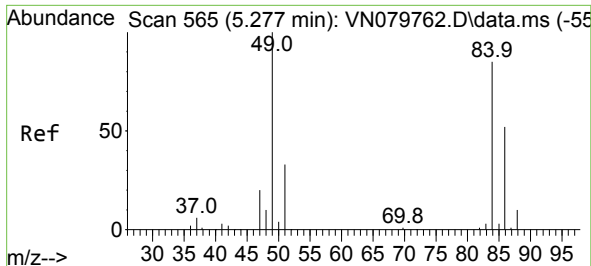
Tgt Ion: 94 Resp: 845
Ion Ratio Lower Upper
94 100
96 74.7 73.1 109.7



#16
Acetone
Concen: 1.374 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

Tgt Ion: 43 Resp: 1728
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

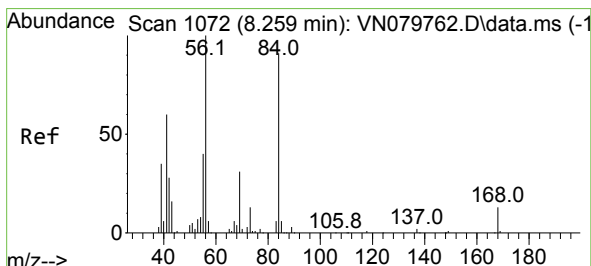
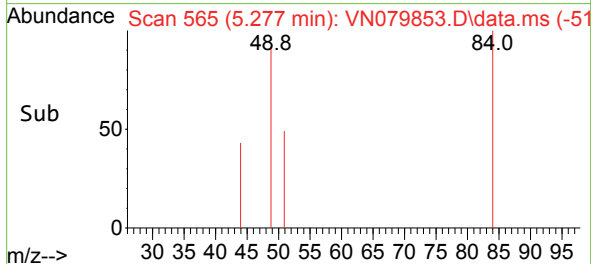
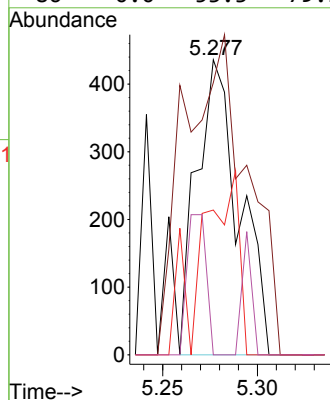
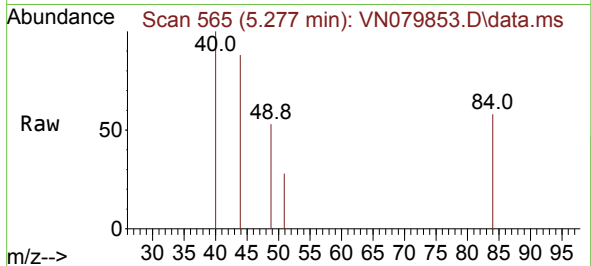




#20
Methylene Chloride
Concen: 0.215 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

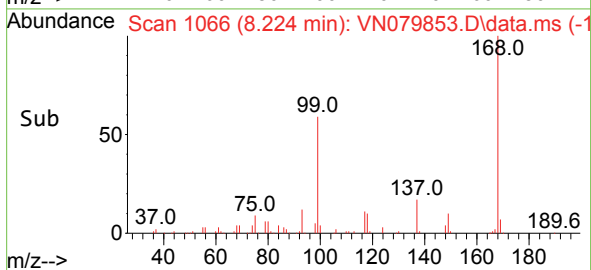
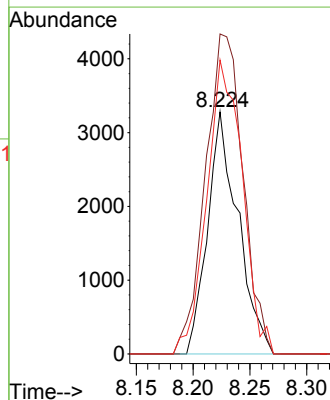
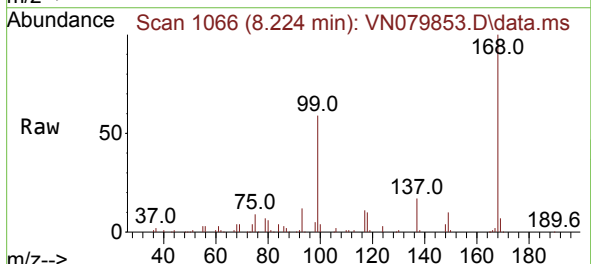
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

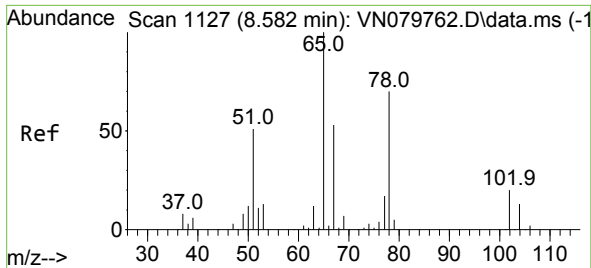
Tgt Ion:	84	Resp:	681
Ion	Ratio	Lower	Upper
84	100		
49	92.2	79.7	119.5
51	49.1	25.2	37.8#
86	0.0	53.3	79.9#



#31
Cyclohexane
Concen: 1.290 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

Tgt Ion:	56	Resp:	6100
Ion	Ratio	Lower	Upper
56	100		
69	132.1	26.8	40.2#
84	121.4	81.8	122.6

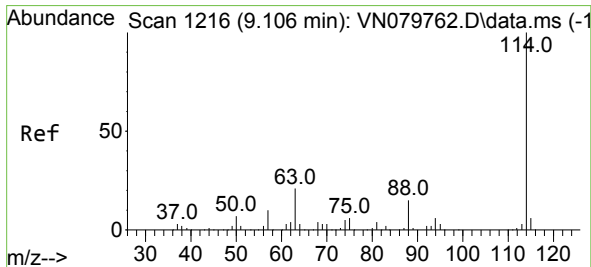
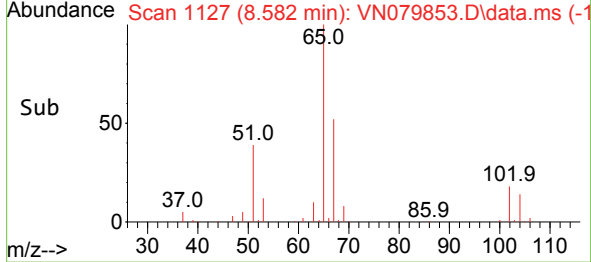
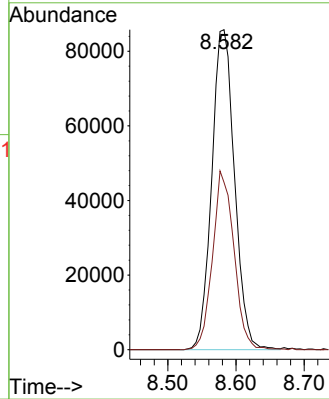
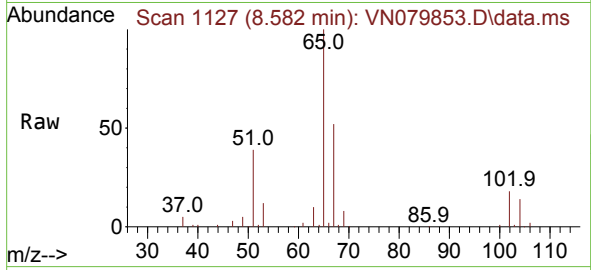




#33
1,2-Dichloroethane-d4
Concen: 55.756 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

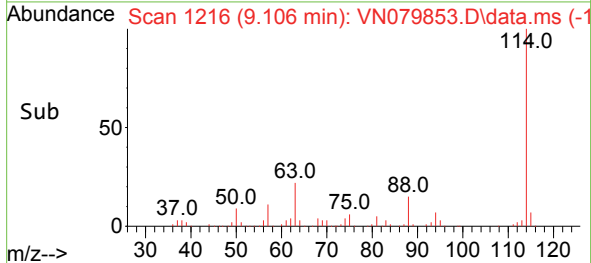
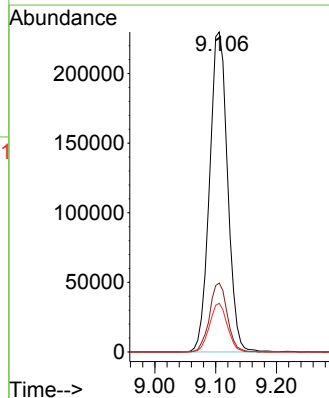
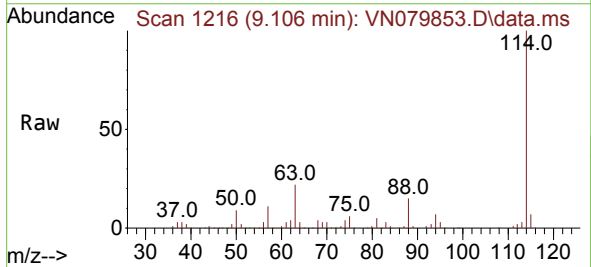
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

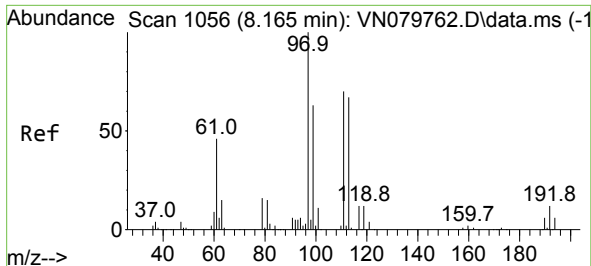
Tgt Ion: 65 Resp: 199589
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

Tgt Ion: 114 Resp: 472923
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.4
88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.168 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079853.D

Acq: 03 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

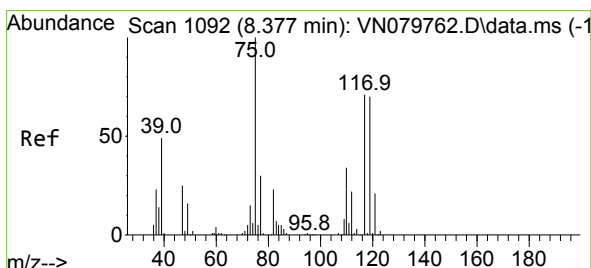
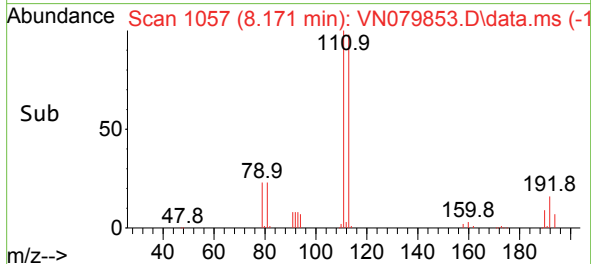
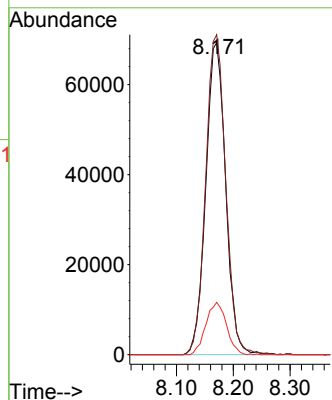
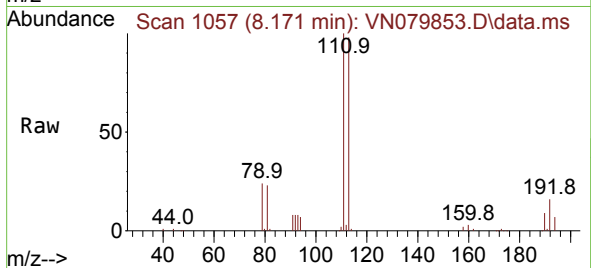
Tgt Ion:113 Resp: 167920

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 17.4 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.406 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN079853.D

Acq: 03 Nov 2023 16:51

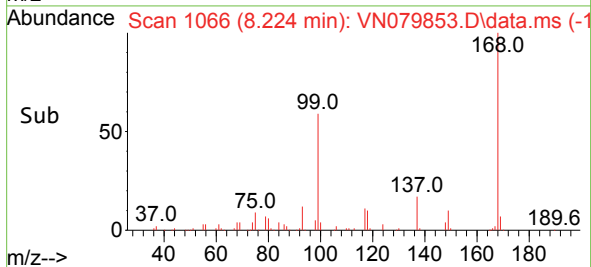
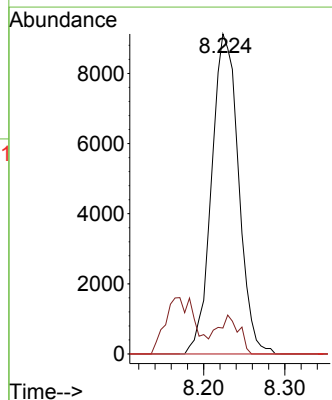
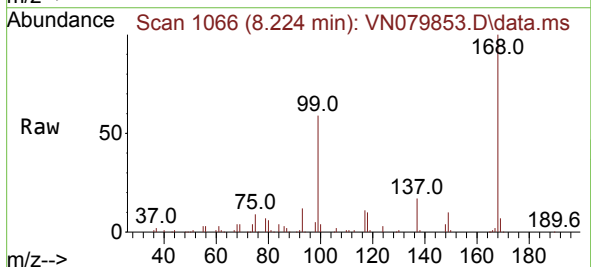
Tgt Ion: 75 Resp: 21058

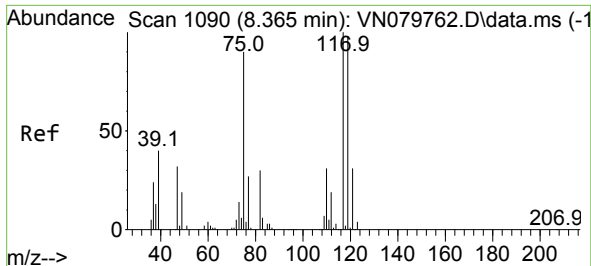
Ion Ratio Lower Upper

75 100

110 9.7 19.1 57.3#

77 0.0 25.0 37.4#

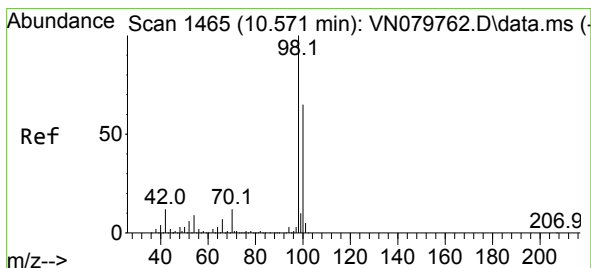
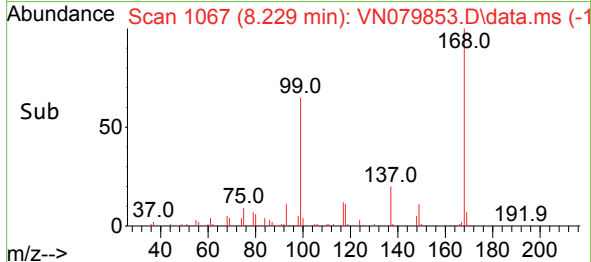
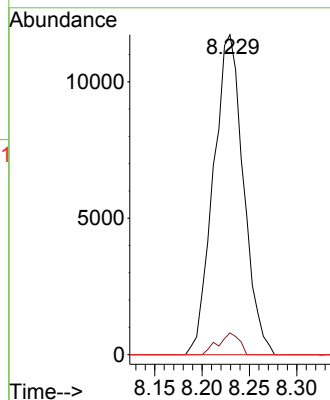
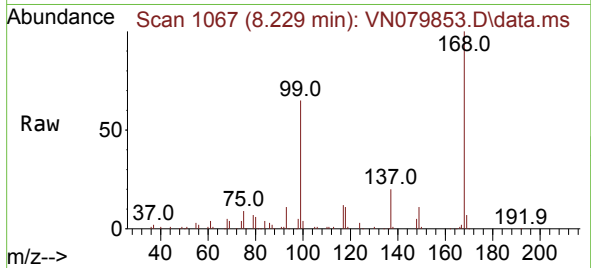




#38
Carbon Tetrachloride
Concen: 5.387 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

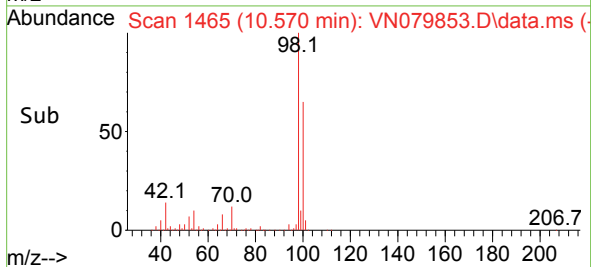
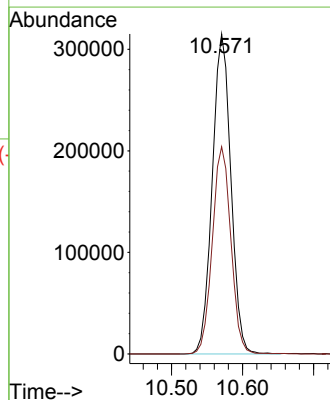
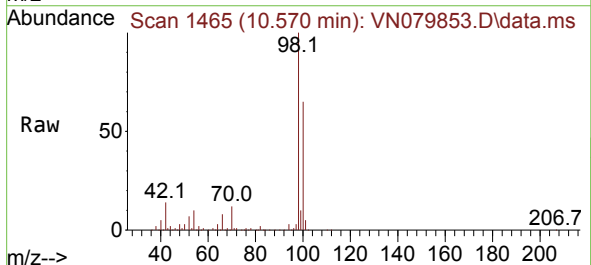
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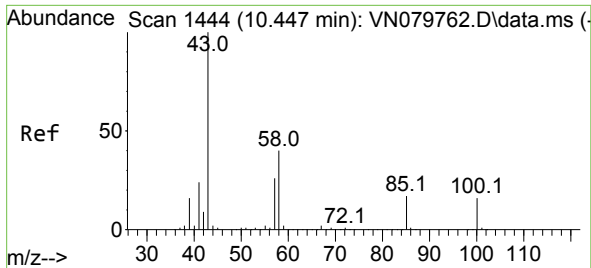
Tgt Ion:117 Resp: 25948
Ion Ratio Lower Upper
117 100
119 6.8 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 46.444 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

Tgt Ion: 98 Resp: 572290
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

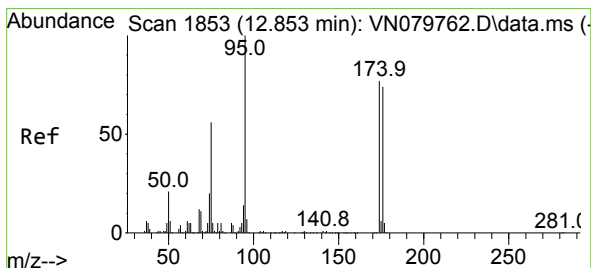
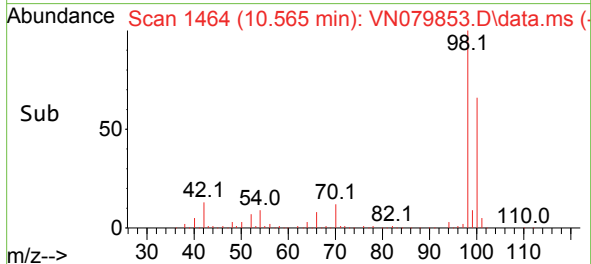
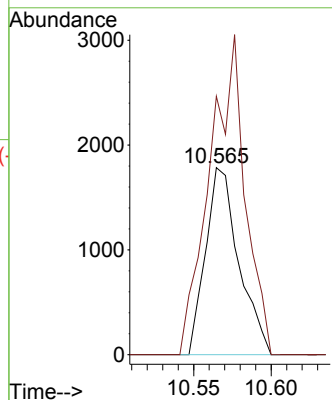
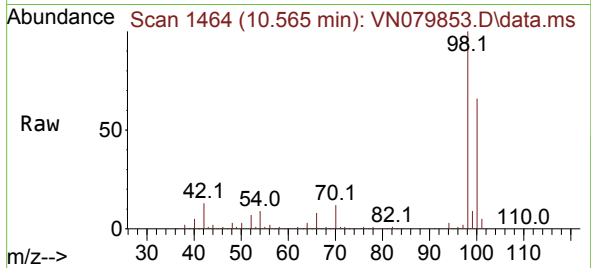




#51
4-Methyl-2-Pentanone
Concen: 0.613 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

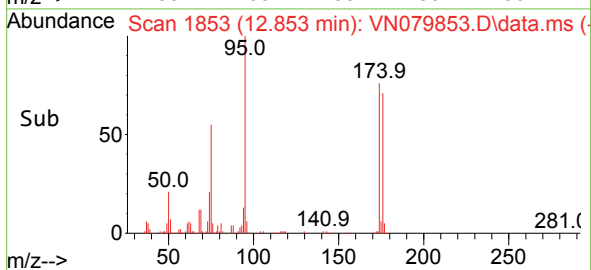
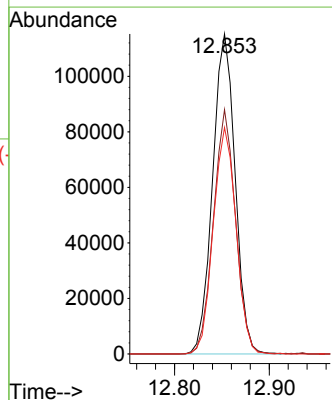
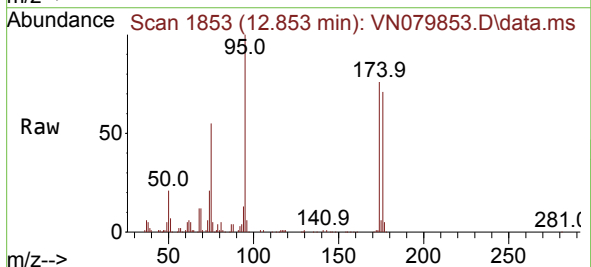
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

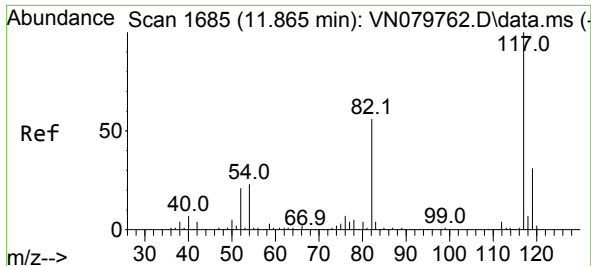
Tgt Ion: 43 Resp: 2654
Ion Ratio Lower Upper
43 100
58 182.5 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 46.559 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

Tgt Ion: 95 Resp: 190269
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 71.6 0.0 135.8

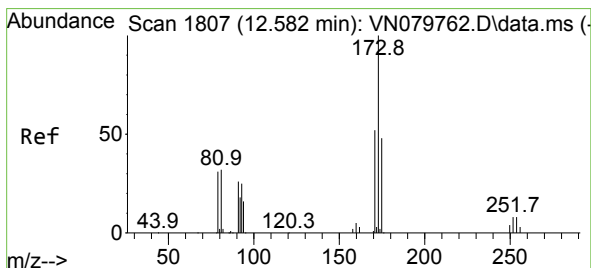
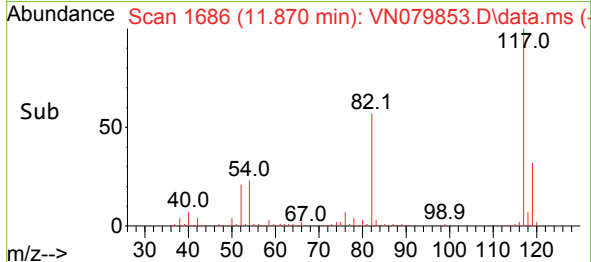
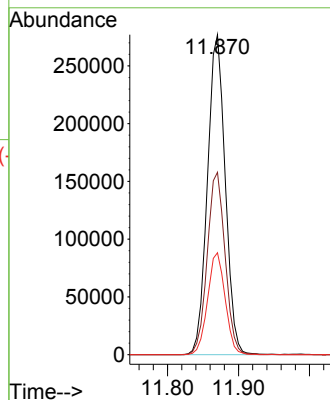
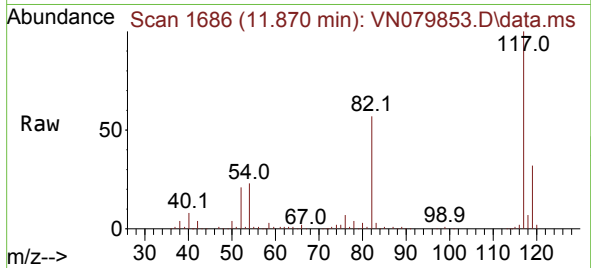




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

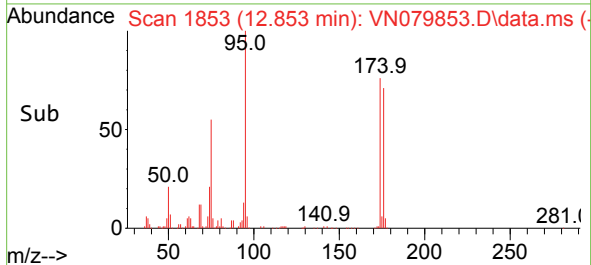
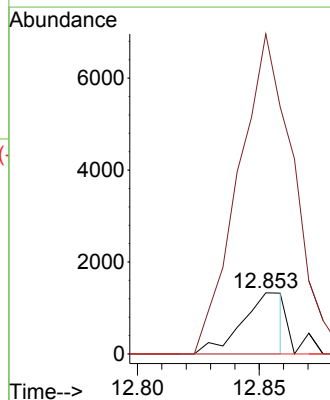
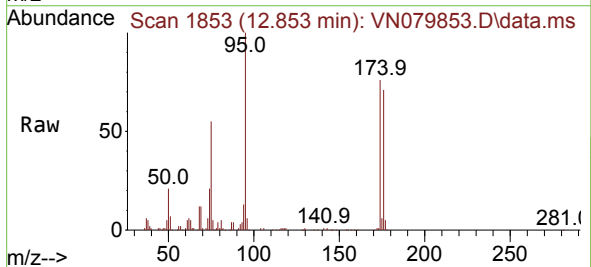
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

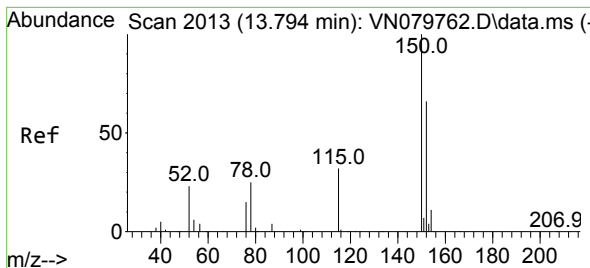
Tgt Ion:117 Resp: 482566
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 31.8 25.6 38.4



#71
Bromoform
Concen: 0.602 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN079853.D
Acq: 03 Nov 2023 16:51

Tgt Ion:173 Resp: 1613
Ion Ratio Lower Upper
173 100
175 531.0 24.3 73.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079853.D

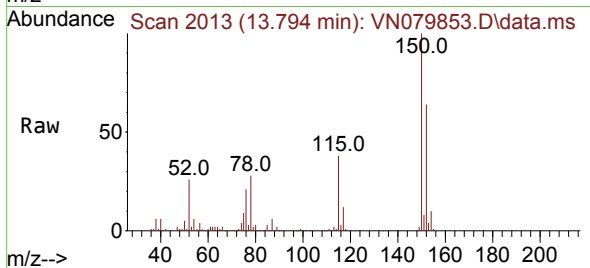
Acq: 03 Nov 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



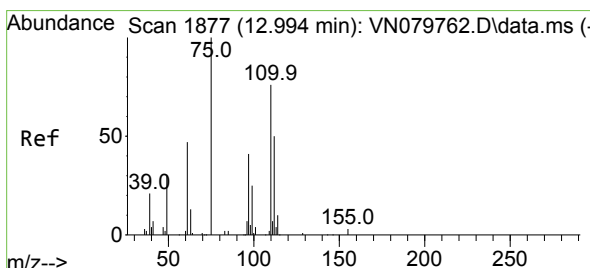
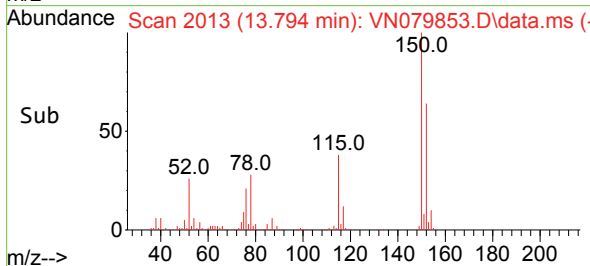
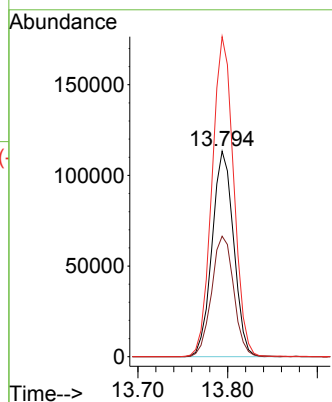
Tgt Ion:152 Resp: 189317

Ion Ratio Lower Upper

152 100

115 60.0 32.3 96.8

150 156.3 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 23.698 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079853.D

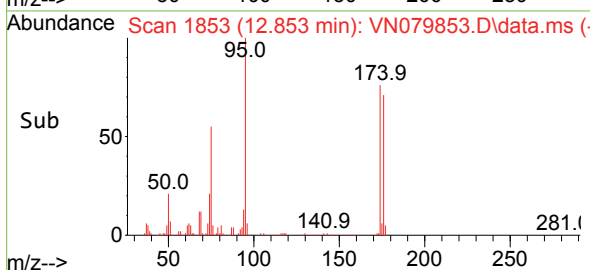
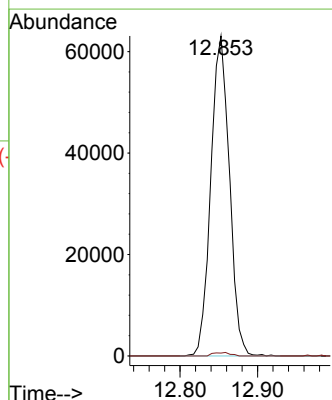
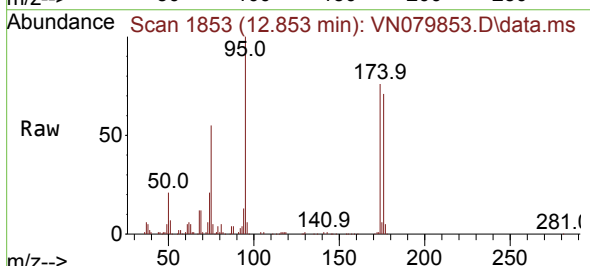
Acq: 03 Nov 2023 16:51

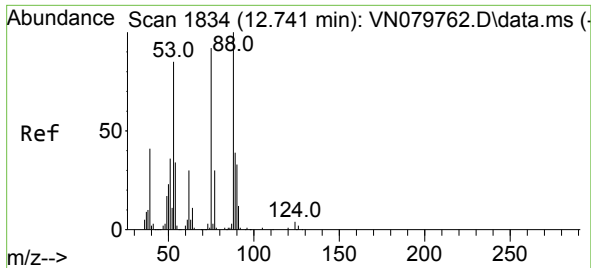
Tgt Ion: 75 Resp: 105329

Ion Ratio Lower Upper

75 100

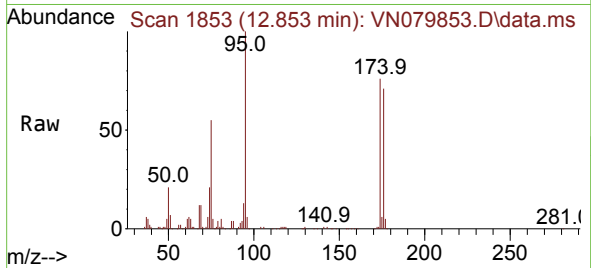
77 1.0 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.477 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN079853.D
 Acq: 03 Nov 2023 16:51

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



Tgt Ion: 75 Resp: 105329
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

