

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076153.D
 Acq On : 09 Jan 2023 14:04
 Operator : JC\MD
 Sample : 01078-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jan 10 01:06:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

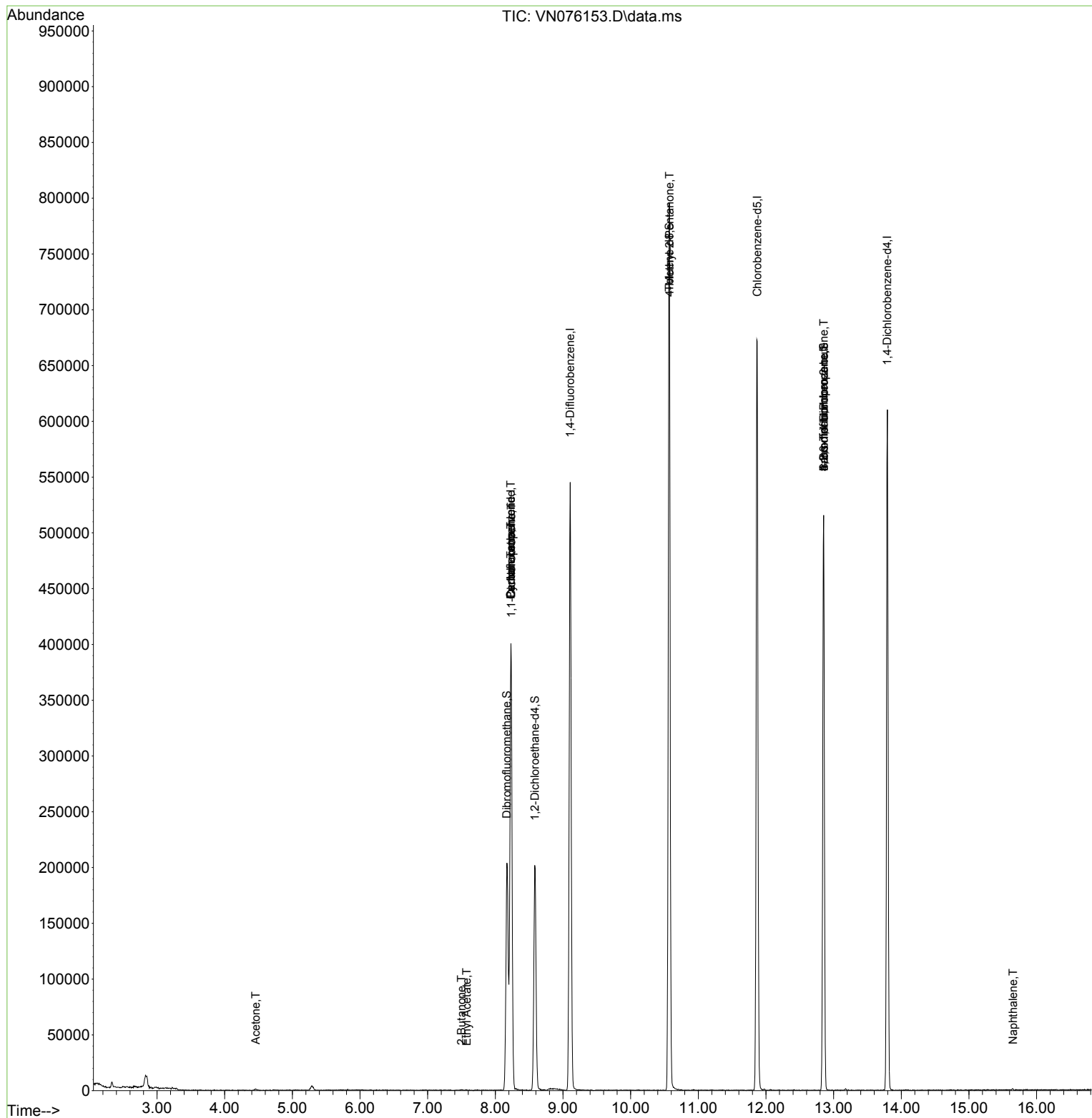
Internal Standards						
1) Pentafluorobenzene	8.230	168	307024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	488446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	416808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	168098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	163310	48.893	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.780%		
35) Dibromofluoromethane	8.171	113	145490	48.098	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.200%		
50) Toluene-d8	10.571	98	565300	49.984	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.960%		
62) 4-Bromofluorobenzene	12.853	95	169593	45.274	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.540%		
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	1184	1.028	ug/l	89
20) Methylene Chloride	5.289	84	1964	Below Cal	#	75
25) 2-Butanone	7.500	43	809	0.502	ug/l #	80
31) Cyclohexane	8.230	56	5971	1.248	ug/l #	41
36) 1,1-Dichloropropene	8.236	75	21897	5.449	ug/l #	50
37) Ethyl Acetate	7.577	43	652	0.202	ug/l #	65
38) Carbon Tetrachloride	8.230	117	29322	6.520	ug/l #	16
51) 4-Methyl-2-Pentanone	10.577	43	2121	0.659	ug/l #	1
71) Bromoform	12.853	173	1596	0.692	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	90825	26.804	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	90825	96.482	ug/l #	12
95) Naphthalene	15.653	128	1141	2.297	ug/l #	69

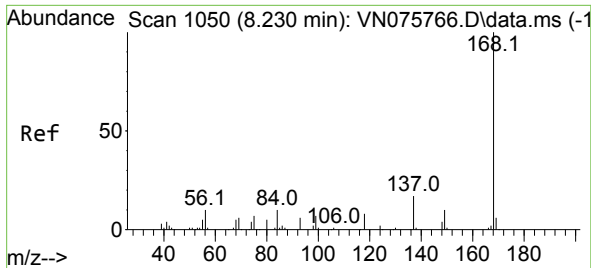
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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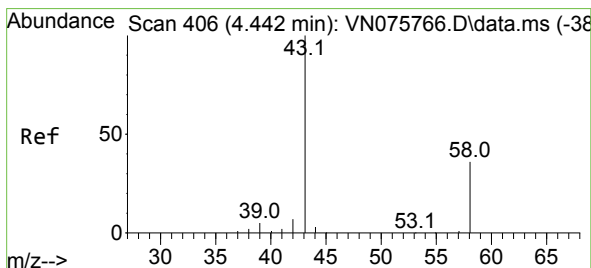
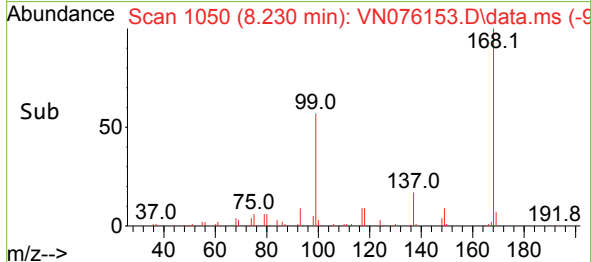
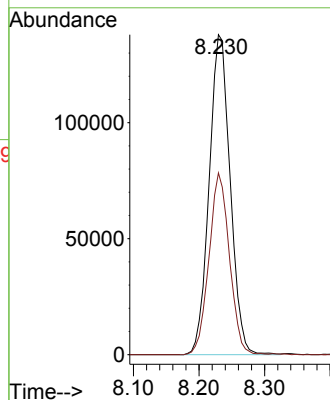
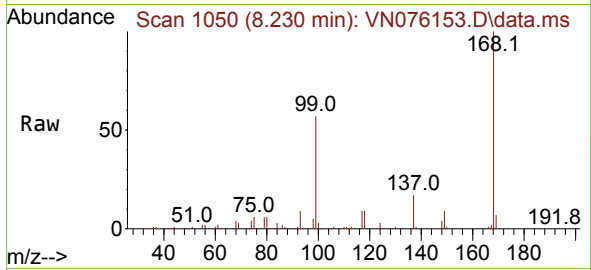




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076153.D
Acq: 09 Jan 2023 14:04

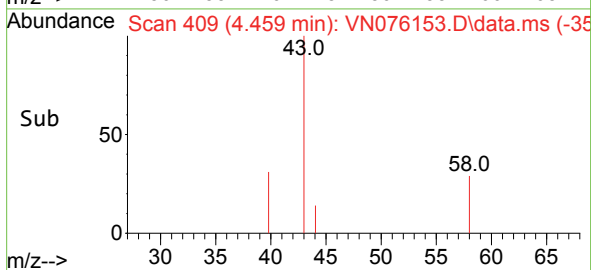
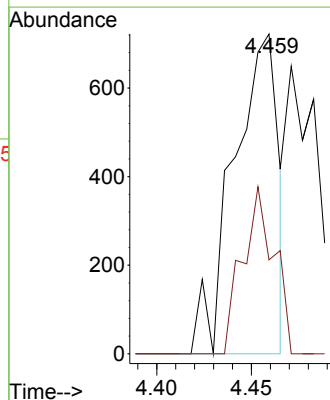
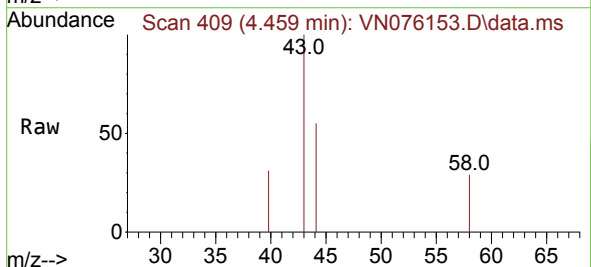
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

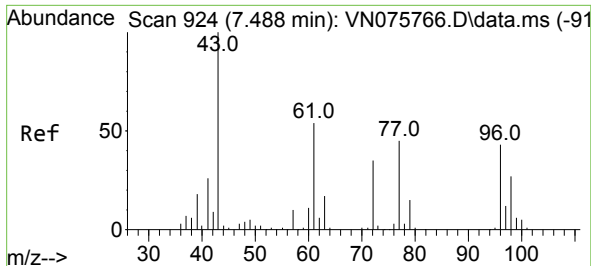
Tgt Ion:168 Resp: 307024
Ion Ratio Lower Upper
168 100
99 56.8 44.2 66.4



#16
Acetone
Concen: 1.028 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN076153.D
Acq: 09 Jan 2023 14:04

Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
58 29.4 28.6 43.0

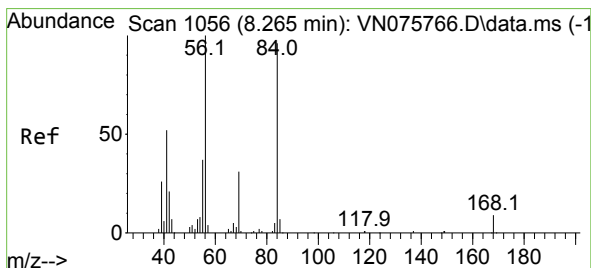
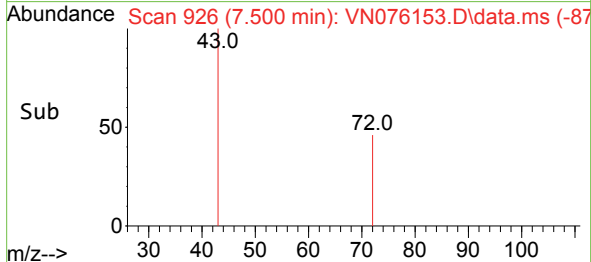
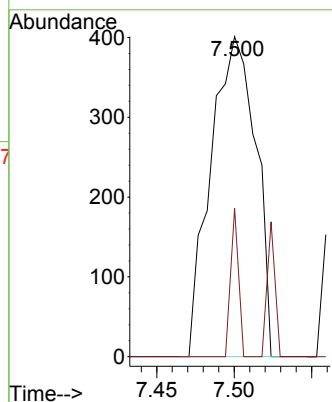
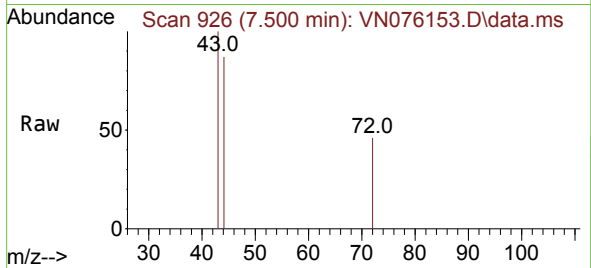




#25
2-Butanone
Concen: 0.502 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN076153.D
Acq: 09 Jan 2023 14:04

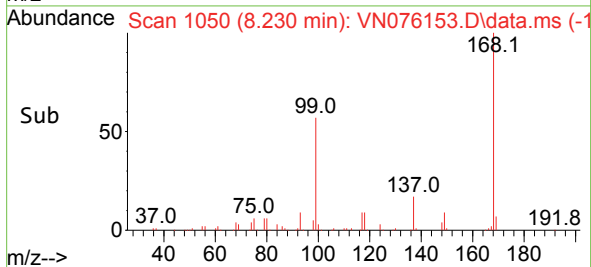
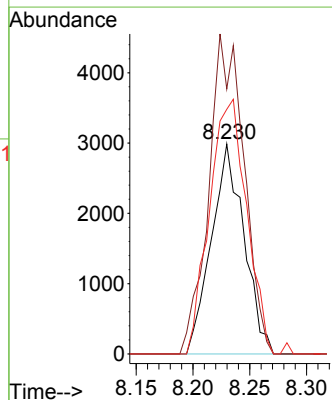
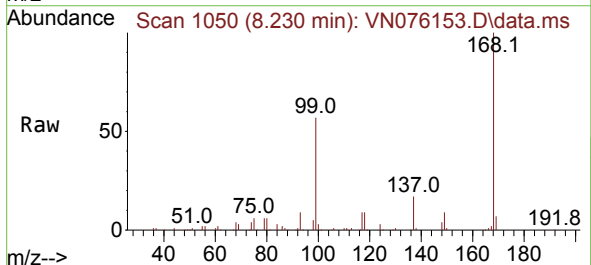
Instrument :
MSVOA_N
ClientSampleId :
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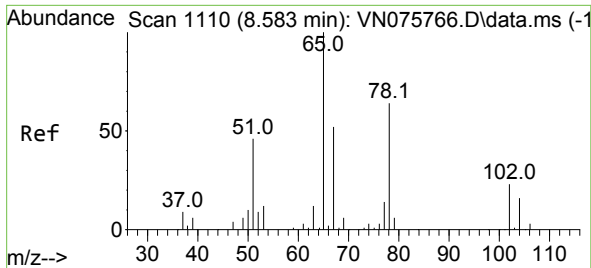
Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
72 46.4 28.0 42.0#



#31
Cyclohexane
Concen: 1.248 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076153.D
Acq: 09 Jan 2023 14:04

Tgt Ion: 56 Resp: 5971
Ion Ratio Lower Upper
56 100
69 126.3 24.7 37.1#
84 116.6 76.5 114.7#

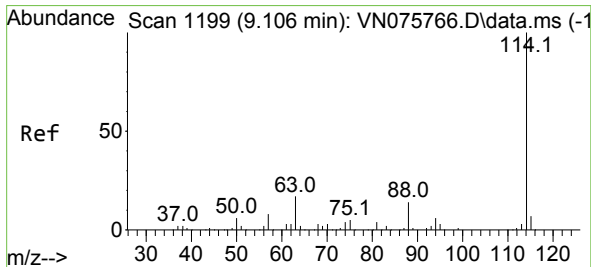
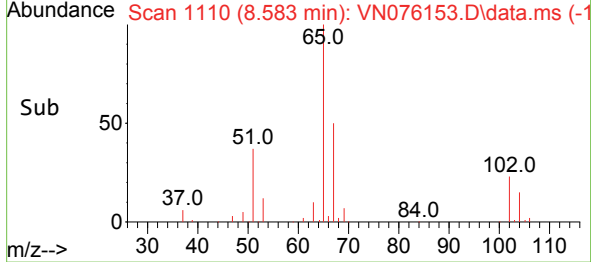
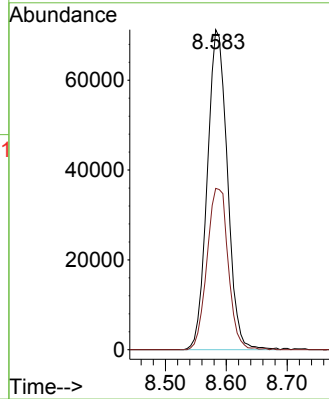
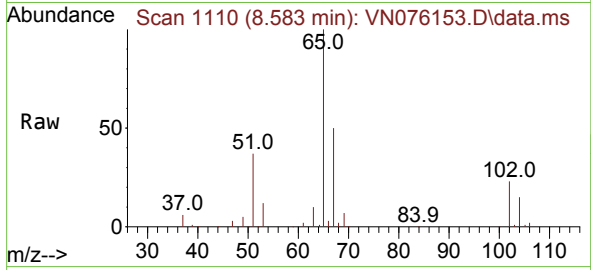




#33
 1,2-Dichloroethane-d4
 Concen: 48.893 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN076153.D
 Acq: 09 Jan 2023 14:04

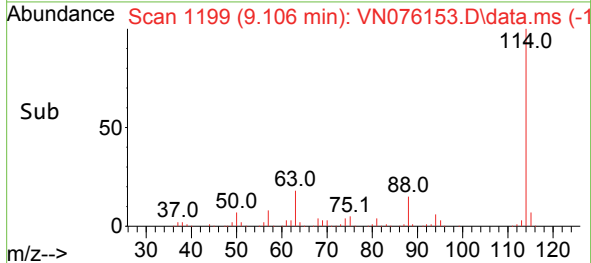
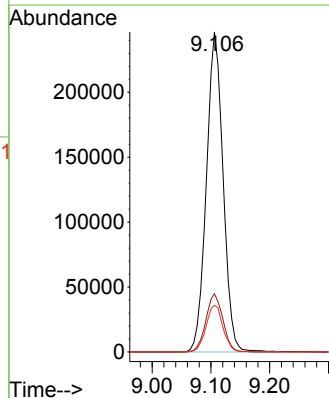
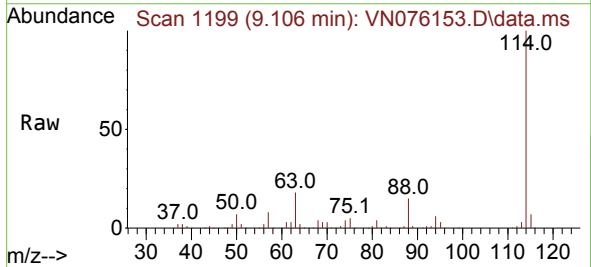
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

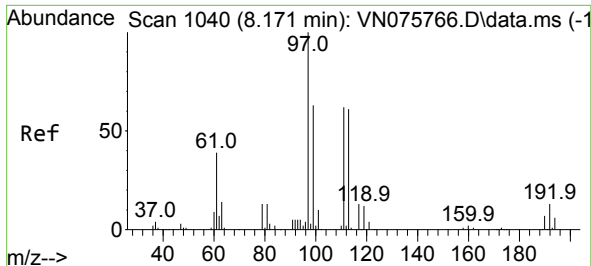
Tgt Ion: 65 Resp: 163310
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN076153.D
 Acq: 09 Jan 2023 14:04

Tgt Ion: 114 Resp: 488446
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.4
 88 14.5 0.0 28.8

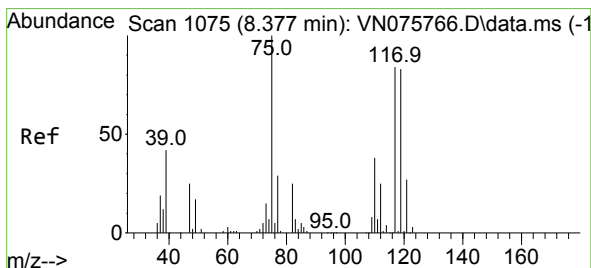
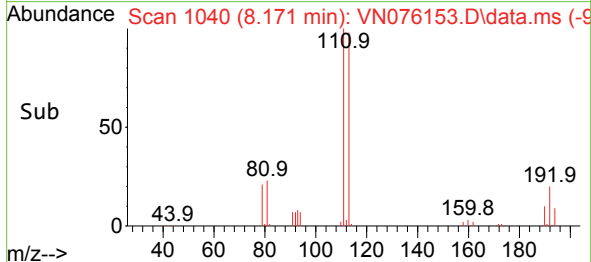
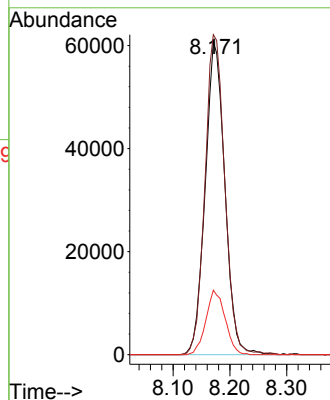
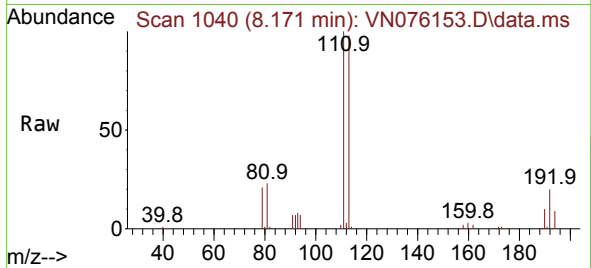




#35
Dibromofluoromethane
Concen: 48.098 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN076153.D
Acq: 09 Jan 2023 14:04

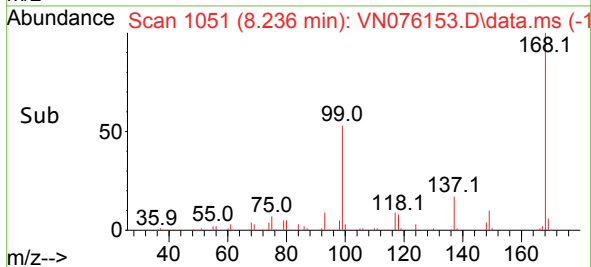
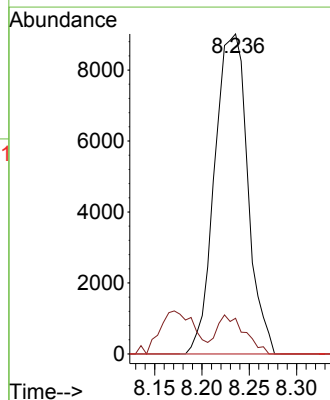
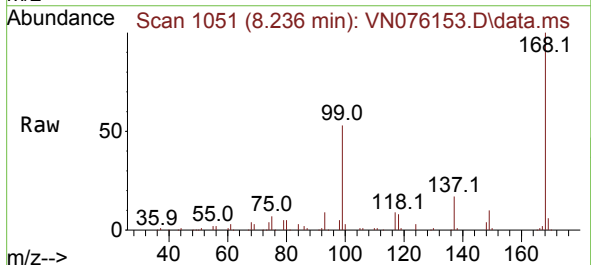
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

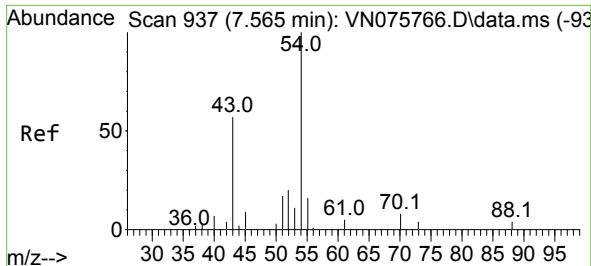
Tgt Ion:113 Resp: 145490
Ion Ratio Lower Upper
113 100
111 103.4 83.4 125.2
192 20.2 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.449 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN076153.D
Acq: 09 Jan 2023 14:04

Tgt Ion: 75 Resp: 21897
Ion Ratio Lower Upper
75 100
110 10.2 18.8 56.4#
77 0.0 24.1 36.1#





#37

Ethyl Acetate

Concen: 0.202 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN076153.D

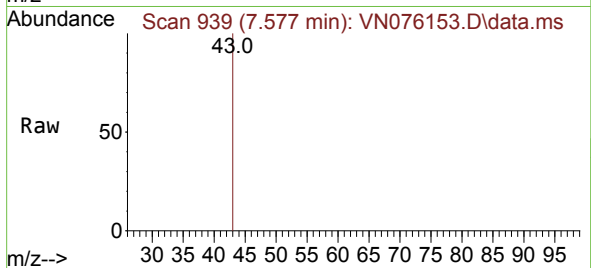
Acq: 09 Jan 2023 14:04

Instrument :

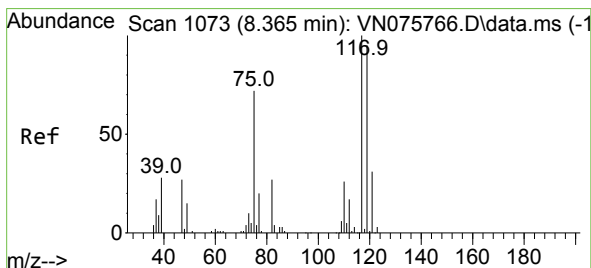
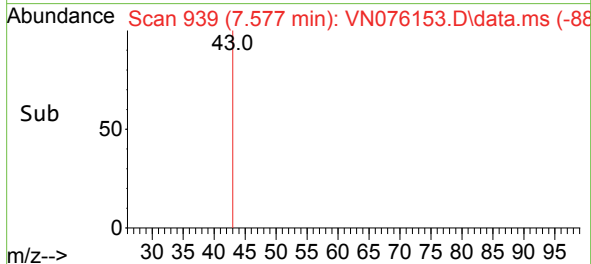
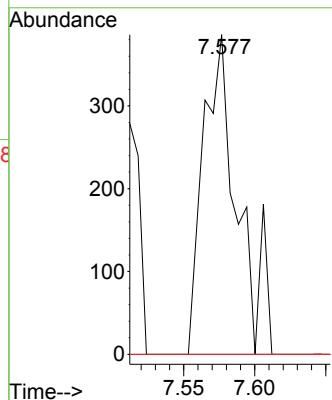
MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



Tgt Ion: 43	Resp: 652
Ion Ratio	Lower Upper
43	100
61	0.0 13.0 19.4#
70	0.0 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 6.520 ug/l

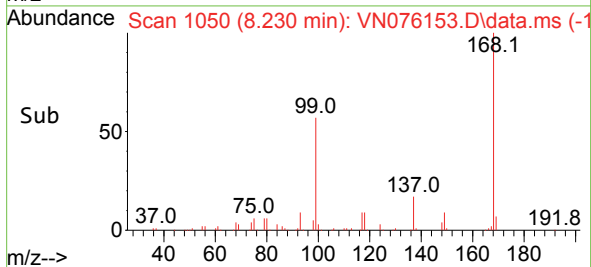
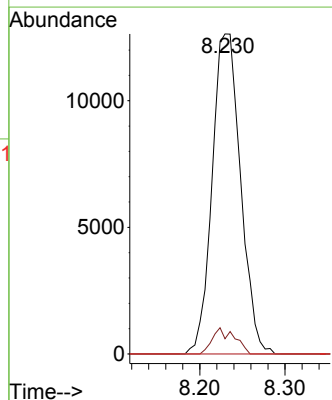
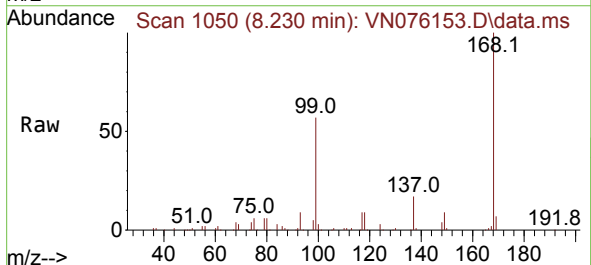
RT: 8.230 min Scan# 1050

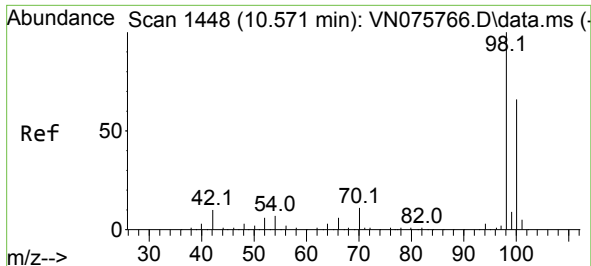
Delta R.T. -0.135 min

Lab File: VN076153.D

Acq: 09 Jan 2023 14:04

Tgt Ion: 117	Resp: 29322
Ion Ratio	Lower Upper
117	100
119	4.7 76.1 114.1#
121	0.0 24.5 36.7#

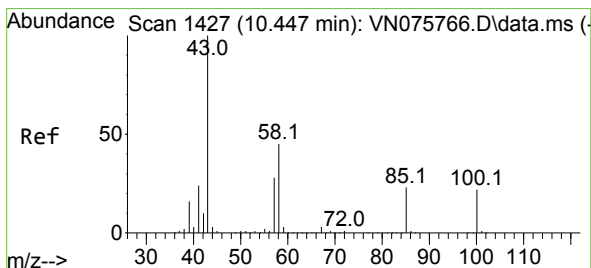
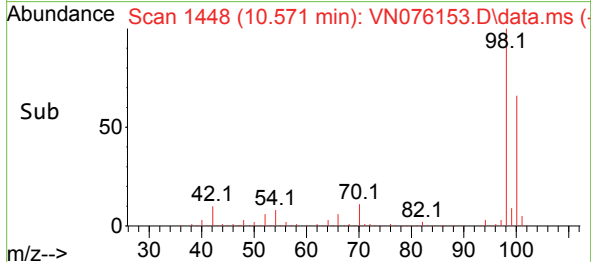
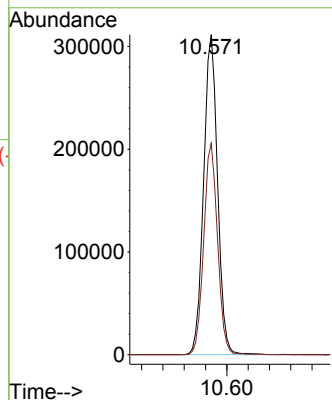
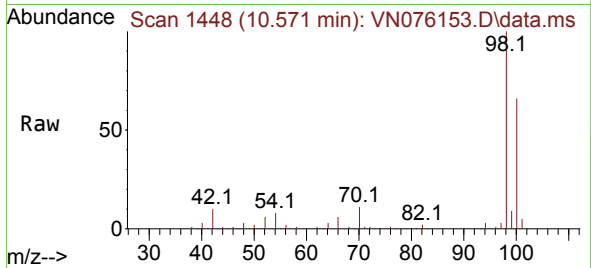




#50
Toluene-d8
Concen: 49.984 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076153.D
Acq: 09 Jan 2023 14:04

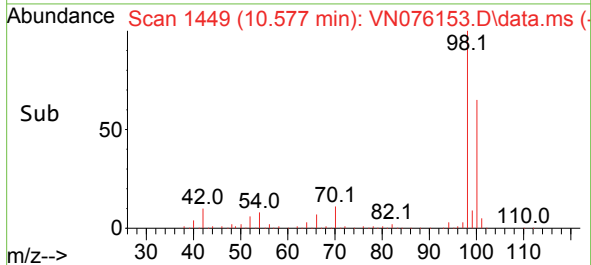
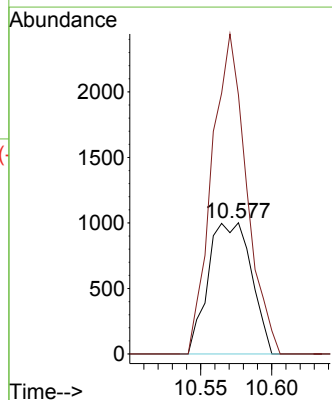
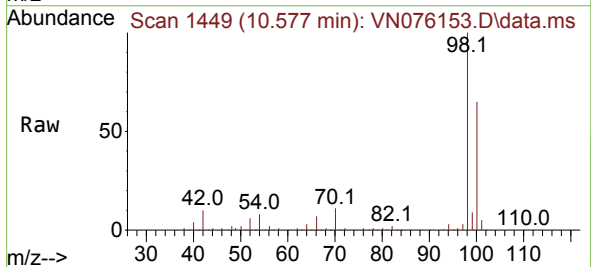
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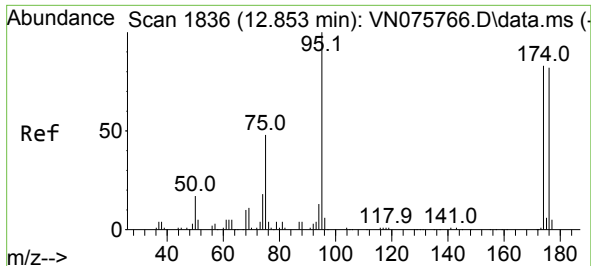
Tgt Ion: 98 Resp: 565300
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.659 ug/l
RT: 10.577 min Scan# 1449
Delta R.T. 0.129 min
Lab File: VN076153.D
Acq: 09 Jan 2023 14:04

Tgt Ion: 43 Resp: 2121
Ion Ratio Lower Upper
43 100
58 195.7 35.5 53.3#

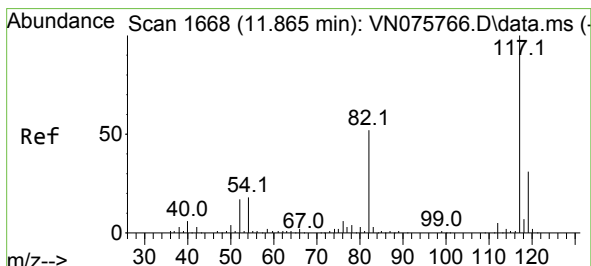
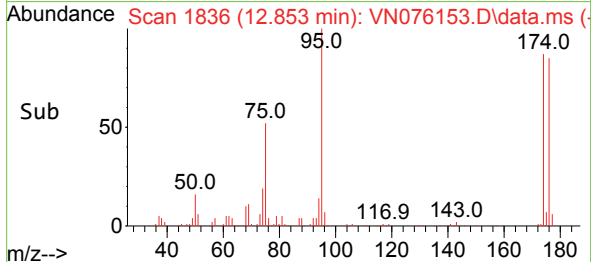
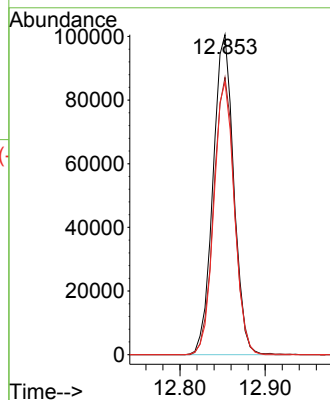
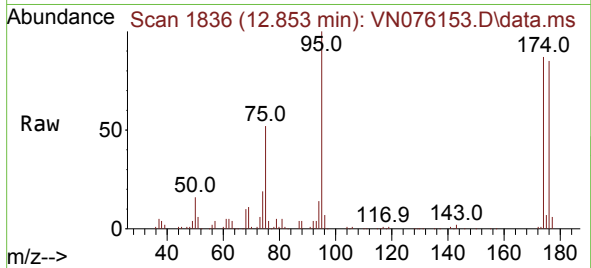




#62
4-Bromofluorobenzene
Concen: 45.274 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076153.D
Acq: 09 Jan 2023 14:04

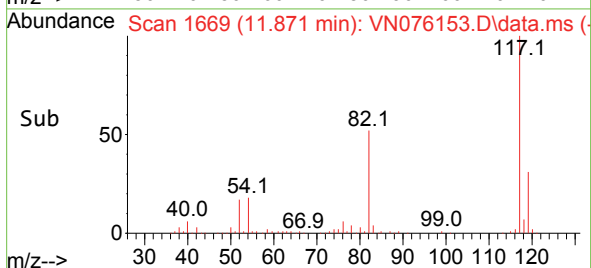
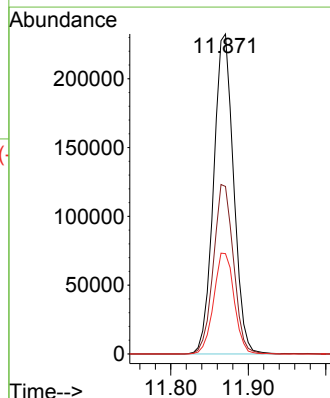
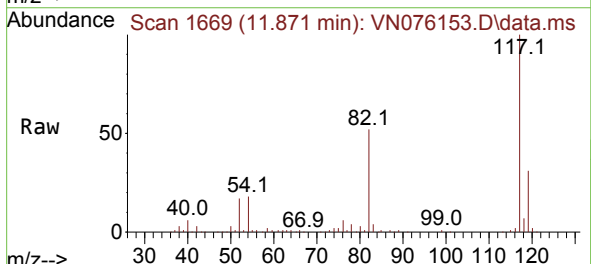
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MSVOA_N
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STORAGE-BLANK-WATER-REF-4

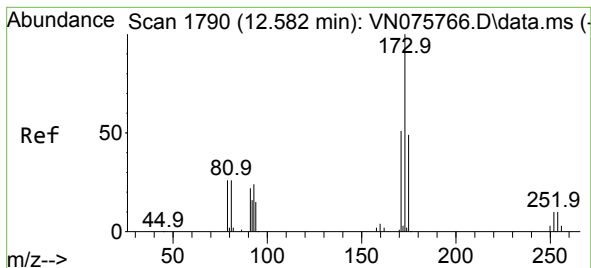
Tgt Ion: 95 Resp: 169593
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 84.1 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076153.D
Acq: 09 Jan 2023 14:04

Tgt Ion: 117 Resp: 416808
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 31.3 24.6 37.0





#71

Bromoform

Concen: 0.692 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN076153.D

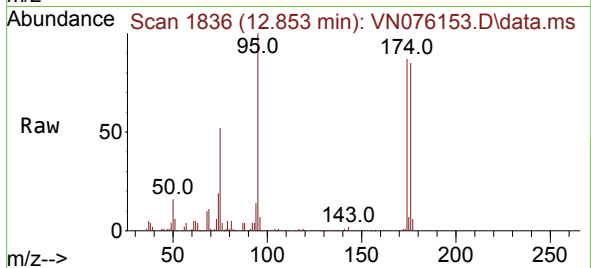
Acq: 09 Jan 2023 14:04

Instrument :

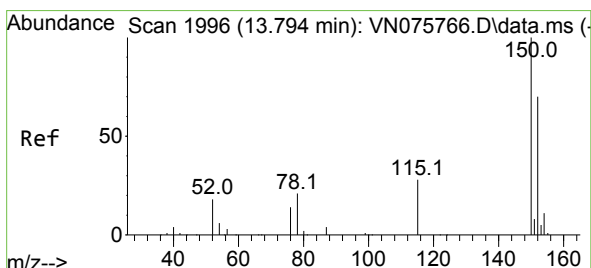
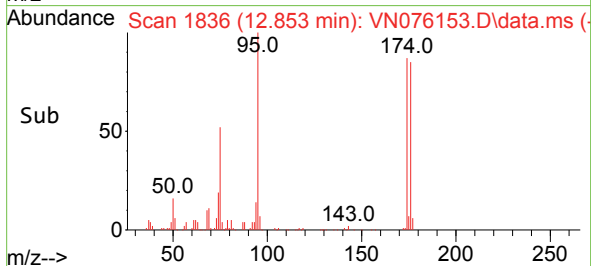
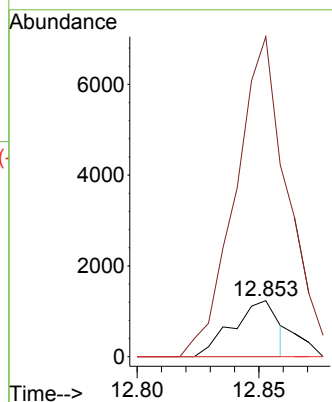
MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



Tgt Ion:	173	Resp:	1596
Ion Ratio	Lower	Upper	
173	100		
175	544.0	24.3	72.8#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

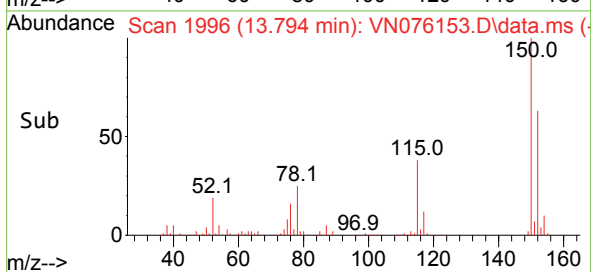
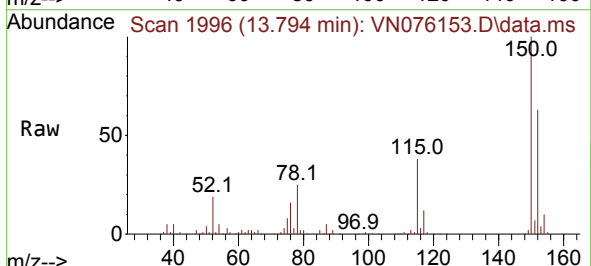
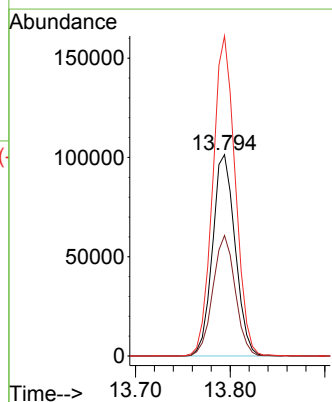
RT: 13.794 min Scan# 1996

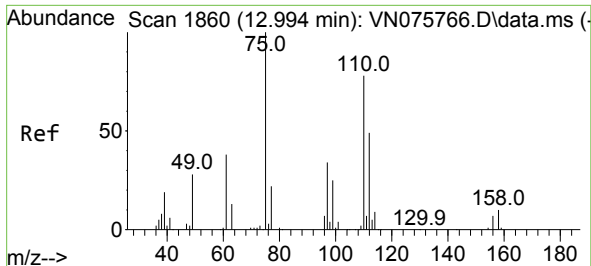
Delta R.T. 0.000 min

Lab File: VN076153.D

Acq: 09 Jan 2023 14:04

Tgt Ion:	152	Resp:	168098
Ion Ratio	Lower	Upper	
152	100		
115	59.2	29.1	87.4
150	158.3	0.0	347.0

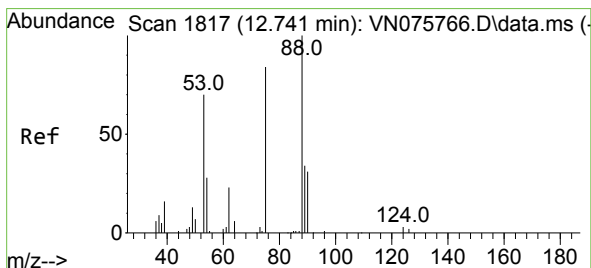
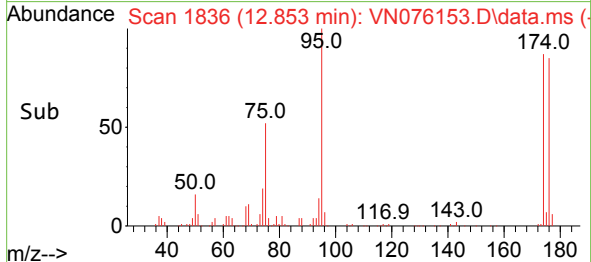
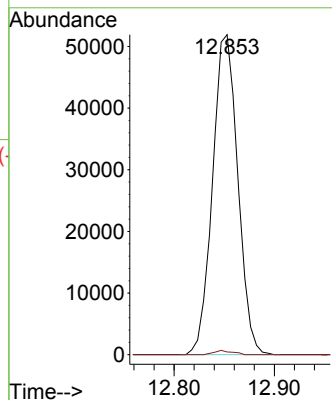
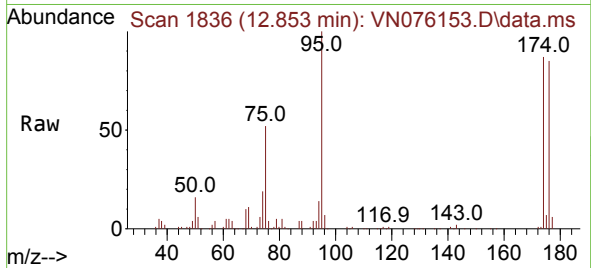




#76
1,2,3-Trichloropropane
Concen: 26.804 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076153.D
Acq: 09 Jan 2023 14:04

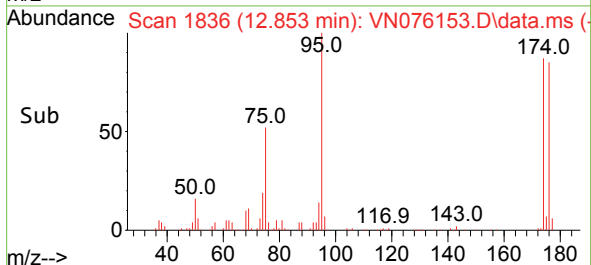
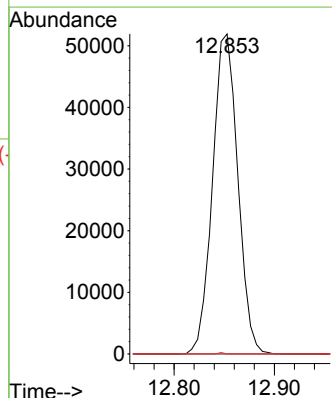
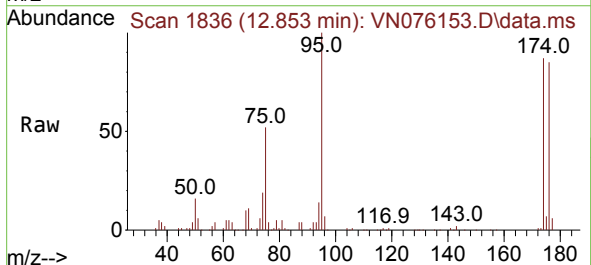
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4

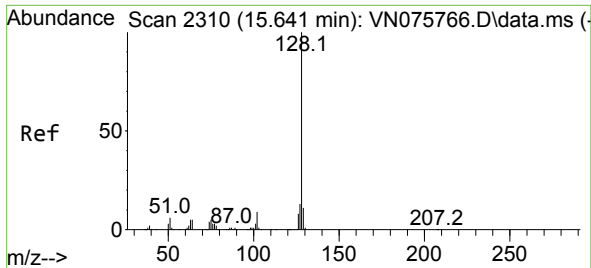
Tgt Ion: 75 Resp: 90825
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.482 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076153.D
Acq: 09 Jan 2023 14:04

Tgt Ion: 75 Resp: 90825
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.1 39.5 59.3#





#95
Naphthalene
Concen: 2.297 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN076153.D
Acq: 09 Jan 2023 14:04

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

Tgt Ion:128 Resp: 1141
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

