

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083336.D
 Acq On : 15 Aug 2024 17:13
 Operator : JC\MD
 Sample : P3456-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Quant Time: Aug 16 01:54:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

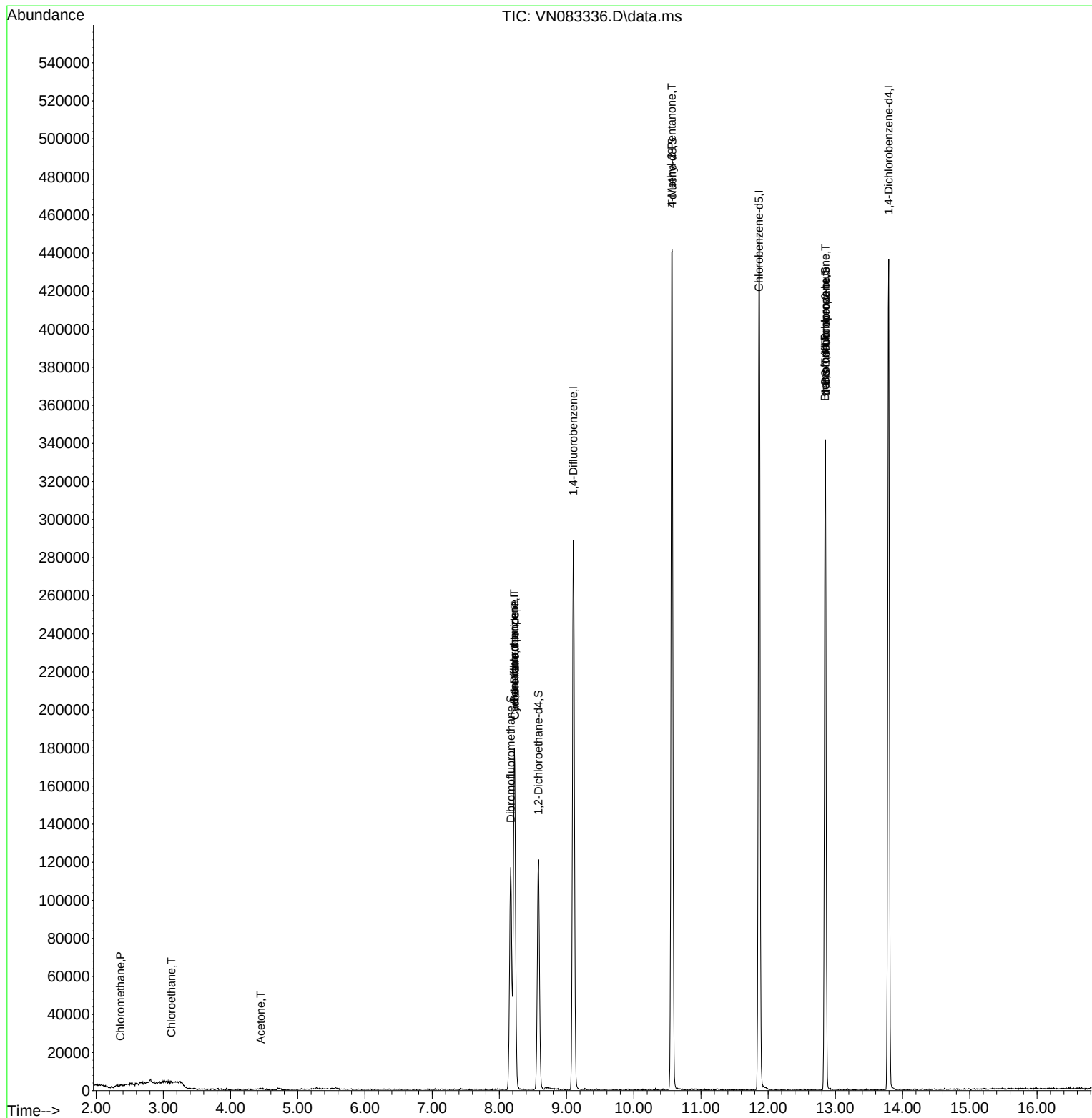
Internal Standards						
1) Pentafluorobenzene	8.224	168	122319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	103983	59.724	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.440%	
35) Dibromofluoromethane	8.171	113	83936	54.702	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.400%	
50) Toluene-d8	10.571	98	306467	53.543	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.080%	
62) 4-Bromofluorobenzene	12.853	95	125650	56.308	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 112.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	687	0.484	ug/l #	43
6) Chloroethane	3.118	64	440	0.485	ug/l #	41
16) Acetone	4.447	43	1416	2.078	ug/l #	48
31) Cyclohexane	8.230	56	3159	1.224	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	11365	4.896	ug/l #	50
38) Carbon Tetrachloride	8.230	117	14610	5.588	ug/l #	17
43) Isopropyl Acetate	8.682	43	498	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1394	0.567	ug/l #	1
71) Bromoform	12.847	173	688	0.454	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	68833	27.630	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	68833	60.101	ug/l #	6

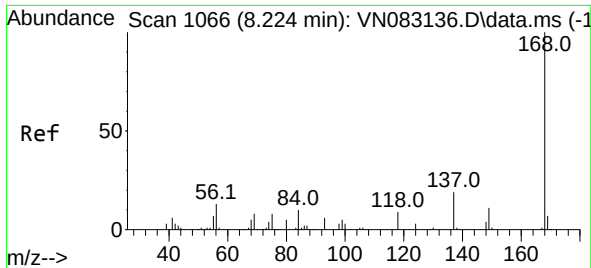
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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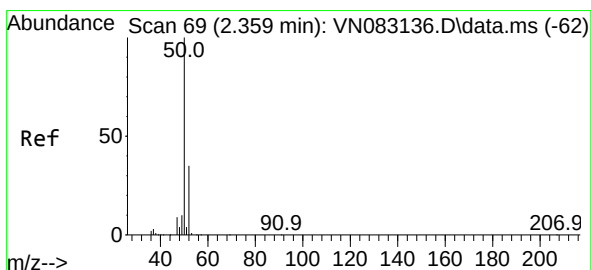
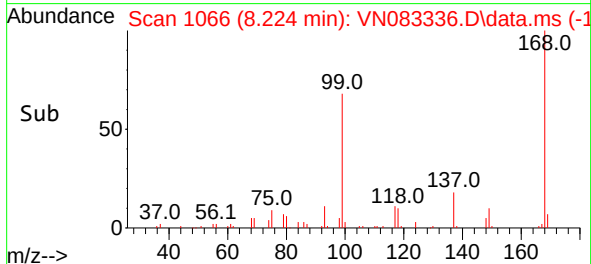
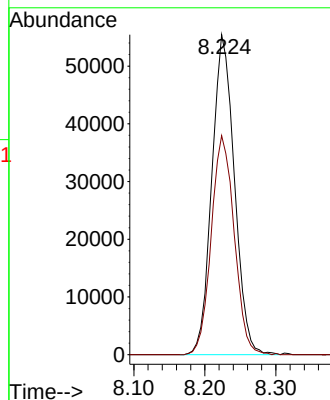
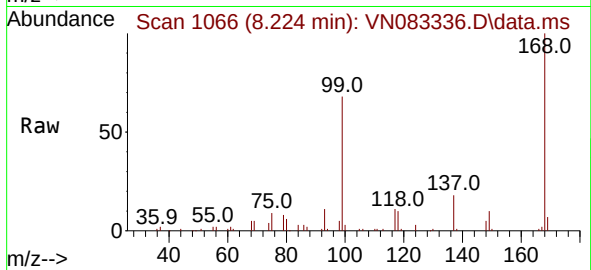




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083336.D
Acq: 15 Aug 2024 17:13

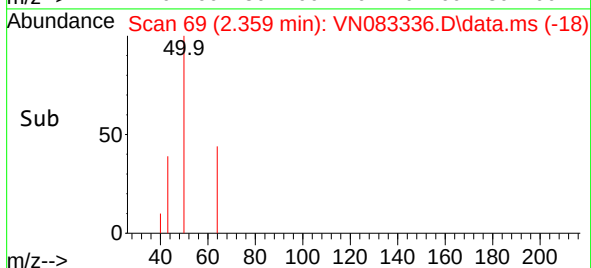
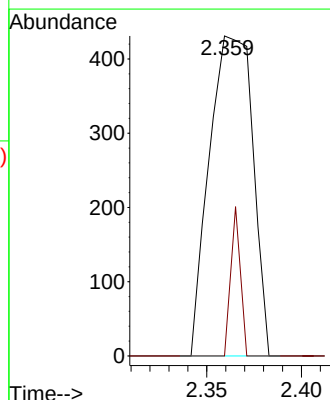
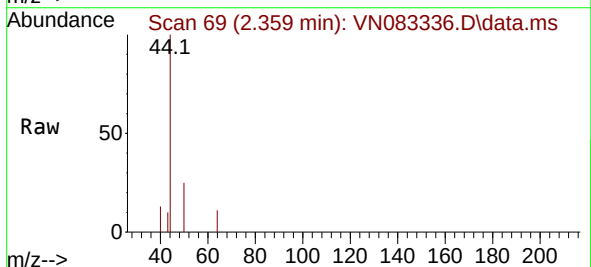
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-WATER-REF-5

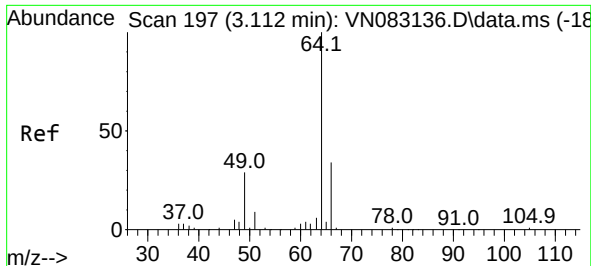
Tgt Ion:168 Resp: 122319
Ion Ratio Lower Upper
168 100
99 68.5 48.2 72.4



#3
Chloromethane
Concen: 0.484 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083336.D
Acq: 15 Aug 2024 17:13

Tgt Ion: 50 Resp: 687
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

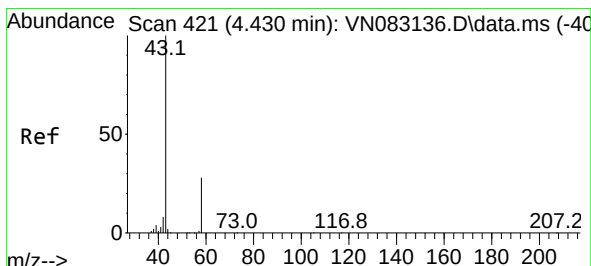
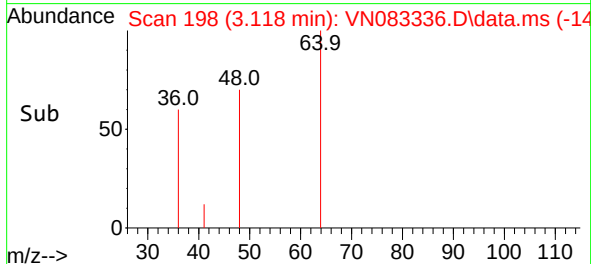
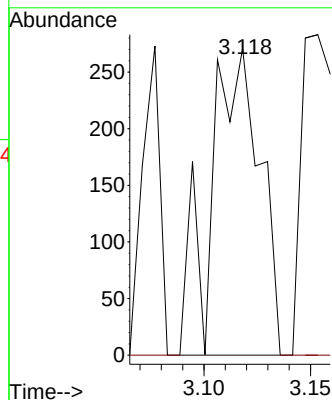
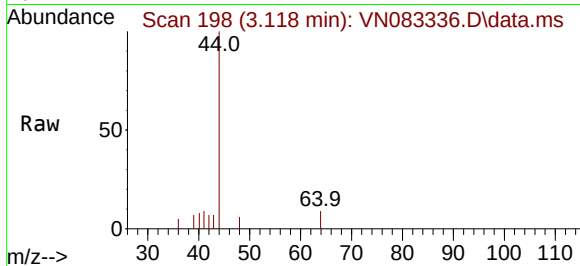




#6
Chloroethane
Concen: 0.485 ug/l
RT: 3.118 min Scan# 197
Delta R.T. 0.006 min
Lab File: VN083336.D
Acq: 15 Aug 2024 17:13

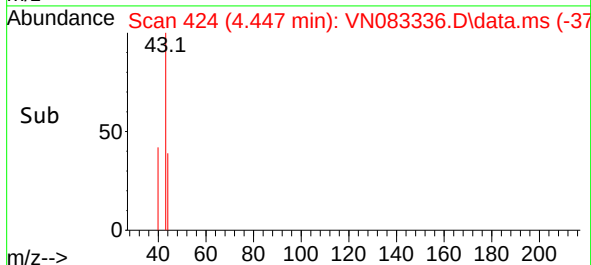
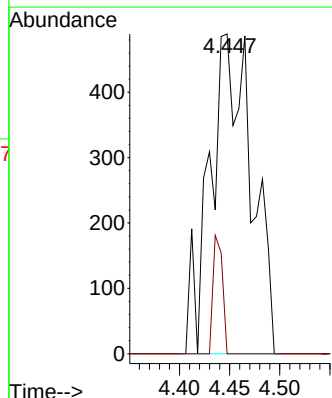
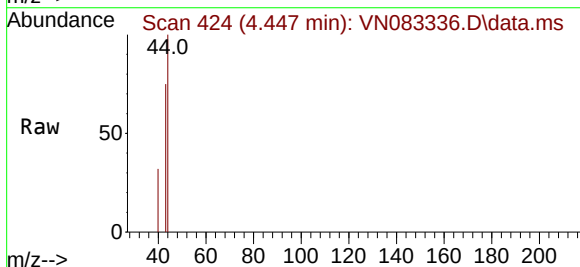
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

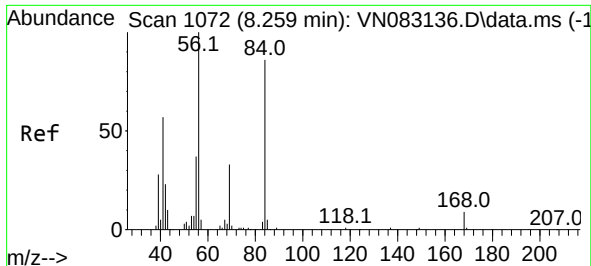
Tgt Ion: 64 Resp: 440
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#16
Acetone
Concen: 2.078 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN083336.D
Acq: 15 Aug 2024 17:13

Tgt Ion: 43 Resp: 1416
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

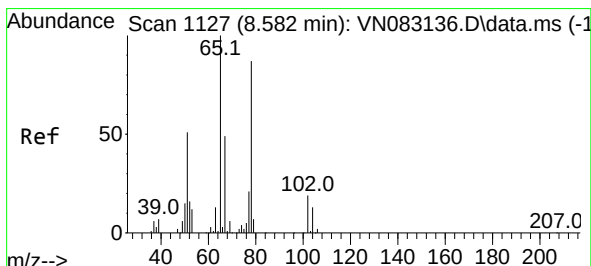
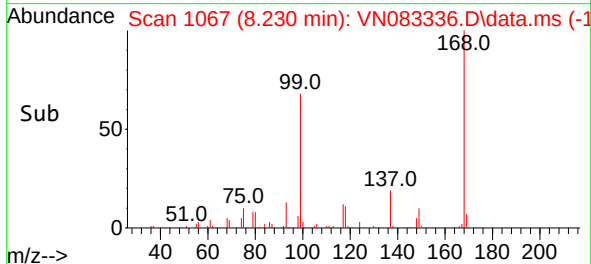
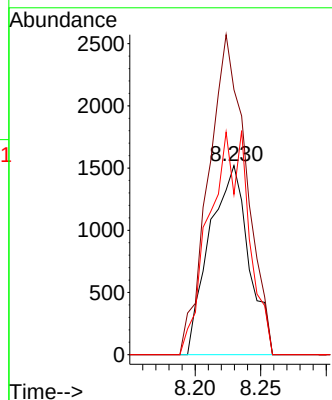
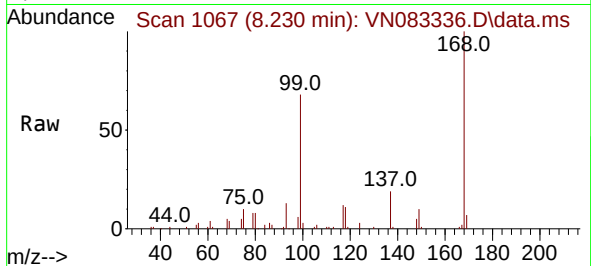




#31
Cyclohexane
Concen: 1.224 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083336.D
Acq: 15 Aug 2024 17:13

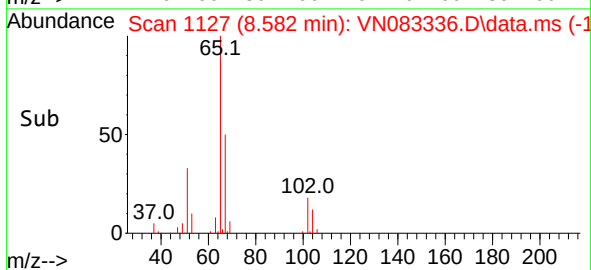
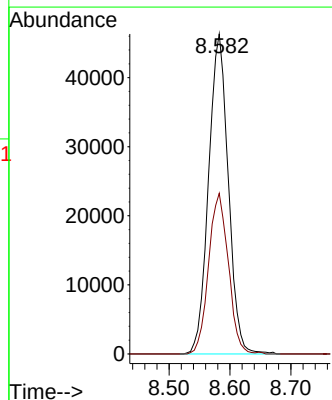
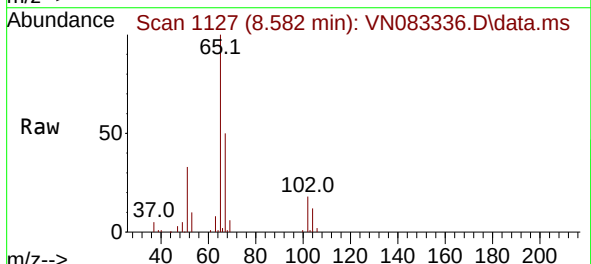
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

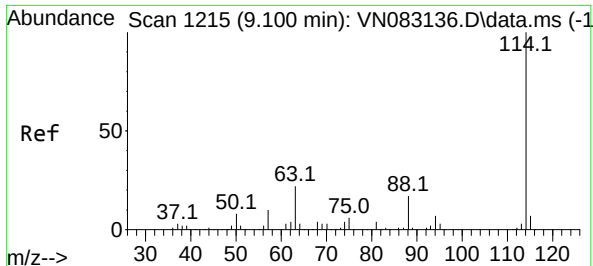
Tgt Ion: 56 Resp: 3159
Ion Ratio Lower Upper
56 100
69 140.1 24.5 36.7#
84 84.8 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 59.724 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083336.D
Acq: 15 Aug 2024 17:13

Tgt Ion: 65 Resp: 103983
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083336.D

Acq: 15 Aug 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

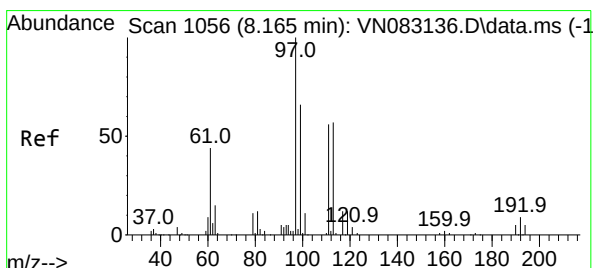
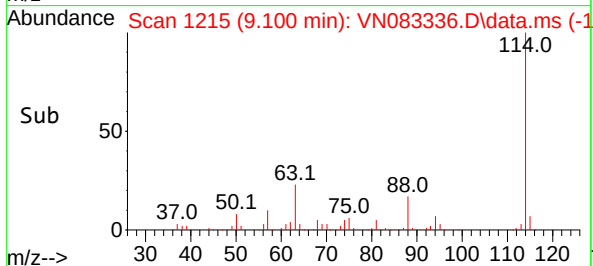
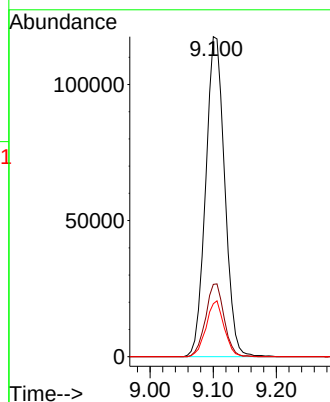
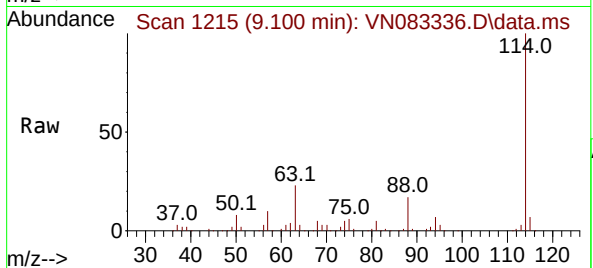
Tgt Ion:114 Resp: 245832

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 16.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.702 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083336.D

Acq: 15 Aug 2024 17:13

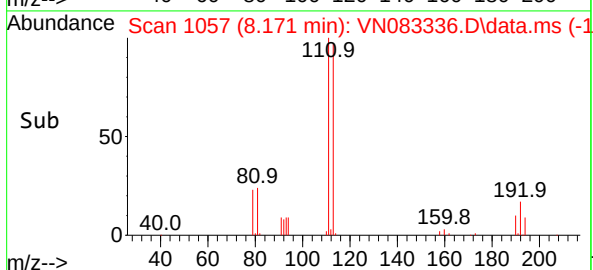
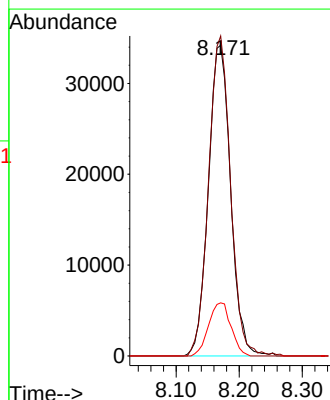
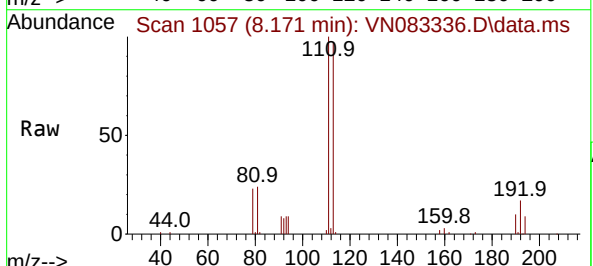
Tgt Ion:113 Resp: 83936

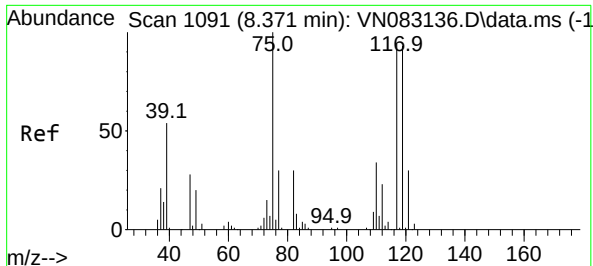
Ion Ratio Lower Upper

113 100

111 101.4 82.4 123.6

192 17.2 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.896 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083336.D

Acq: 15 Aug 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

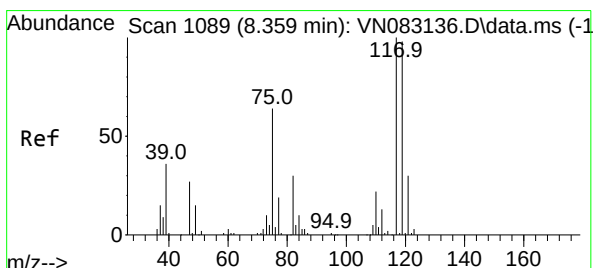
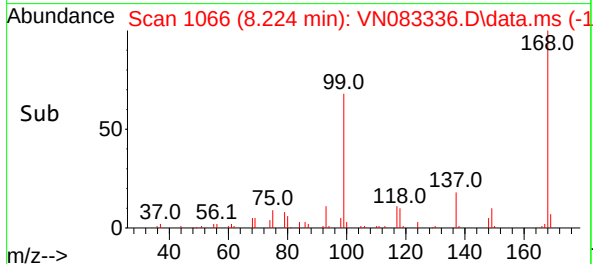
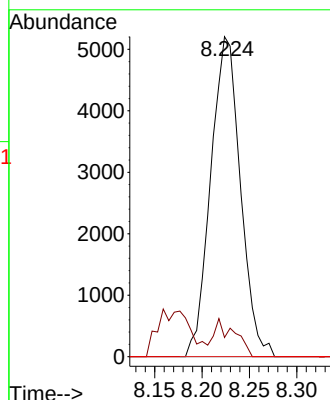
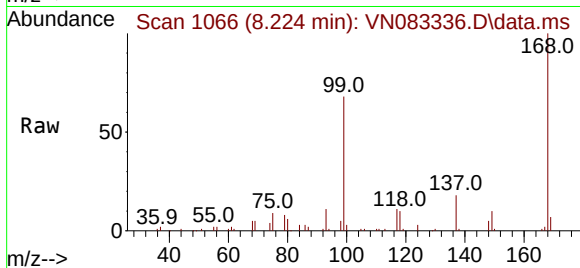
Tgt Ion: 75 Resp: 11365

Ion Ratio Lower Upper

75 100

110 8.1 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.588 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN083336.D

Acq: 15 Aug 2024 17:13

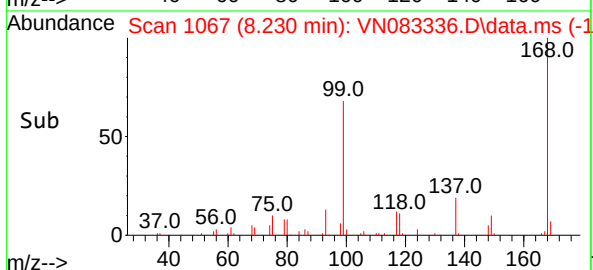
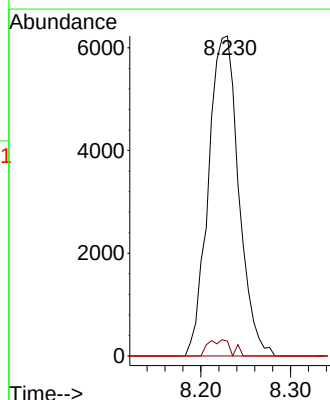
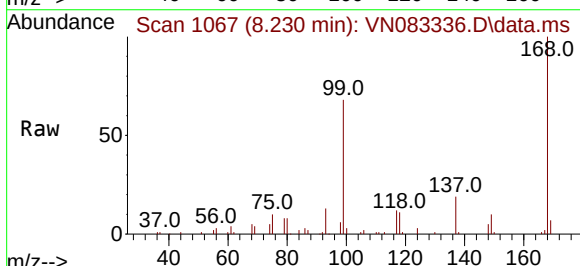
Tgt Ion: 117 Resp: 14610

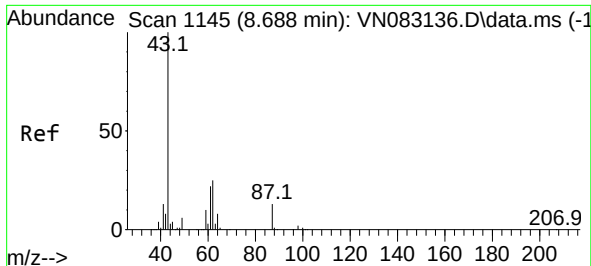
Ion Ratio Lower Upper

117 100

119 4.6 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN083336.D

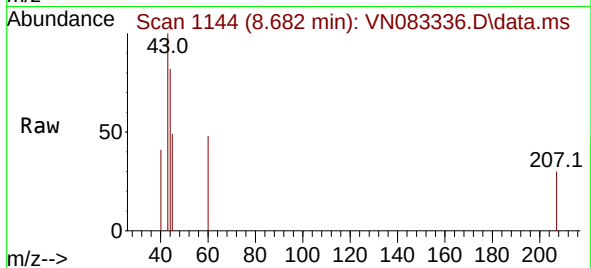
Acq: 15 Aug 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5



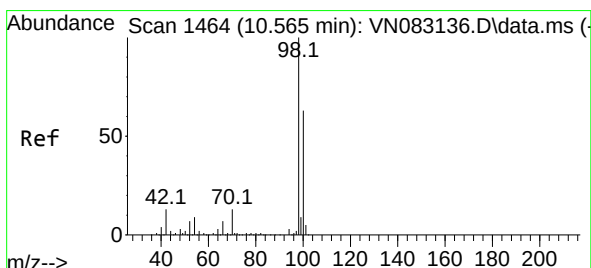
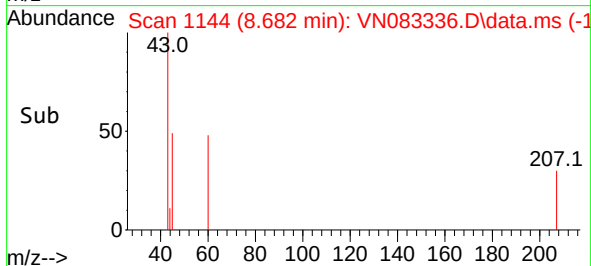
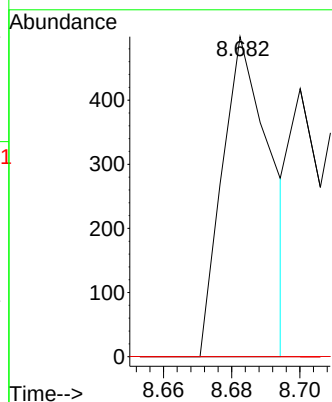
Tgt Ion: 43 Resp: 498

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#50

Toluene-d8

Concen: 53.543 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN083336.D

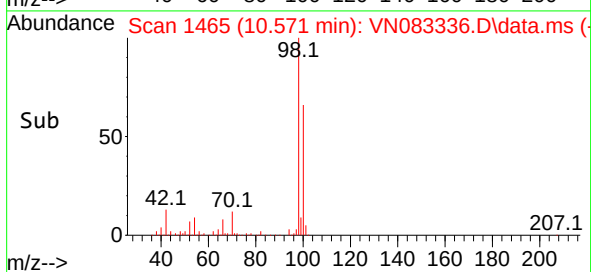
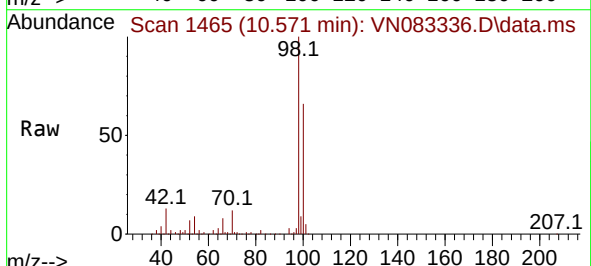
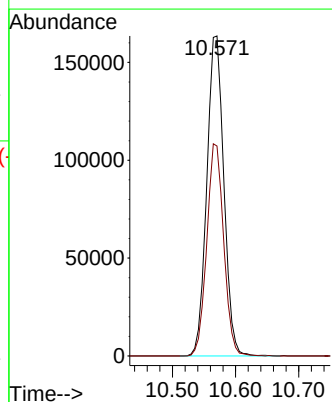
Acq: 15 Aug 2024 17:13

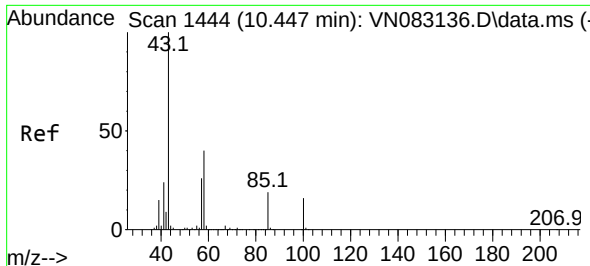
Tgt Ion: 98 Resp: 306467

Ion Ratio Lower Upper

98 100

100 65.7 51.5 77.3

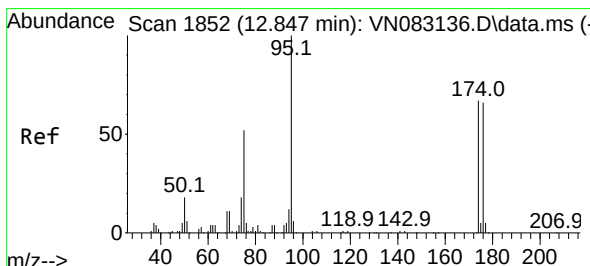
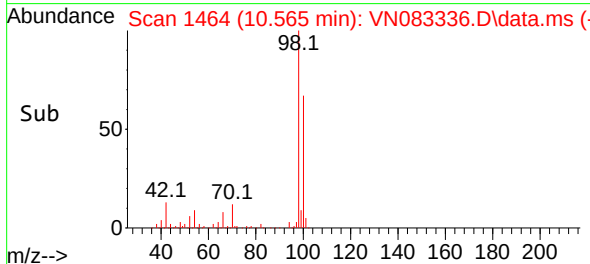
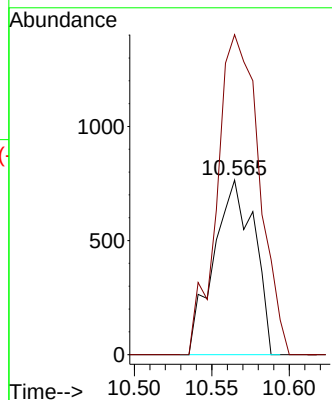
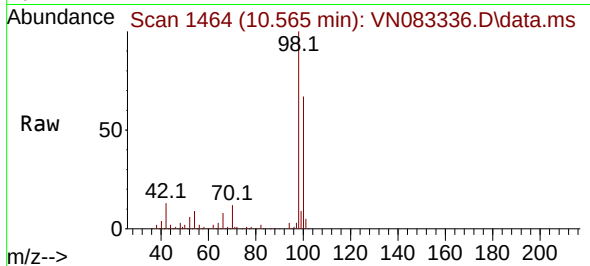




#51
4-Methyl-2-Pentanone
Concen: 0.567 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083336.D
Acq: 15 Aug 2024 17:13

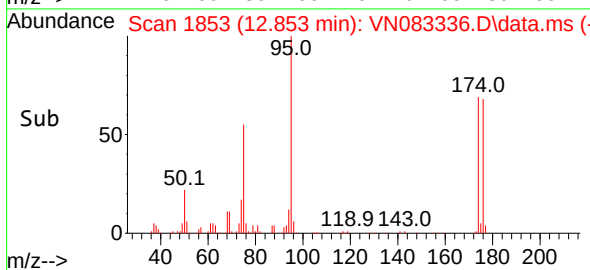
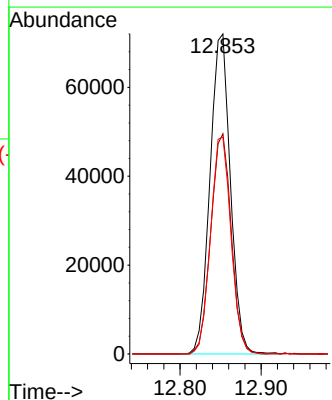
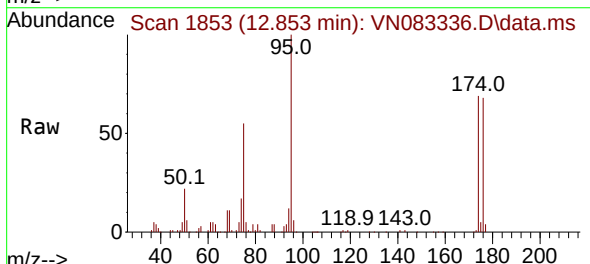
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

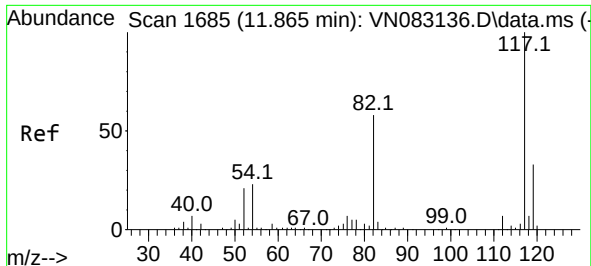
Tgt Ion: 43 Resp: 1394
Ion Ratio Lower Upper
43 100
58 190.8 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 56.308 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083336.D
Acq: 15 Aug 2024 17:13

Tgt Ion: 95 Resp: 125650
Ion Ratio Lower Upper
95 100
174 68.9 0.0 159.2
176 67.8 0.0 147.6

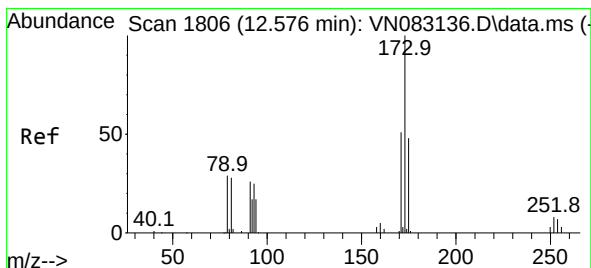
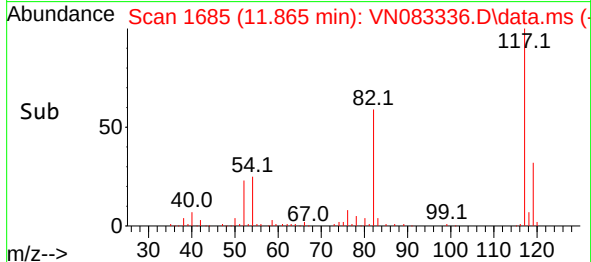
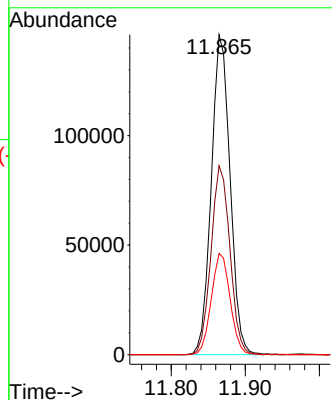
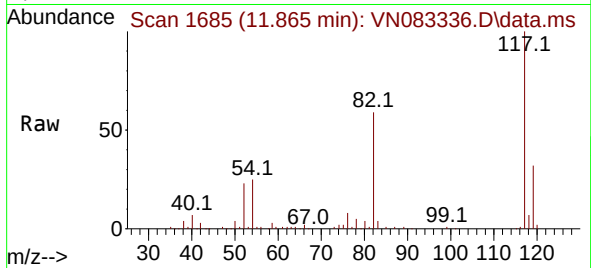




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083336.D
Acq: 15 Aug 2024 17:13

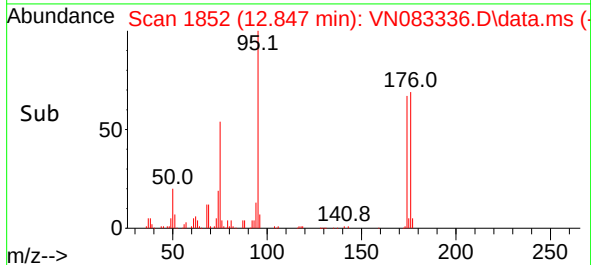
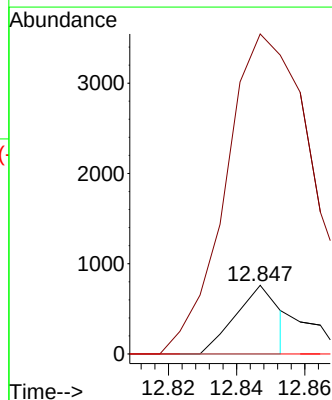
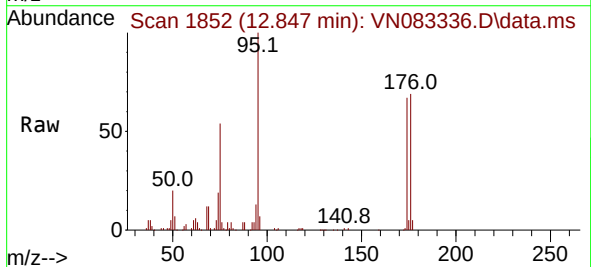
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

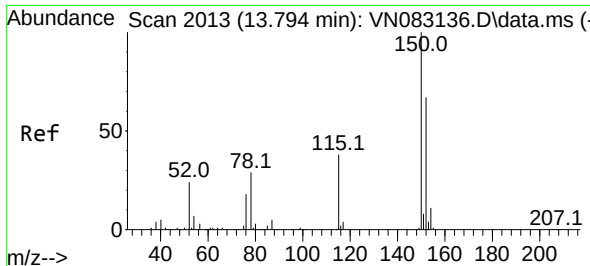
Tgt Ion:117 Resp: 256892
Ion Ratio Lower Upper
117 100
82 59.0 47.5 71.3
119 31.7 25.6 38.4



#71
Bromoform
Concen: 0.454 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083336.D
Acq: 15 Aug 2024 17:13

Tgt Ion:173 Resp: 688
Ion Ratio Lower Upper
173 100
175 626.5 24.0 72.0#
254 0.0 0.0 0.0

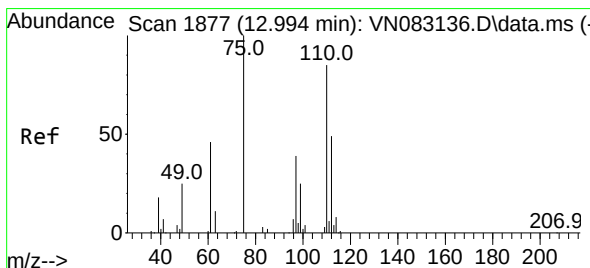
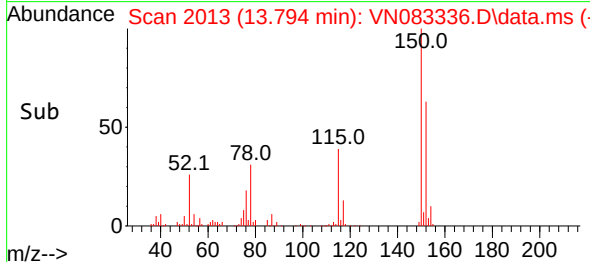
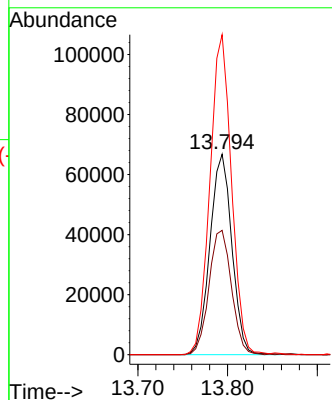
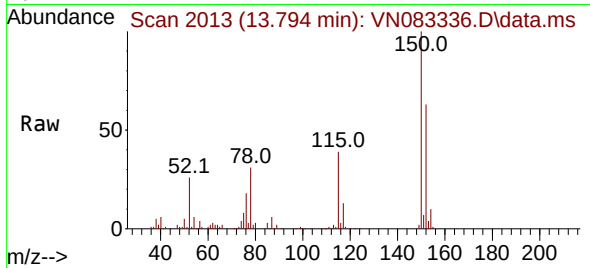




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN083336.D
 Acq: 15 Aug 2024 17:13

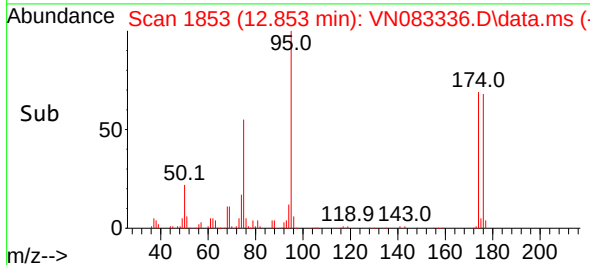
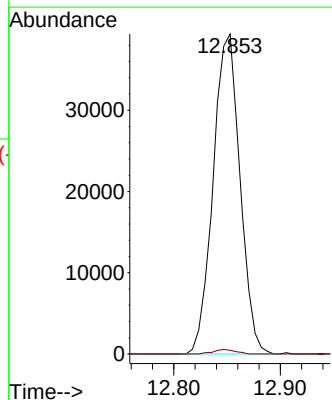
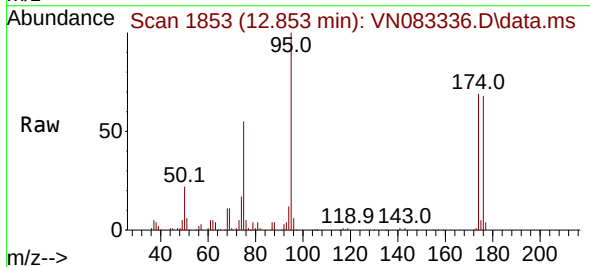
Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

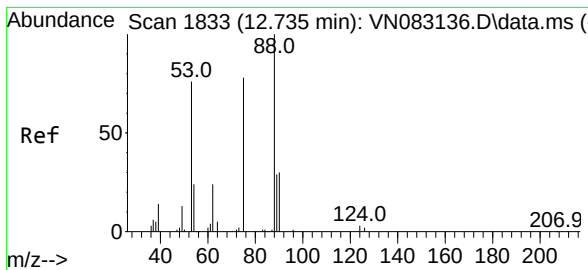
Tgt Ion:152 Resp: 113511
 Ion Ratio Lower Upper
 152 100
 115 63.5 30.6 91.6
 150 156.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 27.630 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN083336.D
 Acq: 15 Aug 2024 17:13

Tgt Ion: 75 Resp: 68833
 Ion Ratio Lower Upper
 75 100
 77 1.1 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.101 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN083336.D
 Acq: 15 Aug 2024 17:13

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Tgt Ion: 75 Resp: 68833
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

