

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083352.D
 Acq On : 16 Aug 2024 14:26
 Operator : JC\MD
 Sample : P3456-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

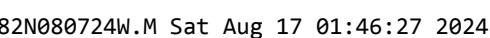
Quant Time: Aug 17 01:46:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

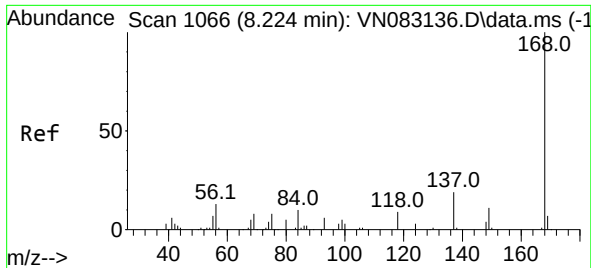
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	121798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	239422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	102913	59.362	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.720%			
35) Dibromofluoromethane	8.165	113	81648	54.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.280%			
50) Toluene-d8	10.565	98	305304	54.767	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.540%			
62) 4-Bromofluorobenzene	12.847	95	122269	56.260	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.520%			
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	576	0.407	ug/l #	43
16) Acetone	4.447	43	1144	1.686	ug/l #	48
20) Methylene Chloride	5.277	84	600	0.384	ug/l #	26
31) Cyclohexane	8.230	56	3253	1.266	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	10761	4.760	ug/l #	49
38) Carbon Tetrachloride	8.230	117	13446	5.281	ug/l #	17
43) Isopropyl Acetate	8.694	43	125	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1547	0.646	ug/l #	1
71) Bromoform	12.847	173	475	0.325	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	67131	28.861	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67131	62.779	ug/l #	6

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

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Response via : Initial Calibration

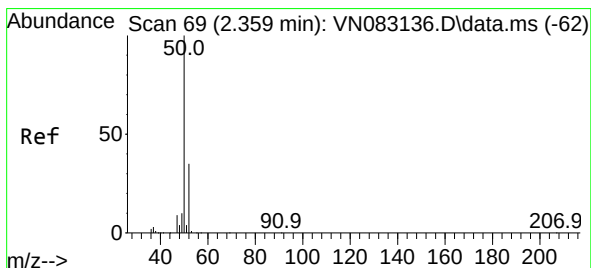
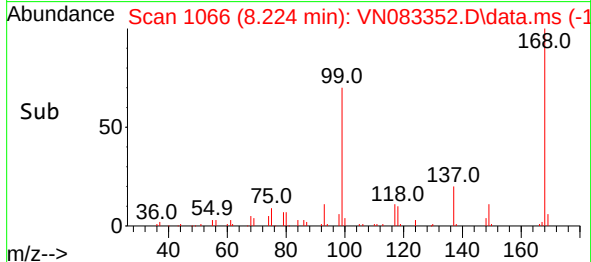
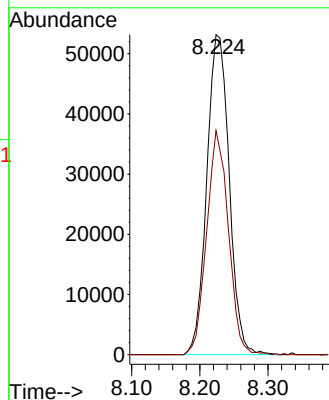
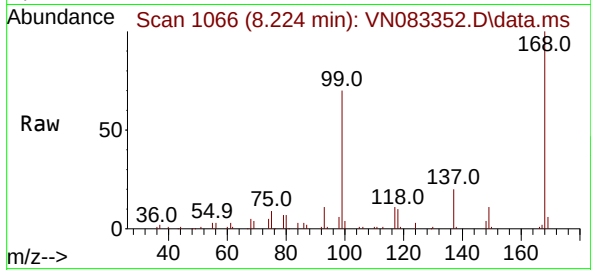




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083352.D
Acq: 16 Aug 2024 14:26

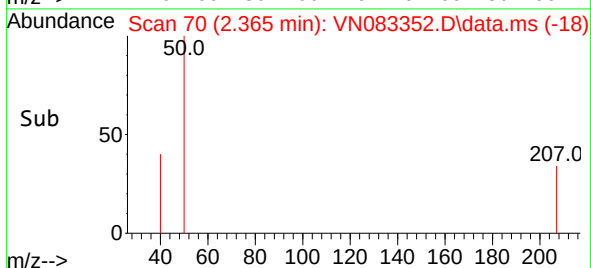
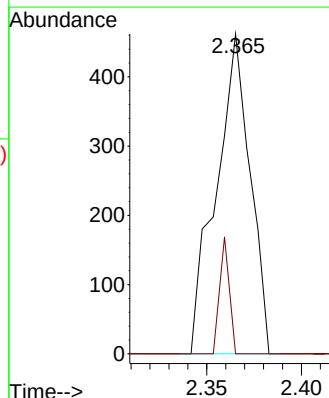
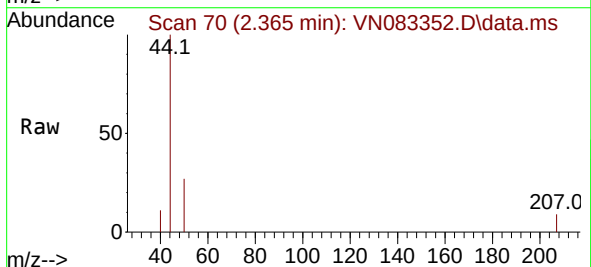
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

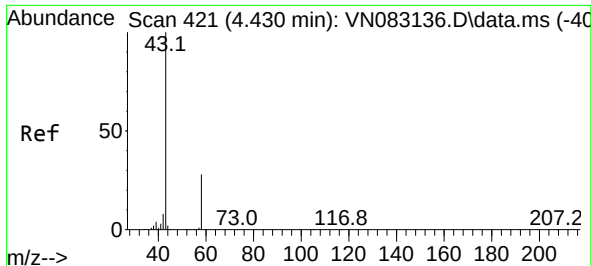
Tgt Ion:168 Resp: 121798
Ion Ratio Lower Upper
168 100
99 70.0 48.2 72.4



#3
Chloromethane
Concen: 0.407 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083352.D
Acq: 16 Aug 2024 14:26

Tgt Ion: 50 Resp: 576
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

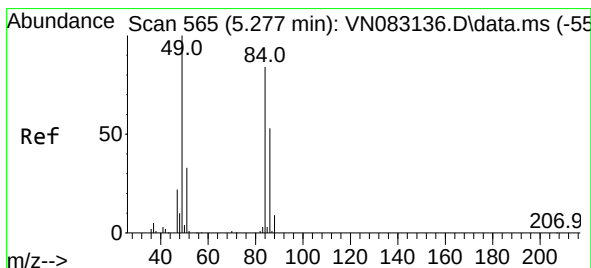
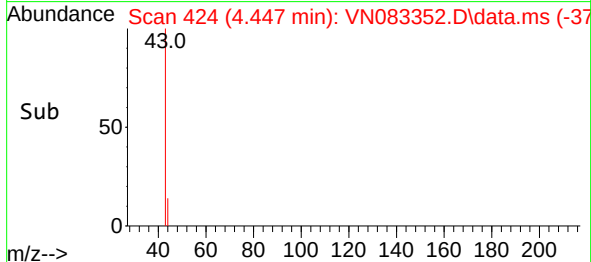
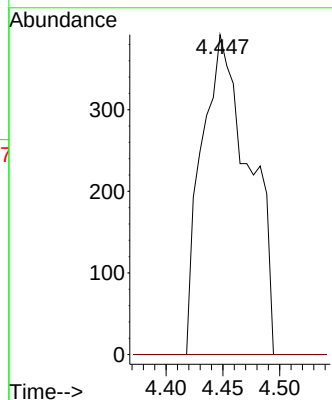
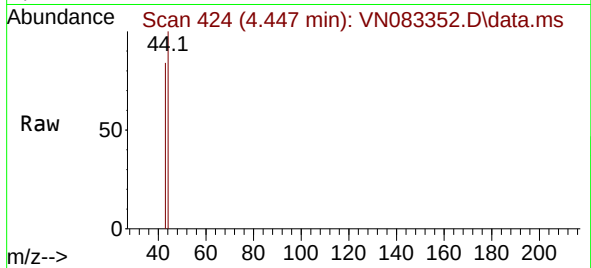




#16
Acetone
Concen: 1.686 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083352.D
Acq: 16 Aug 2024 14:26

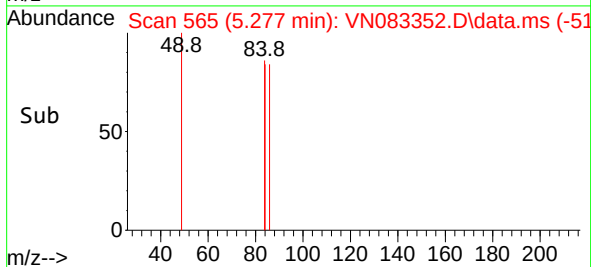
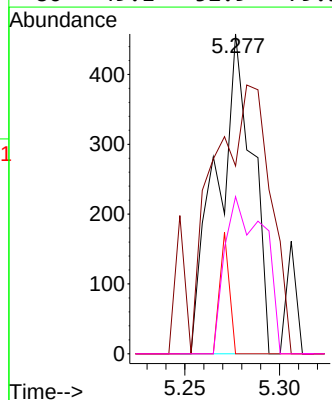
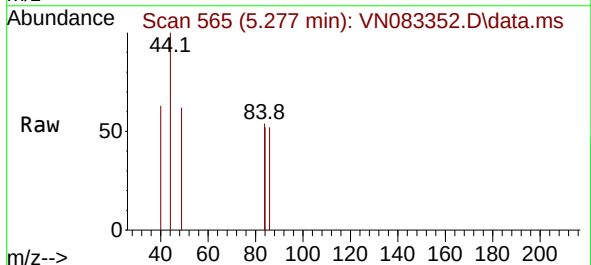
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

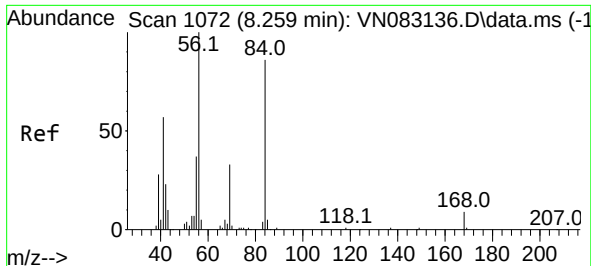
Tgt Ion: 43 Resp: 1144
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#20
Methylene Chloride
Concen: 0.384 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083352.D
Acq: 16 Aug 2024 14:26

Tgt Ion: 84 Resp: 600
Ion Ratio Lower Upper
84 100
49 23.6 119.6 179.4#
51 0.0 34.8 52.2#
86 49.1 52.9 79.3#

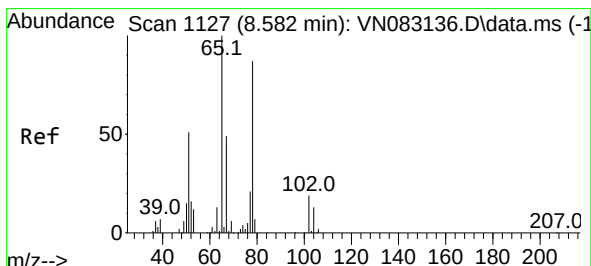
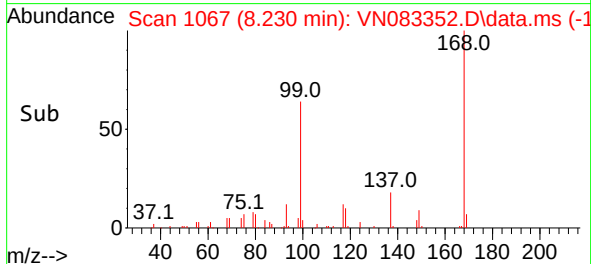
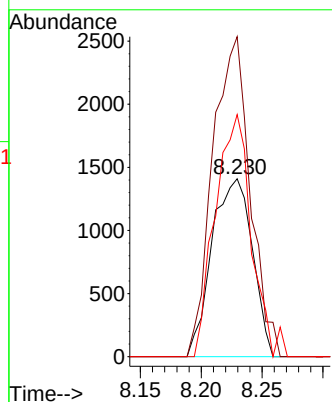
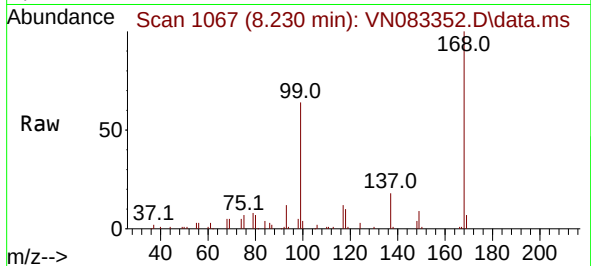




#31
Cyclohexane
Concen: 1.266 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083352.D
Acq: 16 Aug 2024 14:26

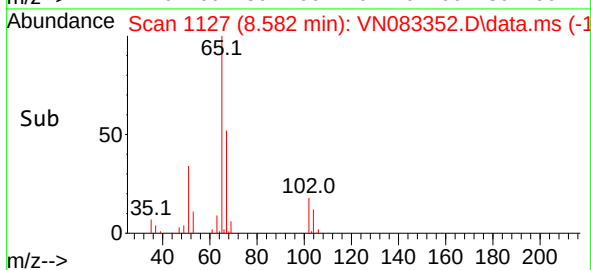
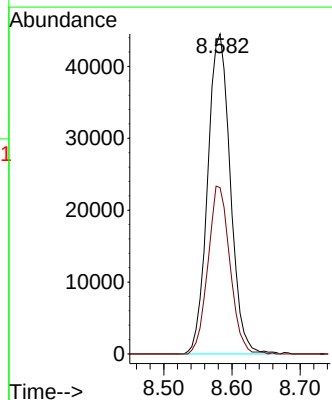
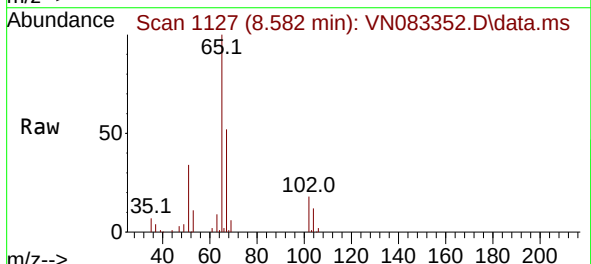
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

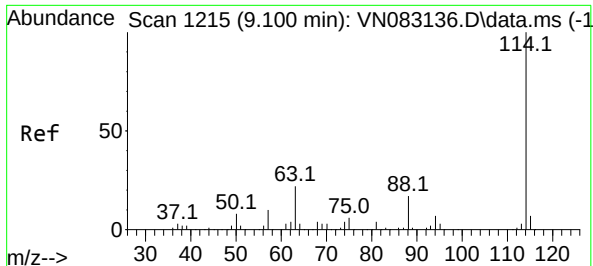
Tgt Ion: 56 Resp: 3253
Ion Ratio Lower Upper
56 100
69 179.9 24.5 36.7#
84 136.1 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 59.362 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083352.D
Acq: 16 Aug 2024 14:26

Tgt Ion: 65 Resp: 102913
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083352.D

Acq: 16 Aug 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

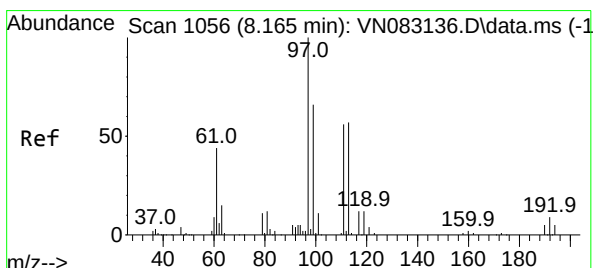
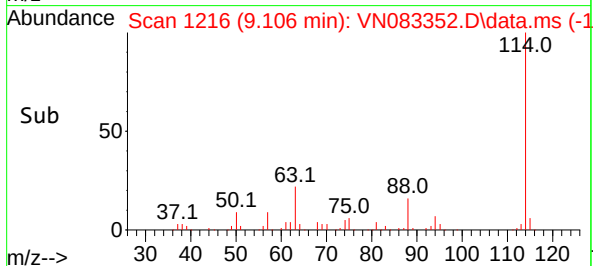
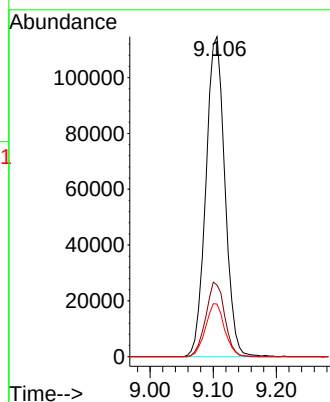
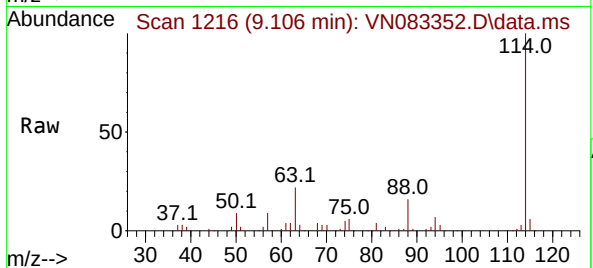
Tgt Ion:114 Resp: 239422

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.635 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083352.D

Acq: 16 Aug 2024 14:26

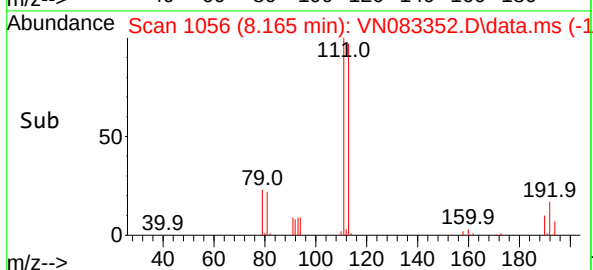
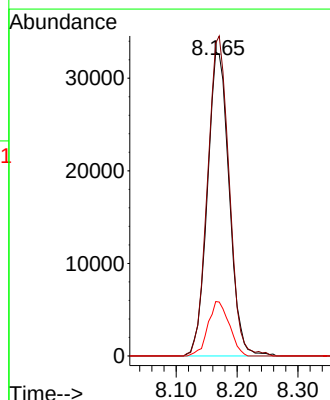
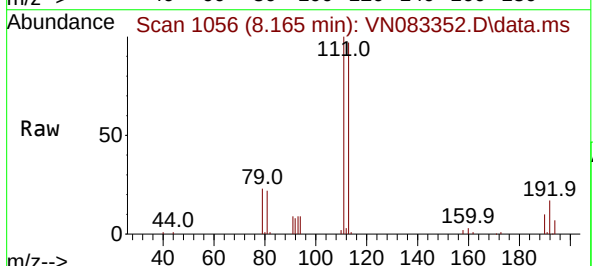
Tgt Ion:113 Resp: 81648

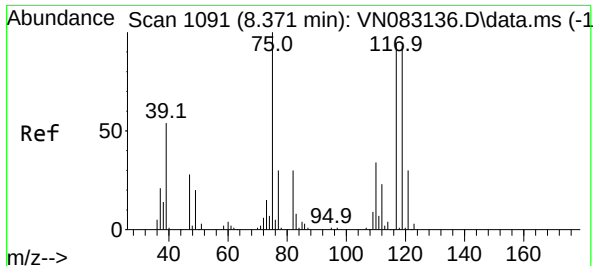
Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

192 17.5 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.760 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083352.D

Acq: 16 Aug 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

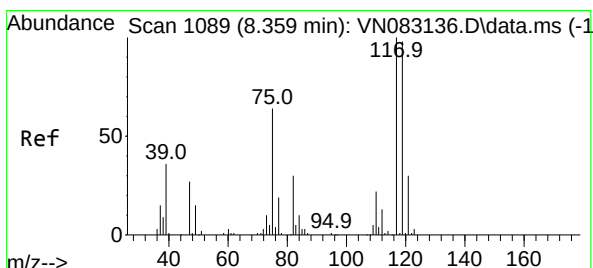
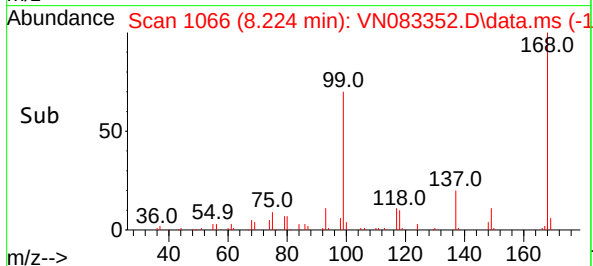
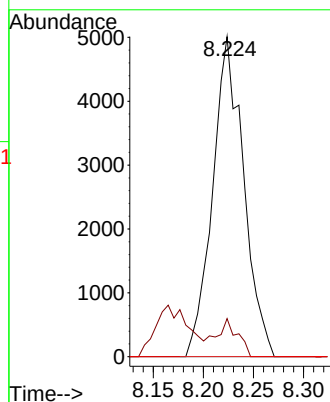
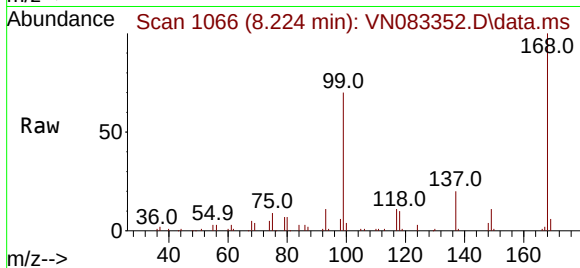
Tgt Ion: 75 Resp: 10761

Ion Ratio Lower Upper

75 100

110 6.1 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.281 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN083352.D

Acq: 16 Aug 2024 14:26

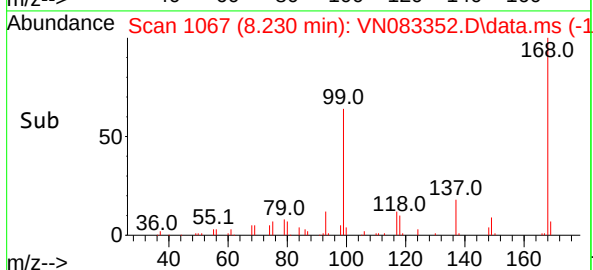
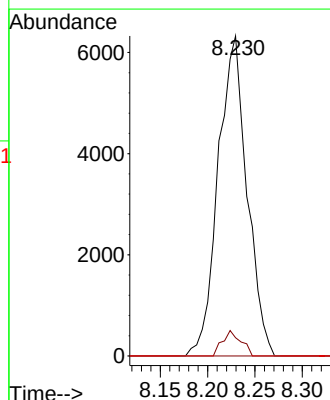
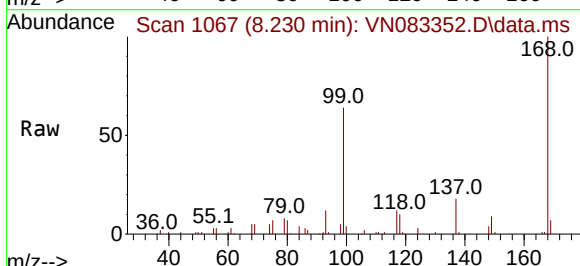
Tgt Ion: 117 Resp: 13446

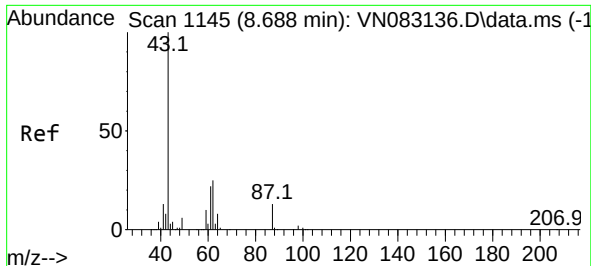
Ion Ratio Lower Upper

117 100

119 5.7 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.694 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN083352.D

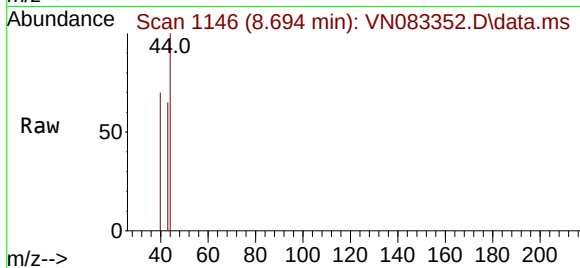
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Instrument :

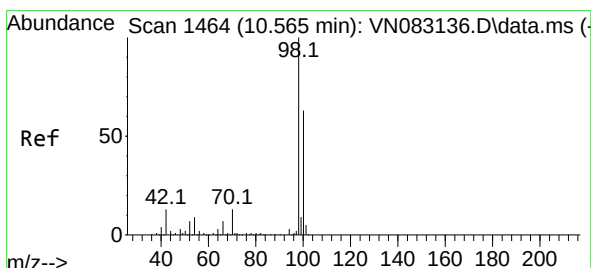
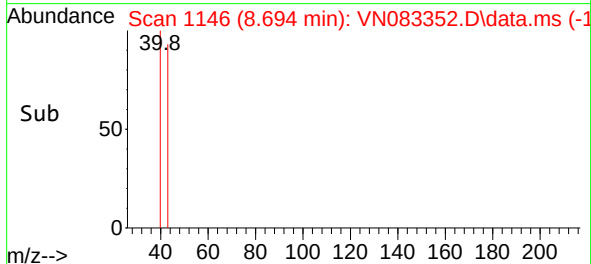
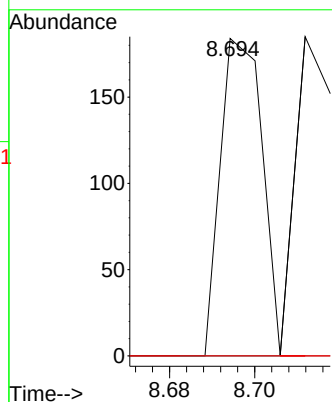
MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5



Tgt Ion: 43	Resp: 125
Ion Ratio	Lower Upper
43	100
61	0.0 17.8 26.6#
87	0.0 8.2 12.2#



#50

Toluene-d8

Concen: 54.767 ug/l

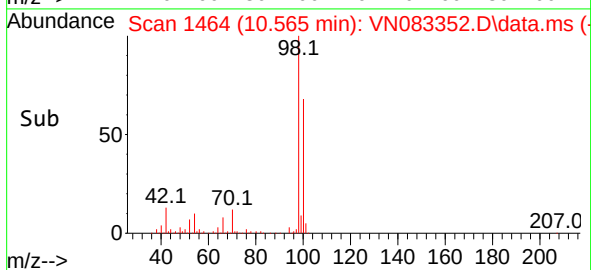
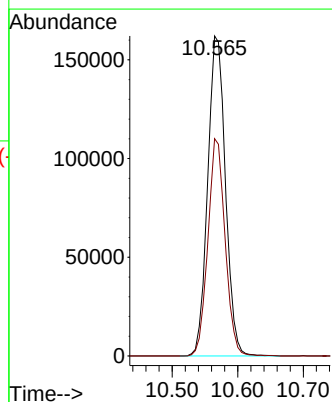
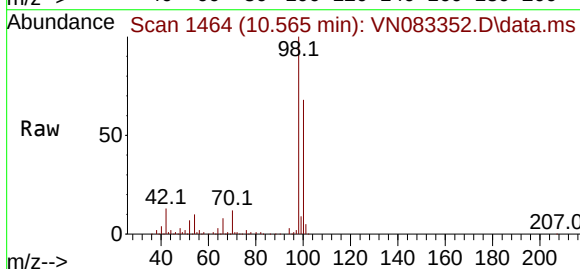
RT: 10.565 min Scan# 1464

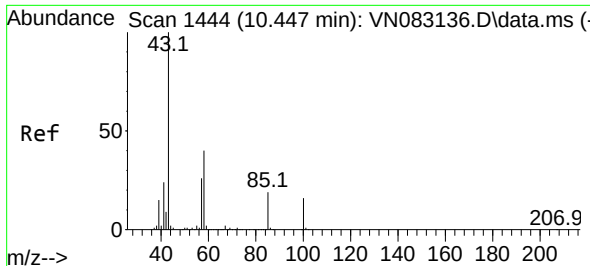
Delta R.T. -0.000 min

Lab File: VN083352.D

Acq: 16 Aug 2024 14:26

Tgt Ion: 98	Resp: 305304
Ion Ratio	Lower Upper
98	100
100	65.9 51.5 77.3

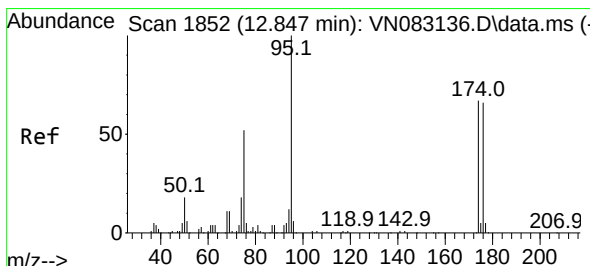
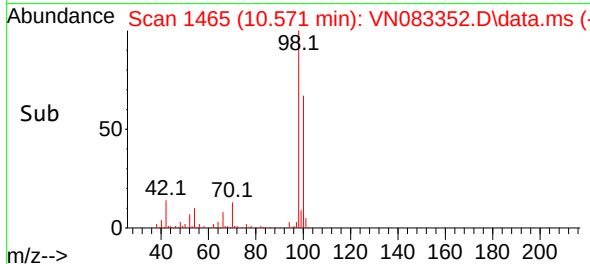
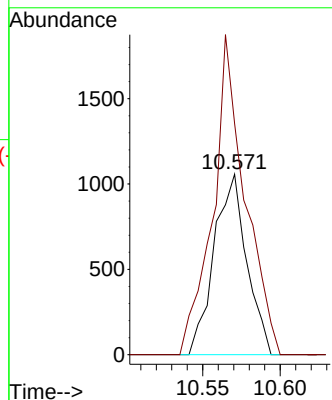
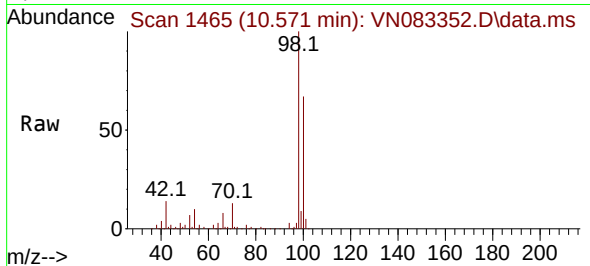




#51
4-Methyl-2-Pentanone
Concen: 0.646 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN083352.D
Acq: 16 Aug 2024 14:26

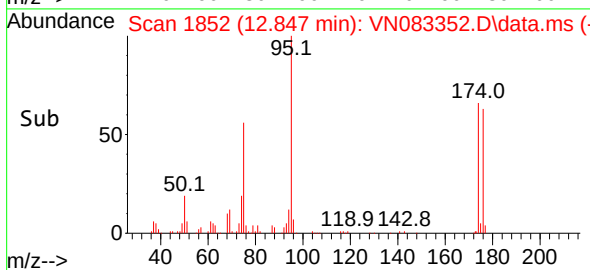
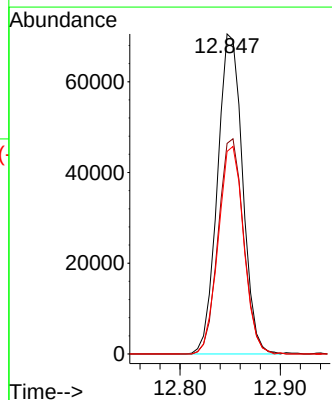
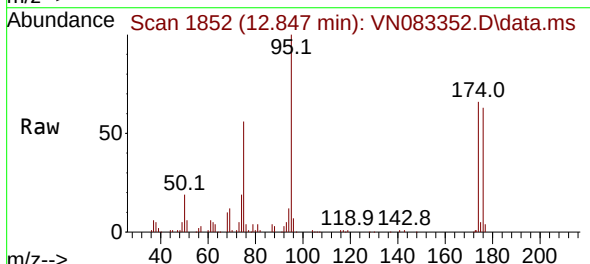
Instrument :
MSVOA_N
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Storage-Blank-WATER-REF-5

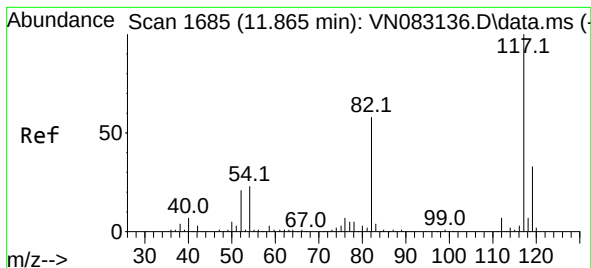
Tgt Ion: 43 Resp: 1547
Ion Ratio Lower Upper
43 100
58 175.0 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 56.260 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083352.D
Acq: 16 Aug 2024 14:26

Tgt Ion: 95 Resp: 122269
Ion Ratio Lower Upper
95 100
174 68.0 0.0 159.2
176 65.7 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: VN083352.D

Acq: 16 Aug 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

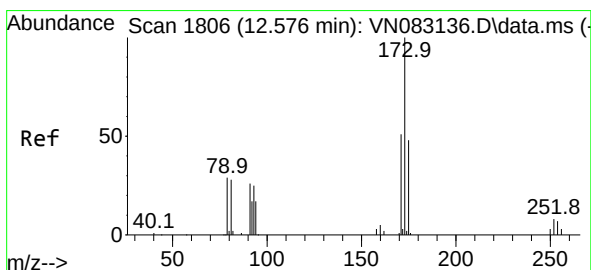
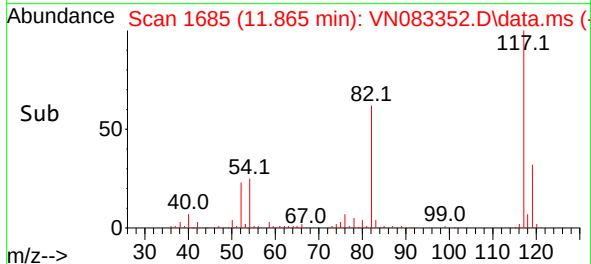
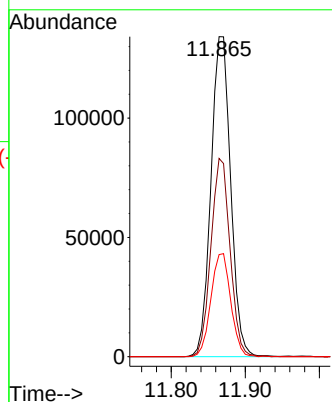
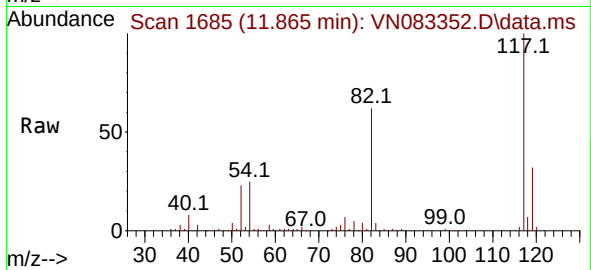
Tgt Ion:117 Resp: 247686

Ion Ratio Lower Upper

117 100

82 61.9 47.5 71.3

119 31.9 25.6 38.4



#71

Bromoform

Concen: 0.325 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN083352.D

Acq: 16 Aug 2024 14:26

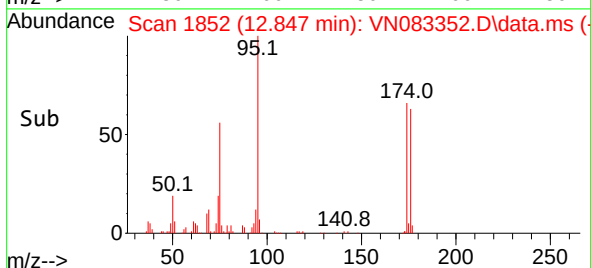
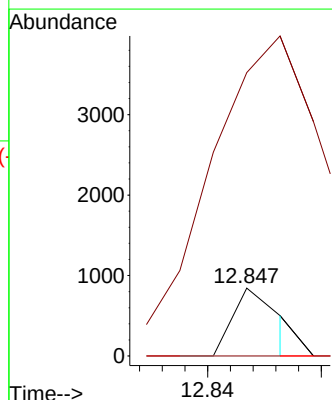
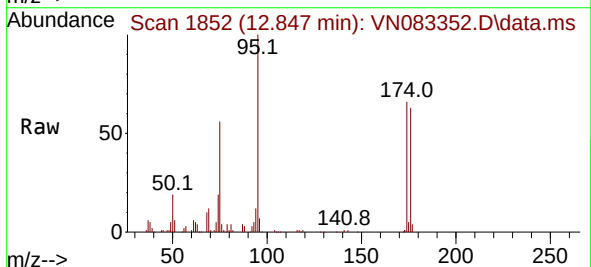
Tgt Ion:173 Resp: 475

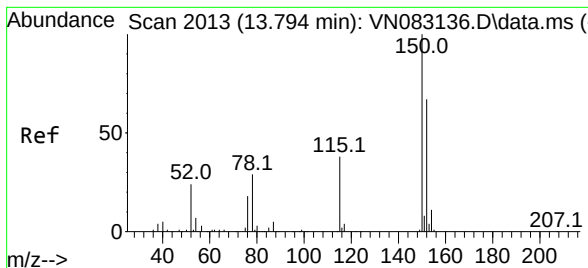
Ion Ratio Lower Upper

173 100

175 0.0 24.0 72.0#

254 0.0 0.0 0.0

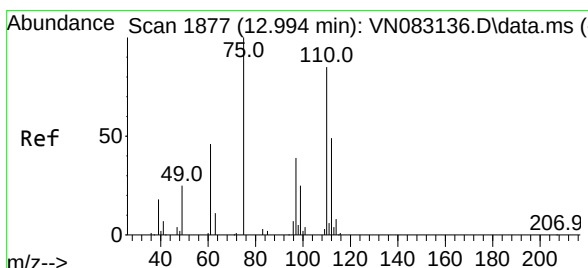
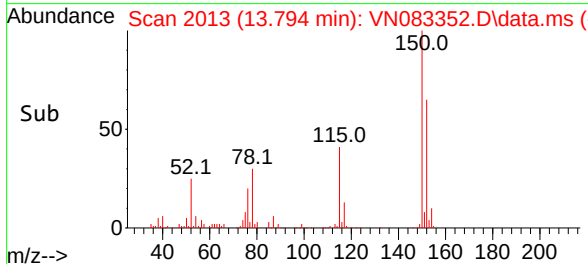
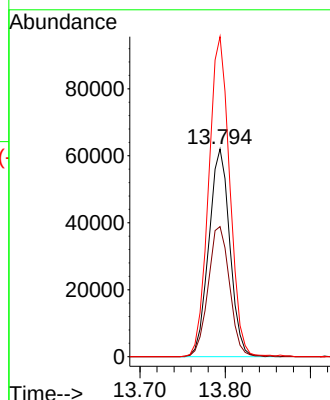
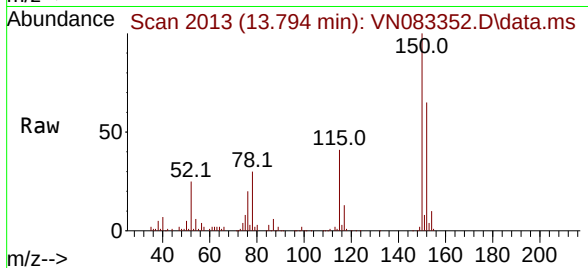




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN083352.D
 Acq: 16 Aug 2024 14:26

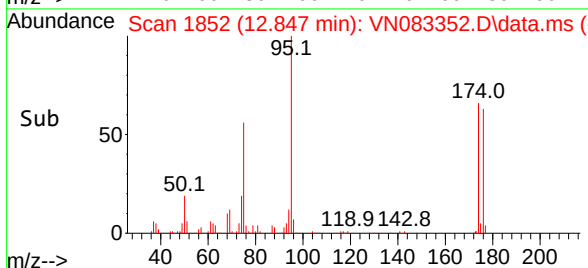
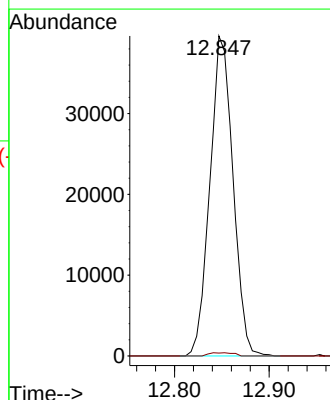
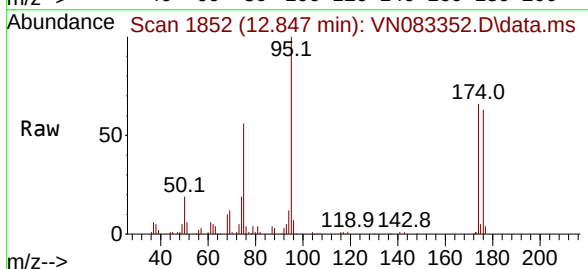
Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

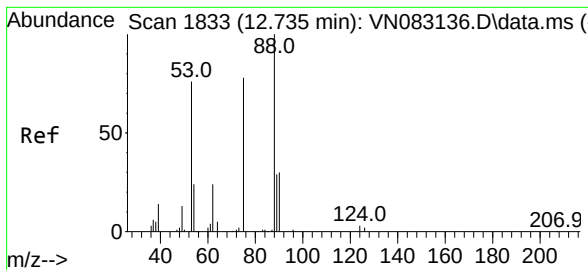
Tgt Ion:152 Resp: 105982
 Ion Ratio Lower Upper
 152 100
 115 64.0 30.6 91.6
 150 154.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.861 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083352.D
 Acq: 16 Aug 2024 14:26

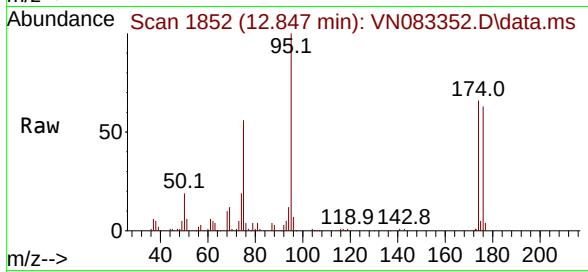
Tgt Ion: 75 Resp: 67131
 Ion Ratio Lower Upper
 75 100
 77 1.1 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.779 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083352.D
 Acq: 16 Aug 2024 14:26

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



Tgt Ion: 75 Resp: 67131
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

