

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084118.D
 Acq On : 23 Sep 2024 18:41
 Operator : JC\MD
 Sample : P4136-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Sep 24 05:00:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

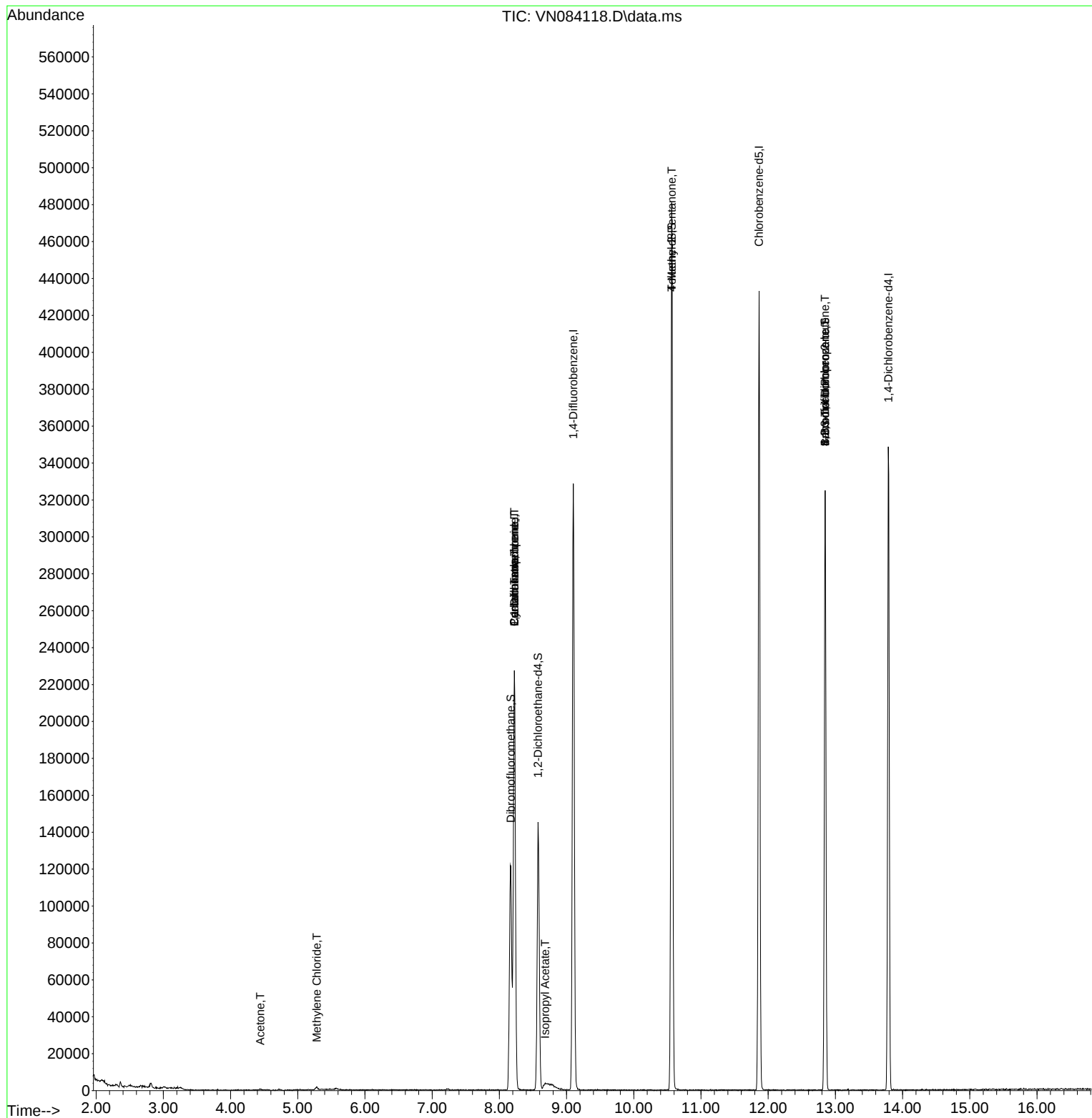
Internal Standards						
1) Pentafluorobenzene	8.224	168	151519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	87587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118864	52.026	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.060%	
35) Dibromofluoromethane	8.171	113	87643	50.409	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.820%	
50) Toluene-d8	10.565	98	324235	53.944	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.880%	
62) 4-Bromofluorobenzene	12.847	95	110263	44.464	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	2142	Below Cal		93
16) Acetone	4.442	43	1086	1.186 ug/l	#	45
18) Methyl Acetate	5.036	43	153	Below Cal	#	52
20) Methylene Chloride	5.283	84	818	0.436 ug/l	#	85
31) Cyclohexane	8.224	56	4065	1.231 ug/l	#	30
36) 1,1-Dichloropropene	8.224	75	14825	5.665 ug/l	#	50
38) Carbon Tetrachloride	8.224	117	17921	6.036 ug/l	#	16
43) Isopropyl Acetate	8.683	43	4120	0.957 ug/l	#	57
51) 4-Methyl-2-Pentanone	10.565	43	1677	0.716 ug/l	#	1
71) Bromoform	12.847	173	671	0.568 ug/l	#	29
76) 1,2,3-Trichloropropane	12.847	75	61668	34.893 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61668	91.388 ug/l	#	9

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

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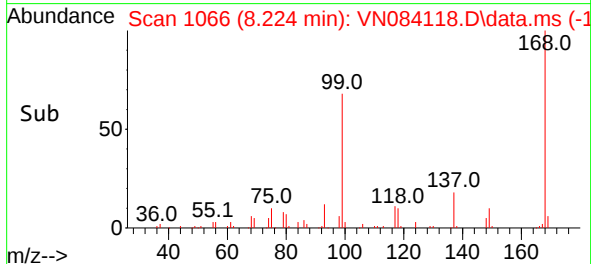
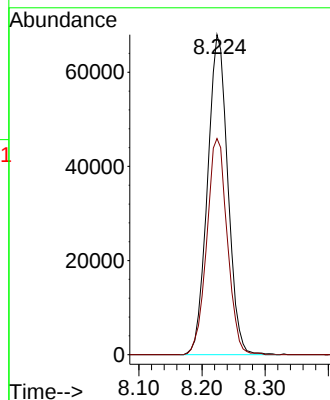
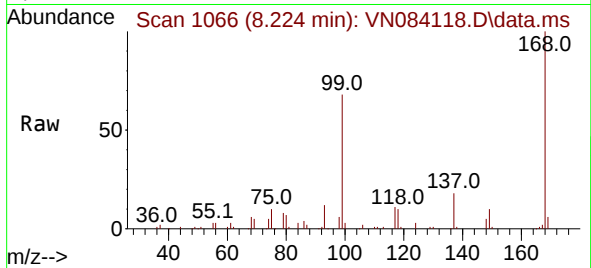




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084118.D
Acq: 23 Sep 2024 18:41

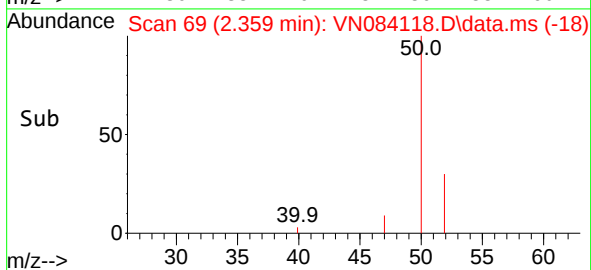
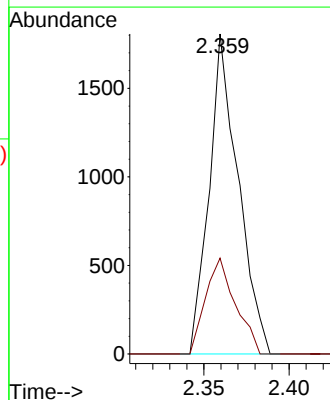
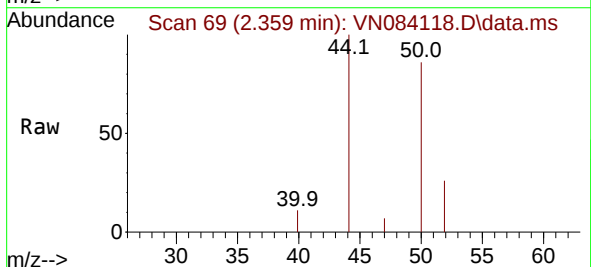
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-WATER-REF-4

Tgt Ion:168 Resp: 151519
Ion Ratio Lower Upper
168 100
99 67.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084118.D
Acq: 23 Sep 2024 18:41

Tgt Ion: 50 Resp: 2142
Ion Ratio Lower Upper
50 100
52 29.9 27.2 40.8

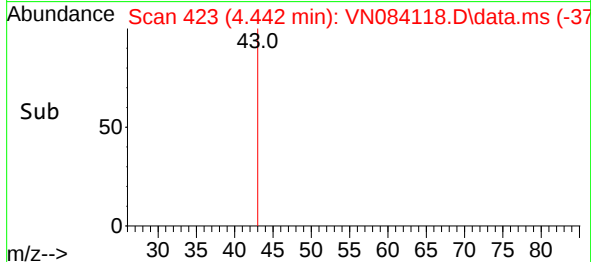
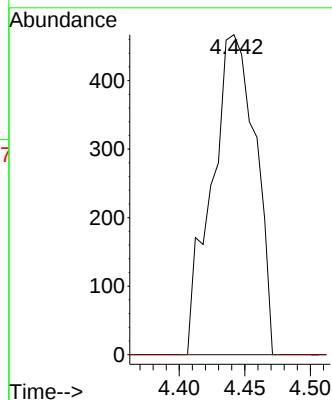
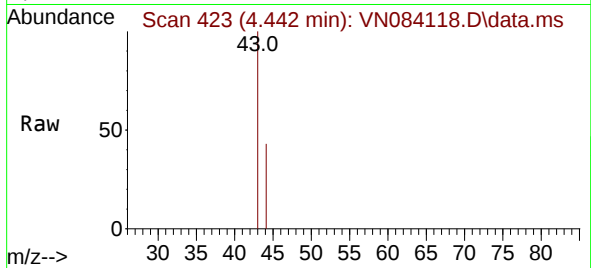




#16
Acetone
Concen: 1.186 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084118.D
Acq: 23 Sep 2024 18:41

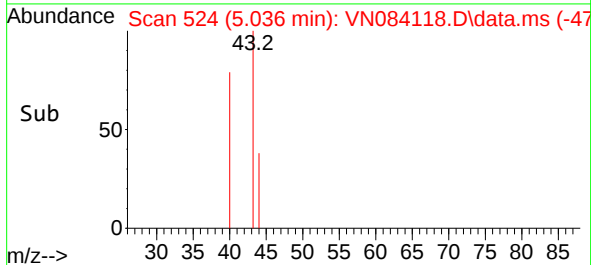
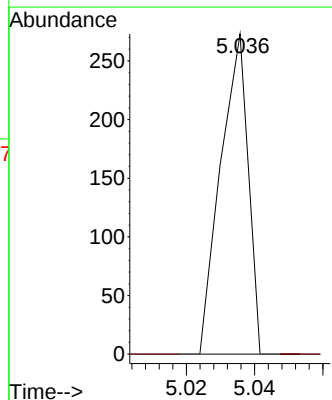
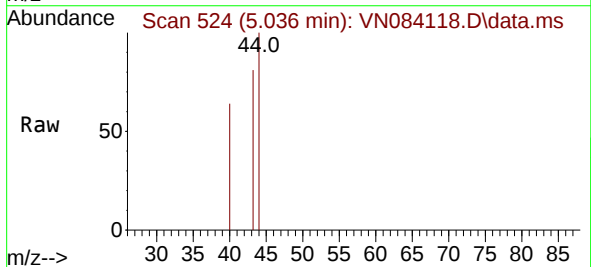
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

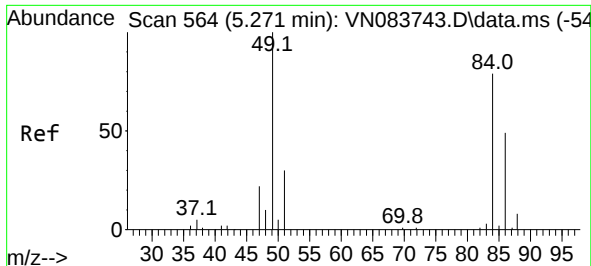
Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN084118.D
Acq: 23 Sep 2024 18:41

Tgt Ion: 43 Resp: 153
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

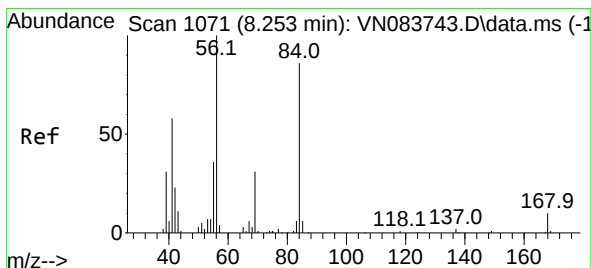
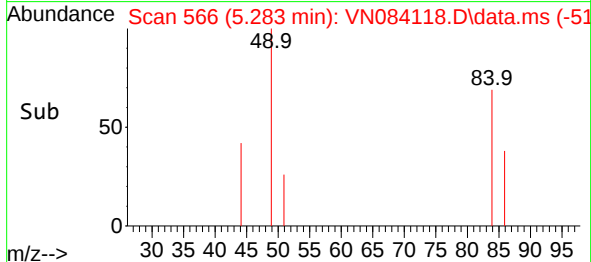
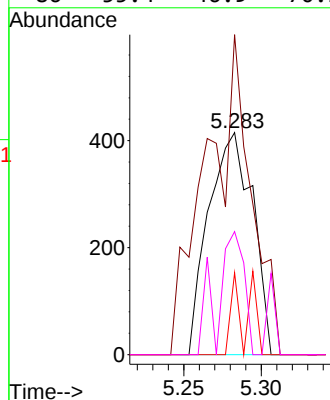
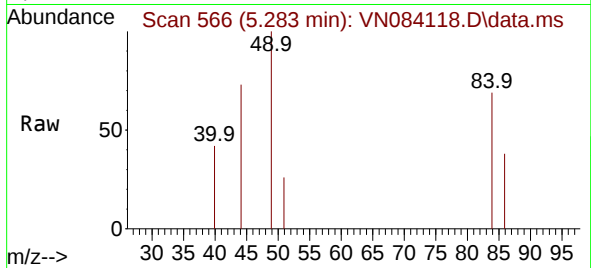




#20
Methylene Chloride
Concen: 0.436 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084118.D
Acq: 23 Sep 2024 18:41

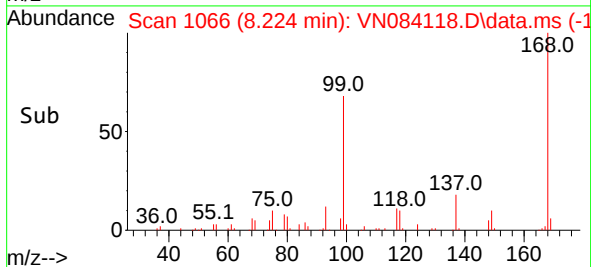
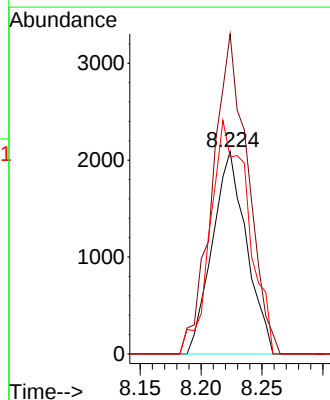
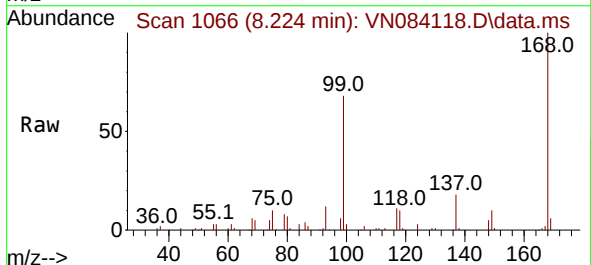
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

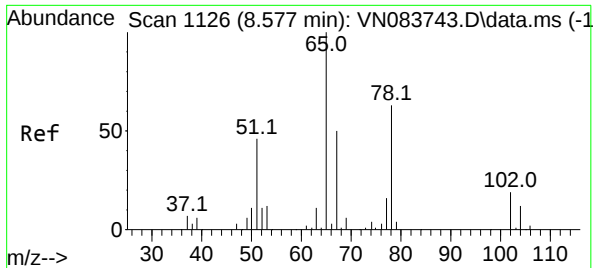
Tgt Ion: 84	Resp: 818
Ion Ratio	Lower Upper
84 100	
49 144.1	93.4 140.0#
51 36.9	29.2 43.8
86 55.4	46.9 70.3



#31
Cyclohexane
Concen: 1.231 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084118.D
Acq: 23 Sep 2024 18:41

Tgt Ion: 56	Resp: 4065
Ion Ratio	Lower Upper
56 100	
69 158.1	26.9 40.3#
84 97.3	69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 52.026 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084118.D

Acq: 23 Sep 2024 18:41

Instrument :

MSVOA_N

ClientSampleId :

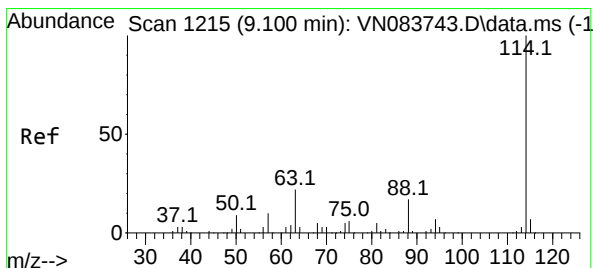
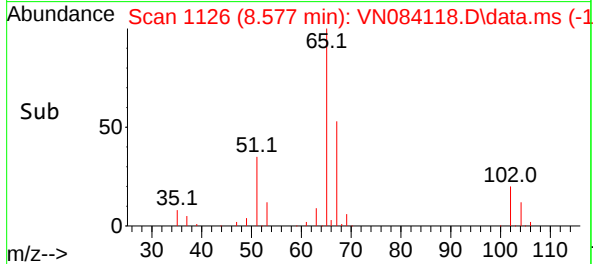
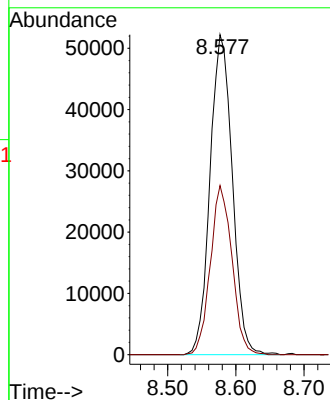
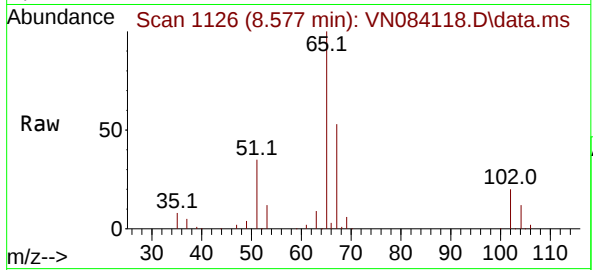
Storage-Blank-WATER-REF-4

Tgt Ion: 65 Resp: 118864

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084118.D

Acq: 23 Sep 2024 18:41

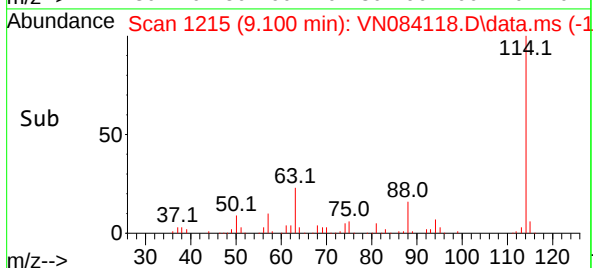
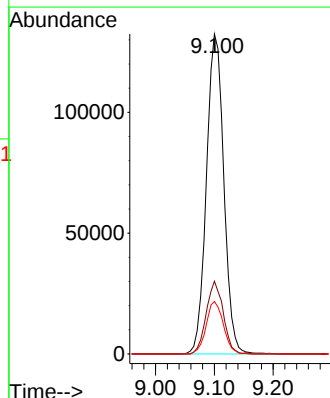
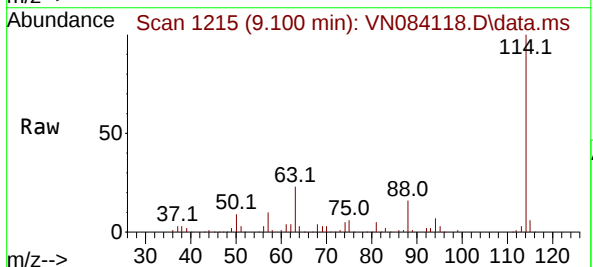
Tgt Ion: 114 Resp: 271585

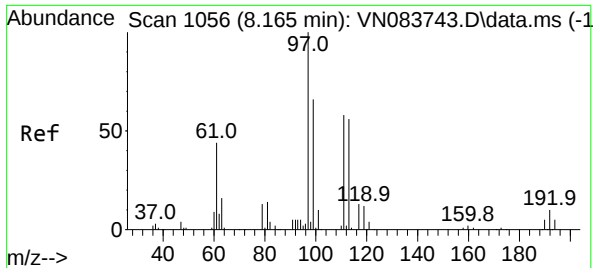
Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.4

88 16.4 0.0 32.6

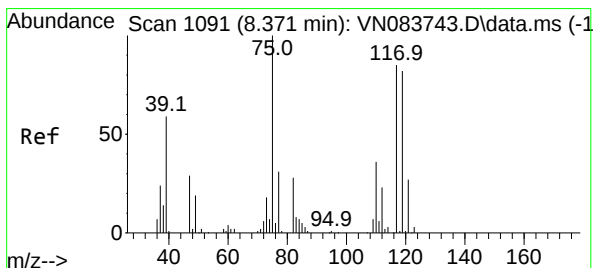
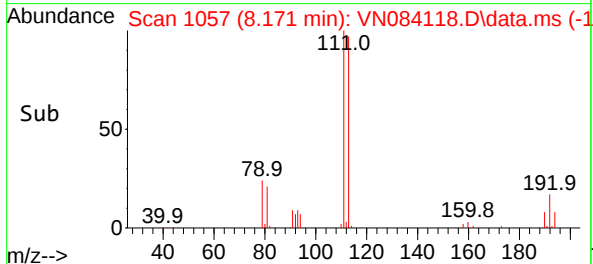
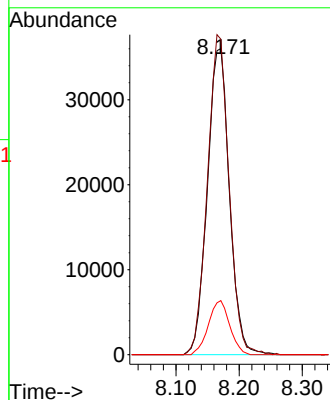
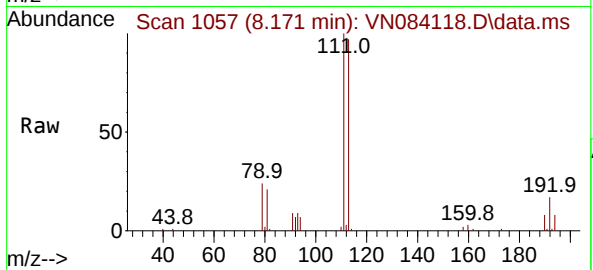




#35
Dibromofluoromethane
Concen: 50.409 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084118.D
Acq: 23 Sep 2024 18:41

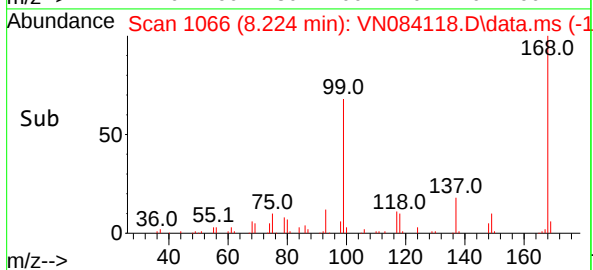
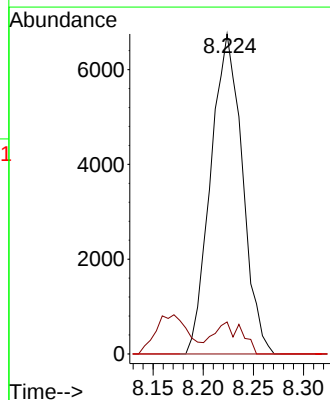
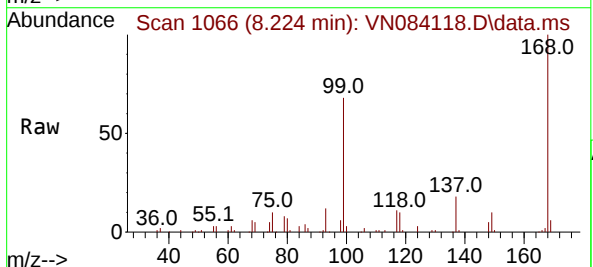
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

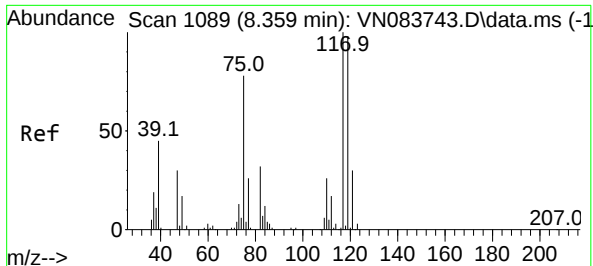
Tgt Ion:113 Resp: 87643
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 17.0 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.665 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084118.D
Acq: 23 Sep 2024 18:41

Tgt Ion: 75 Resp: 14825
Ion Ratio Lower Upper
75 100
110 8.8 16.7 50.1#
77 0.0 25.2 37.8#

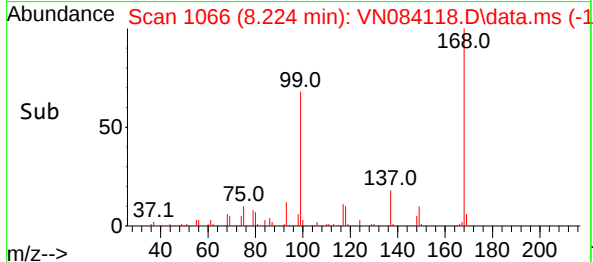
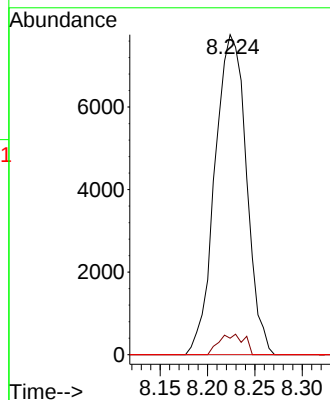
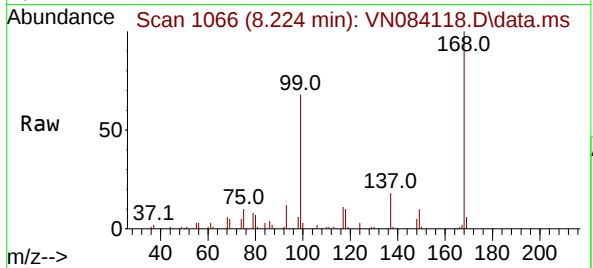




#38
Carbon Tetrachloride
Concen: 6.036 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN084118.D
Acq: 23 Sep 2024 18:41

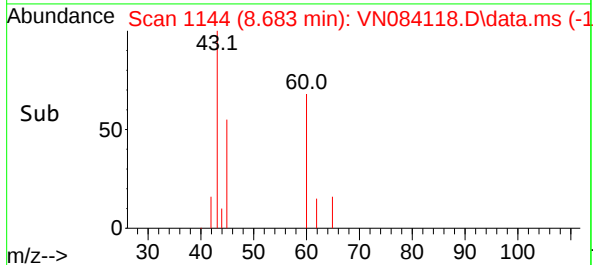
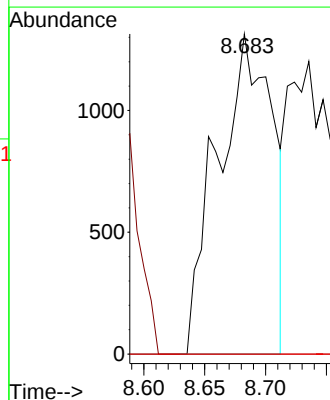
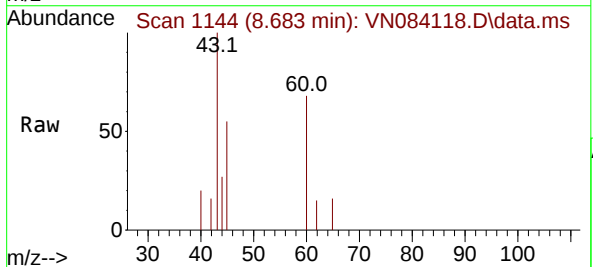
Instrument :
MSVOA_N
ClientSampleId :
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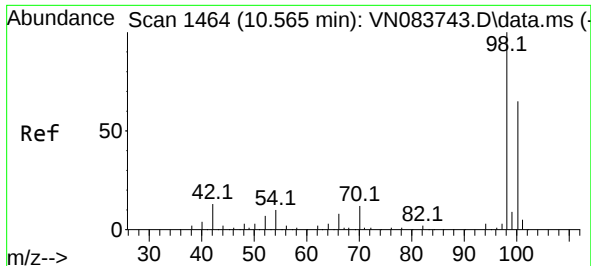
Tgt Ion:117 Resp: 17921
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.957 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN084118.D
Acq: 23 Sep 2024 18:41

Tgt Ion: 43 Resp: 4120
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

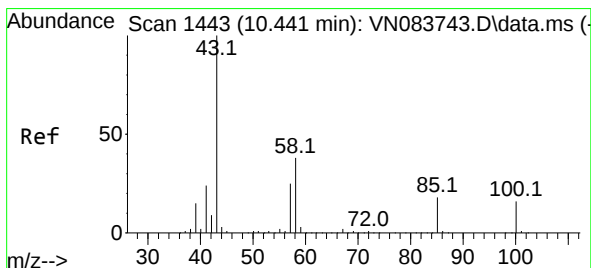
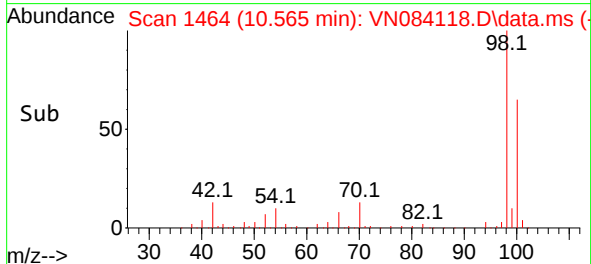
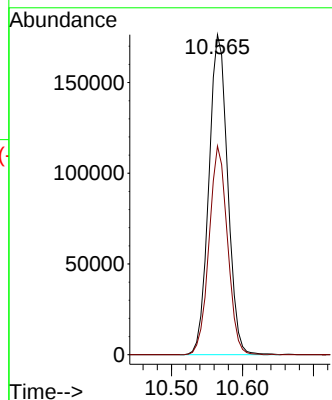
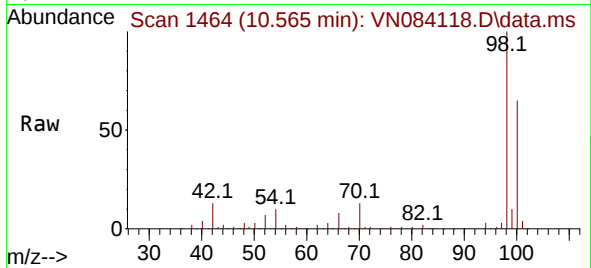




#50
Toluene-d8
Concen: 53.944 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084118.D
Acq: 23 Sep 2024 18:41

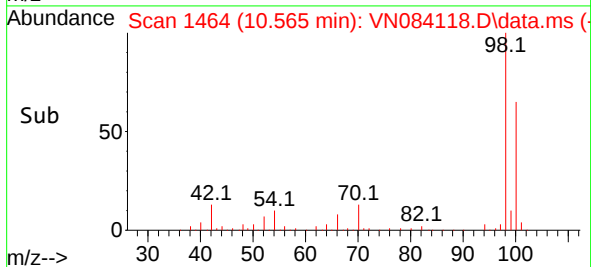
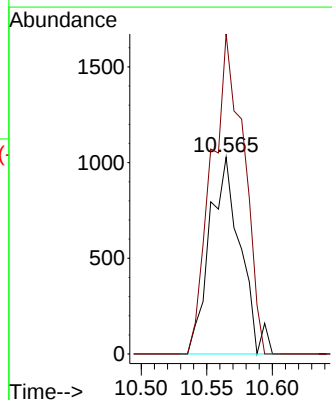
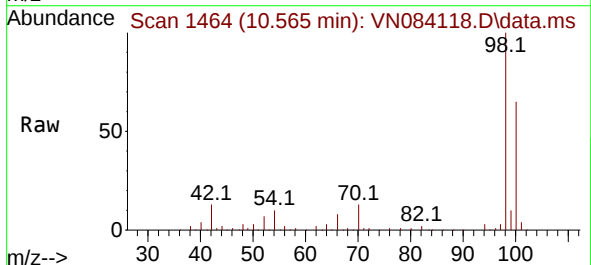
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

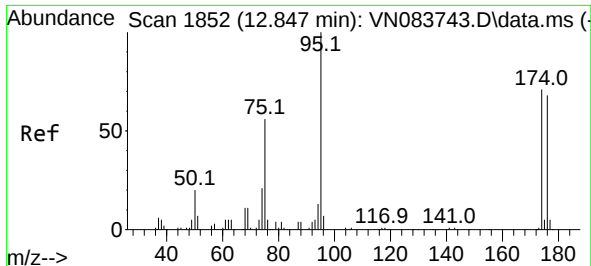
Tgt Ion: 98 Resp: 324235
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.716 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084118.D
Acq: 23 Sep 2024 18:41

Tgt Ion: 43 Resp: 1677
Ion Ratio Lower Upper
43 100
58 170.4 31.6 47.4#

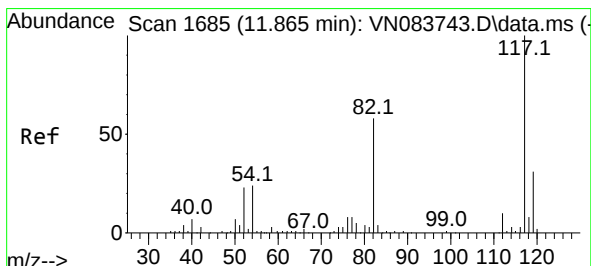
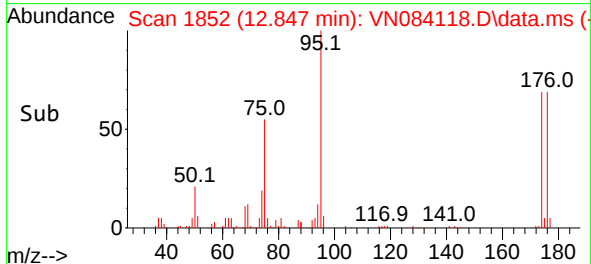
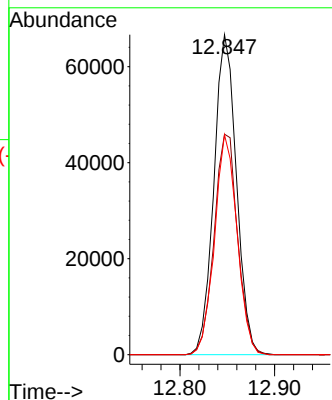
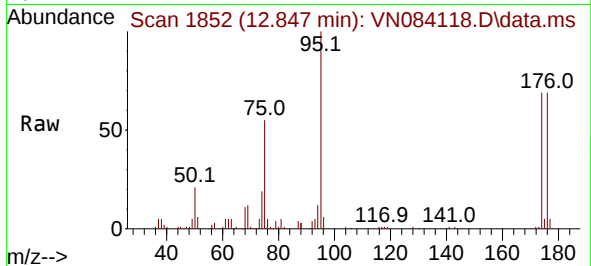




#62
4-Bromofluorobenzene
Concen: 44.464 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084118.D
Acq: 23 Sep 2024 18:41

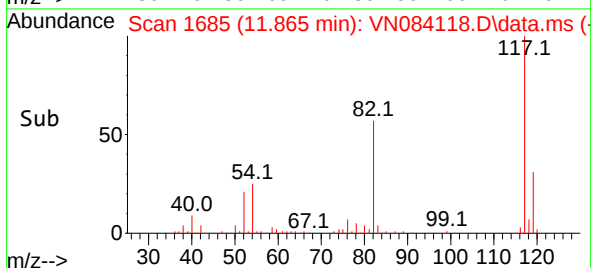
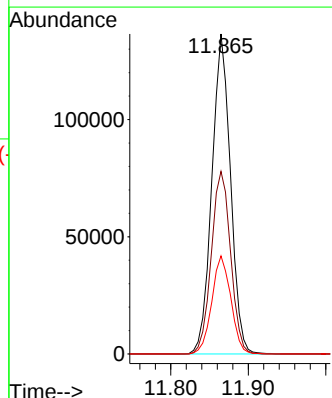
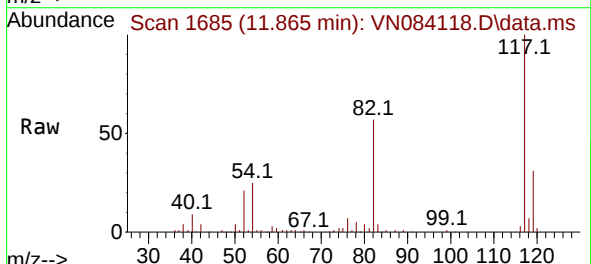
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

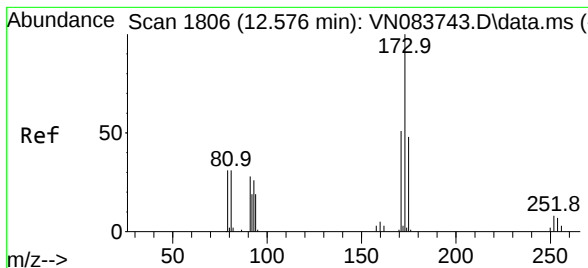
Tgt Ion: 95 Resp: 110263
Ion Ratio Lower Upper
95 100
174 72.1 0.0 139.8
176 68.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084118.D
Acq: 23 Sep 2024 18:41

Tgt Ion: 117 Resp: 227699
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.0
119 30.6 26.3 39.5





#71

Bromoform

Concen: 0.568 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN084118.D

Acq: 23 Sep 2024 18:41

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4

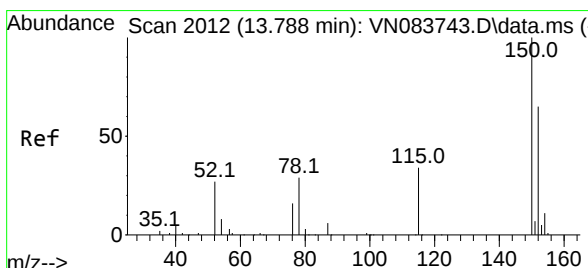
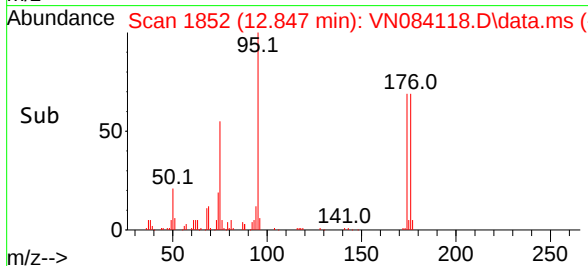
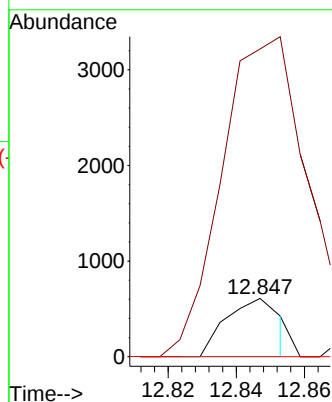
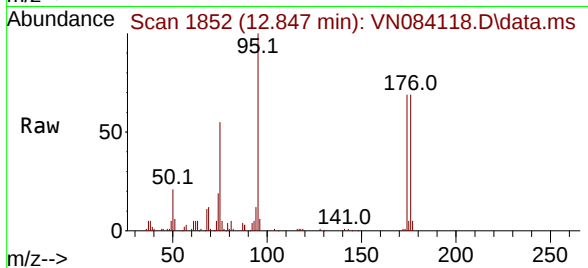
Tgt Ion:173 Resp: 671

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084118.D

Acq: 23 Sep 2024 18:41

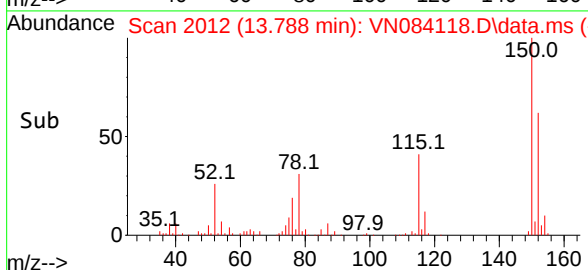
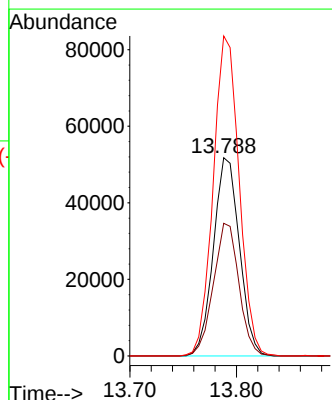
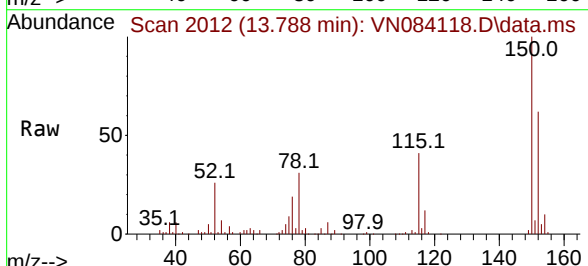
Tgt Ion:152 Resp: 87587

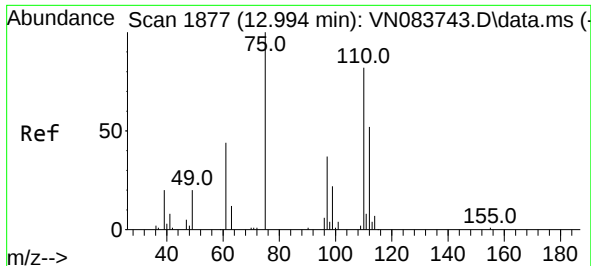
Ion Ratio Lower Upper

152 100

115 65.8 32.2 96.6

150 161.1 0.0 348.6

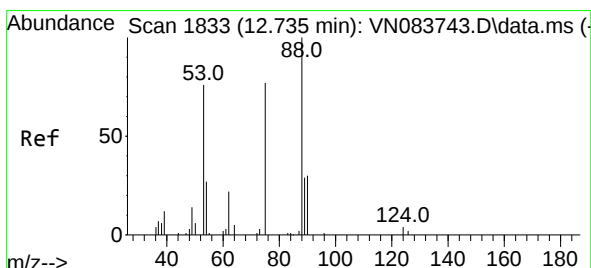
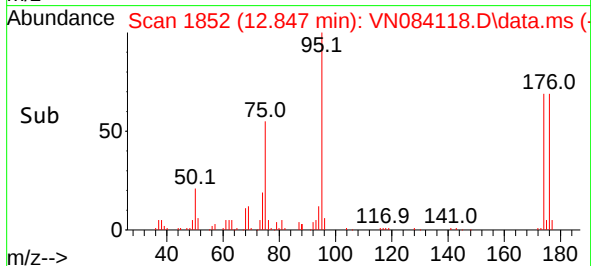
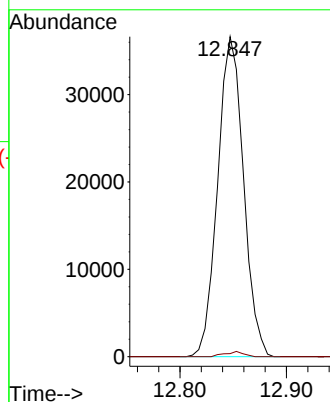
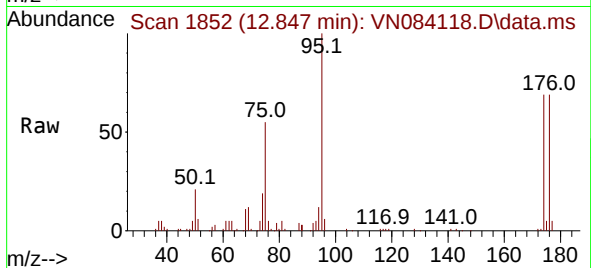




#76
1,2,3-Trichloropropane
Concen: 34.893 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084118.D
Acq: 23 Sep 2024 18:41

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion: 75 Resp: 61668
Ion Ratio Lower Upper
75 100
77 1.2 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.388 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084118.D
Acq: 23 Sep 2024 18:41

Tgt Ion: 75 Resp: 61668
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

