

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086296.D
 Acq On : 16 Apr 2025 14:50
 Operator : JC\MD
 Sample : Q1793-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 17 03:07:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

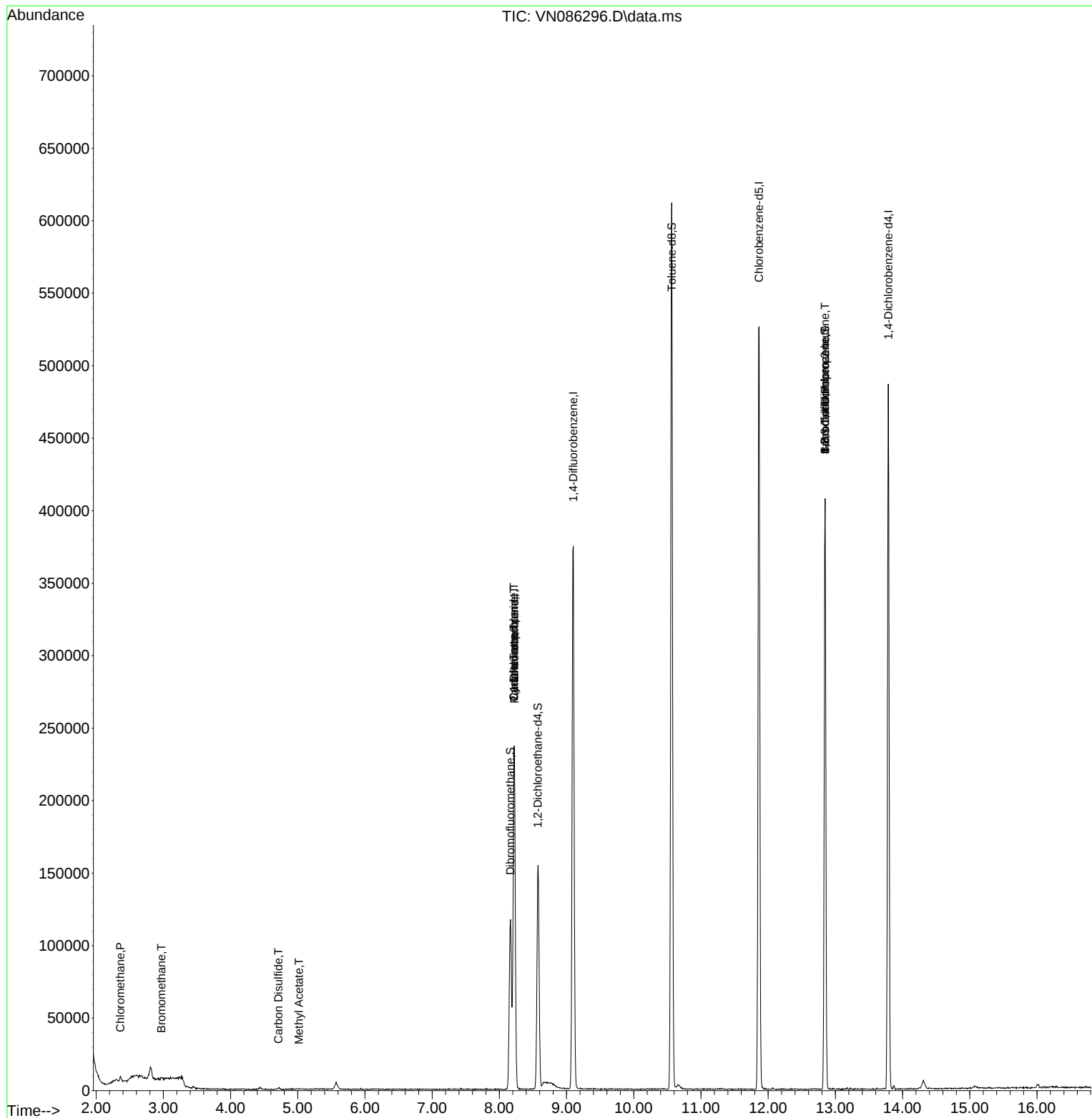
Internal Standards						
1) Pentafluorobenzene	8.224	168	173580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	127302	50.576	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.160%			
35) Dibromofluoromethane	8.165	113	87710	55.928	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.860%			
50) Toluene-d8	10.565	98	421196	50.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.847	95	149533	48.913	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.820%			
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	2711	0.907	ug/l	98
5) Bromomethane	2.971	94	728	0.567	ug/l	94
13) Acrolein	4.177	56	120	Below Cal	#	1
16) Acetone	4.412	43	739	Below Cal		95
17) Carbon Disulfide	4.712	76	1651	0.270	ug/l #	74
18) Methyl Acetate	5.018	43	734	0.243	ug/l #	51
31) Cyclohexane	8.218	56	4405	1.080	ug/l #	41
36) 1,1-Dichloropropene	8.218	75	14927	4.765	ug/l #	49
38) Carbon Tetrachloride	8.218	117	17887	5.996	ug/l #	15
43) Isopropyl Acetate	8.665	43	6931	Below Cal	#	55
71) Bromoform	12.847	173	703	0.410	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	77338	25.992	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	77338	62.424	ug/l #	10

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

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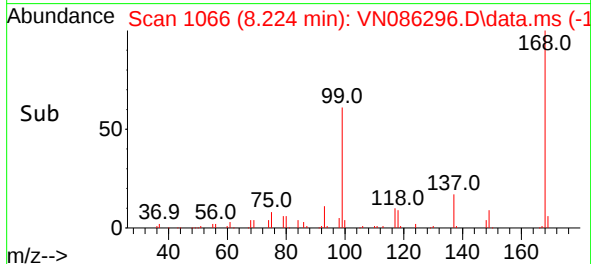
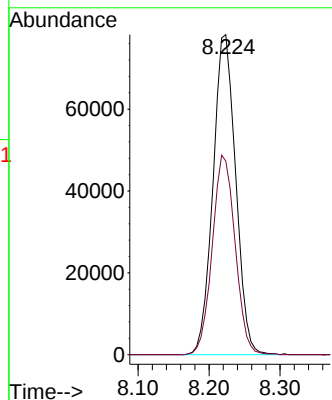
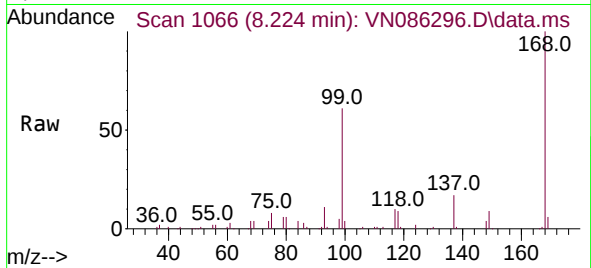




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

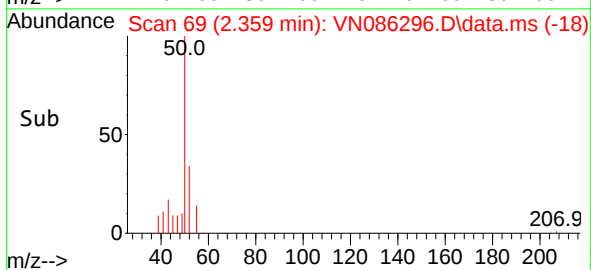
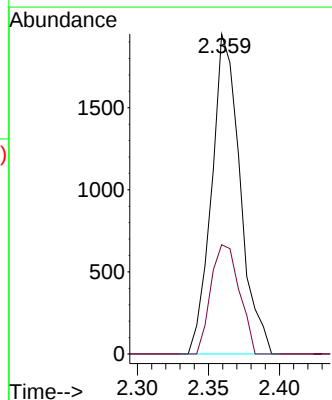
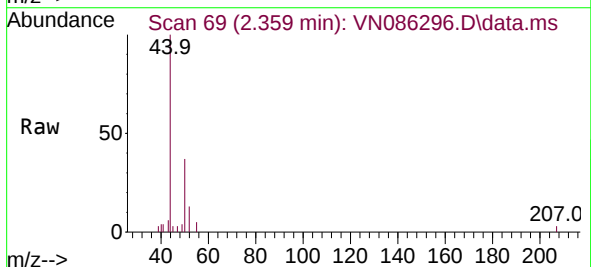
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:168 Resp: 173580
Ion Ratio Lower Upper
168 100
99 60.5 52.5 78.7



#3
Chloromethane
Concen: 0.907 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

Tgt Ion: 50 Resp: 2711
Ion Ratio Lower Upper
50 100
52 34.2 26.5 39.7

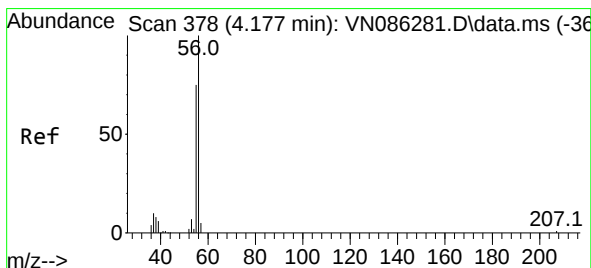
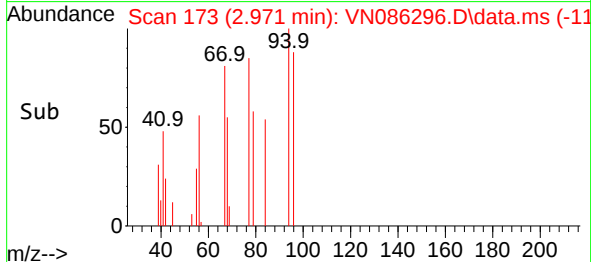
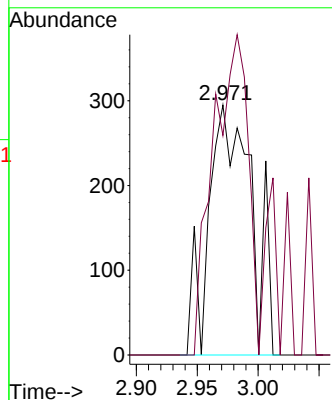
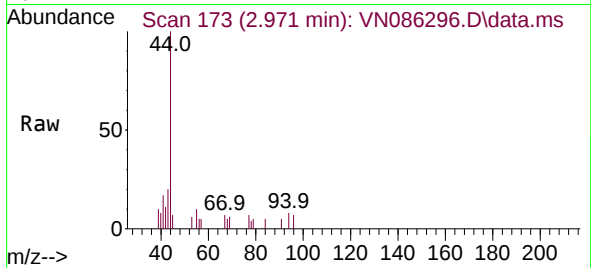




#5
Bromomethane
Concen: 0.567 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

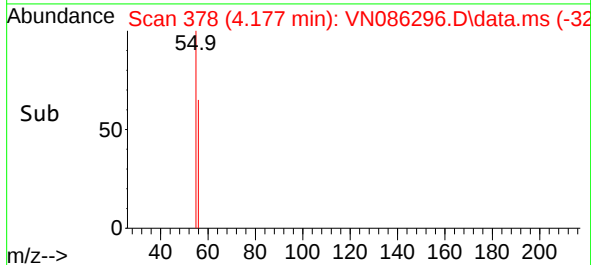
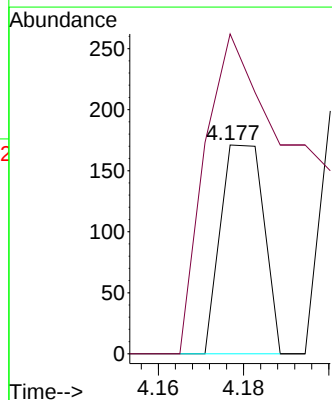
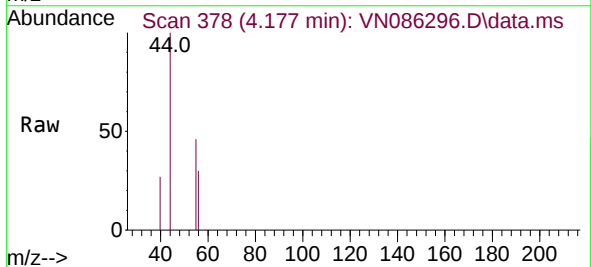
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

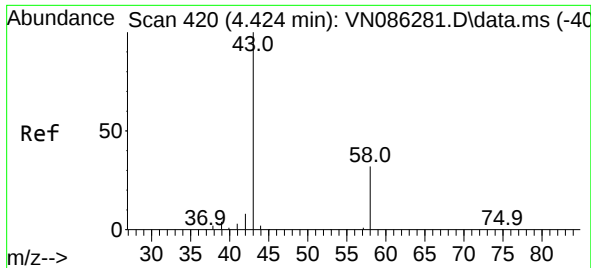
Tgt Ion: 94 Resp: 728
Ion Ratio Lower Upper
94 100
96 87.8 75.2 112.8



#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

Tgt Ion: 56 Resp: 120
Ion Ratio Lower Upper
56 100
55 380.8 58.5 87.7#





#16

Acetone

Concen: Below Cal

RT: 4.412 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN086296.D

Acq: 16 Apr 2025 14:50

Instrument :

MSVOA_N

ClientSampleId :

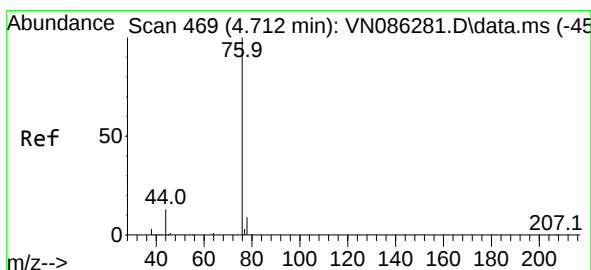
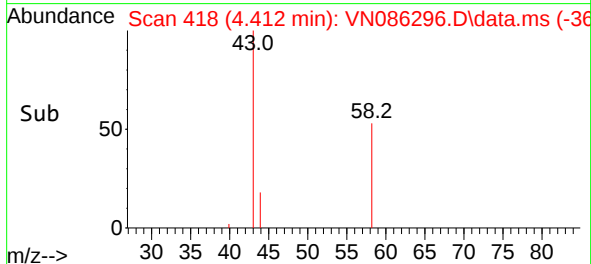
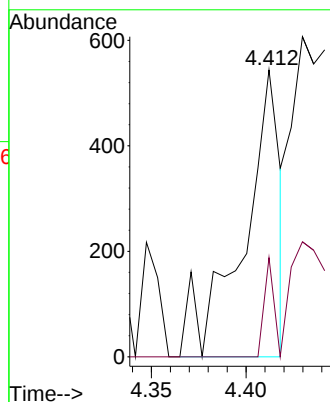
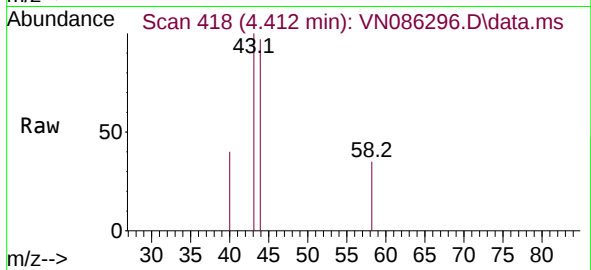
Storage-Blank-WATER-REF-5

Tgt Ion: 43 Resp: 739

Ion Ratio Lower Upper

43 100

58 34.6 25.3 37.9



#17

Carbon Disulfide

Concen: 0.270 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN086296.D

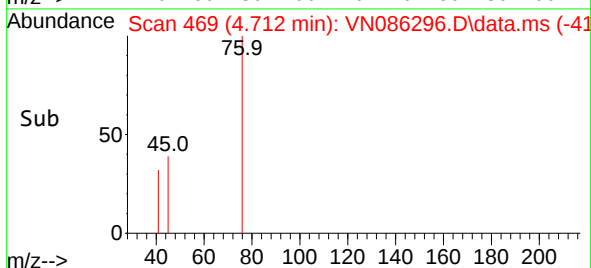
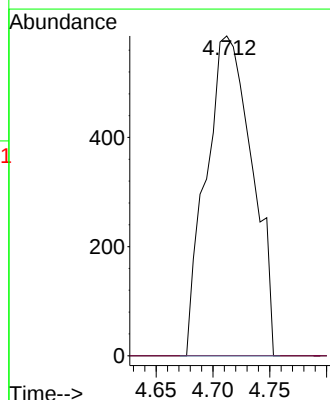
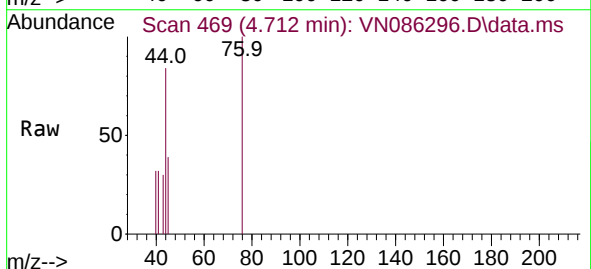
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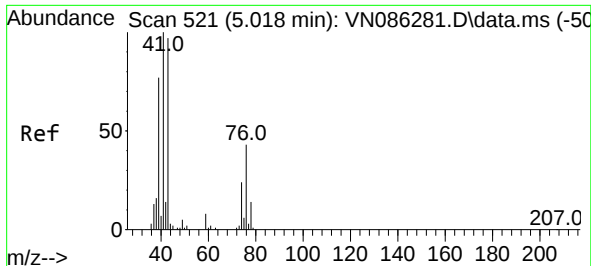
Tgt Ion: 76 Resp: 1651

Ion Ratio Lower Upper

76 100

78 0.0 7.6 11.4#

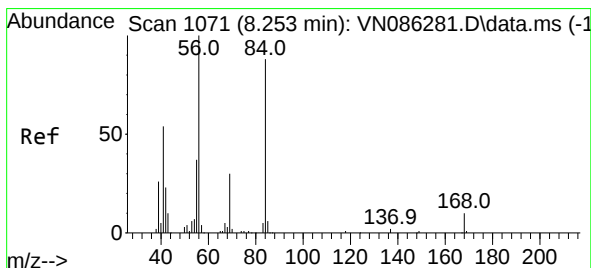
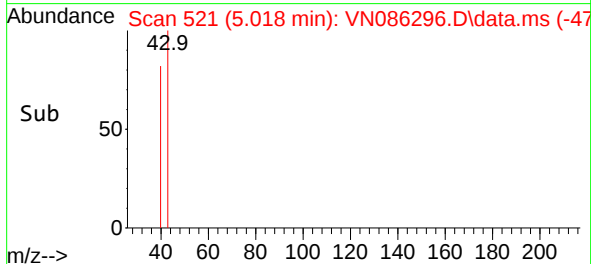
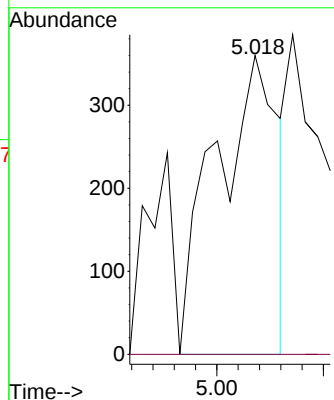
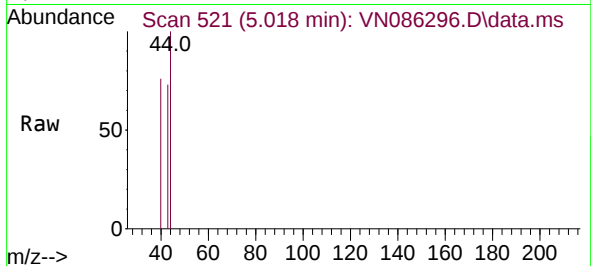




#18
Methyl Acetate
Concen: 0.243 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

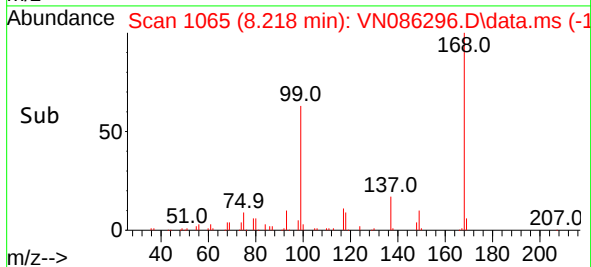
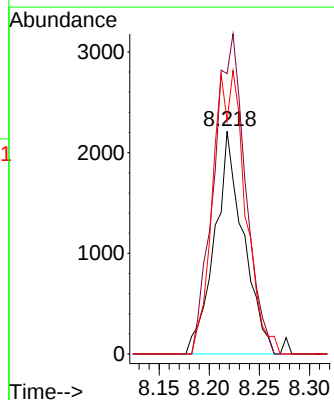
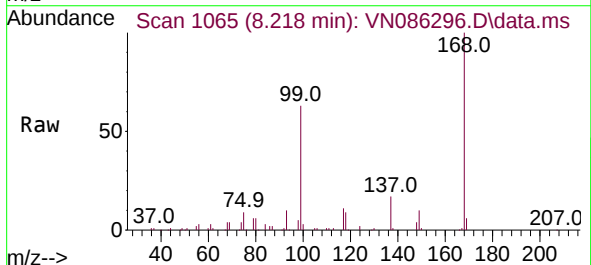
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

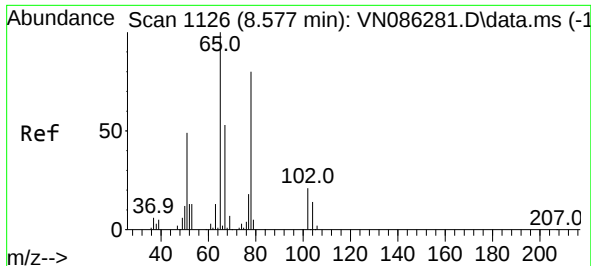
Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



#31
Cyclohexane
Concen: 1.080 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

Tgt Ion: 56 Resp: 4405
Ion Ratio Lower Upper
56 100
69 125.9 24.2 36.2#
84 104.7 70.3 105.5

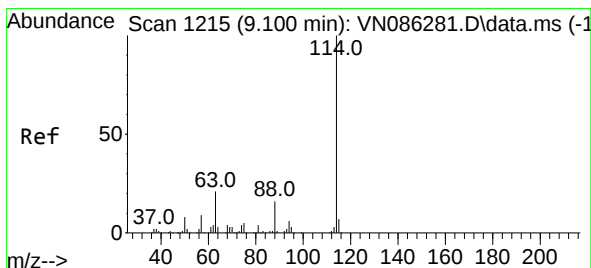
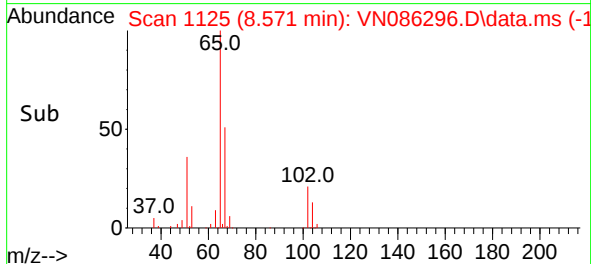
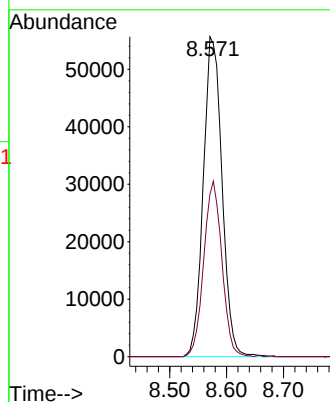
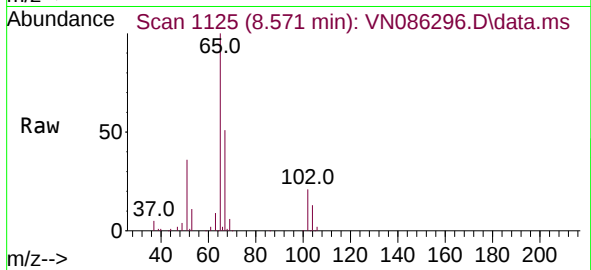




#33
 1,2-Dichloroethane-d4
 Concen: 50.576 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: VN086296.D
 Acq: 16 Apr 2025 14:50

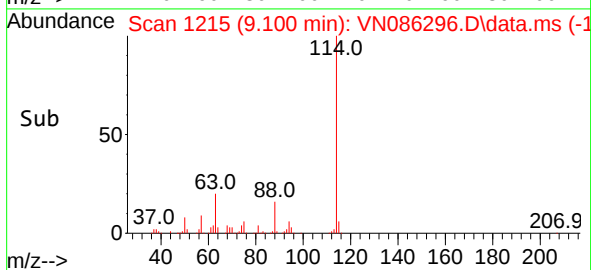
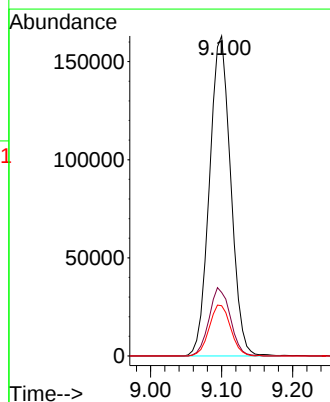
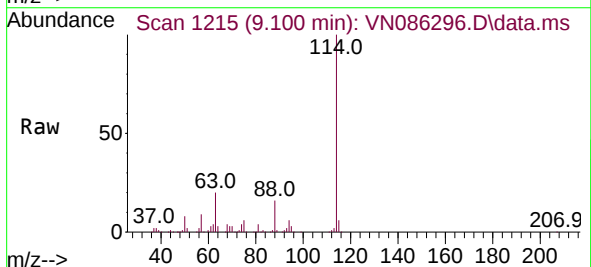
Instrument :
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 Storage-Blank-WATER-REF-5

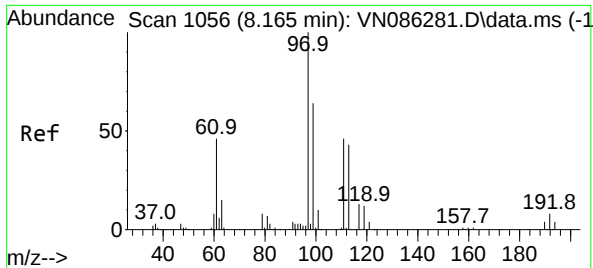
Tgt Ion: 65 Resp: 127302
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086296.D
 Acq: 16 Apr 2025 14:50

Tgt Ion: 114 Resp: 337909
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.6
 88 15.7 0.0 31.8

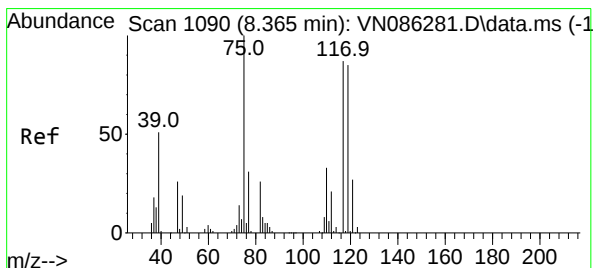
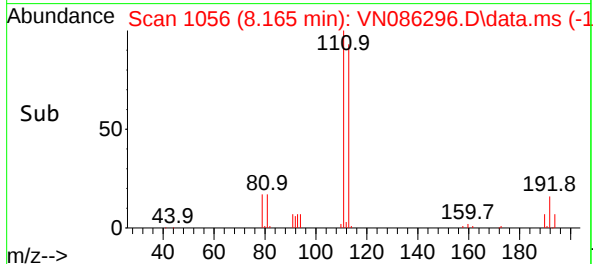
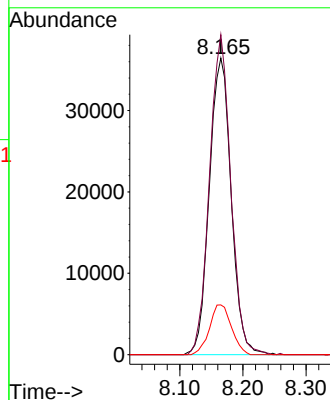
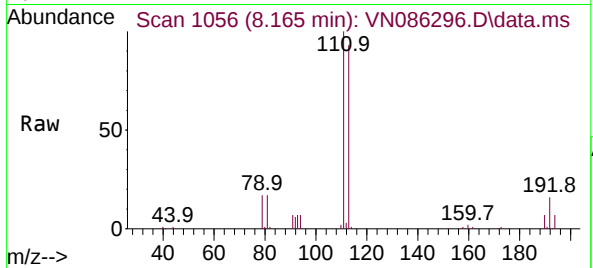




#35
Dibromofluoromethane
Concen: 55.928 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

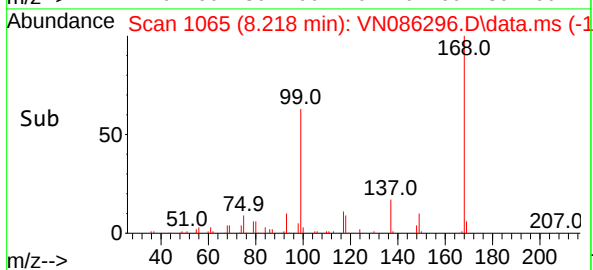
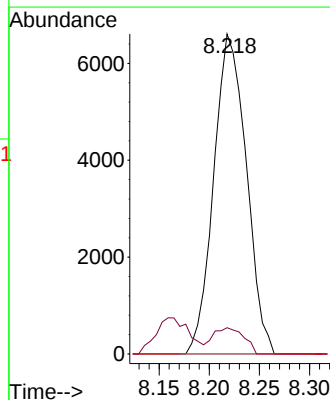
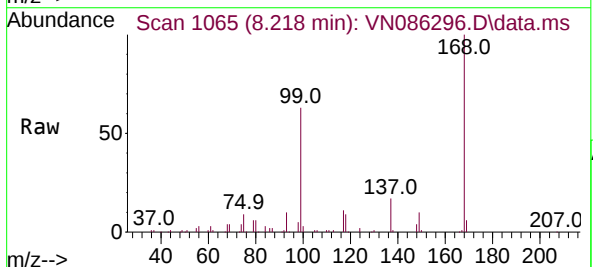
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ClientSampleId : Storage-Blank-WATER-REF-5

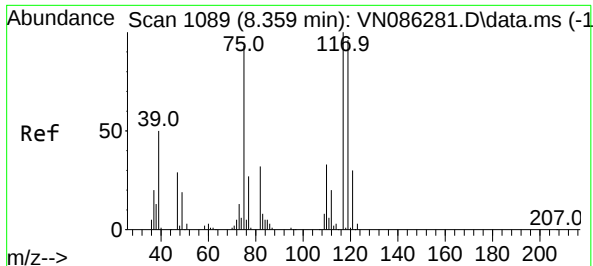
Tgt Ion:113 Resp: 87710
Ion Ratio Lower Upper
113 100
111 105.0 83.4 125.0
192 16.9 13.7 20.5



#36
1,1-Dichloropropene
Concen: 4.765 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

Tgt Ion: 75 Resp: 14927
Ion Ratio Lower Upper
75 100
110 7.8 16.8 50.4#
77 0.0 24.9 37.3#

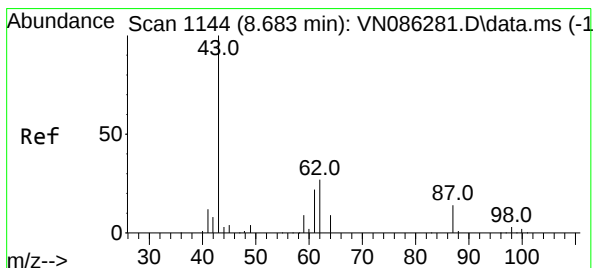
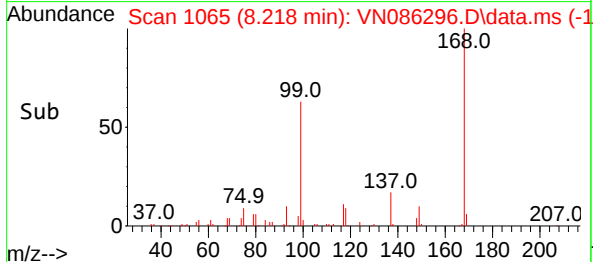
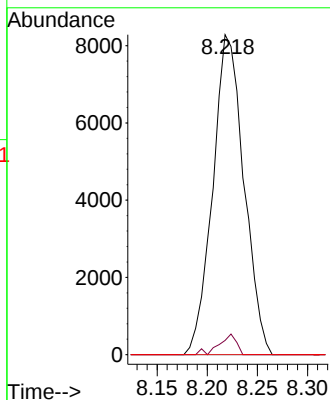
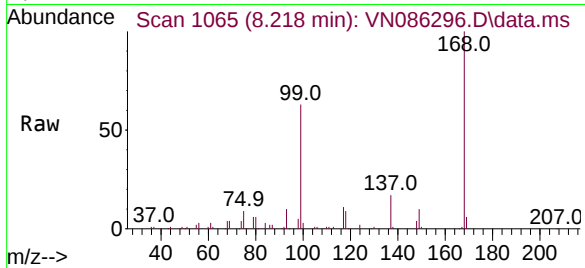




#38
Carbon Tetrachloride
Concen: 5.996 ug/l
RT: 8.218 min Scan# 1105
Delta R.T. -0.141 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

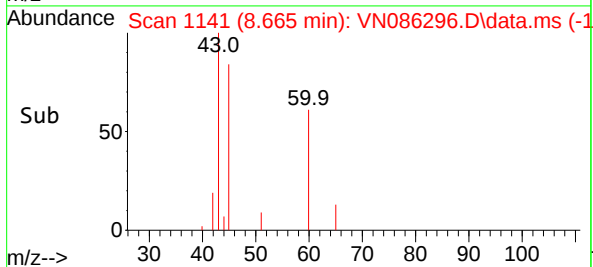
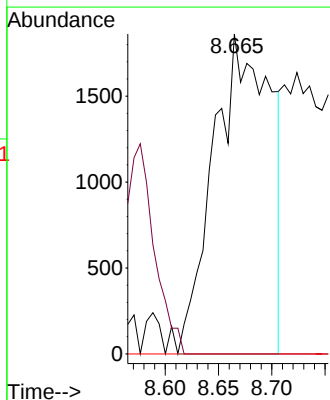
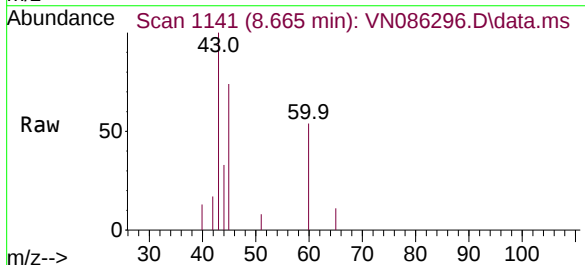
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

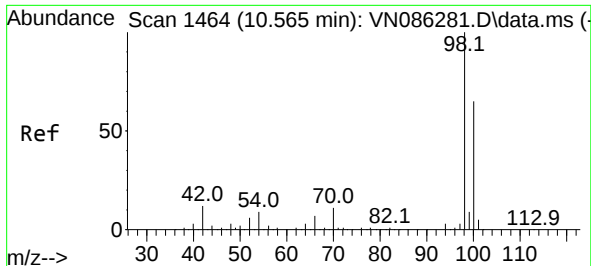
Tgt Ion:117 Resp: 17887
Ion Ratio Lower Upper
117 100
119 4.5 76.8 115.2#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.665 min Scan# 1141
Delta R.T. -0.018 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

Tgt Ion: 43 Resp: 6931
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#

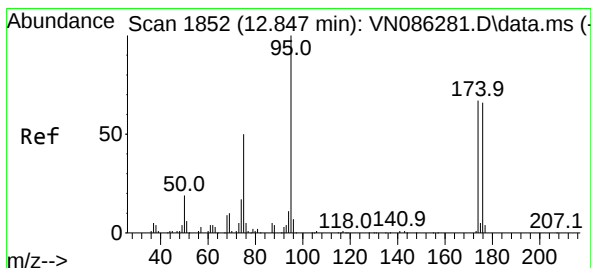
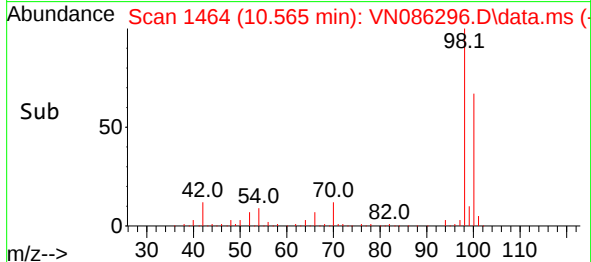
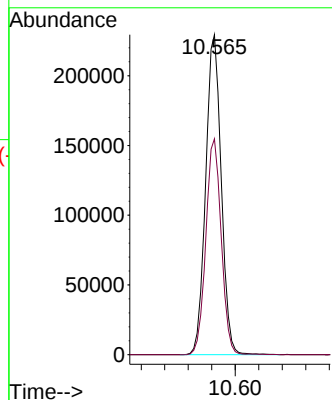
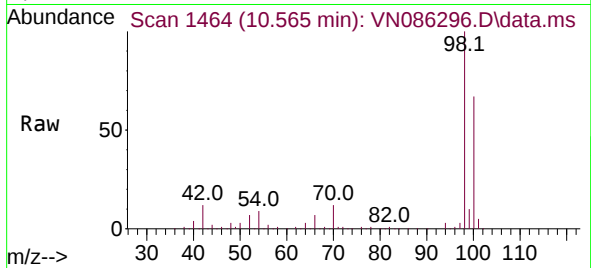




#50
Toluene-d8
Concen: 50.252 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

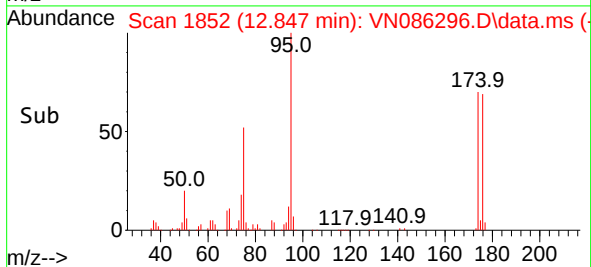
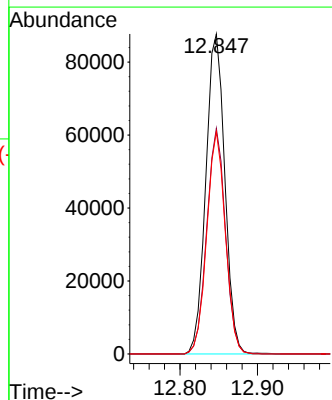
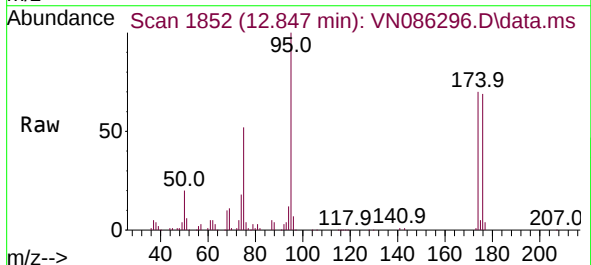
Instrument :
MSVOA_N
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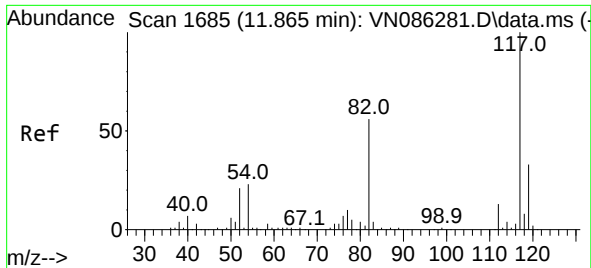
Tgt Ion: 98 Resp: 421196
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.913 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

Tgt Ion: 95 Resp: 149533
Ion Ratio Lower Upper
95 100
174 69.3 0.0 133.4
176 67.6 0.0 129.2

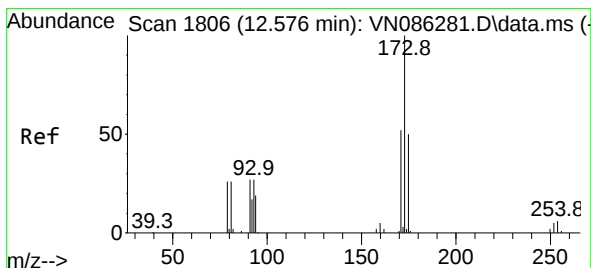
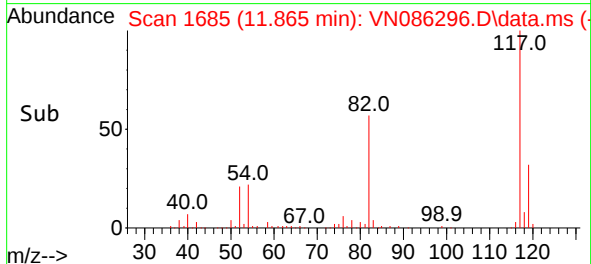
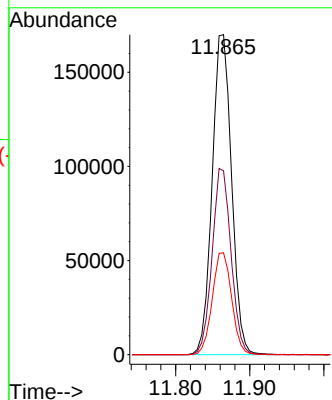
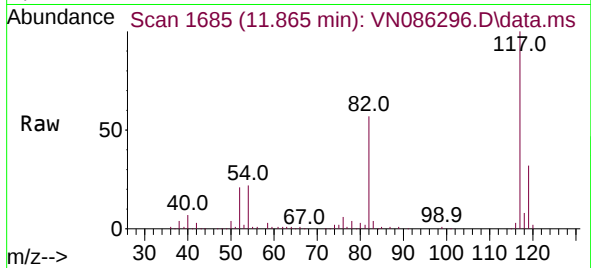




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

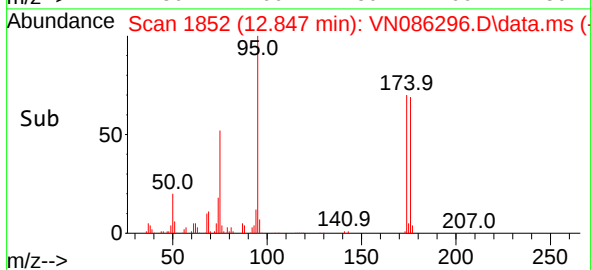
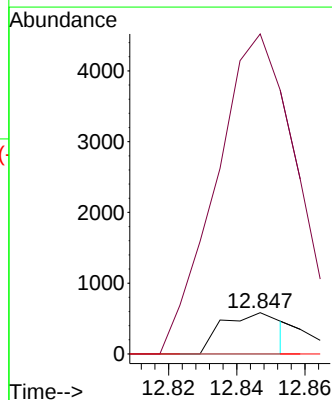
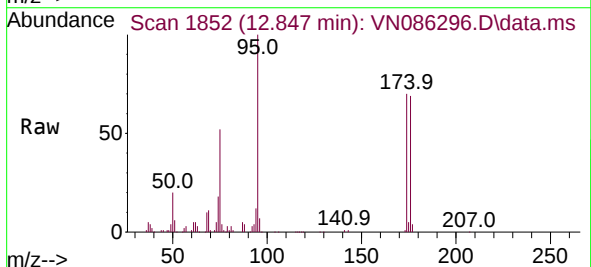
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

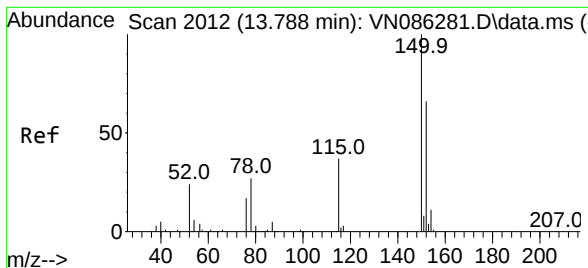
Tgt Ion:117 Resp: 309496
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 31.9 26.4 39.6



#71
Bromoform
Concen: 0.410 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

Tgt Ion:173 Resp: 703
Ion Ratio Lower Upper
173 100
175 868.4 24.6 73.6#
254 0.0 0.0 0.0

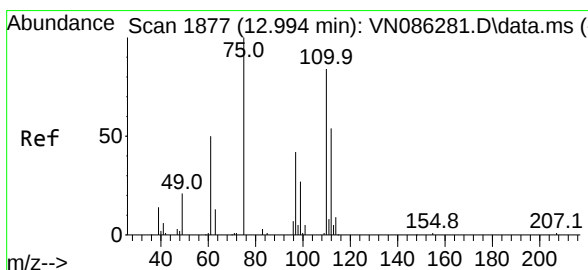
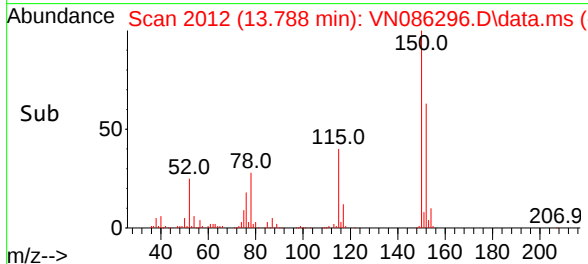
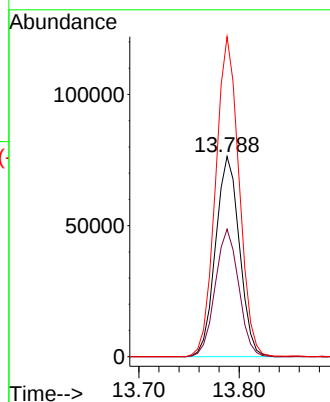
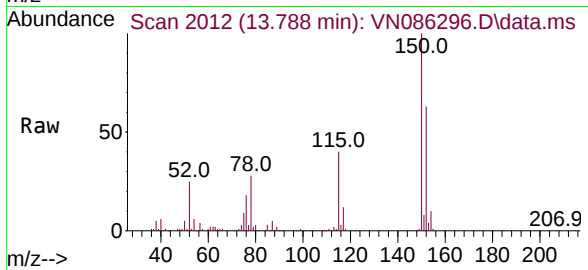




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN086296.D
 Acq: 16 Apr 2025 14:50

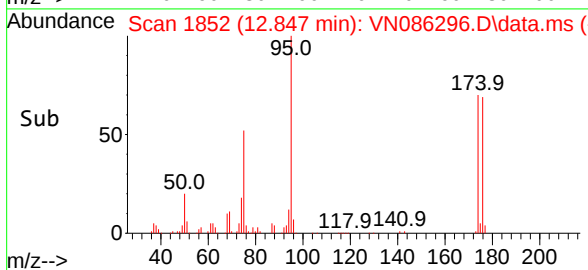
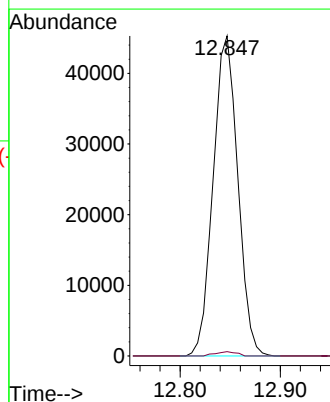
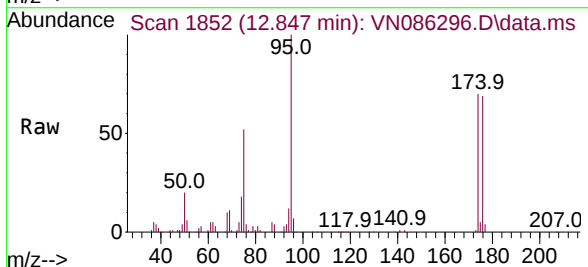
Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

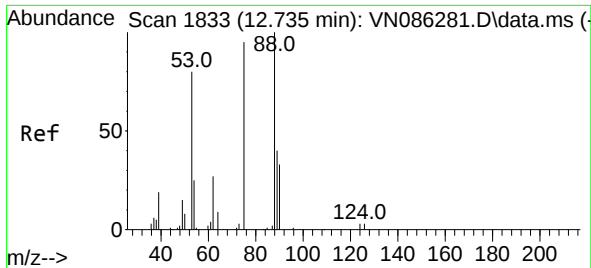
Tgt Ion:152 Resp: 126085
 Ion Ratio Lower Upper
 152 100
 115 62.6 31.9 95.9
 150 157.3 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 25.992 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN086296.D
 Acq: 16 Apr 2025 14:50

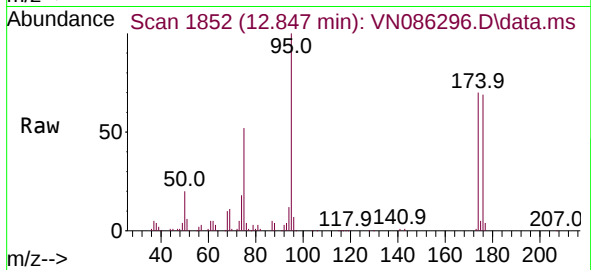
Tgt Ion: 75 Resp: 77338
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.8 296.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.424 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN086296.D
Acq: 16 Apr 2025 14:50

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



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.2	118.8#
89	0.0	35.7	53.5#

