

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085659.D
 Acq On : 04 Feb 2025 18:14
 Operator : JC\MD
 Sample : Q1268-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 05 01:09:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

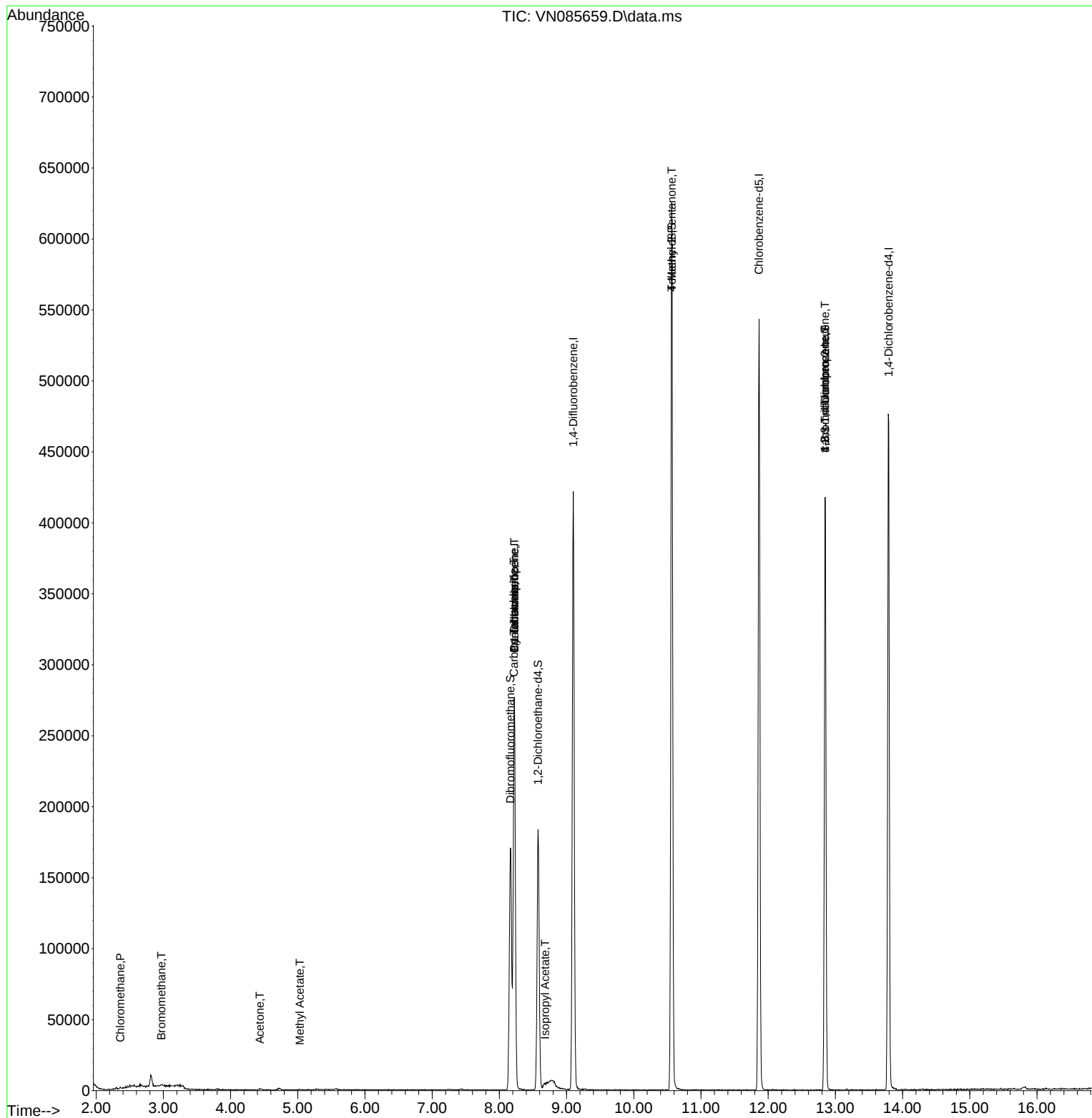
Internal Standards						
1) Pentafluorobenzene	8.224	168	194531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	369397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	143797	45.793	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.580%		
35) Dibromofluoromethane	8.165	113	122181	47.677	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.360%		
50) Toluene-d8	10.565	98	435716	47.853	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.700%		
62) 4-Bromofluorobenzene	12.847	95	140430	45.087	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.180%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1040	0.365	ug/l	96
5) Bromomethane	2.971	94	916	0.529	ug/l #	65
16) Acetone	4.436	43	921	0.908	ug/l #	68
18) Methyl Acetate	5.030	43	637	0.206	ug/l #	52
31) Cyclohexane	8.224	56	4470	1.122	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	16977	4.720	ug/l #	51
38) Carbon Tetrachloride	8.218	117	21389	5.194	ug/l #	18
43) Isopropyl Acetate	8.682	43	3594	0.618	ug/l #	55
51) 4-Methyl-2-Pentanone	10.565	43	1908	0.565	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	74370	28.319	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74370	76.618	ug/l #	3

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

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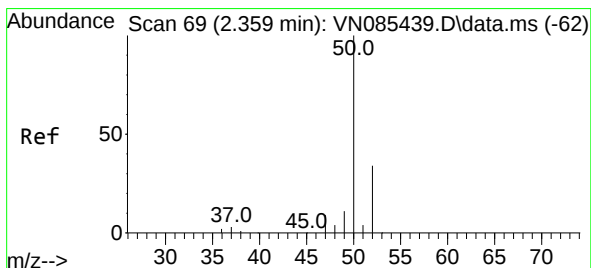
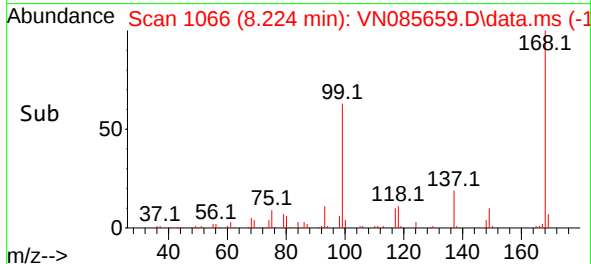
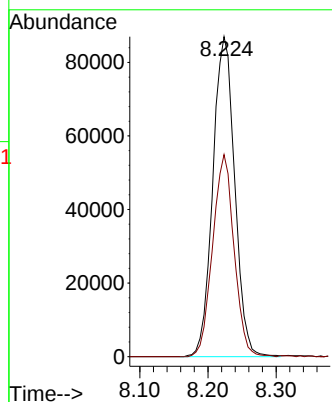
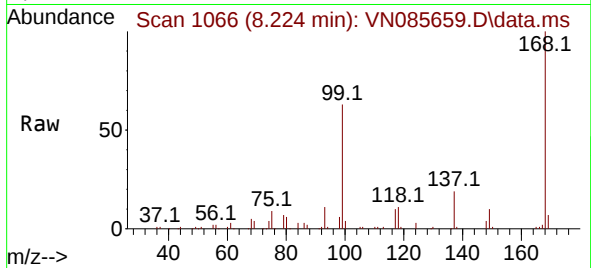




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085659.D
Acq: 04 Feb 2025 18:14

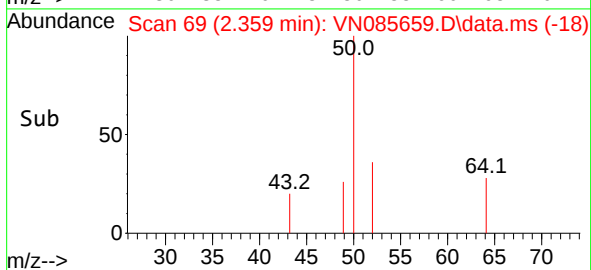
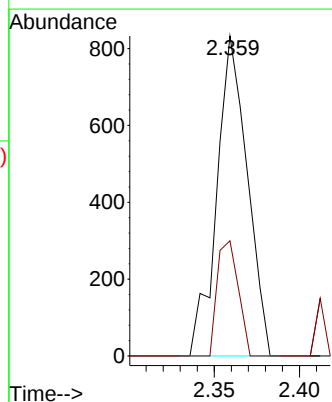
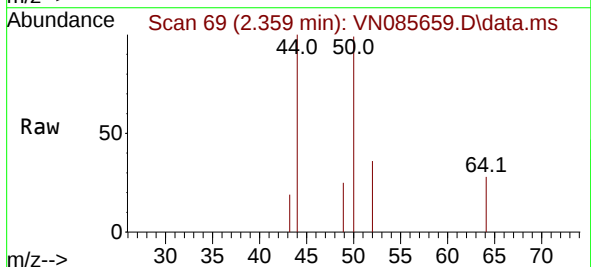
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

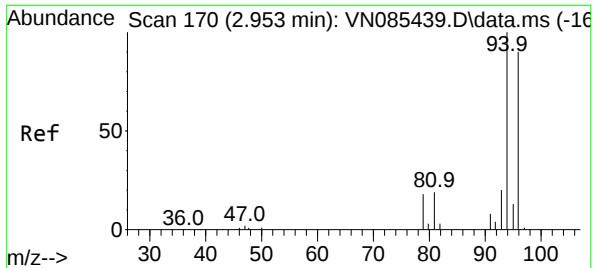
Tgt Ion:168 Resp: 194531
Ion Ratio Lower Upper
168 100
99 63.1 53.6 80.4



#3
Chloromethane
Concen: 0.365 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085659.D
Acq: 04 Feb 2025 18:14

Tgt Ion: 50 Resp: 1040
Ion Ratio Lower Upper
50 100
52 36.0 27.0 40.6

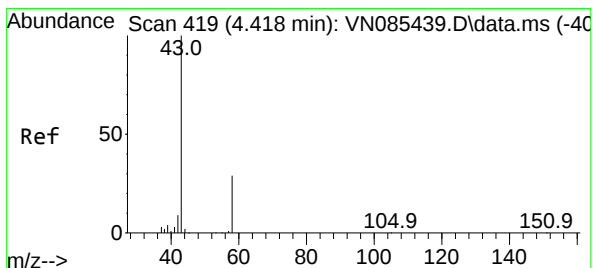
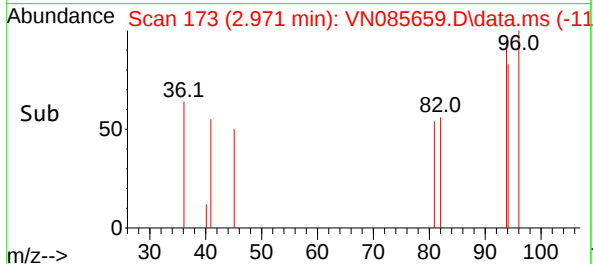
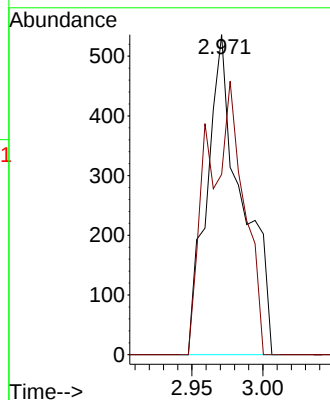
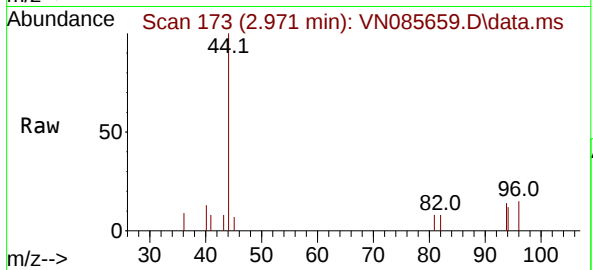




#5
Bromomethane
Concen: 0.529 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN085659.D
Acq: 04 Feb 2025 18:14

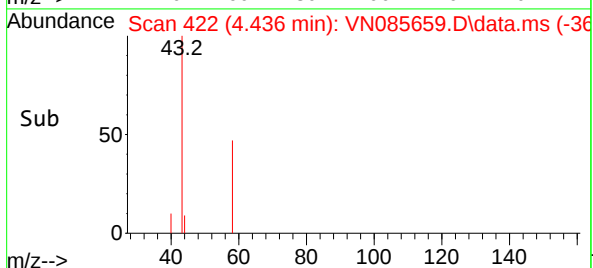
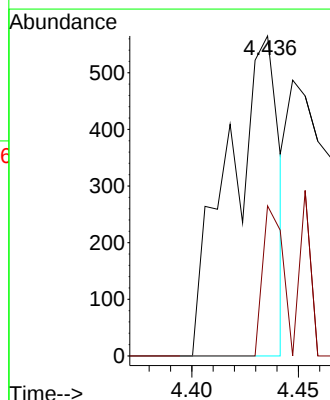
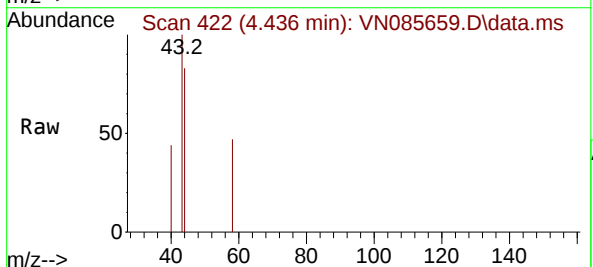
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion: 94 Resp: 916
Ion Ratio Lower Upper
94 100
96 56.3 71.8 107.6#



#16
Acetone
Concen: 0.908 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.017 min
Lab File: VN085659.D
Acq: 04 Feb 2025 18:14

Tgt Ion: 43 Resp: 921
Ion Ratio Lower Upper
43 100
58 46.9 23.8 35.6#

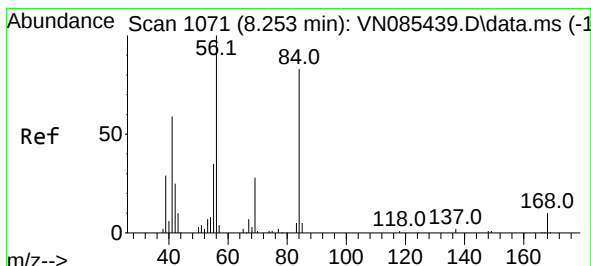
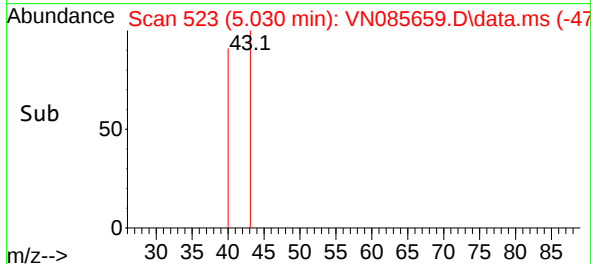
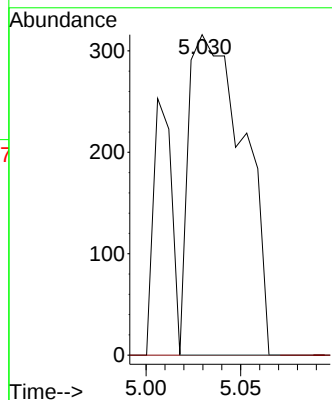
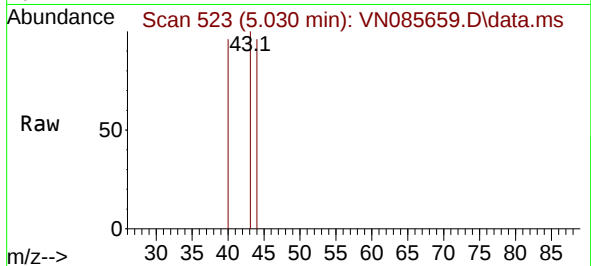




#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085659.D
Acq: 04 Feb 2025 18:14

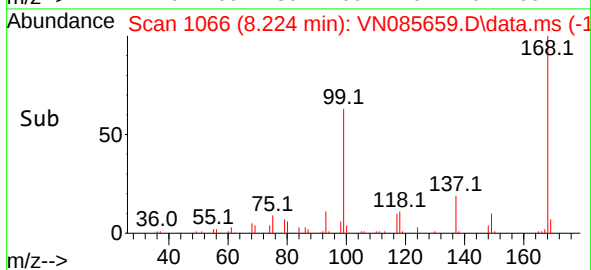
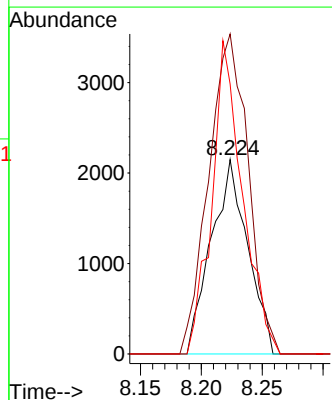
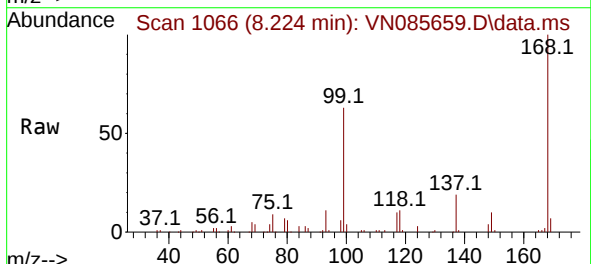
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

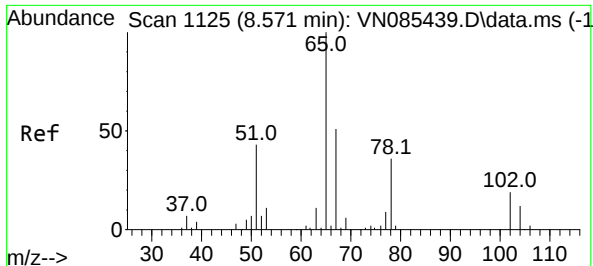
Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#31
Cyclohexane
Concen: 1.122 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085659.D
Acq: 04 Feb 2025 18:14

Tgt Ion: 56 Resp: 4470
Ion Ratio Lower Upper
56 100
69 164.6 22.2 33.4#
84 138.9 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 45.793 ug/l

RT: 8.576 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085659.D

Acq: 04 Feb 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

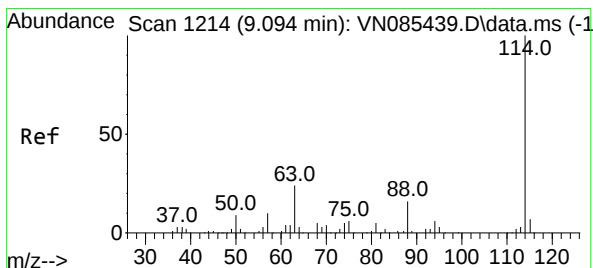
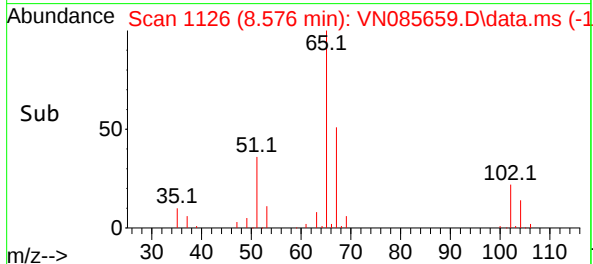
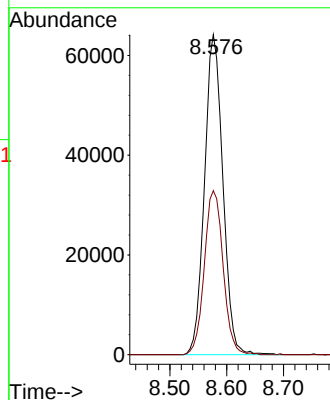
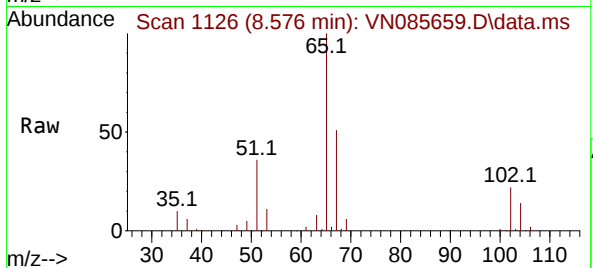
Storage-Blank-WATER-REF-4

Tgt Ion: 65 Resp: 143797

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085659.D

Acq: 04 Feb 2025 18:14

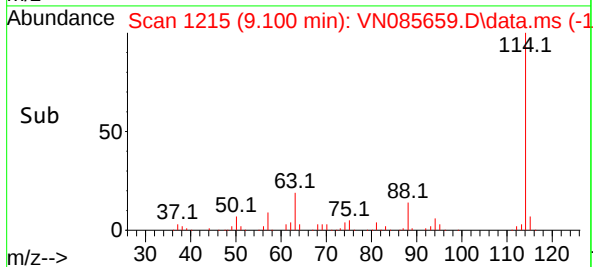
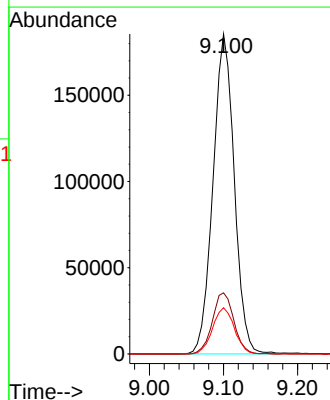
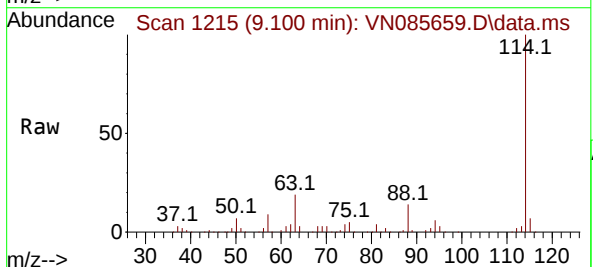
Tgt Ion: 114 Resp: 369397

Ion Ratio Lower Upper

114 100

63 19.1 0.0 47.6

88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.677 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085659.D

Acq: 04 Feb 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4

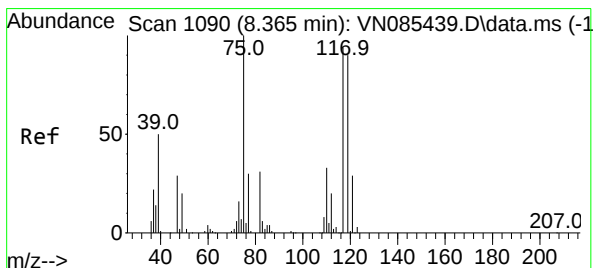
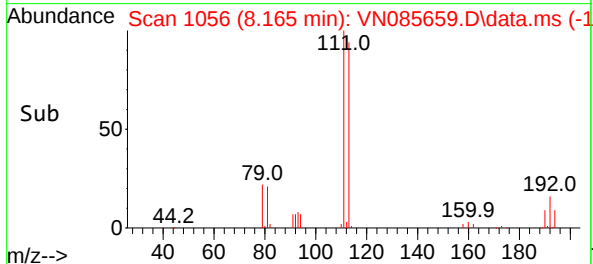
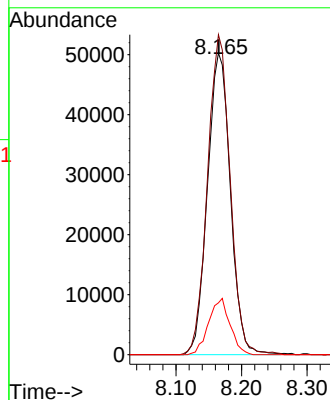
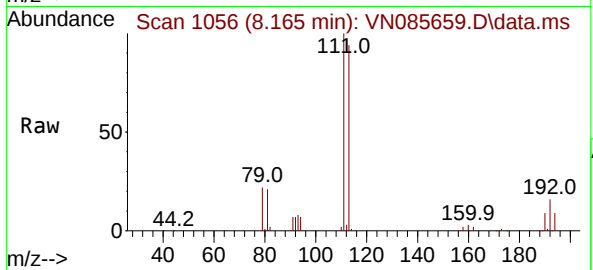
Tgt Ion:113 Resp: 122181

Ion Ratio Lower Upper

113 100

111 104.8 82.7 124.1

192 17.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.720 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085659.D

Acq: 04 Feb 2025 18:14

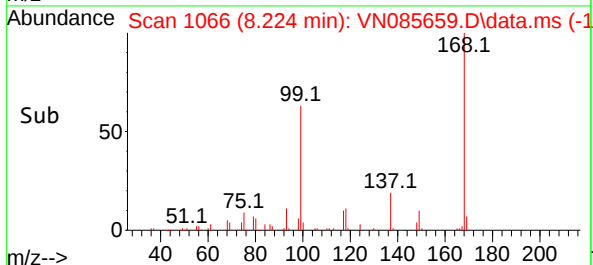
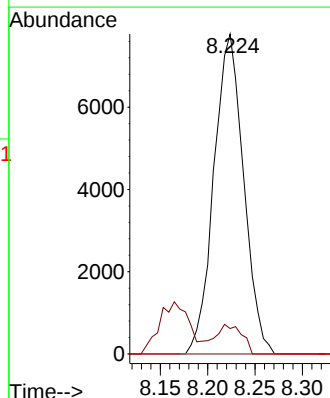
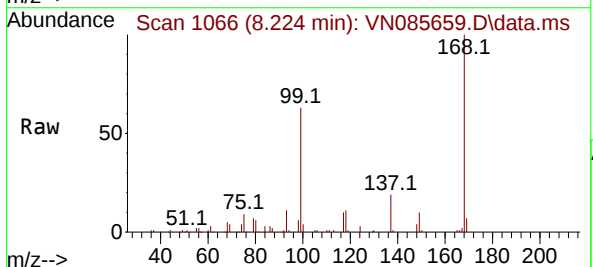
Tgt Ion: 75 Resp: 16977

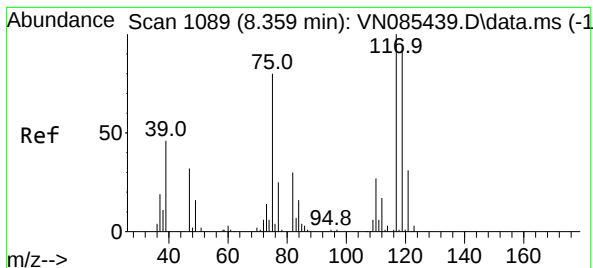
Ion Ratio Lower Upper

75 100

110 8.5 16.5 49.5#

77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.194 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN085659.D

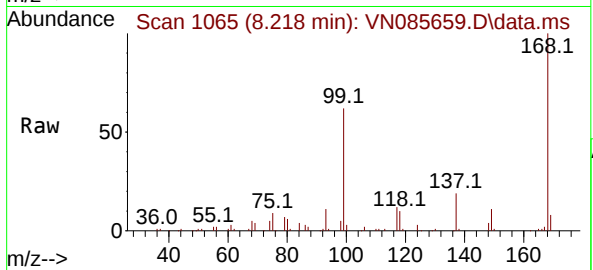
Acq: 04 Feb 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4



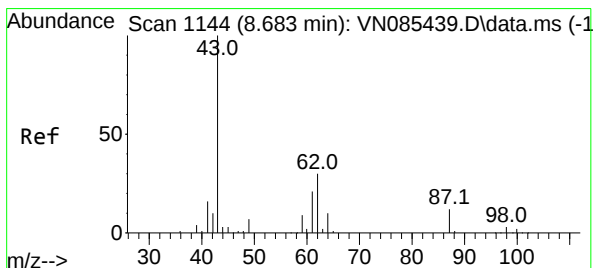
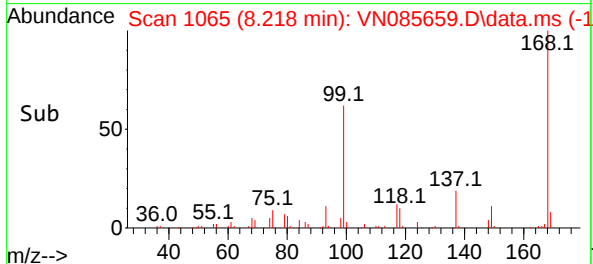
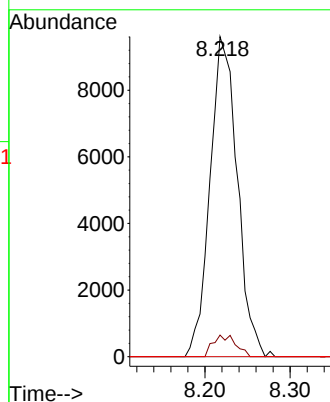
Tgt Ion:117 Resp: 21389

Ion Ratio Lower Upper

117 100

119 6.8 75.4 113.2#

121 0.0 24.6 37.0#



#43

Isopropyl Acetate

Concen: 0.618 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN085659.D

Acq: 04 Feb 2025 18:14

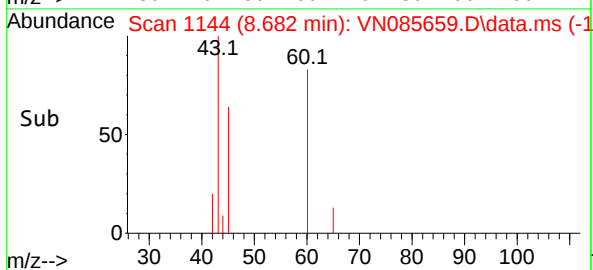
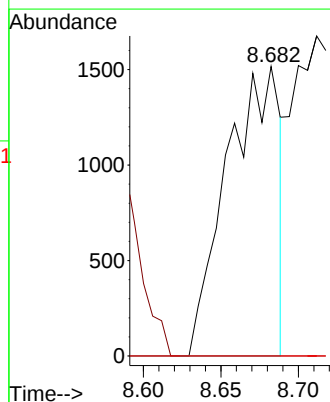
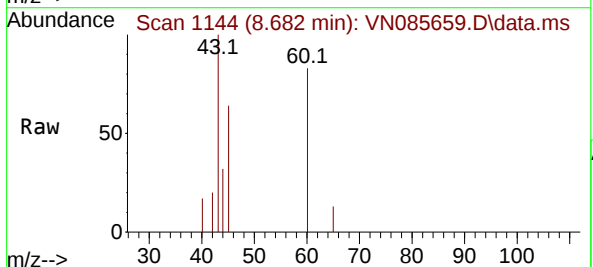
Tgt Ion: 43 Resp: 3594

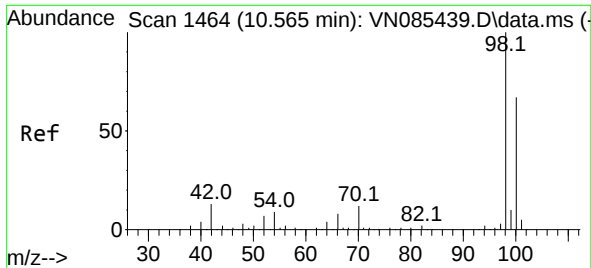
Ion Ratio Lower Upper

43 100

61 0.0 20.7 31.1#

87 0.0 9.8 14.8#

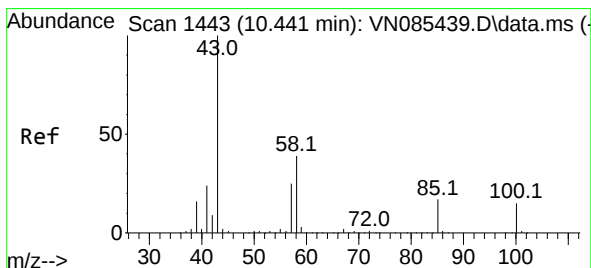
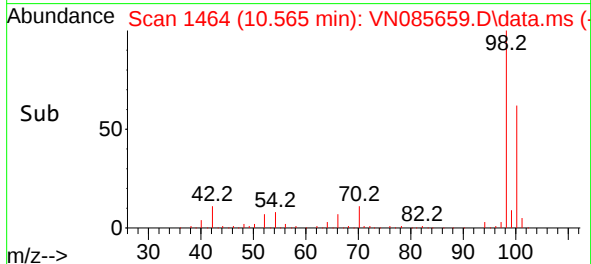
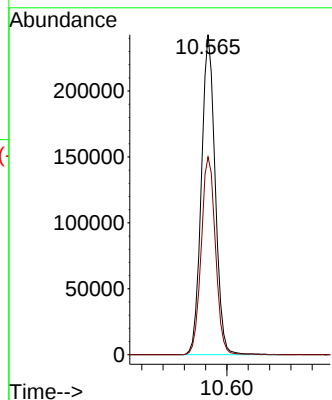
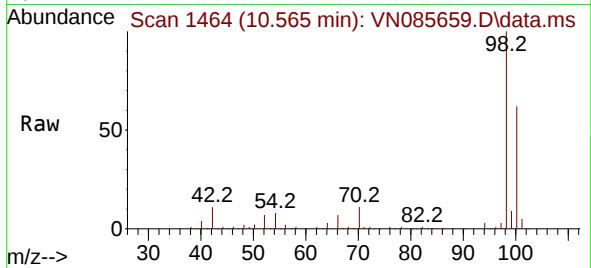




#50
Toluene-d8
Concen: 47.853 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085659.D
Acq: 04 Feb 2025 18:14

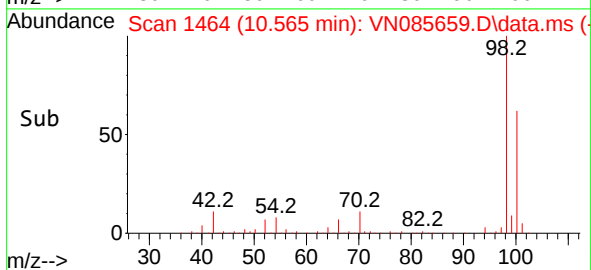
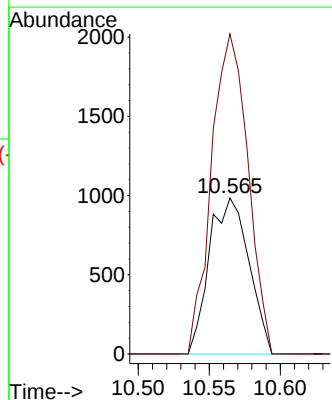
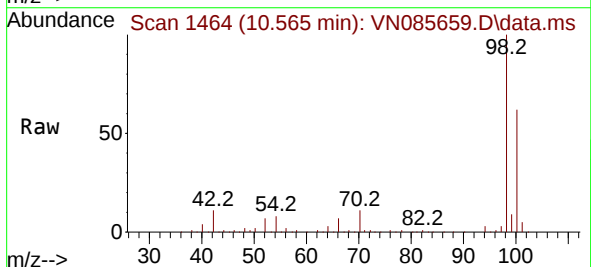
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

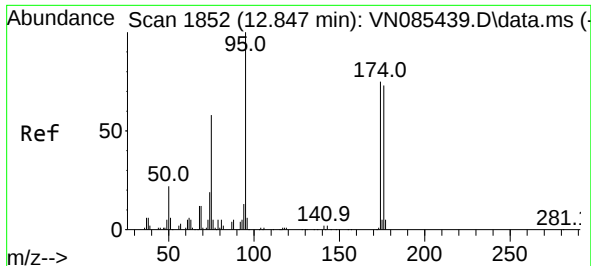
Tgt Ion: 98 Resp: 435716
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.565 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN085659.D
Acq: 04 Feb 2025 18:14

Tgt Ion: 43 Resp: 1908
Ion Ratio Lower Upper
43 100
58 189.3 30.5 45.7#

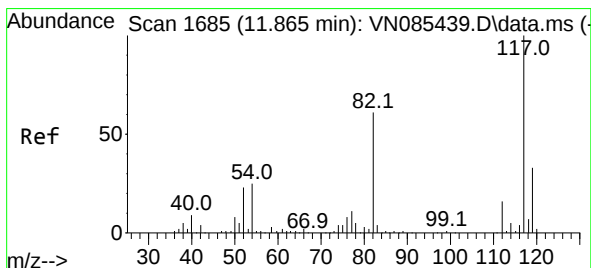
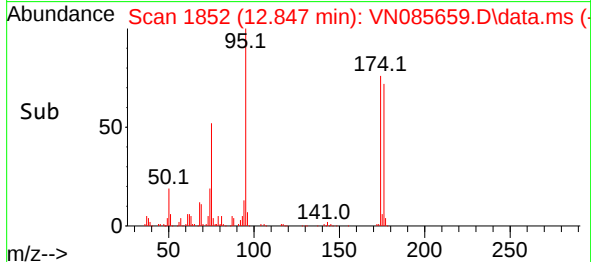
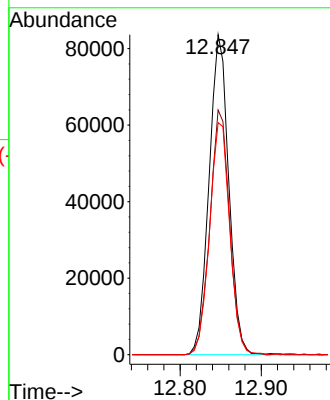
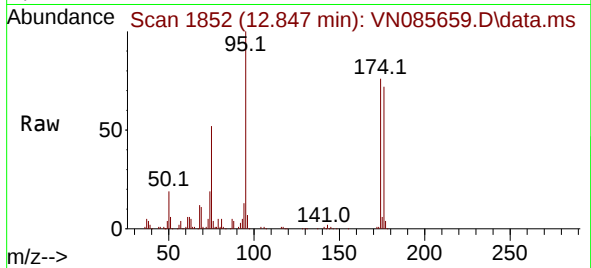




#62
4-Bromofluorobenzene
Concen: 45.087 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085659.D
Acq: 04 Feb 2025 18:14

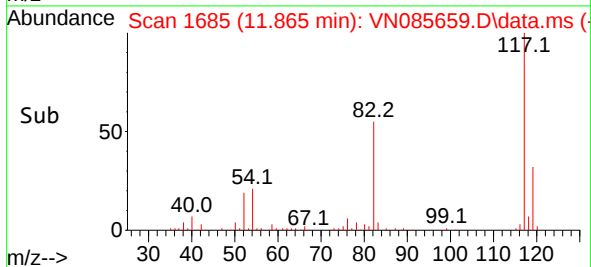
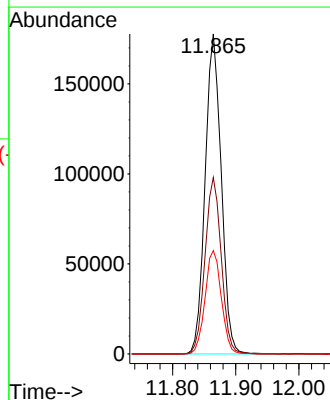
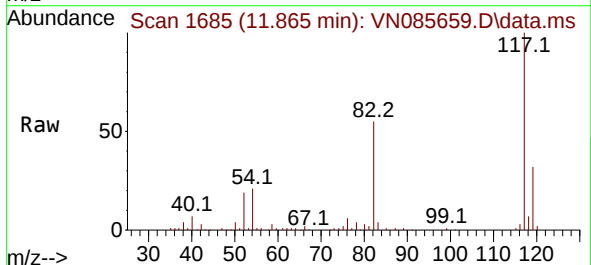
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-WATER-REF-4

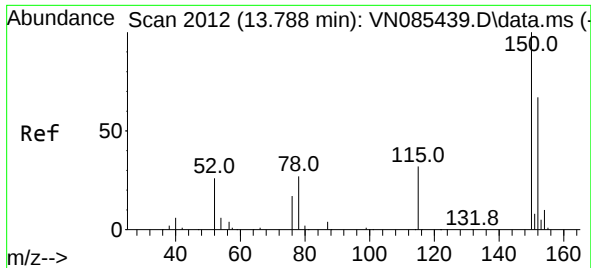
Tgt Ion: 95 Resp: 140430
Ion Ratio Lower Upper
95 100
174 76.8 0.0 145.0
176 74.3 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085659.D
Acq: 04 Feb 2025 18:14

Tgt Ion: 117 Resp: 314164
Ion Ratio Lower Upper
117 100
82 55.1 48.6 72.8
119 32.3 26.6 39.8

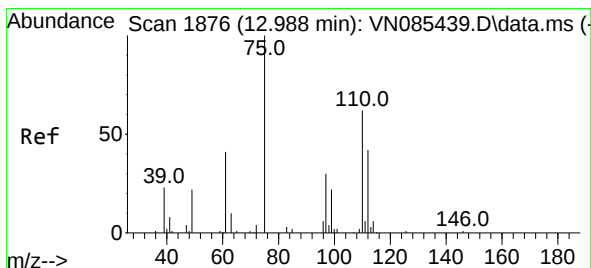
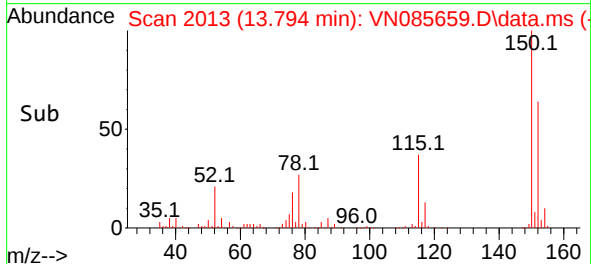
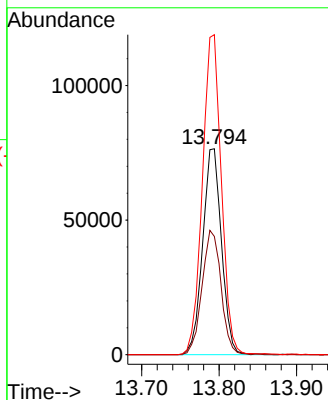
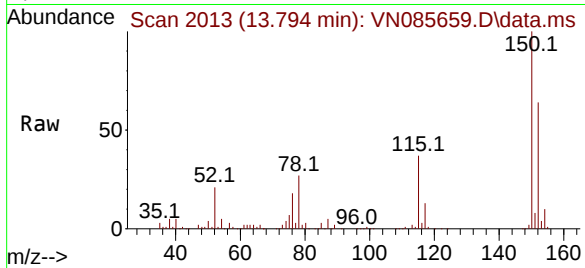




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085659.D
 Acq: 04 Feb 2025 18:14

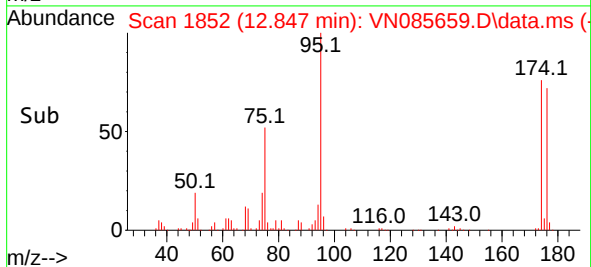
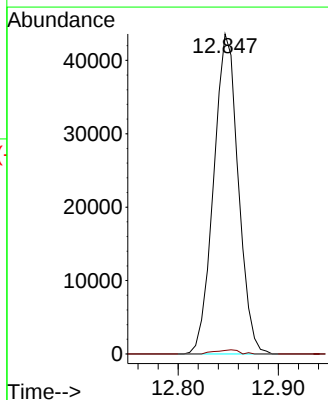
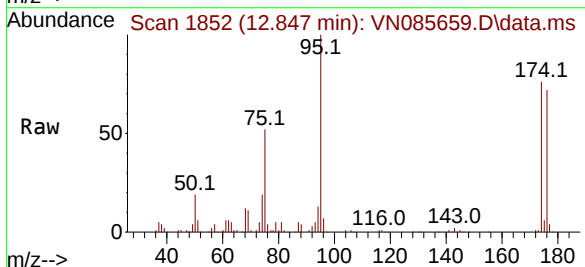
Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-4

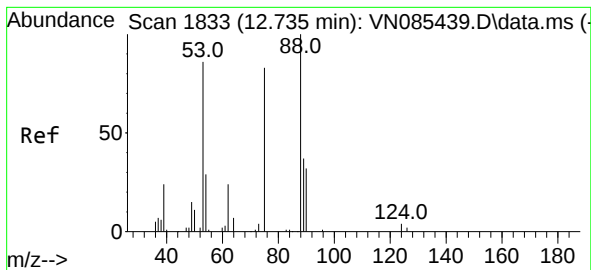
Tgt Ion:152 Resp: 129208
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.1 93.3
 150 156.1 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 28.319 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085659.D
 Acq: 04 Feb 2025 18:14

Tgt Ion: 75 Resp: 74370
 Ion Ratio Lower Upper
 75 100
 77 1.3 109.7 329.2#





#81

trans-1,4-Dichloro-2-butene

Concen: 76.618 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.112 min

Lab File: VN085659.D

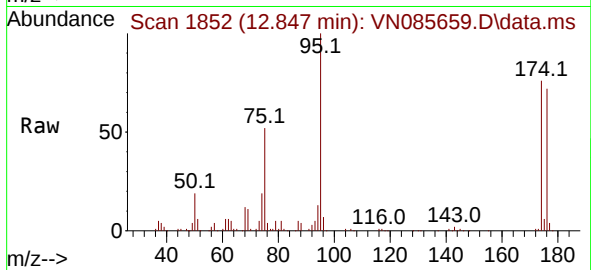
Acq: 04 Feb 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4



Tgt Ion: 75 Resp: 74370

Ion Ratio Lower Upper

75 100

53 0.1 95.6 143.4#

89 0.0 37.0 55.6#

