

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085658.D
 Acq On : 04 Feb 2025 17:50
 Operator : JC\MD
 Sample : Q1268-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 05 01:09:14 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)

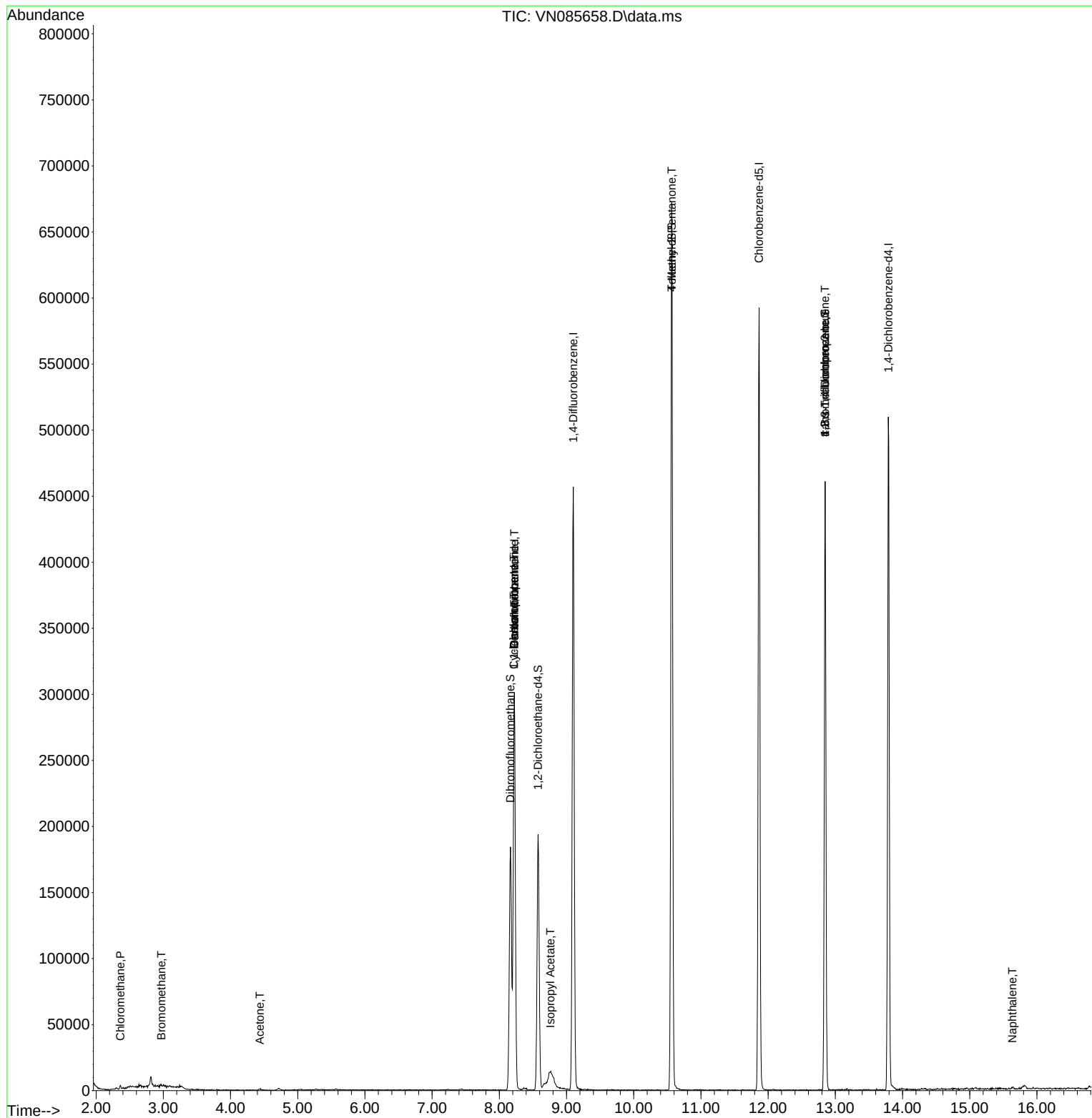
Internal Standards						
1) Pentafluorobenzene	8.224	168	213738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	402251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	341688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	151577	43.933	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.860%
35) Dibromofluoromethane	8.165	113	132536	47.493	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.980%
50) Toluene-d8	10.565	98	474290	47.835	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.680%
62) 4-Bromofluorobenzene	12.847	95	154147	45.448	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.900%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	2111	0.674	ug/l #	85
5) Bromomethane	2.971	94	726	0.382	ug/l	88
16) Acetone	4.436	43	1673	1.501	ug/l	93
31) Cyclohexane	8.218	56	5293	1.209	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	18751	4.788	ug/l #	49
38) Carbon Tetrachloride	8.224	117	23184	5.171	ug/l #	16
43) Isopropyl Acetate	8.759	43	31769	5.015	ug/l #	55
51) 4-Methyl-2-Pentanone	10.565	43	2150	0.585	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	81030	29.575	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81030	80.017	ug/l #	3
95) Naphthalene	15.635	128	1666	0.275	ug/l #	80

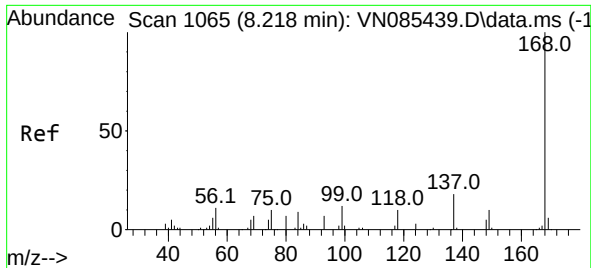
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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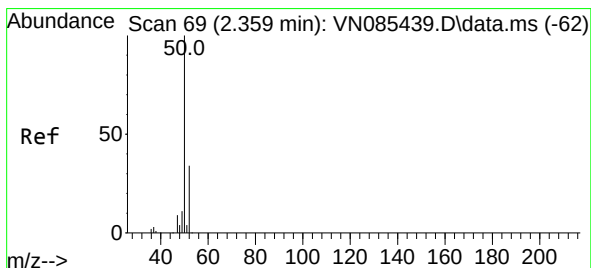
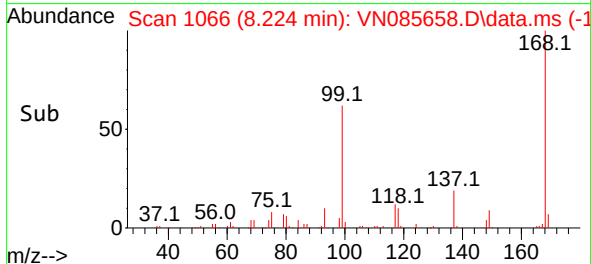
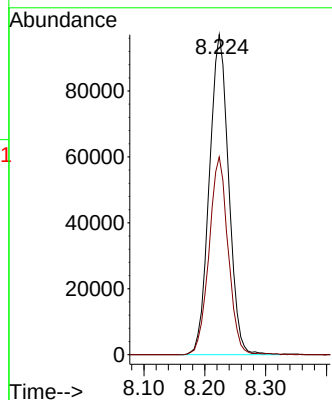
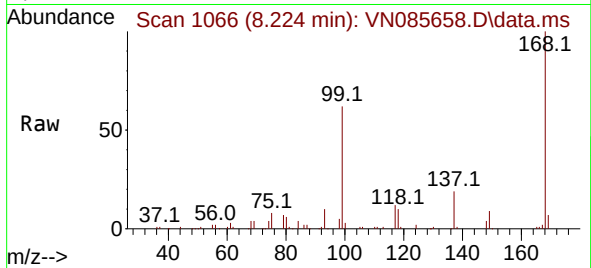




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN085658.D
Acq: 04 Feb 2025 17:50

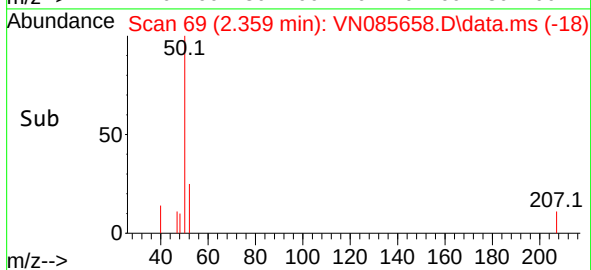
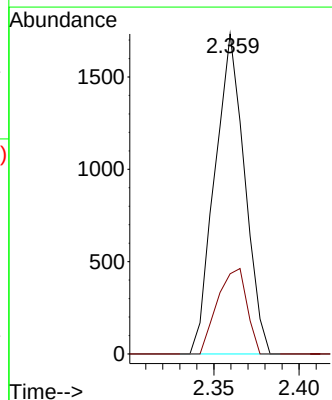
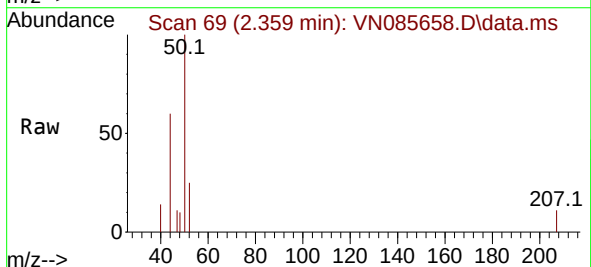
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

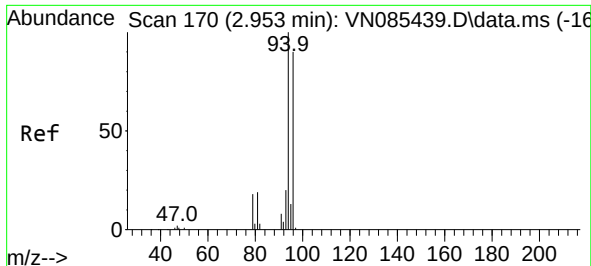
Tgt Ion:168 Resp: 213738
Ion Ratio Lower Upper
168 100
99 61.8 53.6 80.4



#3
Chloromethane
Concen: 0.674 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085658.D
Acq: 04 Feb 2025 17:50

Tgt Ion: 50 Resp: 2111
Ion Ratio Lower Upper
50 100
52 25.0 27.0 40.6#

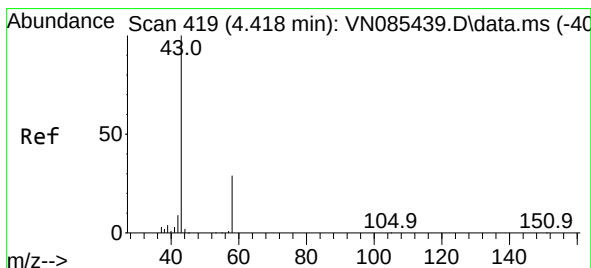
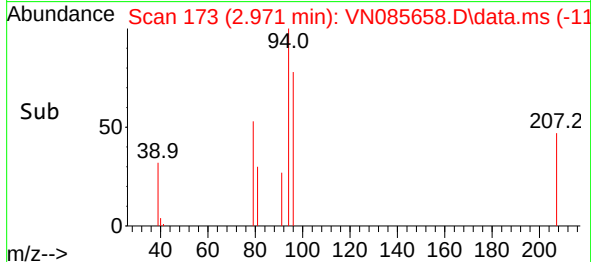
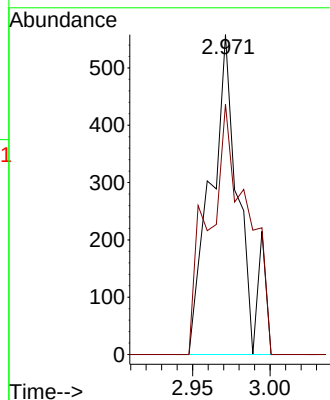
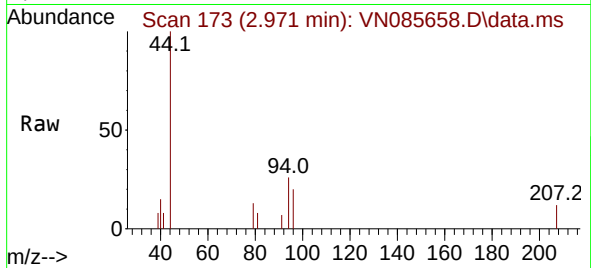




#5
Bromomethane
Concen: 0.382 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085658.D
Acq: 04 Feb 2025 17:50

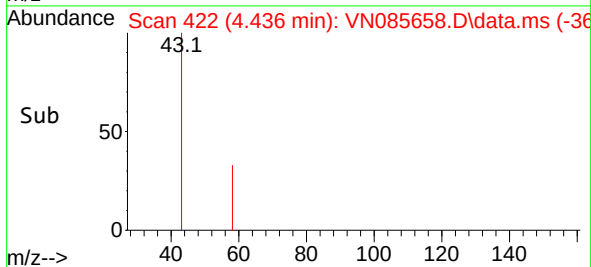
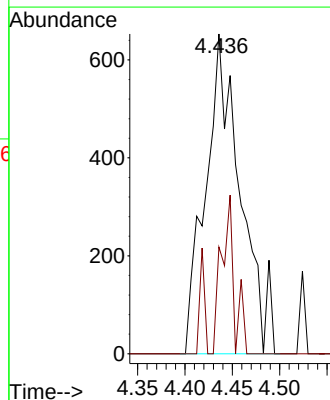
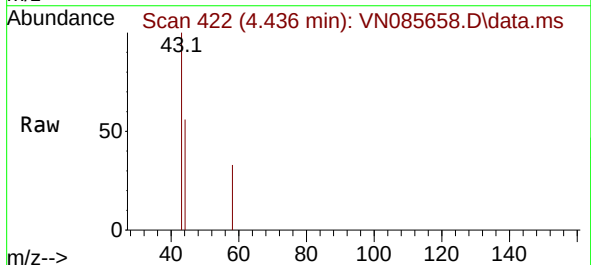
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

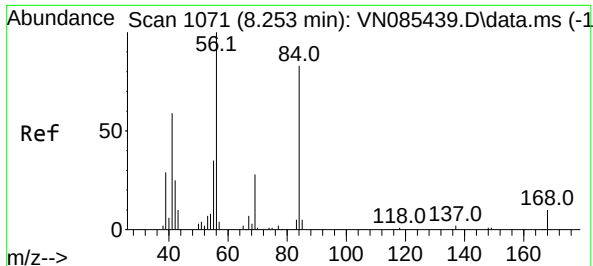
Tgt Ion: 94 Resp: 726
Ion Ratio Lower Upper
94 100
96 78.3 71.8 107.6



#16
Acetone
Concen: 1.501 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085658.D
Acq: 04 Feb 2025 17:50

Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
58 33.4 23.8 35.6





#31

Cyclohexane

Concen: 1.209 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN085658.D

Acq: 04 Feb 2025 17:50

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

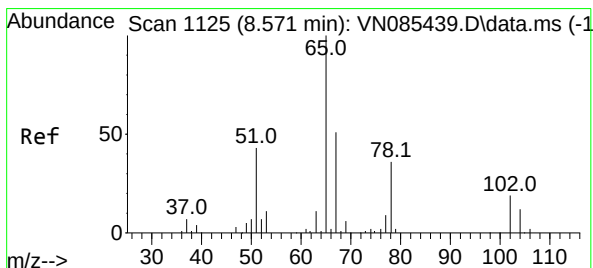
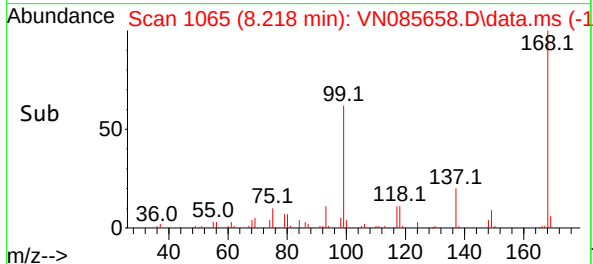
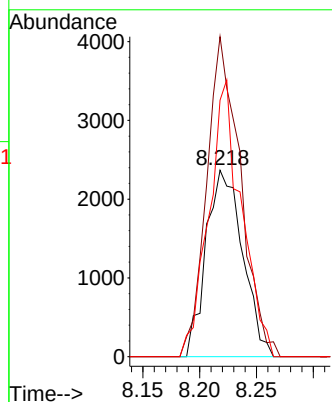
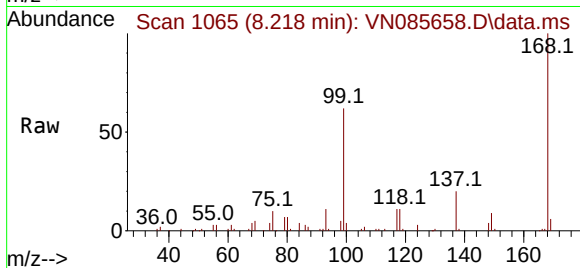
Tgt Ion: 56 Resp: 5293

Ion Ratio Lower Upper

56 100

69 171.7 22.2 33.4#

84 137.6 66.4 99.6#



#33

1,2-Dichloroethane-d4

Concen: 43.933 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085658.D

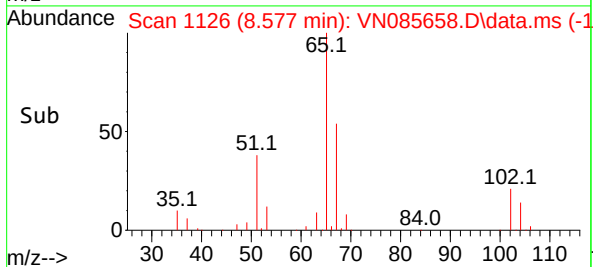
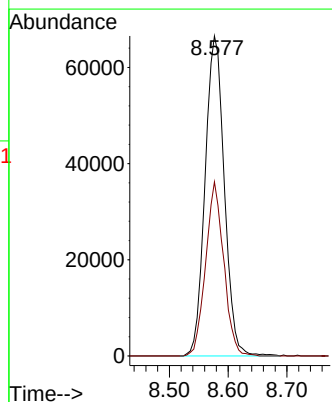
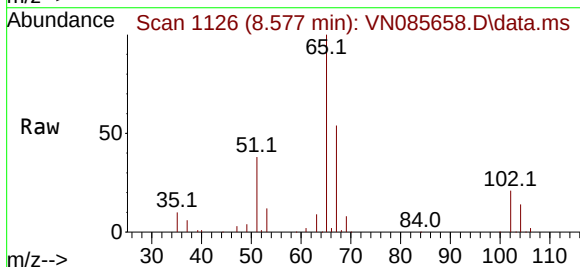
Acq: 04 Feb 2025 17:50

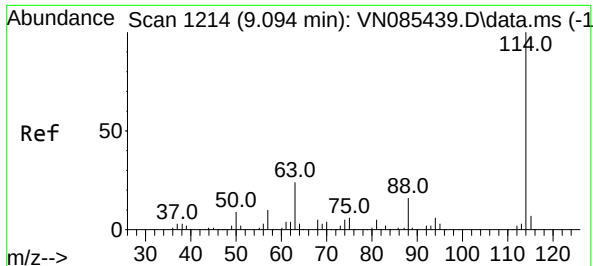
Tgt Ion: 65 Resp: 151577

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085658.D

Acq: 04 Feb 2025 17:50

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

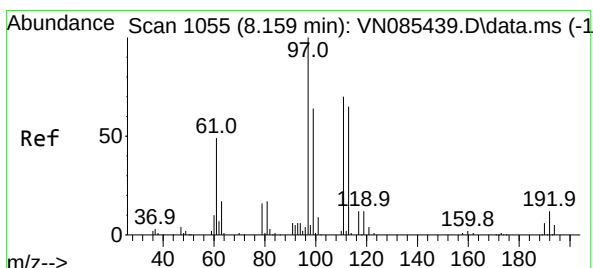
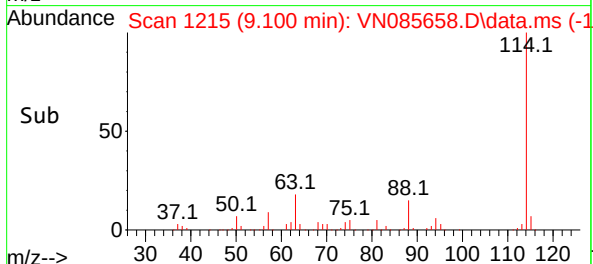
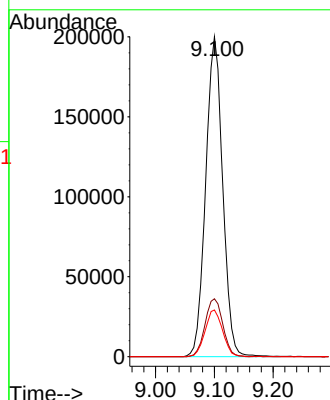
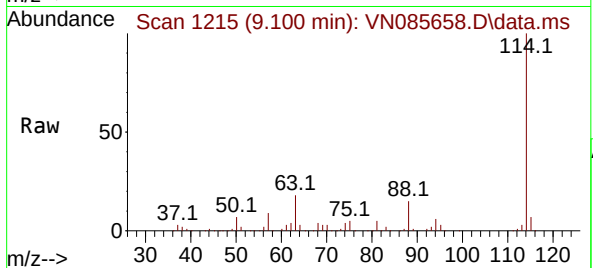
Tgt Ion:114 Resp: 402251

Ion Ratio Lower Upper

114 100

63 18.1 0.0 47.6

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.493 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085658.D

Acq: 04 Feb 2025 17:50

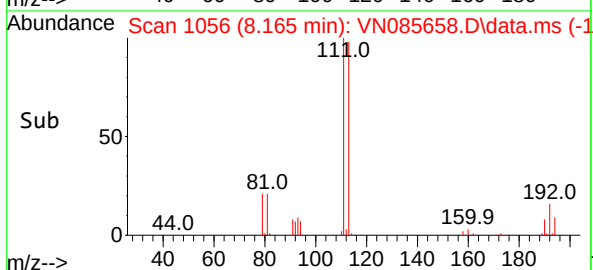
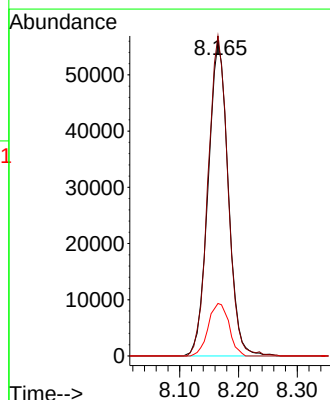
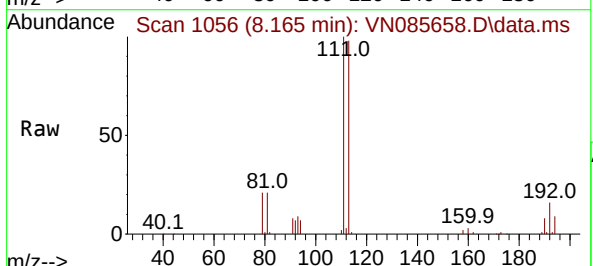
Tgt Ion:113 Resp: 132536

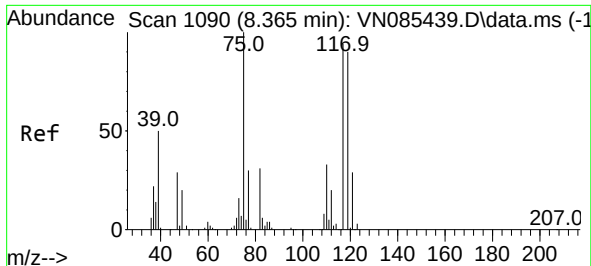
Ion Ratio Lower Upper

113 100

111 100.8 82.7 124.1

192 17.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.788 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085658.D

Acq: 04 Feb 2025 17:50

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

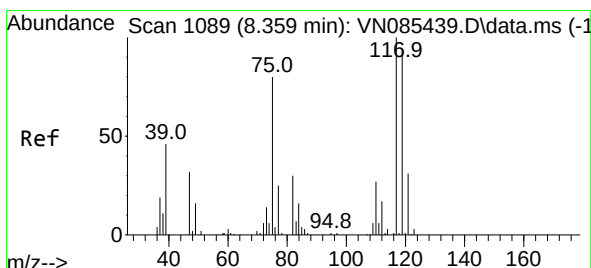
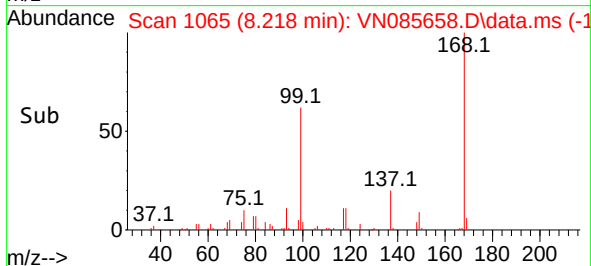
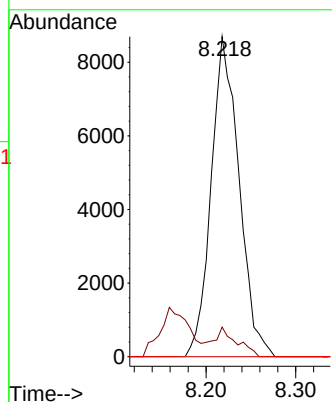
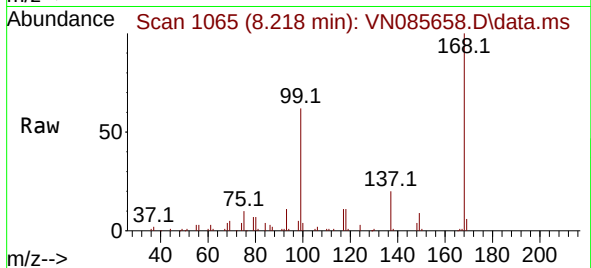
Tgt Ion: 75 Resp: 18751

Ion Ratio Lower Upper

75 100

110 7.2 16.5 49.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.171 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN085658.D

Acq: 04 Feb 2025 17:50

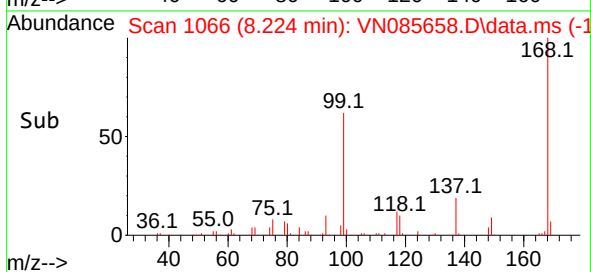
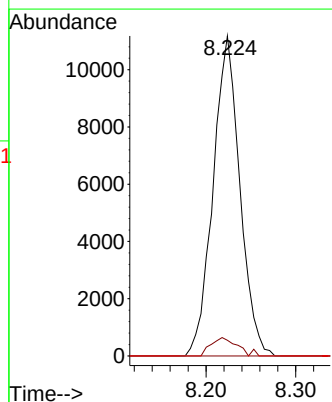
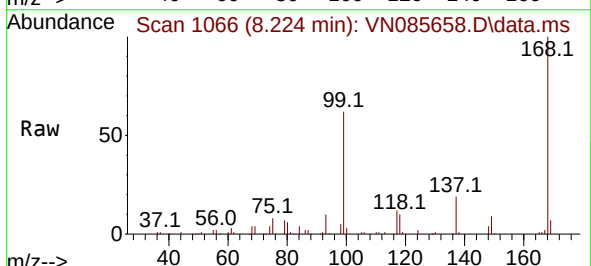
Tgt Ion: 117 Resp: 23184

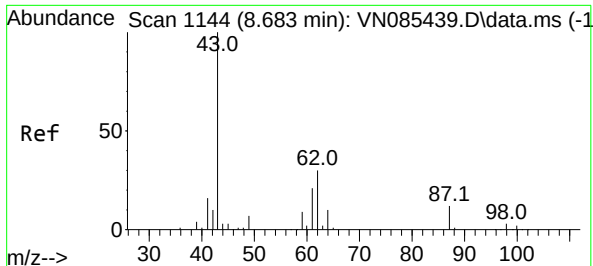
Ion Ratio Lower Upper

117 100

119 4.9 75.4 113.2#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 5.015 ug/l

RT: 8.759 min Scan# 1157

Delta R.T. 0.077 min

Lab File: VN085658.D

Acq: 04 Feb 2025 17:50

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

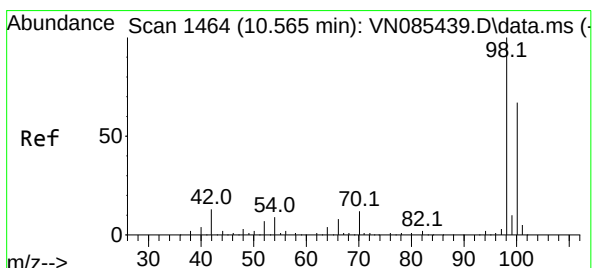
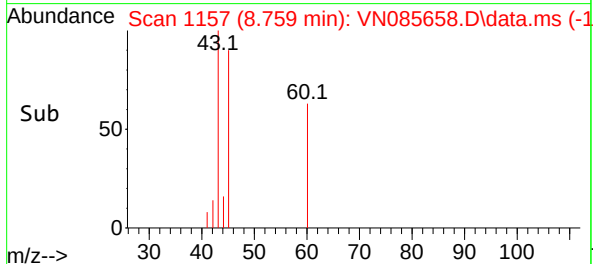
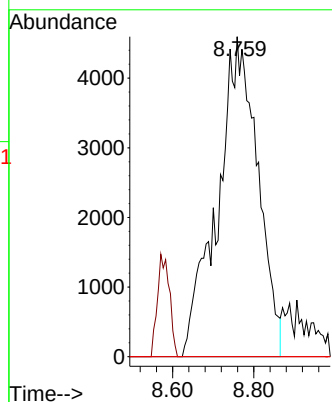
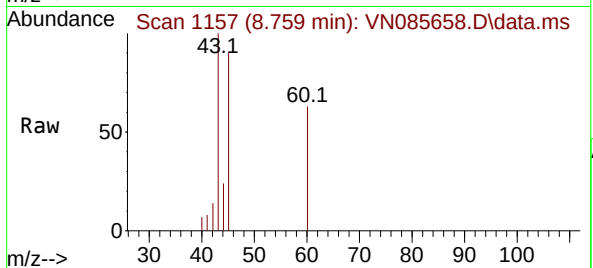
Tgt Ion: 43 Resp: 31769

Ion Ratio Lower Upper

43 100

61 0.0 20.7 31.1#

87 0.0 9.8 14.8#



#50

Toluene-d8

Concen: 47.835 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085658.D

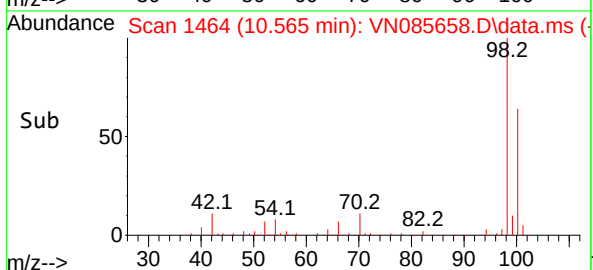
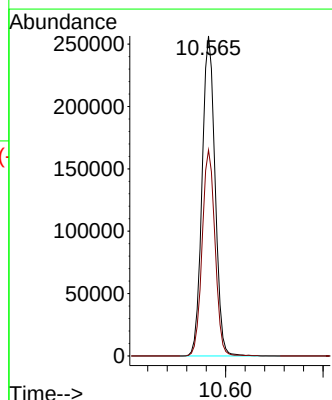
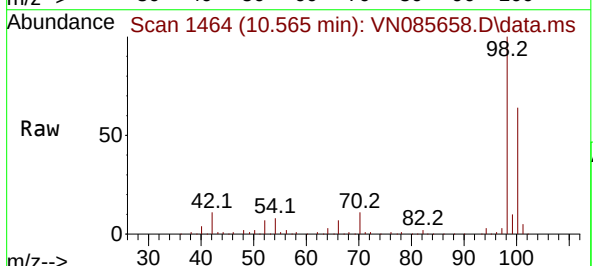
Acq: 04 Feb 2025 17:50

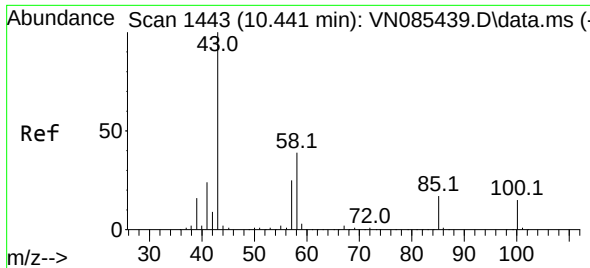
Tgt Ion: 98 Resp: 474290

Ion Ratio Lower Upper

98 100

100 63.8 52.2 78.4

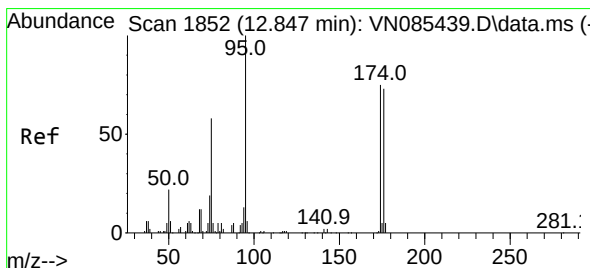
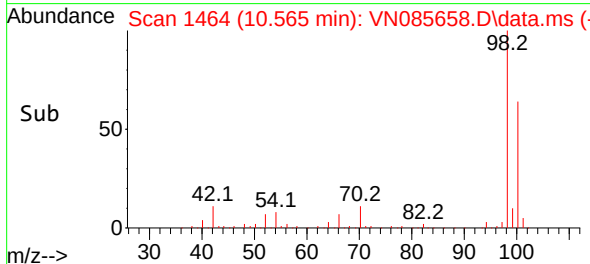
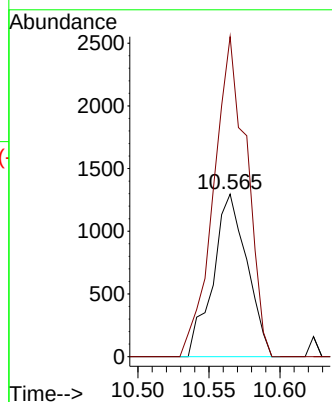
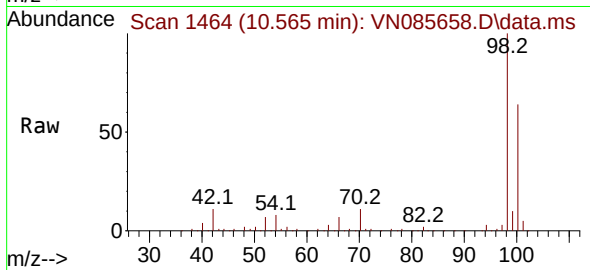




#51
4-Methyl-2-Pentanone
Concen: 0.585 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN085658.D
Acq: 04 Feb 2025 17:50

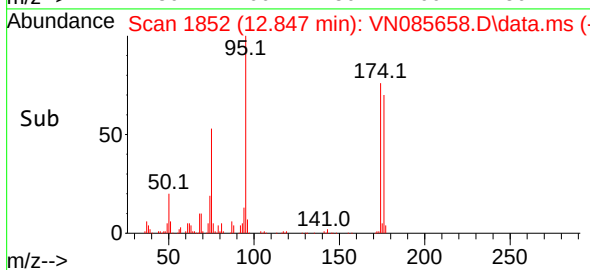
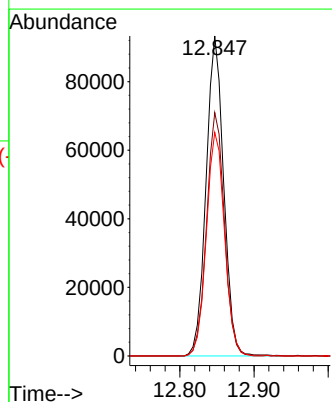
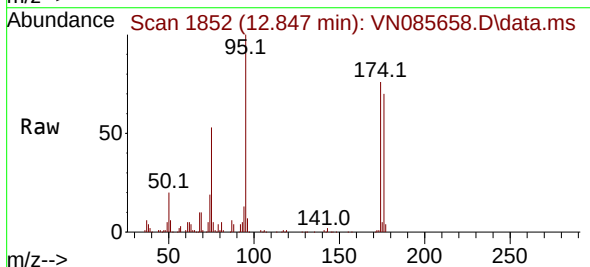
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

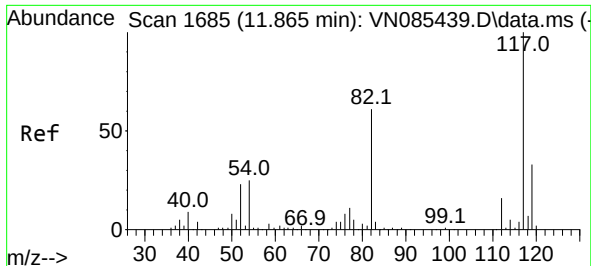
Tgt Ion: 43 Resp: 2150
Ion Ratio Lower Upper
43 100
58 192.1 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 45.448 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085658.D
Acq: 04 Feb 2025 17:50

Tgt Ion: 95 Resp: 154147
Ion Ratio Lower Upper
95 100
174 77.0 0.0 145.0
176 72.1 0.0 142.4

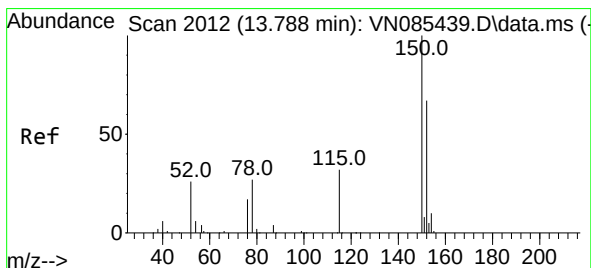
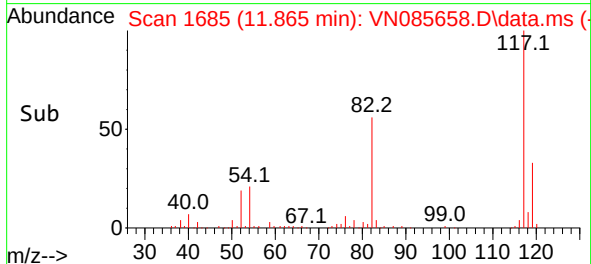
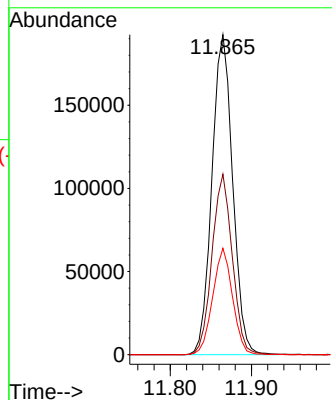
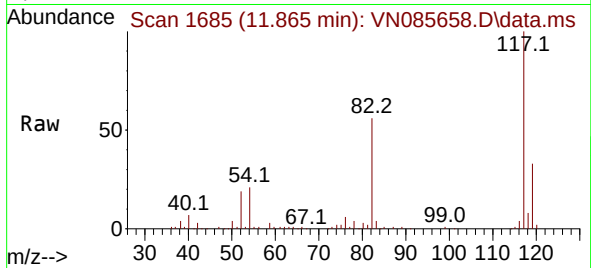




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085658.D
Acq: 04 Feb 2025 17:50

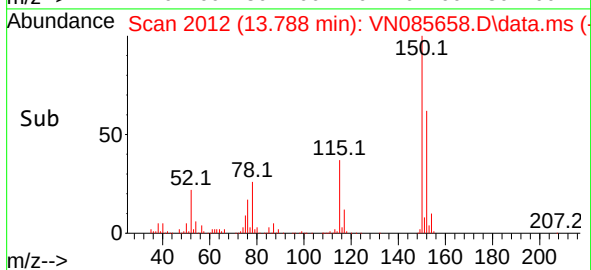
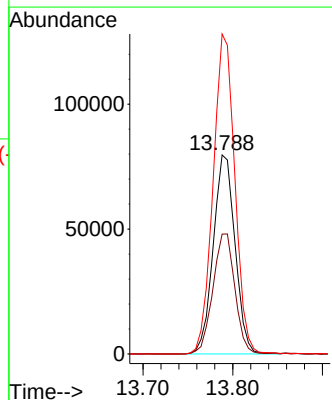
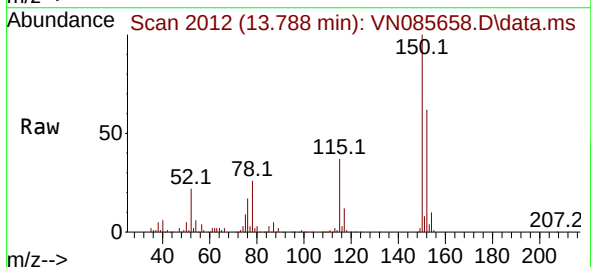
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

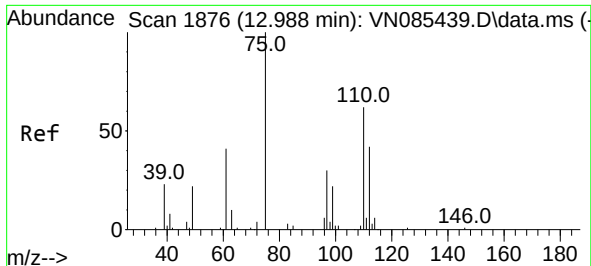
Tgt Ion:117 Resp: 341688
Ion Ratio Lower Upper
117 100
82 56.4 48.6 72.8
119 33.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085658.D
Acq: 04 Feb 2025 17:50

Tgt Ion:152 Resp: 134799
Ion Ratio Lower Upper
152 100
115 60.8 31.1 93.3
150 159.7 0.0 343.6

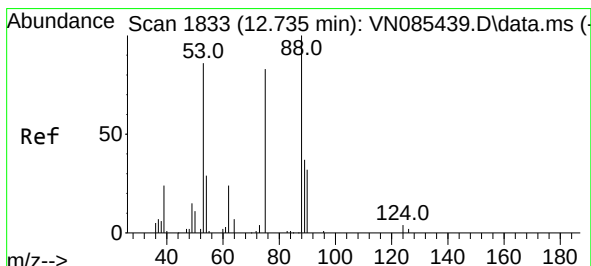
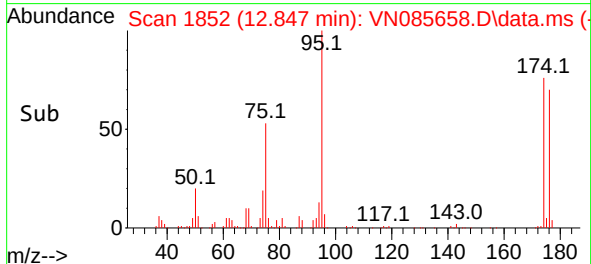
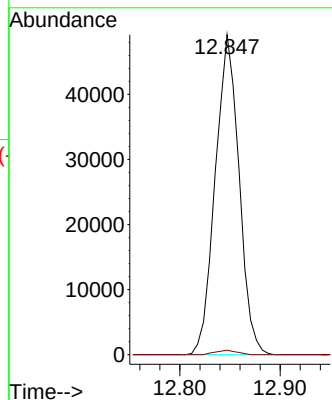
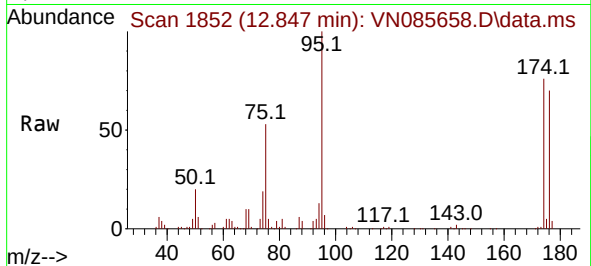




#76
1,2,3-Trichloropropane
Concen: 29.575 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085658.D
Acq: 04 Feb 2025 17:50

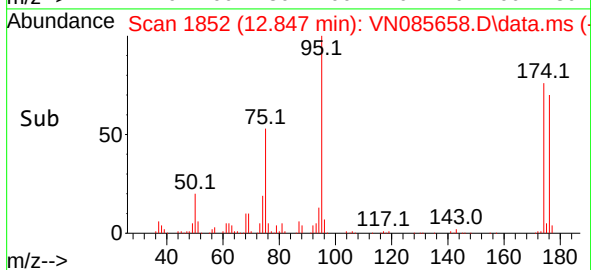
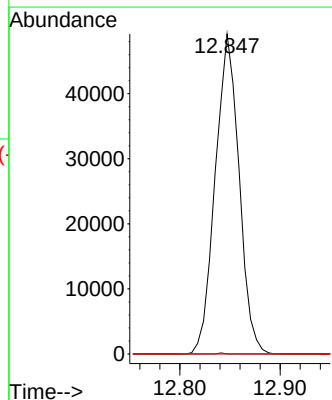
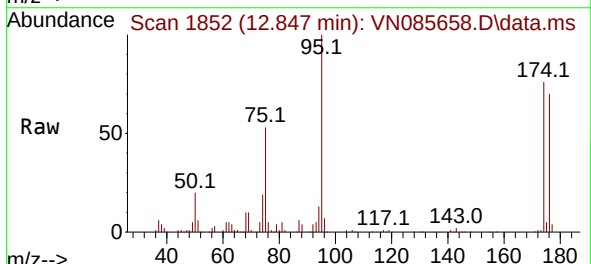
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-WATER-REF-5

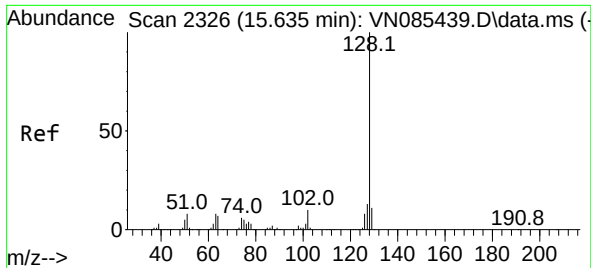
Tgt Ion: 75 Resp: 81030
Ion Ratio Lower Upper
75 100
77 1.3 109.7 329.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.017 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085658.D
Acq: 04 Feb 2025 17:50

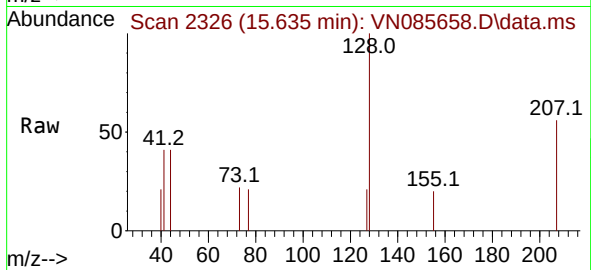
Tgt Ion: 75 Resp: 81030
Ion Ratio Lower Upper
75 100
53 0.1 95.6 143.4#
89 0.0 37.0 55.6#





#95
Naphthalene
Concen: 0.275 ug/l
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085658.D
Acq: 04 Feb 2025 17:50

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



Tgt Ion:128 Resp: 1666
Ion Ratio Lower Upper
128 100
127 8.5 10.6 16.0#
129 0.0 8.8 13.2#

