

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082612.D
 Acq On : 17 Jun 2024 16:34
 Operator : JC\MD
 Sample : P2894-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jun 18 18:39:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

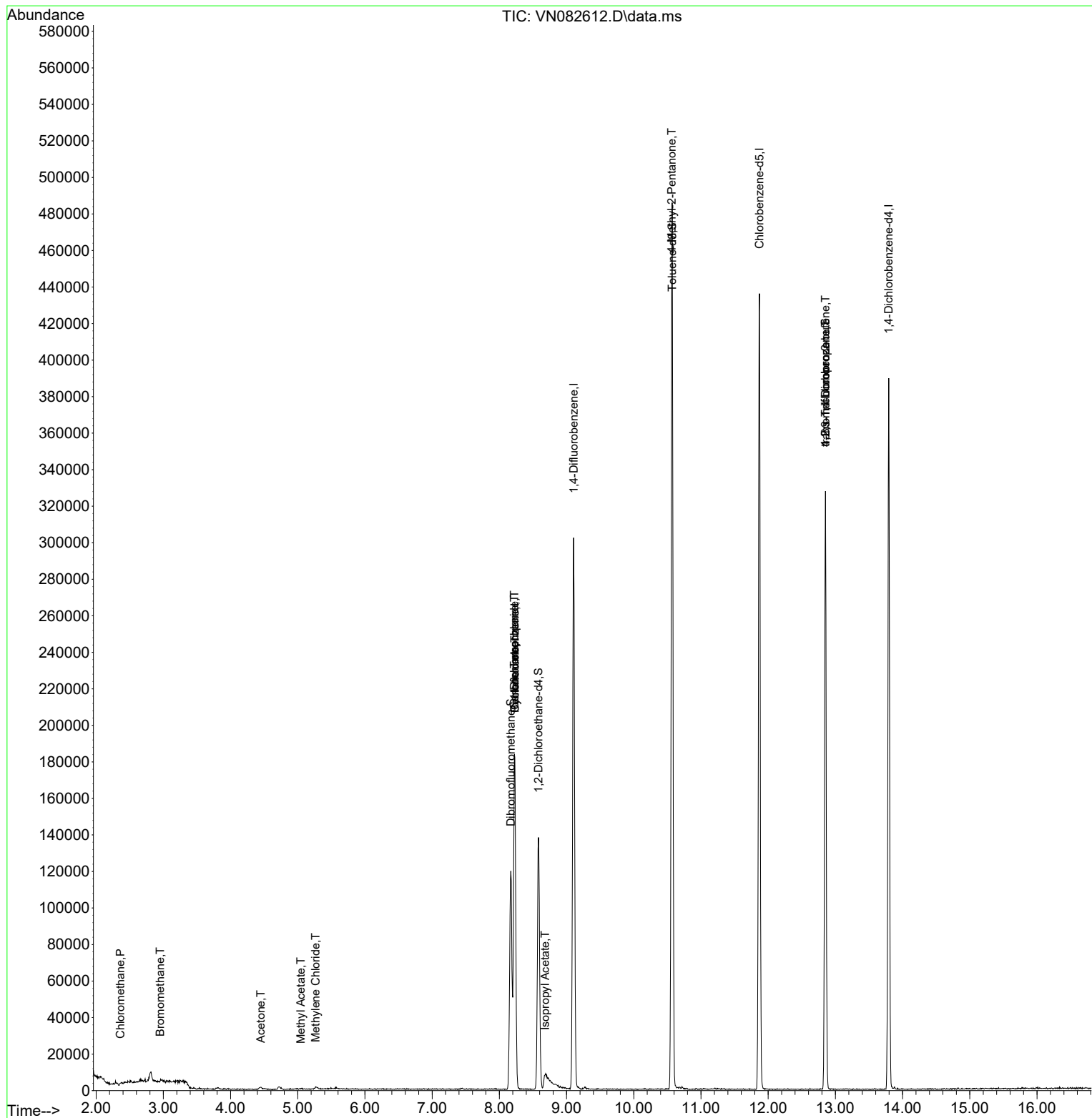
Internal Standards						
1) Pentafluorobenzene	8.230	168	131807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	240619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	233842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	114547	54.193	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.380%			
35) Dibromofluoromethane	8.171	113	84093	51.517	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.040%			
50) Toluene-d8	10.571	98	308524	49.980	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.960%			
62) 4-Bromofluorobenzene	12.853	95	100932	47.426	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.860%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	679	0.308	ug/l #	66
5) Bromomethane	2.954	94	285	0.211	ug/l #	56
16) Acetone	4.448	43	1985	2.065	ug/l	94
18) Methyl Acetate	5.048	43	518	0.220	ug/l #	56
20) Methylene Chloride	5.265	84	854	0.505	ug/l #	67
31) Cyclohexane	8.230	56	3523	1.155	ug/l #	30
36) 1,1-Dichloropropene	8.224	75	12142	4.976	ug/l #	51
38) Carbon Tetrachloride	8.224	117	14204	5.165	ug/l #	18
43) Isopropyl Acetate	8.683	43	14370	2.474	ug/l #	60
51) 4-Methyl-2-Pentanone	10.565	43	2091	0.702	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	59716	25.197	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	59716	60.283	ug/l #	6

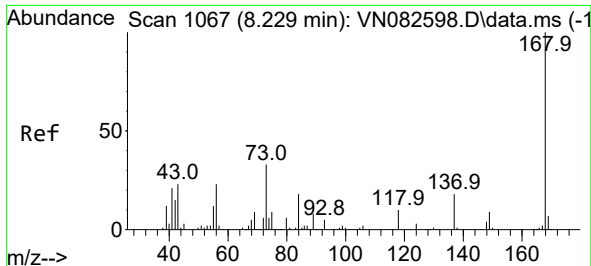
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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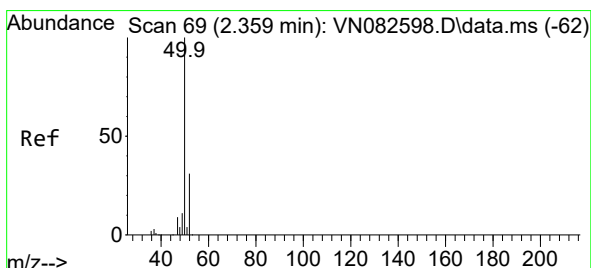
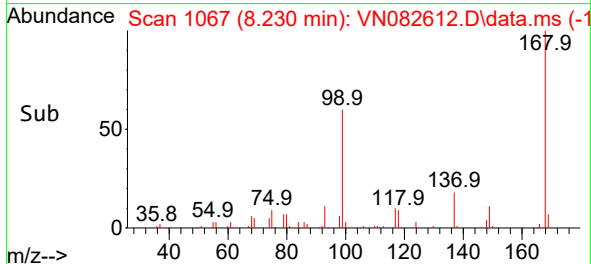
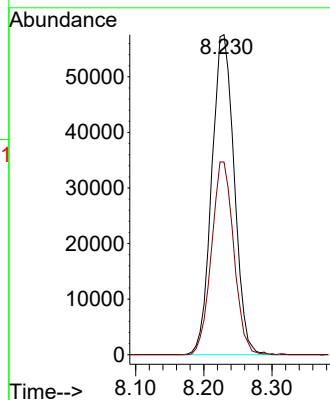
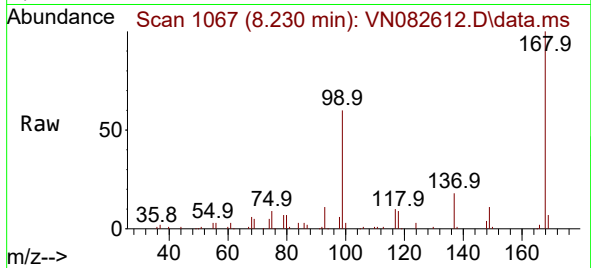




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082612.D
Acq: 17 Jun 2024 16:34

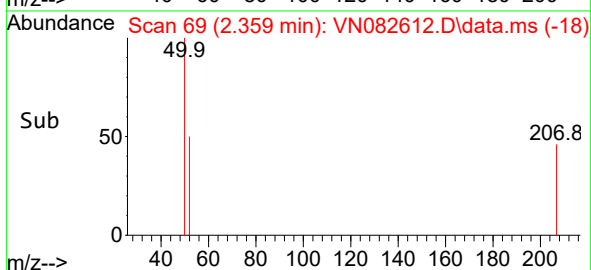
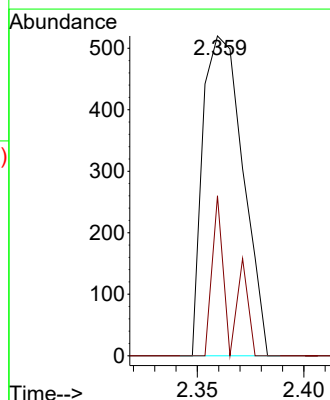
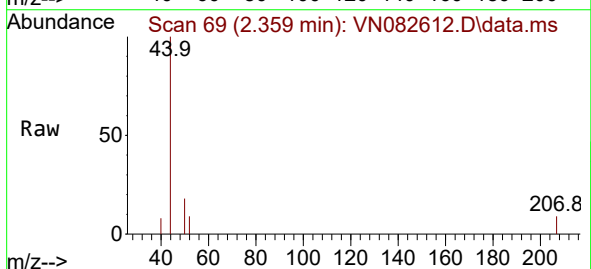
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

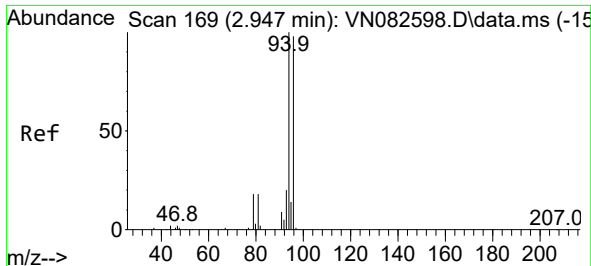
Tgt Ion:168 Resp: 131807
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4



#3
Chloromethane
Concen: 0.308 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082612.D
Acq: 17 Jun 2024 16:34

Tgt Ion: 50 Resp: 679
Ion Ratio Lower Upper
50 100
52 50.0 25.0 37.4#

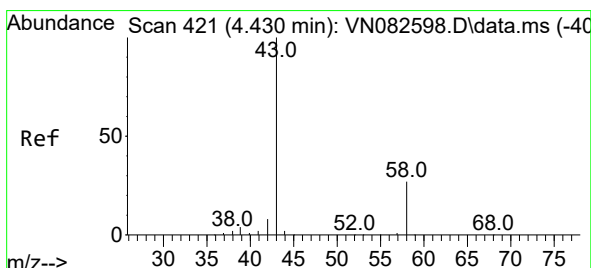
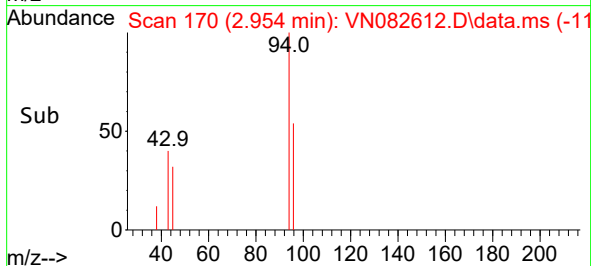
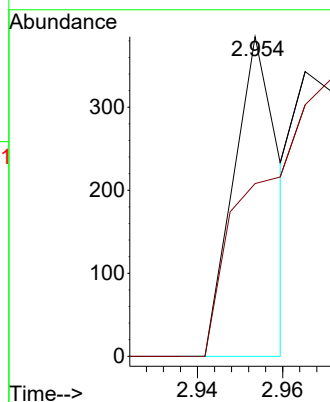
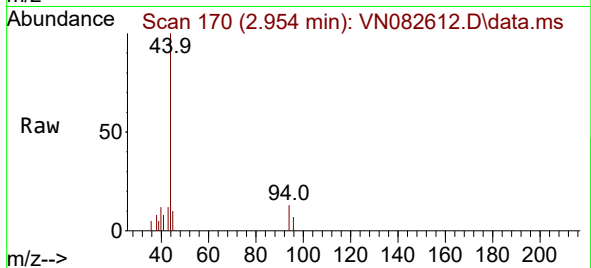




#5
Bromomethane
Concen: 0.211 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.007 min
Lab File: VN082612.D
Acq: 17 Jun 2024 16:34

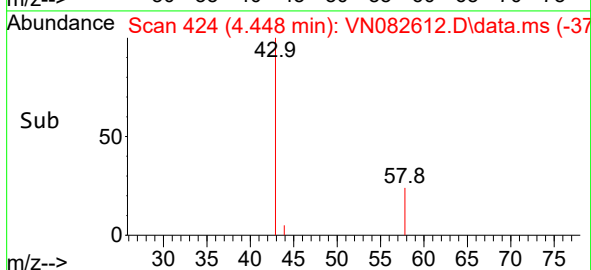
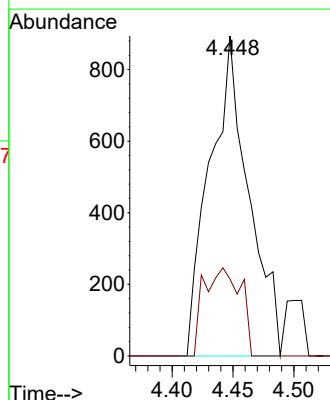
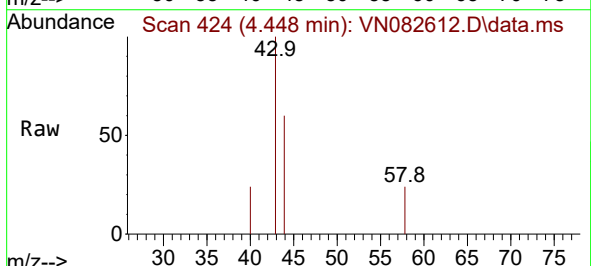
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

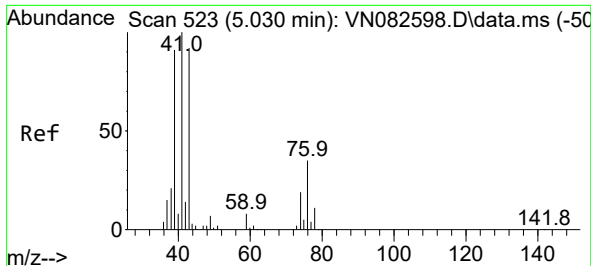
Tgt Ion: 94 Resp: 285
Ion Ratio Lower Upper
94 100
96 54.0 78.0 117.0#



#16
Acetone
Concen: 2.065 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN082612.D
Acq: 17 Jun 2024 16:34

Tgt Ion: 43 Resp: 1985
Ion Ratio Lower Upper
43 100
58 24.0 21.8 32.6





#18

Methyl Acetate

Concen: 0.220 ug/l

RT: 5.048 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN082612.D

Acq: 17 Jun 2024 16:34

Instrument :

MSVOA_N

ClientSampleId :

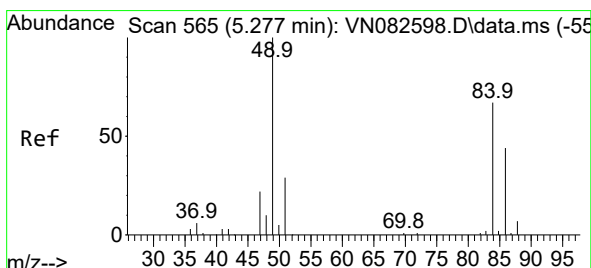
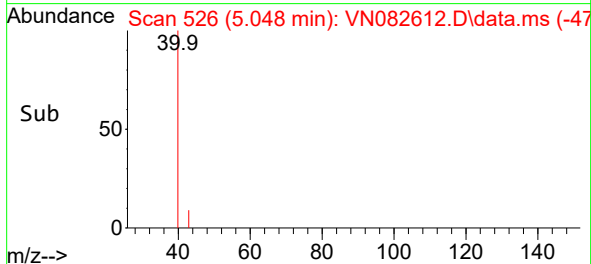
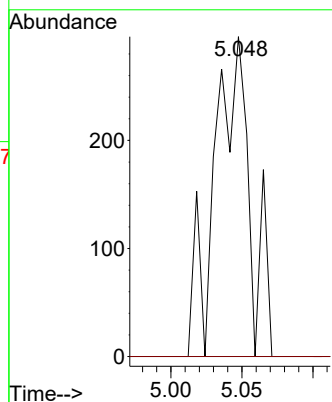
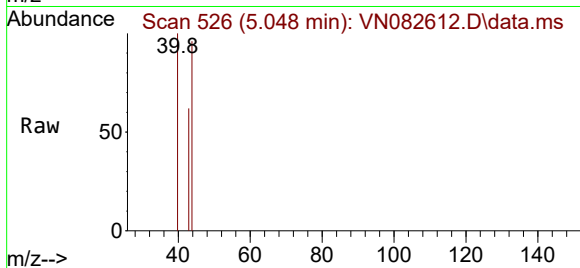
Storage-Blank-WATER-REF-4

Tgt Ion: 43 Resp: 518

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



#20

Methylene Chloride

Concen: 0.505 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.012 min

Lab File: VN082612.D

Acq: 17 Jun 2024 16:34

Tgt Ion: 84 Resp: 854

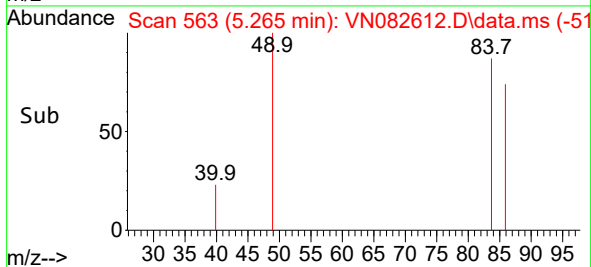
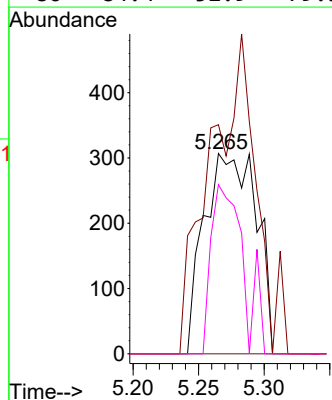
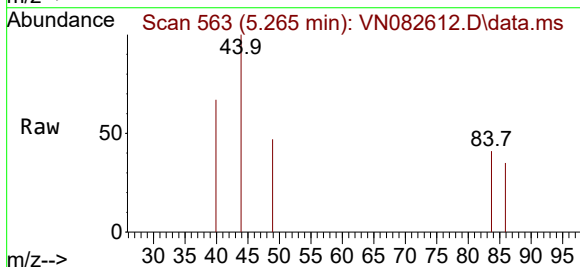
Ion Ratio Lower Upper

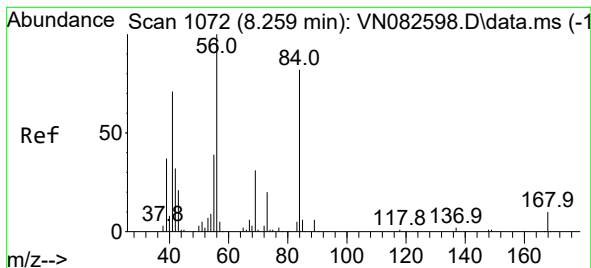
84 100

49 114.3 119.6 179.4#

51 0.0 34.8 52.2#

86 84.4 52.9 79.3#





#31

Cyclohexane

Concen: 1.155 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN082612.D

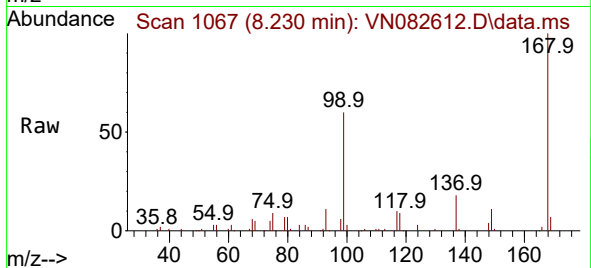
Acq: 17 Jun 2024 16:34

Instrument :

MSVOA_N

ClientSampleId :

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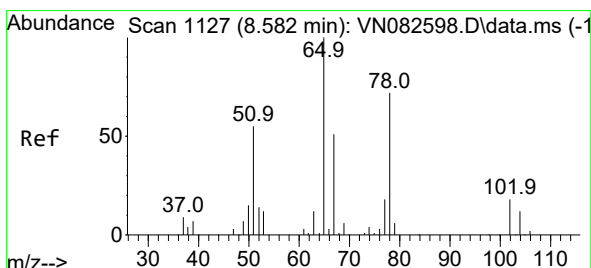
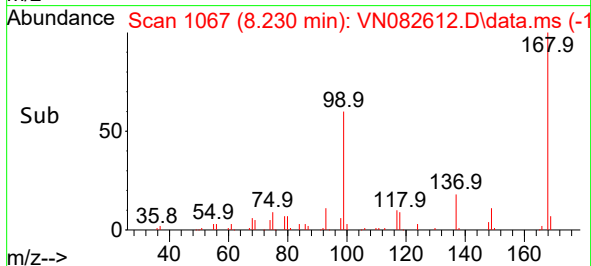
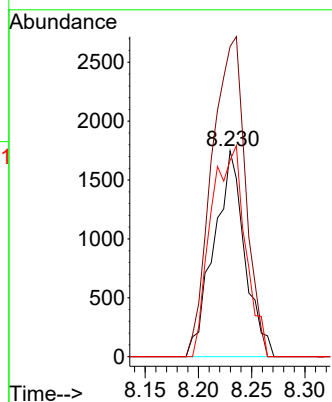
Tgt Ion: 56 Resp: 3523

Ion Ratio Lower Upper

56 100

69 150.8 24.5 36.7#

84 95.5 66.0 99.0



#33

1,2-Dichloroethane-d4

Concen: 54.193 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082612.D

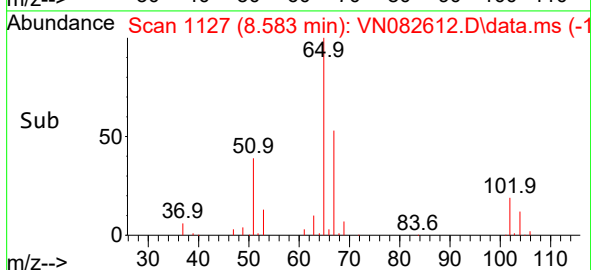
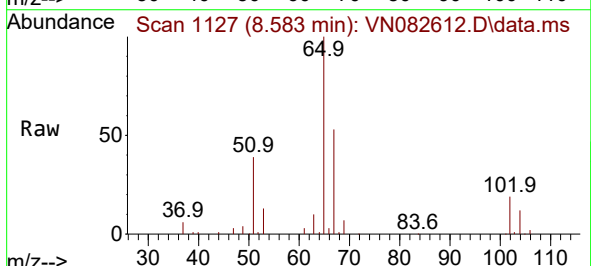
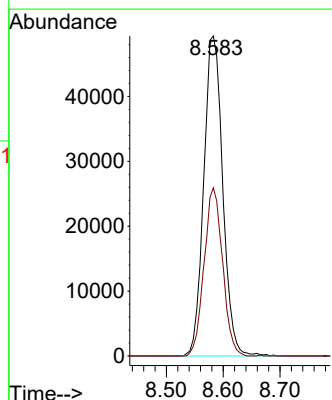
Acq: 17 Jun 2024 16:34

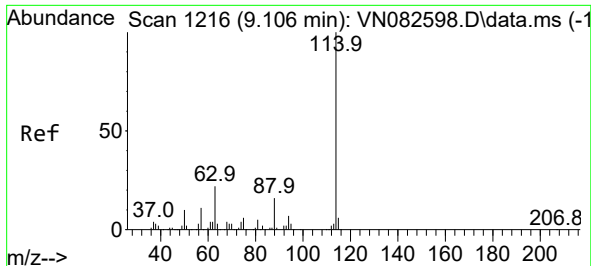
Tgt Ion: 65 Resp: 114547

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.4

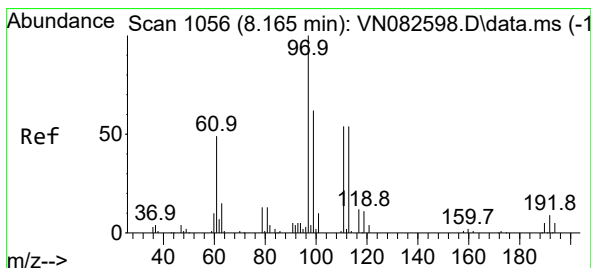
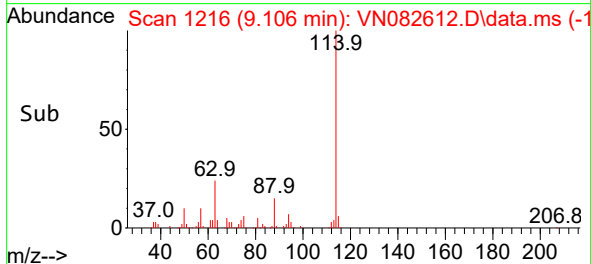
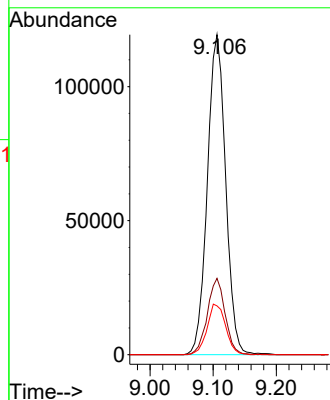
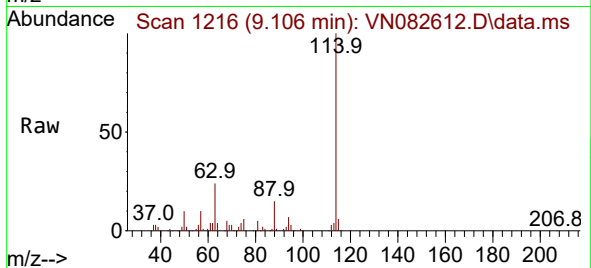




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082612.D
Acq: 17 Jun 2024 16:34

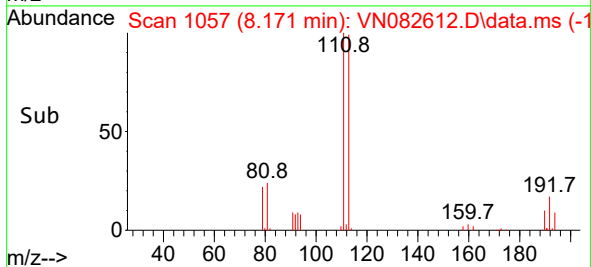
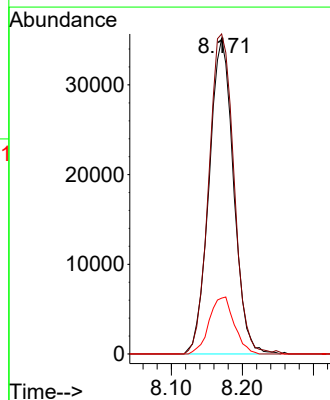
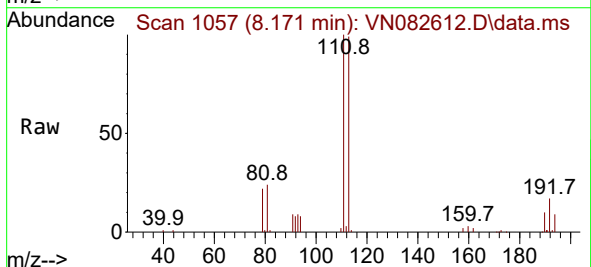
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Storage-Blank-WATER-REF-4

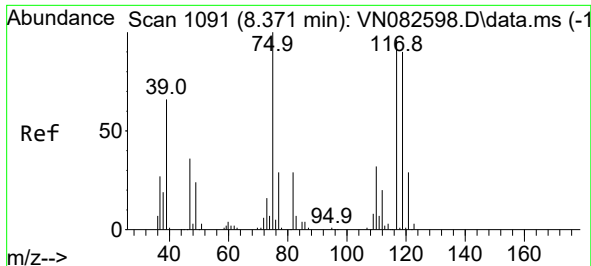
Tgt Ion:114 Resp: 240619
Ion Ratio Lower Upper
114 100
63 23.9 0.0 44.6
88 15.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.517 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082612.D
Acq: 17 Jun 2024 16:34

Tgt Ion:113 Resp: 84093
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 18.5 14.9 22.3

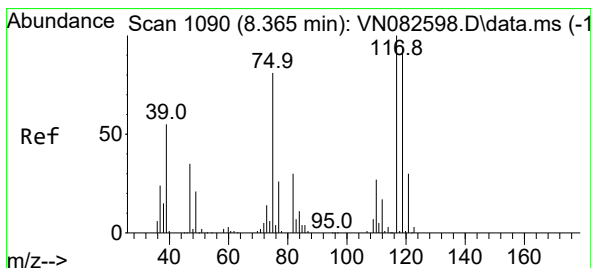
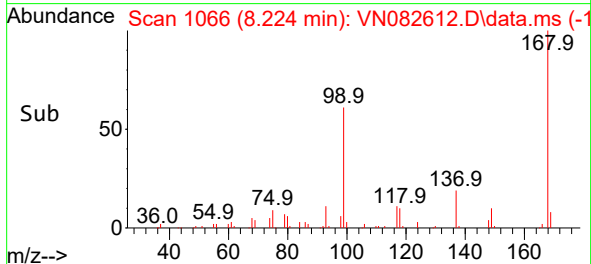
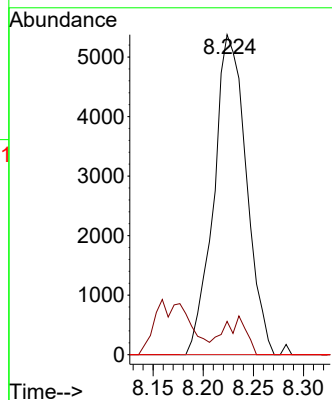
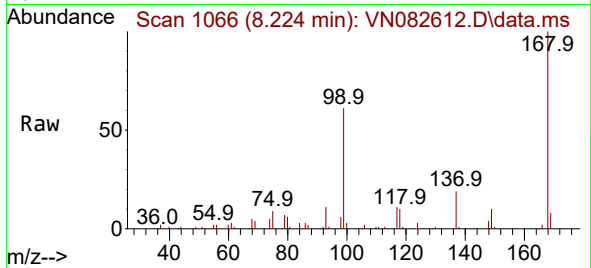




#36
1,1-Dichloropropene
Concen: 4.976 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082612.D
Acq: 17 Jun 2024 16:34

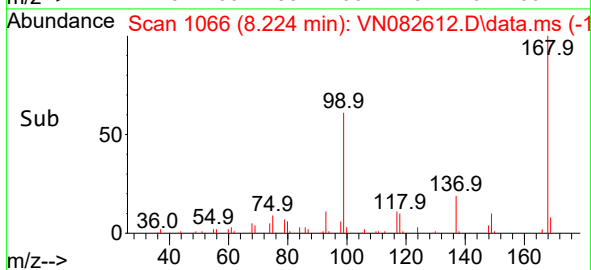
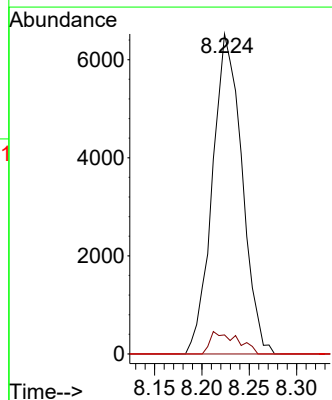
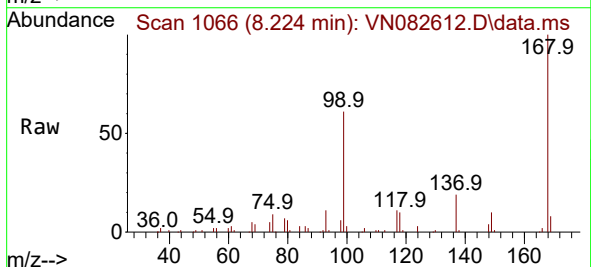
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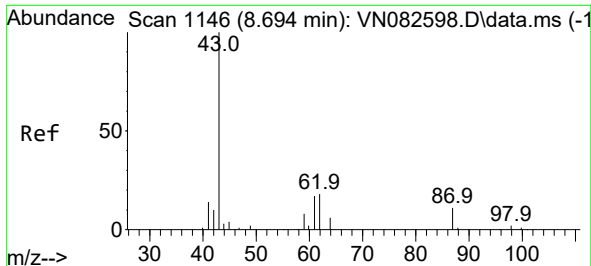
Tgt Ion: 75 Resp: 12142
Ion Ratio Lower Upper
75 100
110 8.4 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.165 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082612.D
Acq: 17 Jun 2024 16:34

Tgt Ion: 117 Resp: 14204
Ion Ratio Lower Upper
117 100
119 5.9 74.9 112.3#
121 0.0 24.3 36.5#

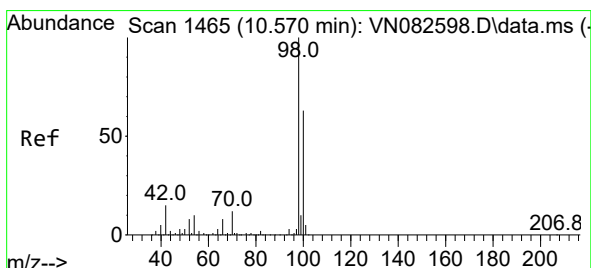
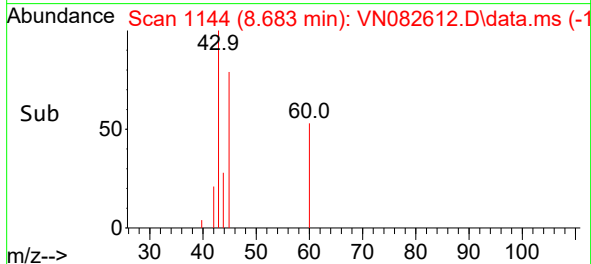
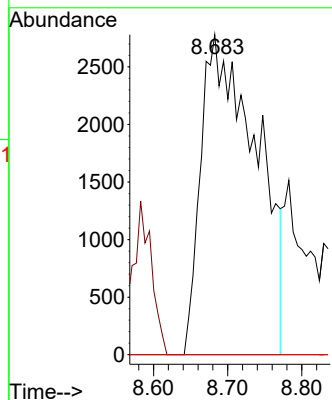
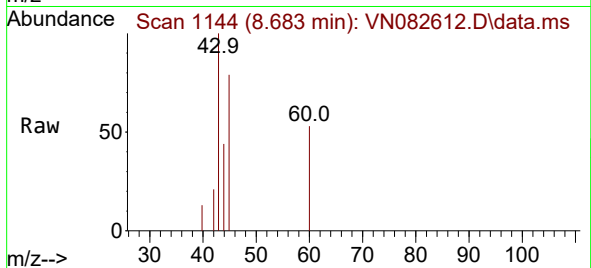




#43
Isopropyl Acetate
Concen: 2.474 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.011 min
Lab File: VN082612.D
Acq: 17 Jun 2024 16:34

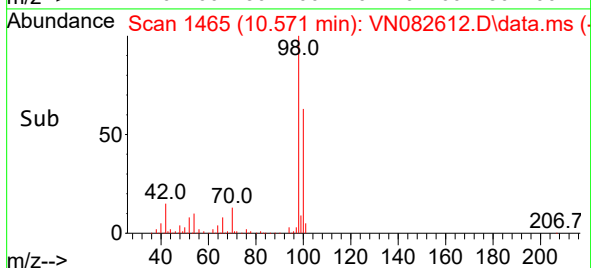
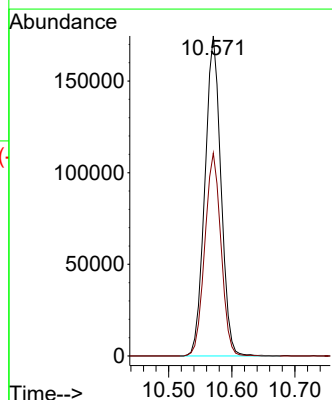
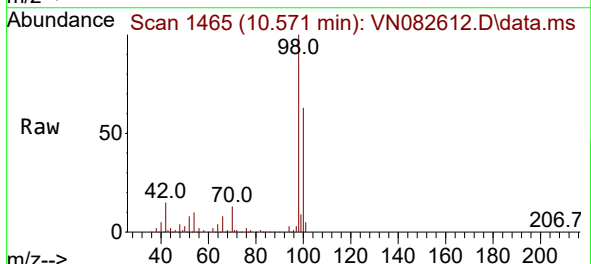
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-WATER-REF-4

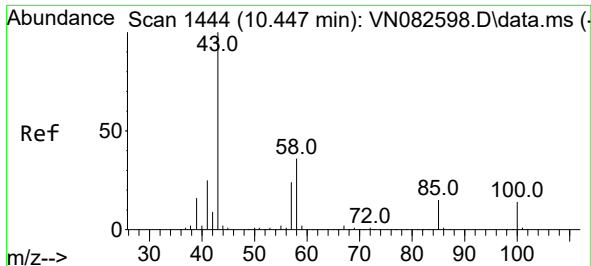
Tgt Ion: 43 Resp: 14370
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 49.980 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082612.D
Acq: 17 Jun 2024 16:34

Tgt Ion: 98 Resp: 308524
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3

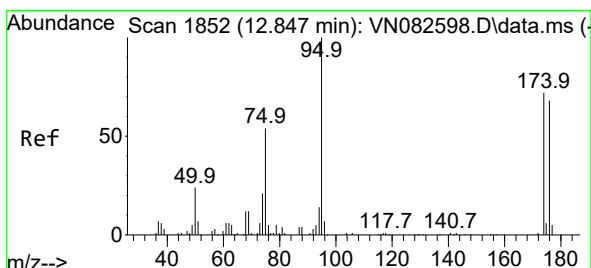
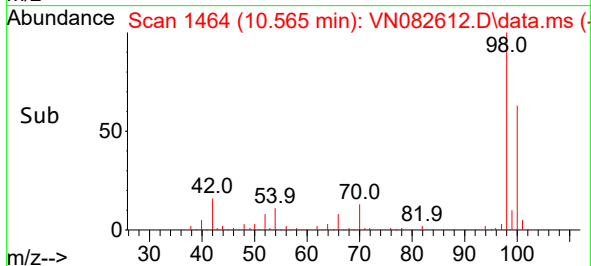
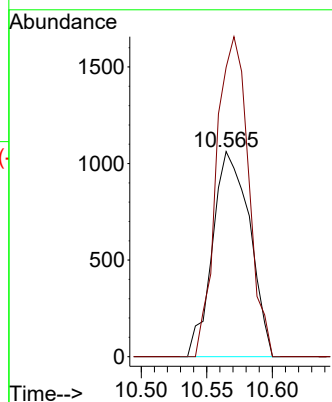
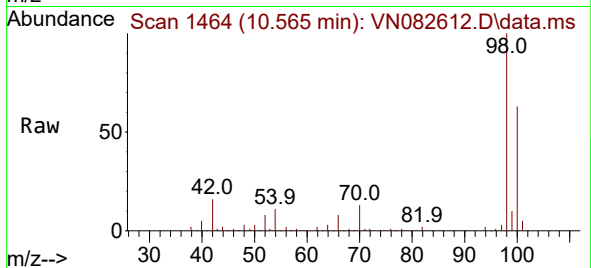




#51
4-Methyl-2-Pentanone
Concen: 0.702 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN082612.D
Acq: 17 Jun 2024 16:34

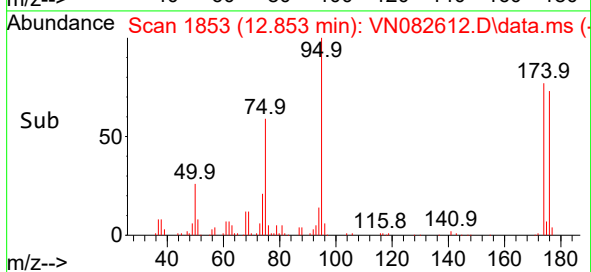
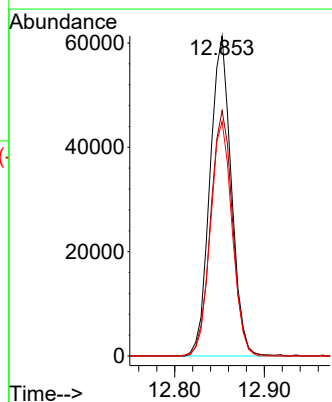
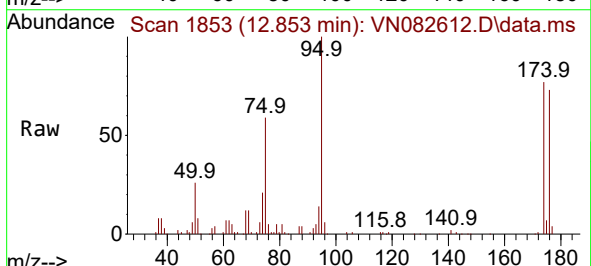
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

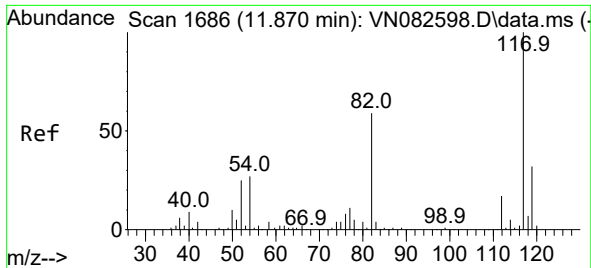
Tgt Ion: 43 Resp: 2091
Ion Ratio Lower Upper
43 100
58 134.5 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 47.426 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082612.D
Acq: 17 Jun 2024 16:34

Tgt Ion: 95 Resp: 100932
Ion Ratio Lower Upper
95 100
174 79.1 0.0 159.2
176 74.7 0.0 147.6

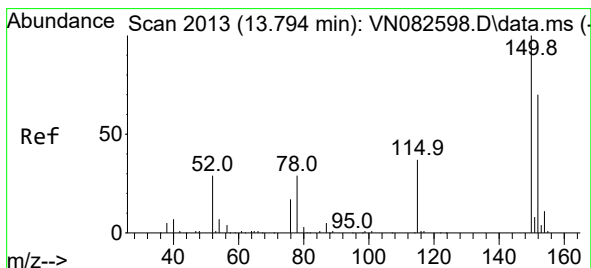
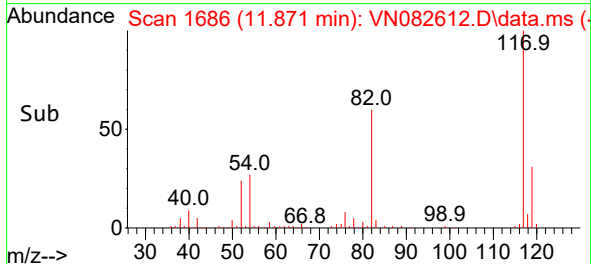
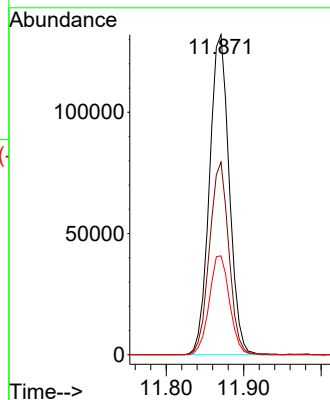
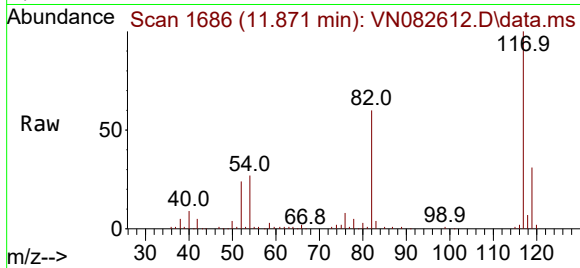




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082612.D
Acq: 17 Jun 2024 16:34

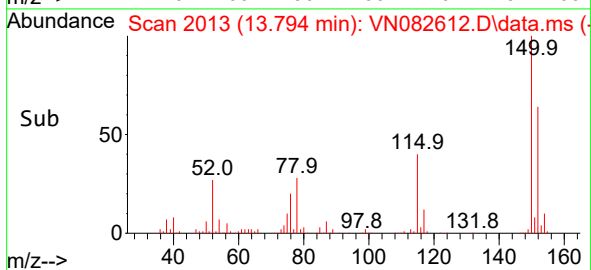
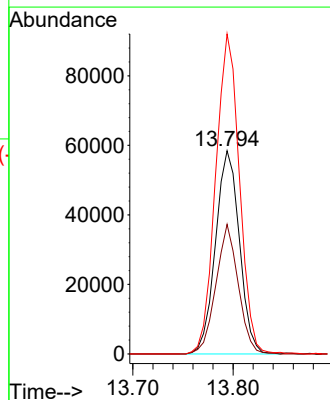
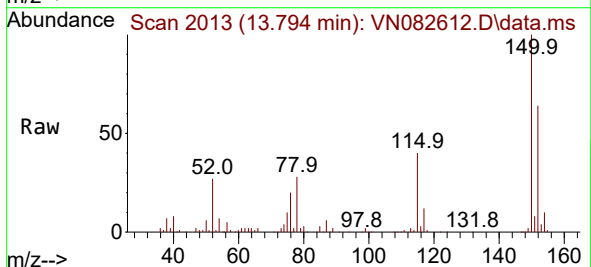
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

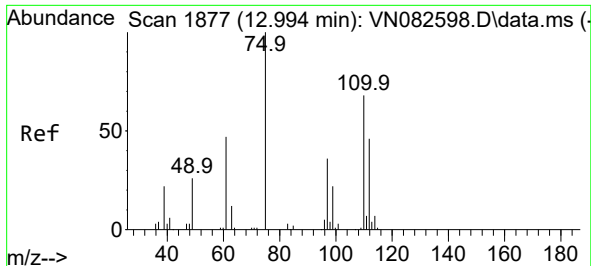
Tgt Ion:117 Resp: 233842
Ion Ratio Lower Upper
117 100
82 60.2 47.5 71.3
119 30.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082612.D
Acq: 17 Jun 2024 16:34

Tgt Ion:152 Resp: 96896
Ion Ratio Lower Upper
152 100
115 59.5 30.6 91.6
150 156.6 0.0 348.6

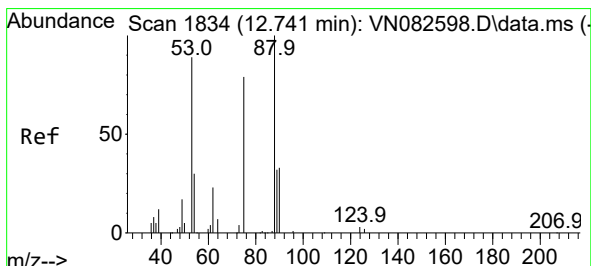
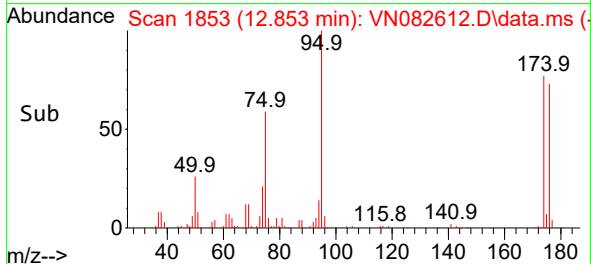
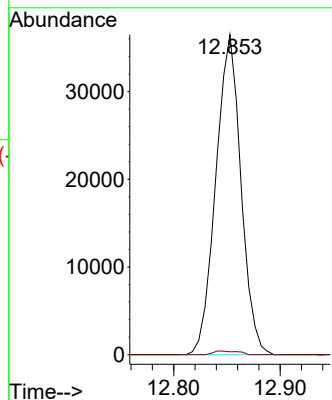
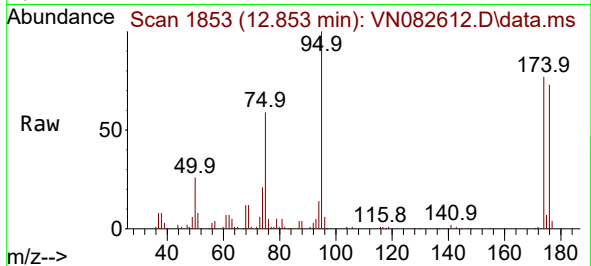




#76
1,2,3-Trichloropropane
Concen: 25.197 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082612.D
Acq: 17 Jun 2024 16:34

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

Tgt Ion: 75 Resp: 59716
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.283 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082612.D
Acq: 17 Jun 2024 16:34

Tgt Ion: 75 Resp: 59716
Ion Ratio Lower Upper
75 100
53 0.1 88.4 132.6#
89 0.0 36.3 54.5#

