

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082346.D
 Acq On : 28 May 2024 14:53
 Operator : JC\MD
 Sample : P2606-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: May 29 06:51:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

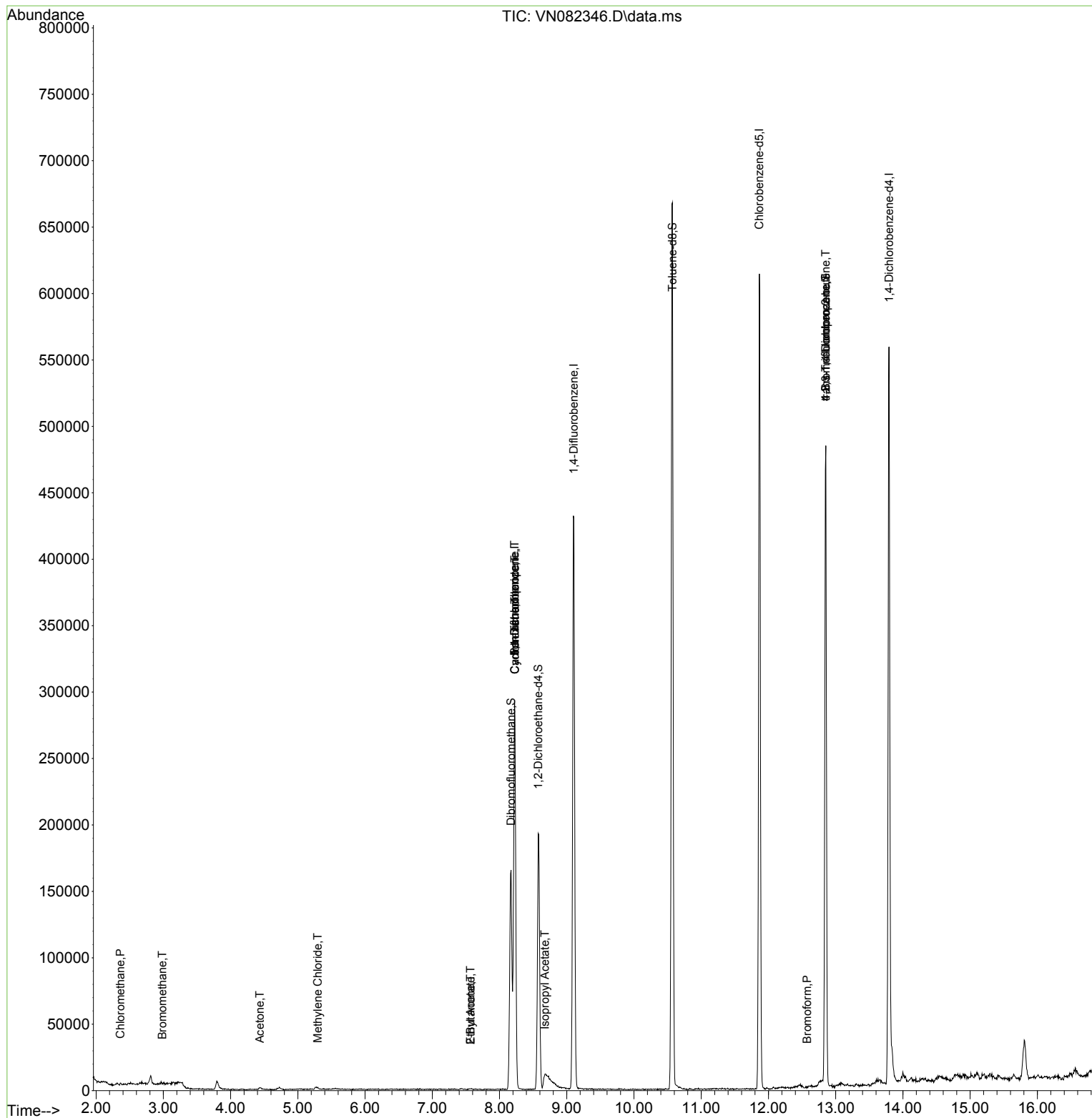
Internal Standards						
1) Pentafluorobenzene	8.224	168	205065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	357663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160368	49.526	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.060%			
35) Dibromofluoromethane	8.171	113	114889	52.218	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.440%			
50) Toluene-d8	10.571	98	443984	52.634	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.260%			
62) 4-Bromofluorobenzene	12.853	95	156610	52.017	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 104.040%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1066	0.318	ug/l #	88
5) Bromomethane	2.983	94	605	0.334	ug/l #	3
16) Acetone	4.436	43	2892	2.177	ug/l #	86
20) Methylene Chloride	5.295	84	1373	0.512	ug/l #	47
25) 2-Butanone	7.571	43	1109	0.551	ug/l #	43
31) Cyclohexane	8.230	56	5667	1.096	ug/l #	50
36) 1,1-Dichloropropene	8.224	75	18406	4.988	ug/l #	49
37) Ethyl Acetate	7.571	43	1109	0.269	ug/l #	68
38) Carbon Tetrachloride	8.230	117	22381	5.983	ug/l #	16
43) Isopropyl Acetate	8.677	43	16892	2.308	ug/l #	52
71) Bromoform	12.576	173	62	0.733	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	90656	31.594	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	90656	73.897	ug/l #	12

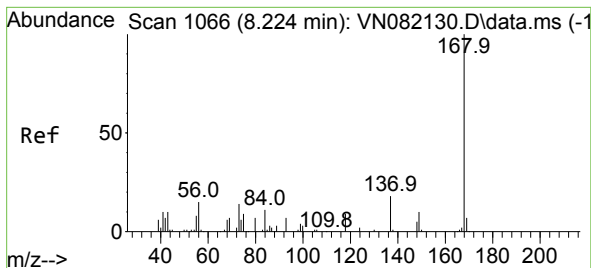
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
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STORAGE-BLANK-WATER-REF-5

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082346.D

Acq: 28 May 2024 14:53

Instrument :

MSVOA_N

ClientSampleId :

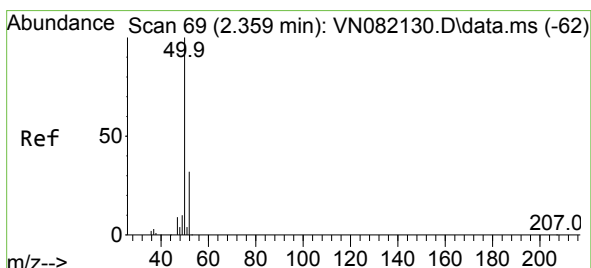
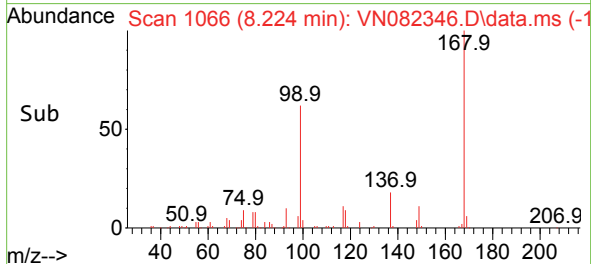
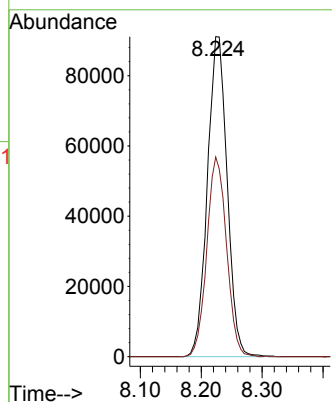
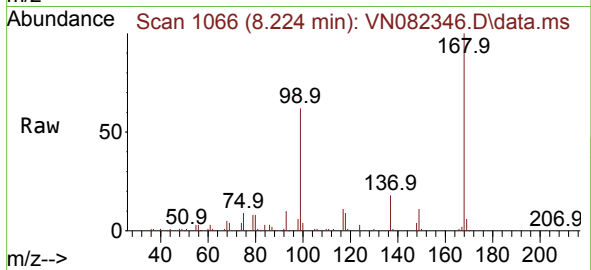
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 205065

Ion Ratio Lower Upper

168 100

99 62.4 48.2 72.4



#3

Chloromethane

Concen: 0.318 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN082346.D

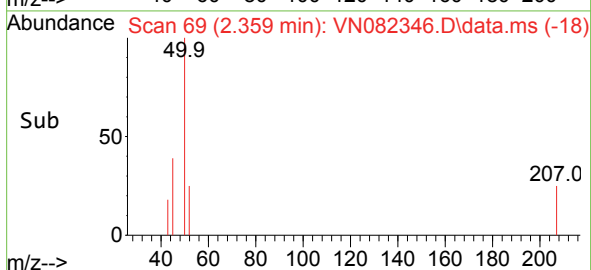
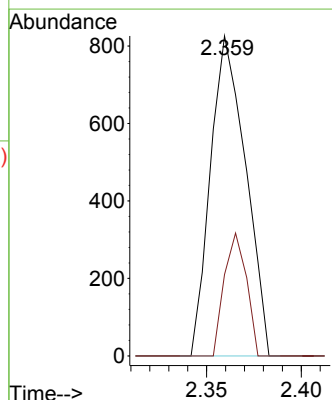
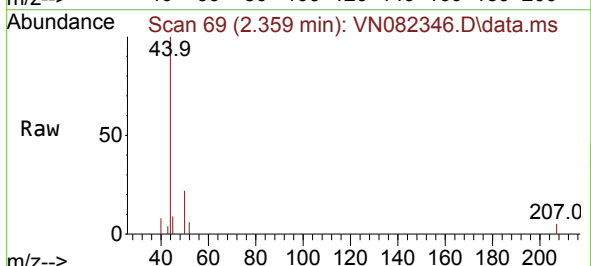
Acq: 28 May 2024 14:53

Tgt Ion: 50 Resp: 1066

Ion Ratio Lower Upper

50 100

52 25.4 25.5 38.3#

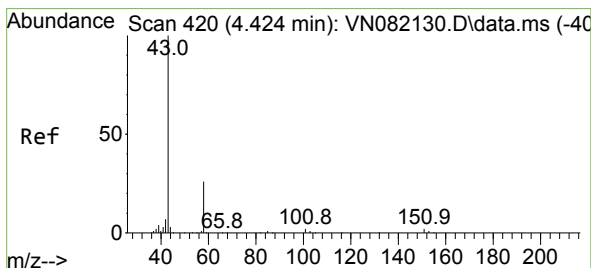
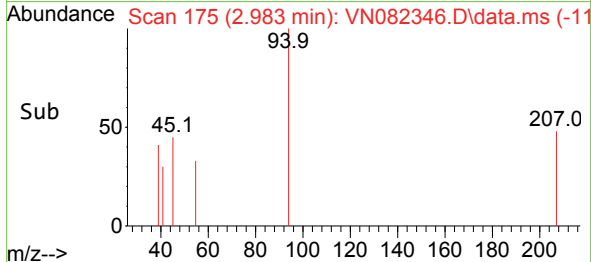
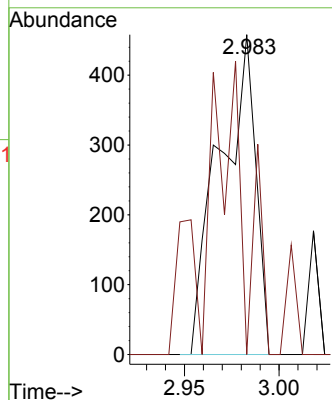
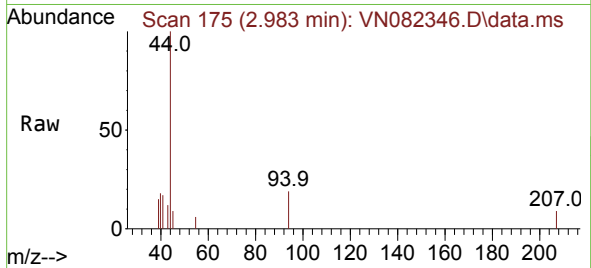




#5
Bromomethane
Concen: 0.334 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

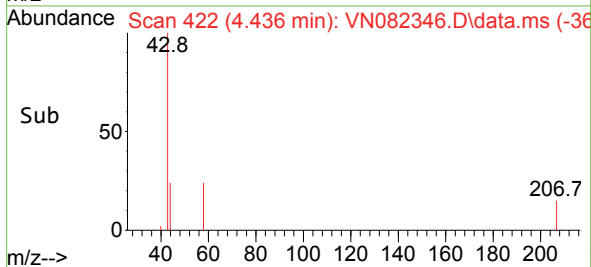
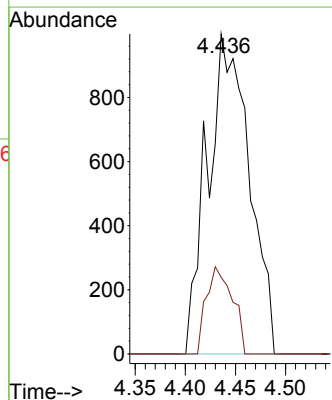
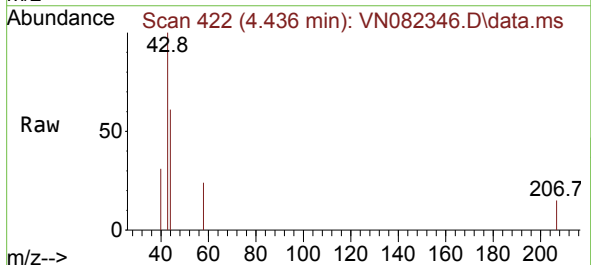
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 94 Resp: 605
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#16
Acetone
Concen: 2.177 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

Tgt Ion: 43 Resp: 2892
Ion Ratio Lower Upper
43 100
58 23.9 25.2 37.8#

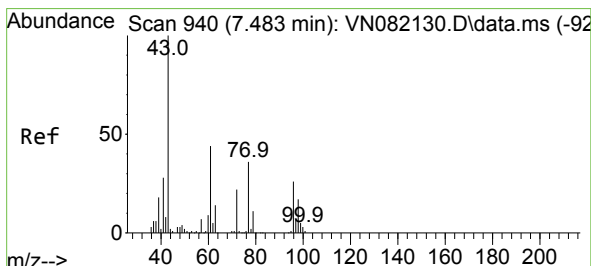
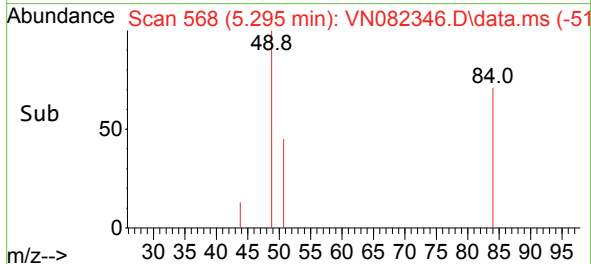
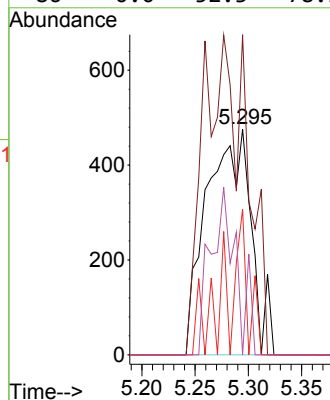
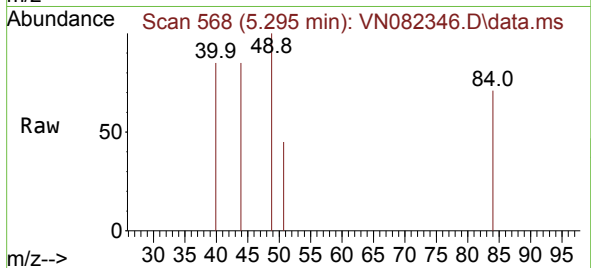




#20
Methylene Chloride
Concen: 0.512 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

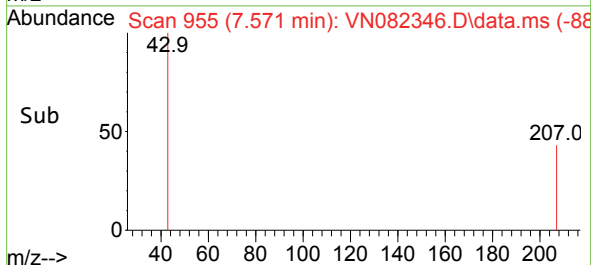
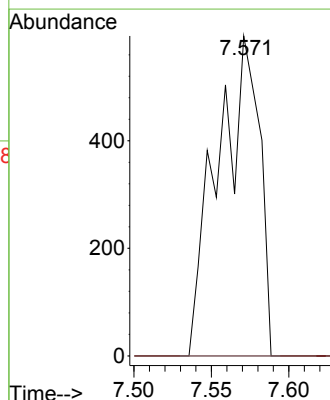
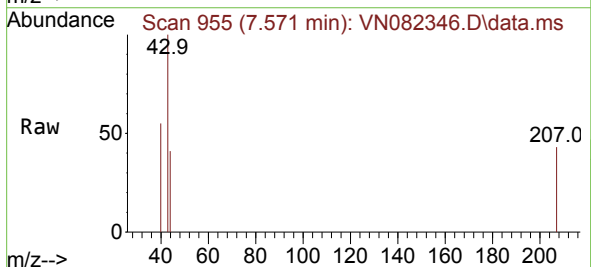
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

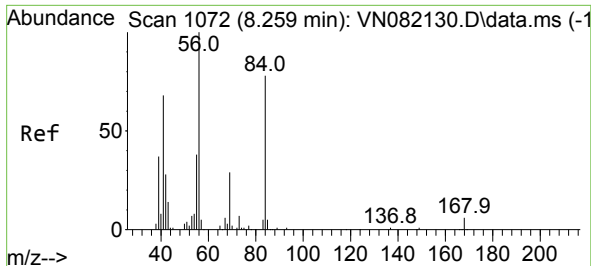
Tgt Ion: 84 Resp: 1373
Ion Ratio Lower Upper
84 100
49 141.8 84.9 127.3#
51 64.5 27.0 40.6#
86 0.0 52.3 78.5#



#25
2-Butanone
Concen: 0.551 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.088 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#

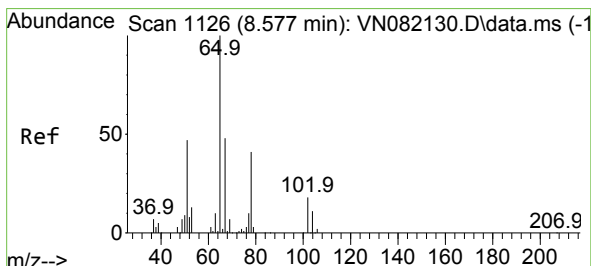
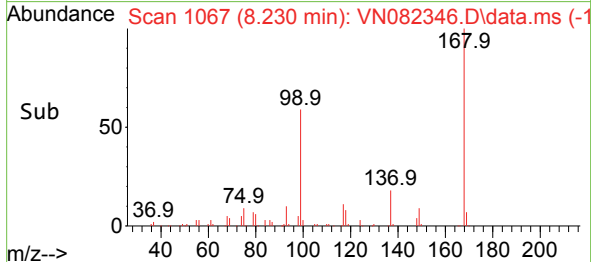
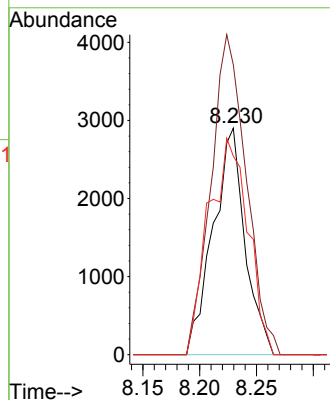
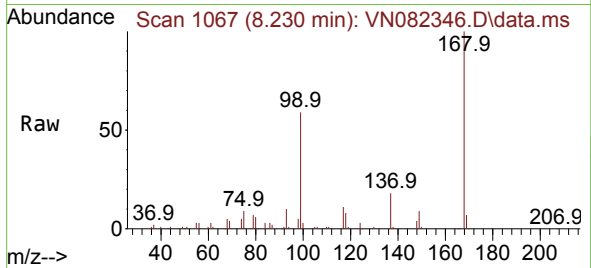




#31
Cyclohexane
Concen: 1.096 ug/l
RT: 8.230 min Scan# 1072
Delta R.T. -0.029 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

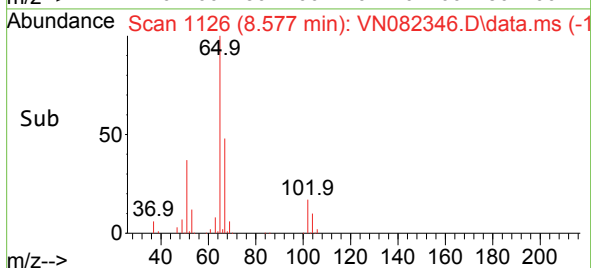
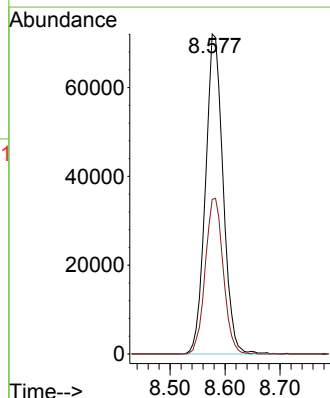
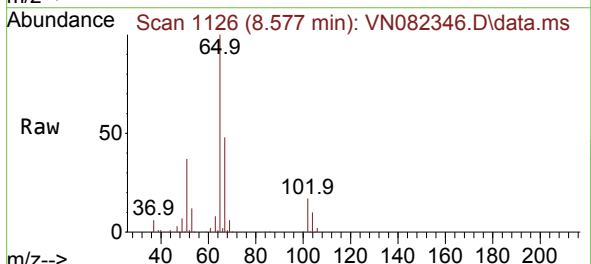
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

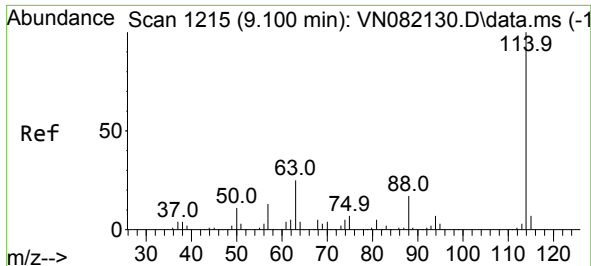
Tgt Ion: 56 Resp: 5667
Ion Ratio Lower Upper
56 100
69 127.9 24.4 36.6#
84 87.6 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 49.526 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

Tgt Ion: 65 Resp: 160368
Ion Ratio Lower Upper
65 100
67 49.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082346.D

Acq: 28 May 2024 14:53

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

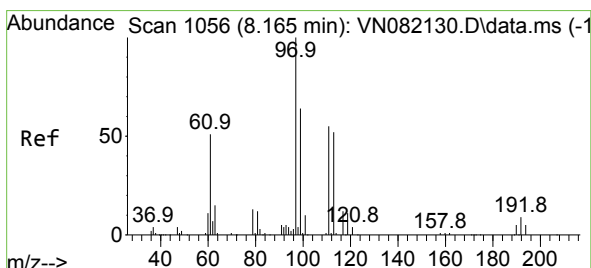
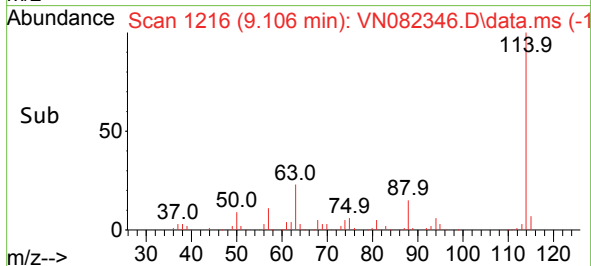
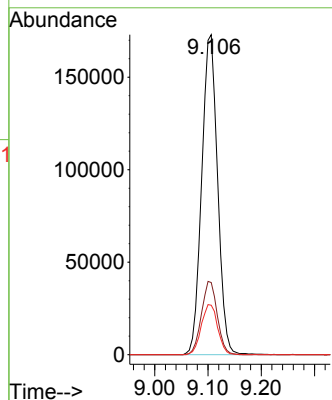
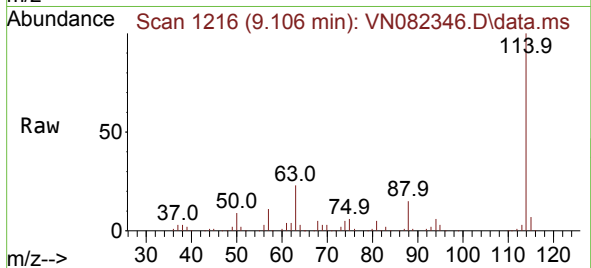
Tgt Ion:114 Resp: 357663

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.0

88 15.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.218 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082346.D

Acq: 28 May 2024 14:53

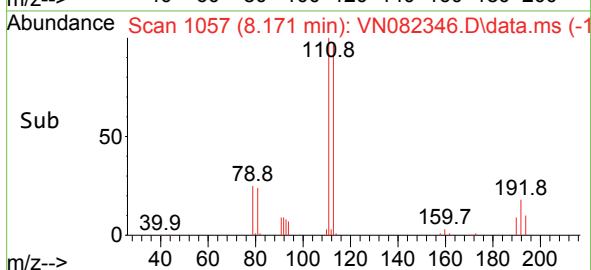
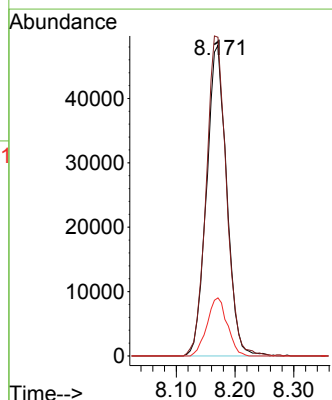
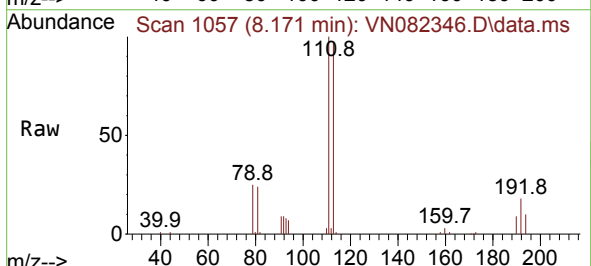
Tgt Ion:113 Resp: 114889

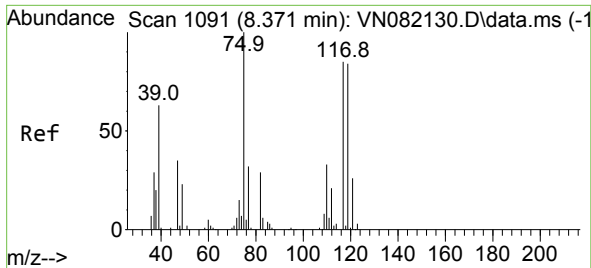
Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

192 18.8 14.0 21.0

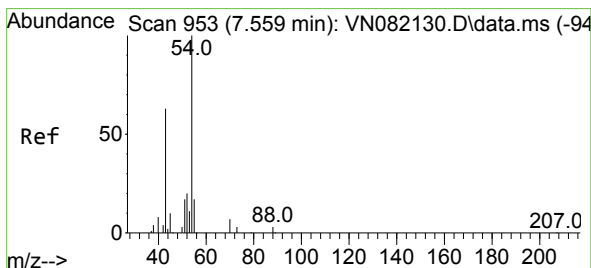
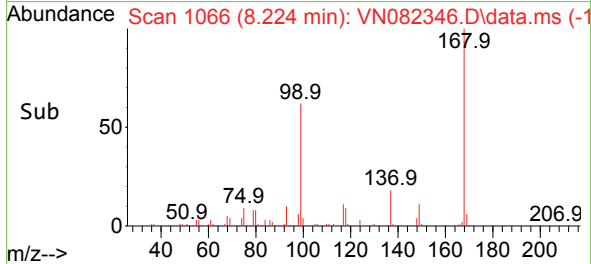
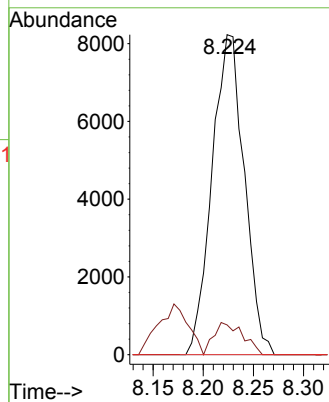
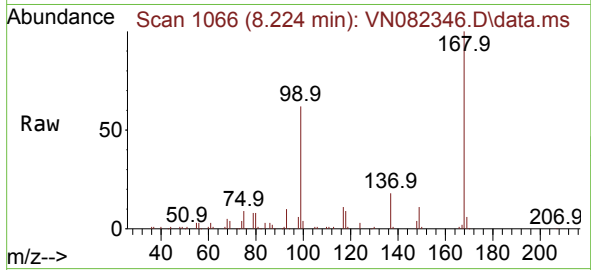




#36
1,1-Dichloropropene
Concen: 4.988 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

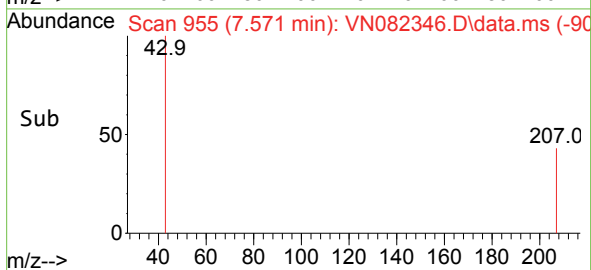
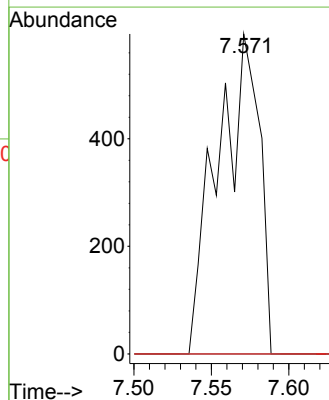
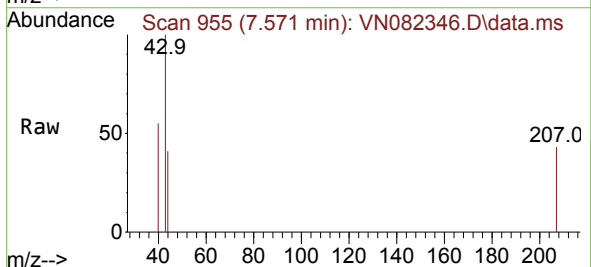
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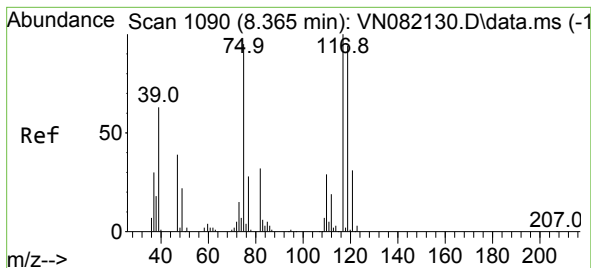
Tgt Ion: 75 Resp: 18406
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.269 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.012 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.983 ug/l

RT: 8.230 min Scan# 1106

Delta R.T. -0.135 min

Lab File: VN082346.D

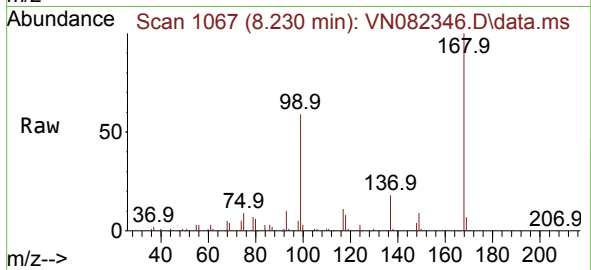
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Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



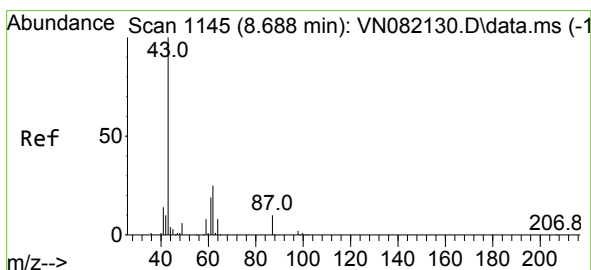
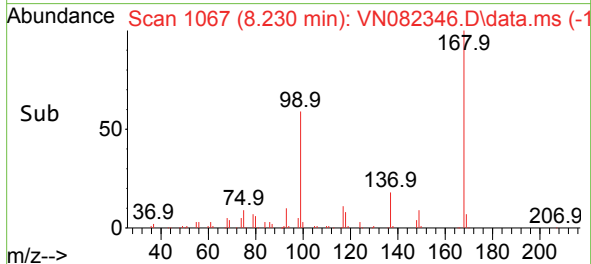
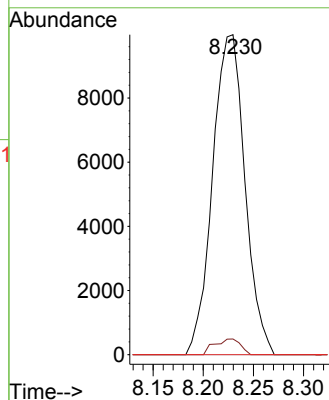
Tgt Ion: 117 Resp: 22381

Ion Ratio Lower Upper

117 100

119 4.9 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 2.308 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.012 min

Lab File: VN082346.D

Acq: 28 May 2024 14:53

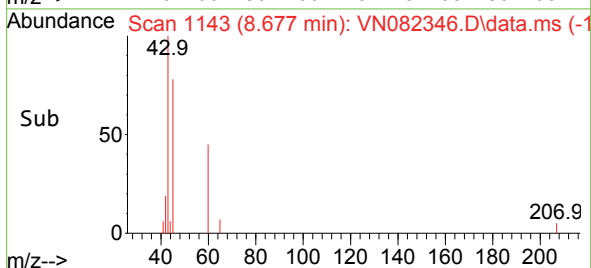
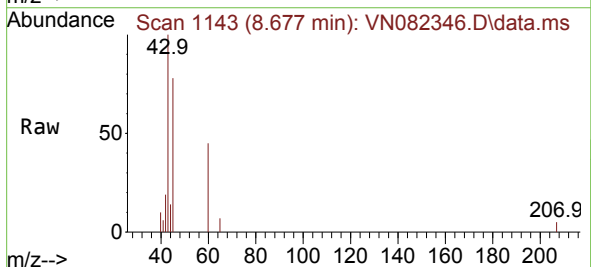
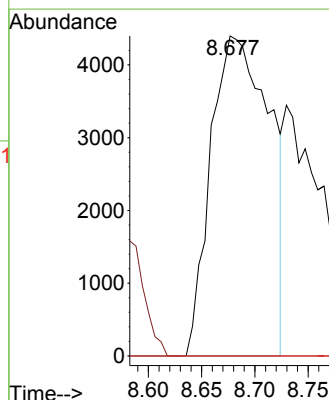
Tgt Ion: 43 Resp: 16892

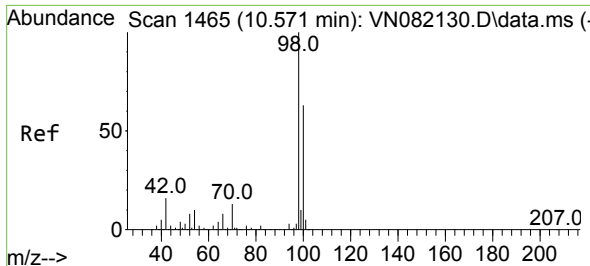
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

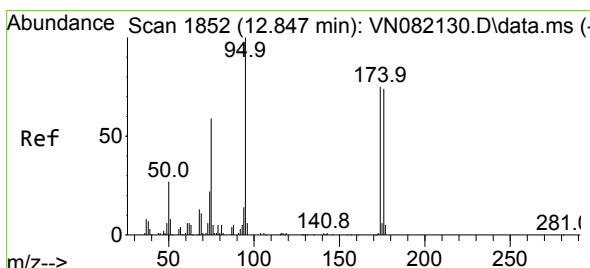
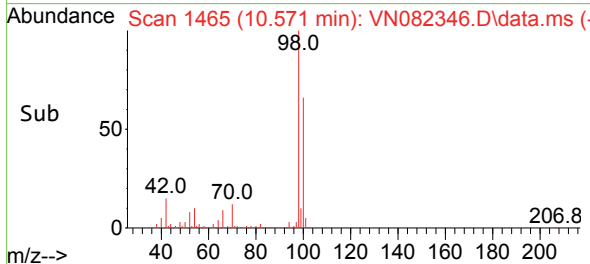
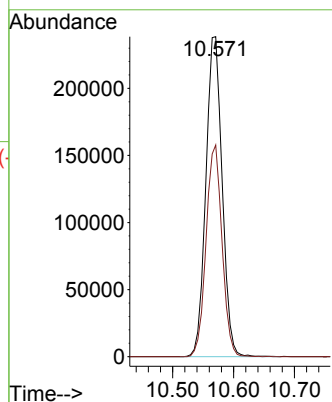
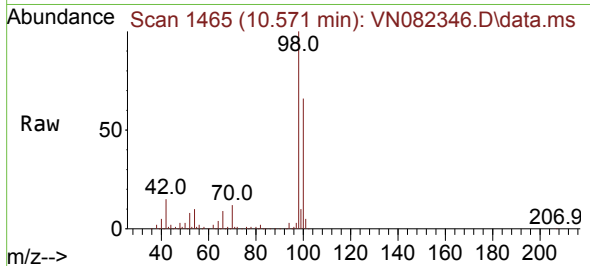




#50
Toluene-d8
Concen: 52.634 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

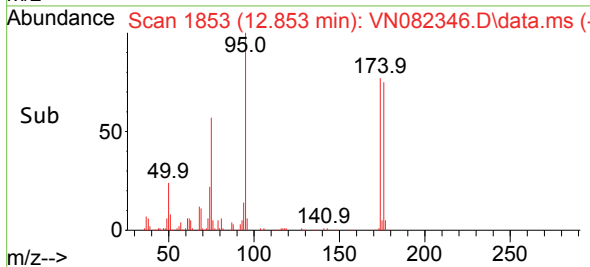
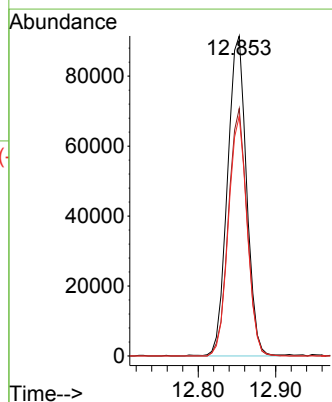
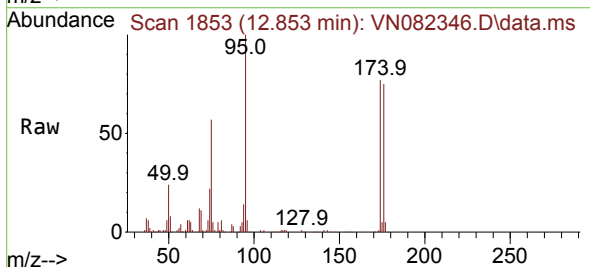
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

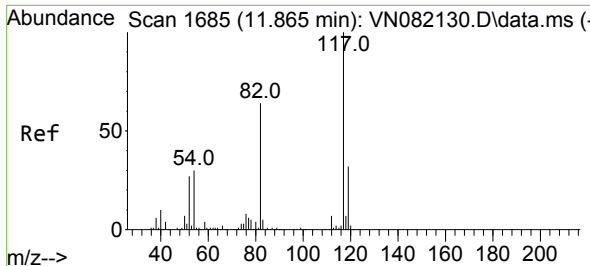
Tgt Ion: 98 Resp: 443984
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.017 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

Tgt Ion: 95 Resp: 156610
Ion Ratio Lower Upper
95 100
174 75.7 0.0 160.6
176 73.3 0.0 152.8

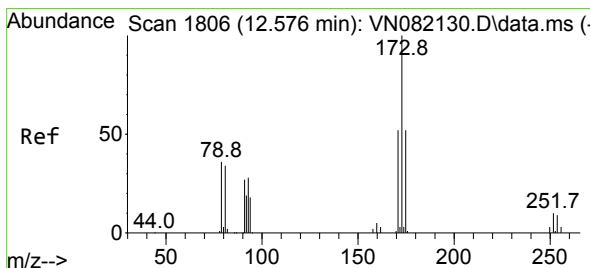
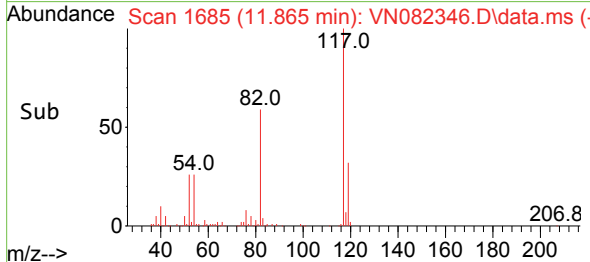
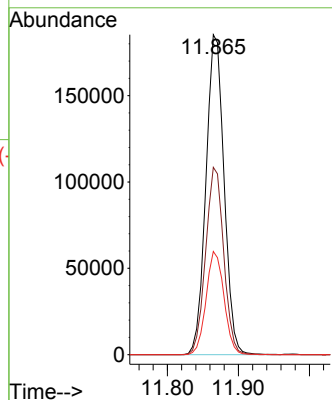
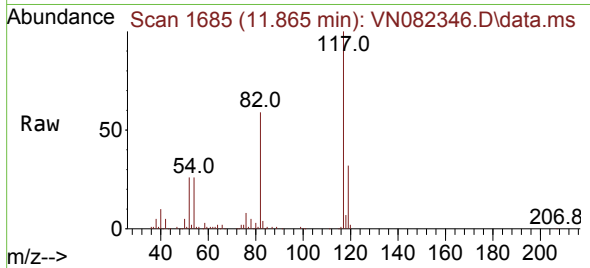




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

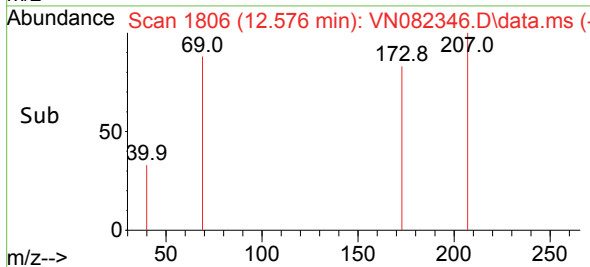
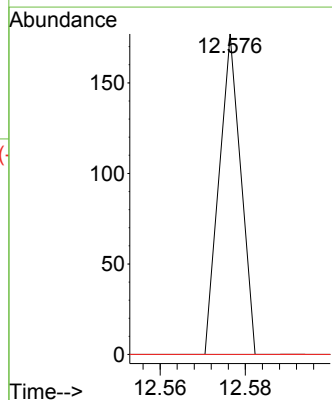
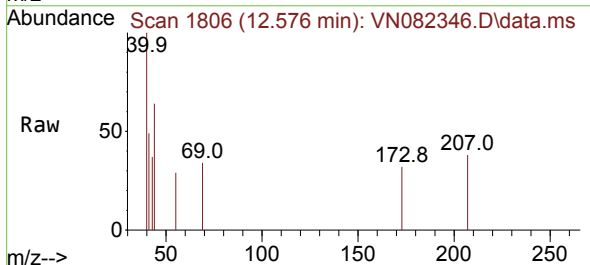
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

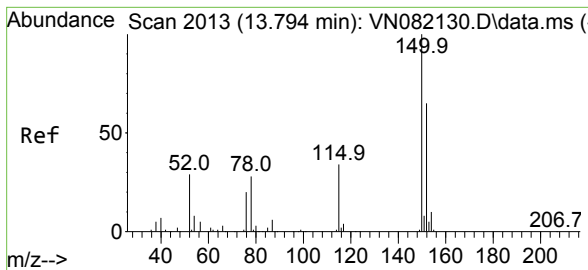
Tgt Ion:117 Resp: 328783
Ion Ratio Lower Upper
117 100
82 58.5 44.6 66.8
119 32.2 25.9 38.9



#71
Bromoform
Concen: 0.733 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082346.D
Acq: 28 May 2024 14:53

Tgt Ion:173 Resp: 62
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

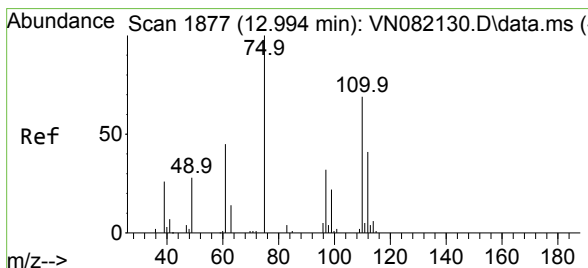
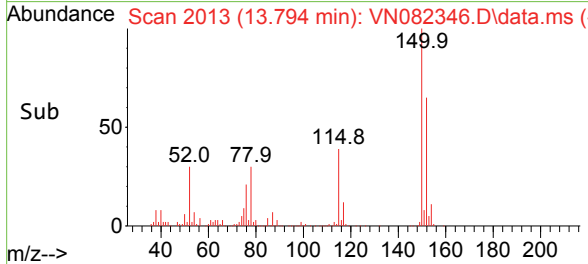
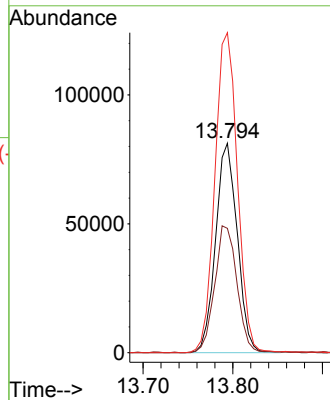
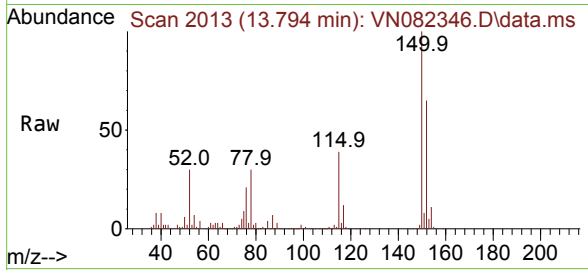




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN082346.D
 Acq: 28 May 2024 14:53

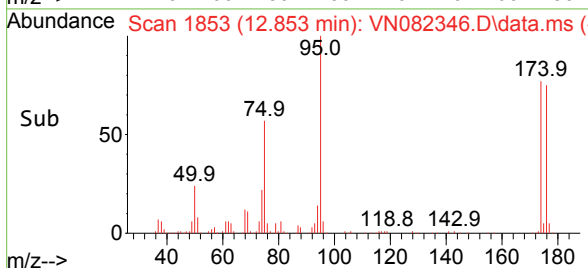
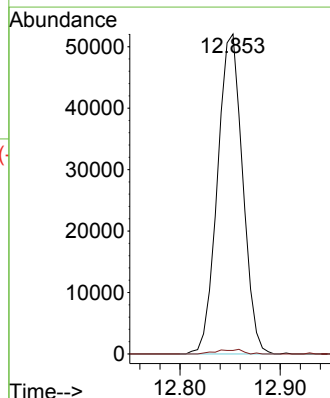
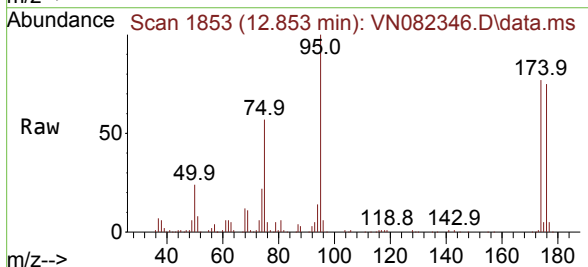
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

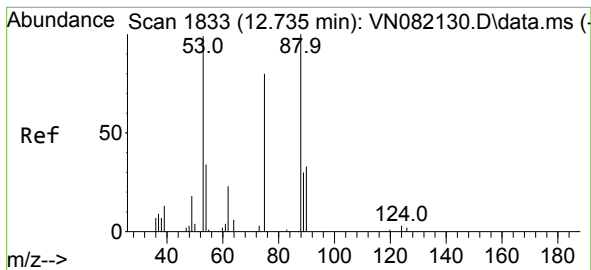
Tgt Ion:152 Resp: 136329
 Ion Ratio Lower Upper
 152 100
 115 62.5 30.4 91.3
 150 158.4 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 31.594 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082346.D
 Acq: 28 May 2024 14:53

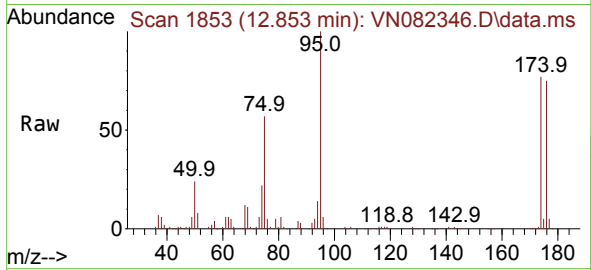
Tgt Ion: 75 Resp: 90656
 Ion Ratio Lower Upper
 75 100
 77 1.5 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.897 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082346.D
 Acq: 28 May 2024 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5



Tgt Ion: 75 Resp: 90656
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.1 39.1 58.7#

