

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082412.D
 Acq On : 31 May 2024 16:46
 Operator : JC\MD
 Sample : P2669-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: May 31 23:00:15 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)

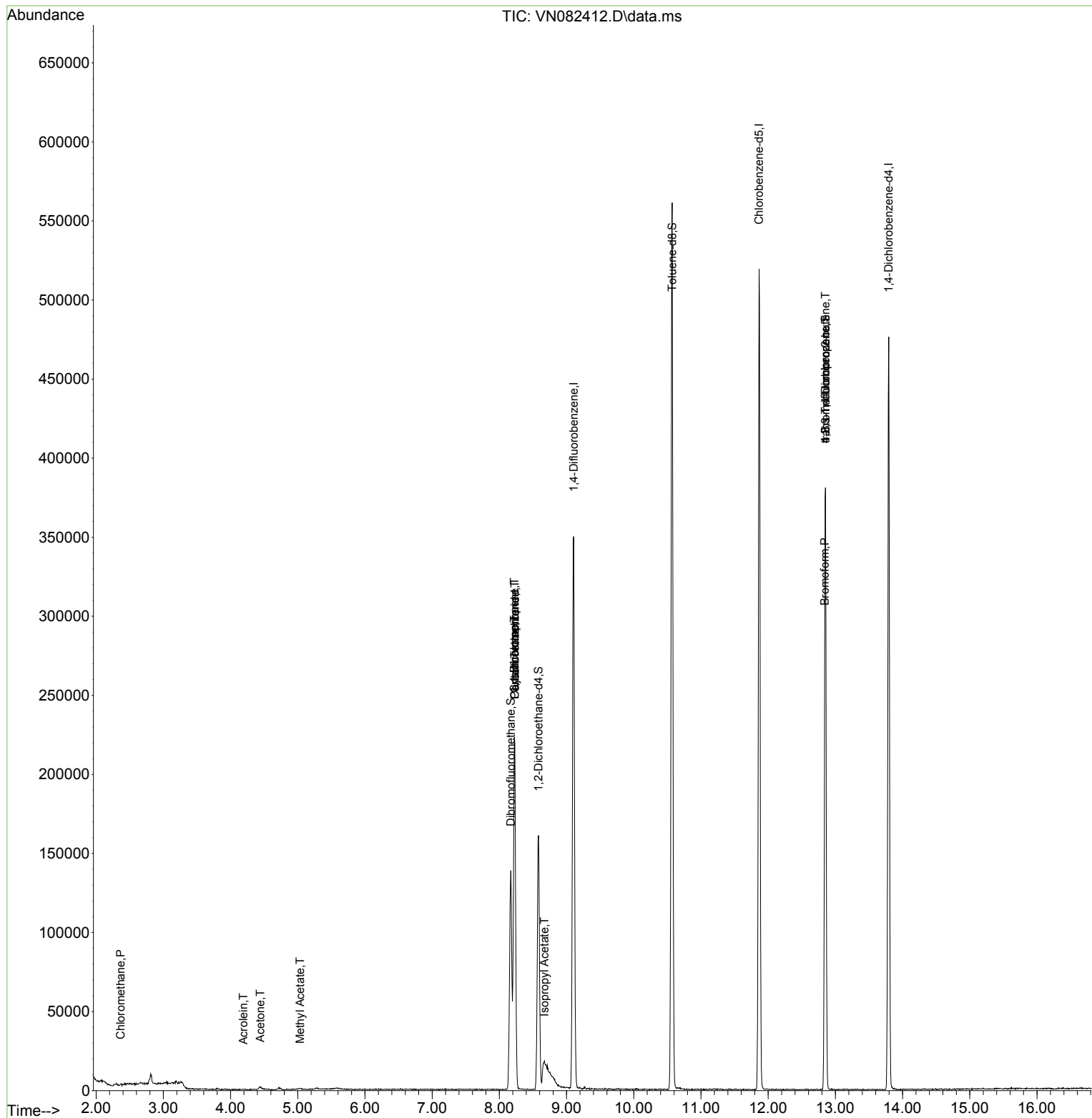
Internal Standards						
1) Pentafluorobenzene	8.230	168	155004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	282077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133089	54.376	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.760%	
35) Dibromofluoromethane	8.171	113	94500	54.460	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.920%	
50) Toluene-d8	10.571	98	360459	54.183	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.360%	
62) 4-Bromofluorobenzene	12.853	95	123137	51.858	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	701	0.277	ug/l #	68
13) Acrolein	4.189	56	59	0.203	ug/l #	15
16) Acetone	4.442	43	3289	3.276	ug/l #	80
18) Methyl Acetate	5.036	43	1003	0.401	ug/l #	47
31) Cyclohexane	8.224	56	4585	1.173	ug/l #	48
36) 1,1-Dichloropropene	8.224	75	14607	5.019	ug/l #	49
38) Carbon Tetrachloride	8.230	117	17744	6.015	ug/l #	17
43) Isopropyl Acetate	8.671	43	40343	6.991	ug/l #	52
71) Bromoform	12.841	173	549	1.047	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	72860	29.415	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	72860	68.801	ug/l #	12

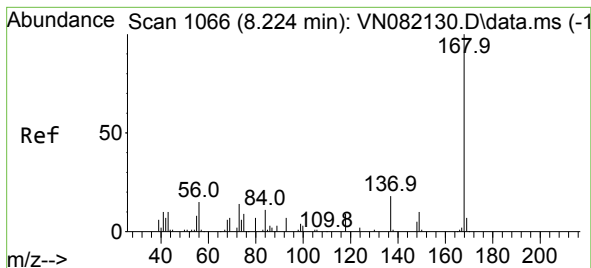
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 31 23:00:15 2024
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082412.D

Acq: 31 May 2024 16:46

Instrument :

MSVOA_N

ClientSampleId :

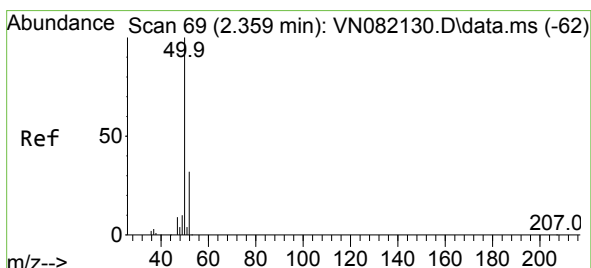
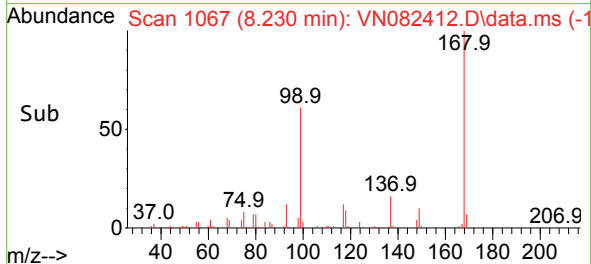
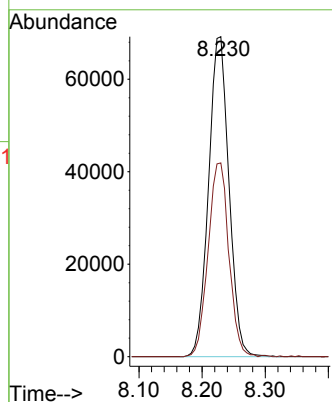
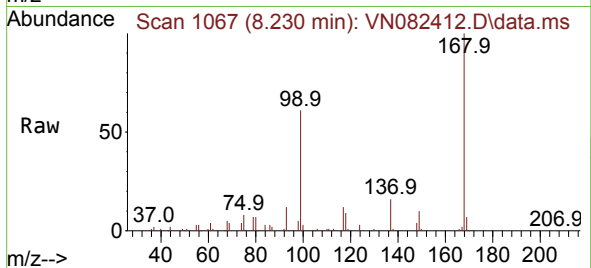
Storage-Blank-WATER-REF-4

Tgt Ion:168 Resp: 155004

Ion Ratio Lower Upper

168 100

99 60.5 48.2 72.4



#3

Chloromethane

Concen: 0.277 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082412.D

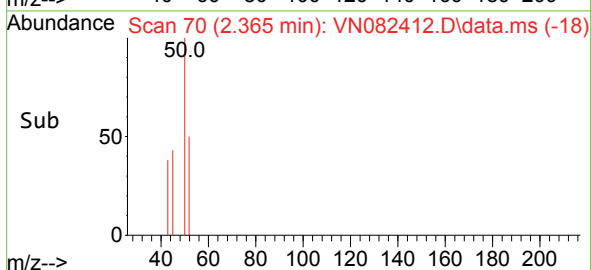
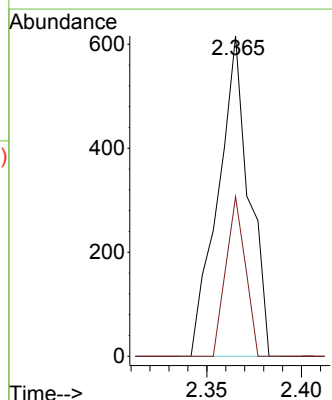
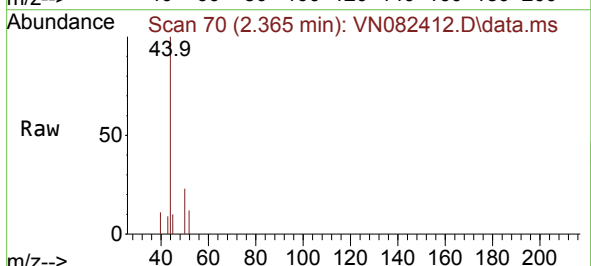
Acq: 31 May 2024 16:46

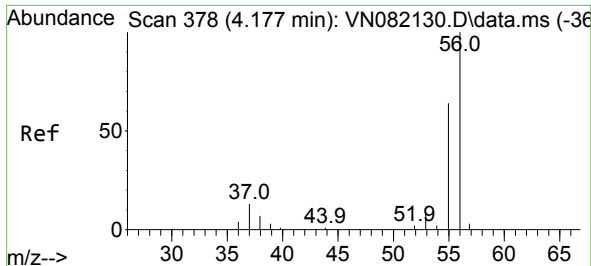
Tgt Ion: 50 Resp: 701

Ion Ratio Lower Upper

50 100

52 49.8 25.5 38.3#

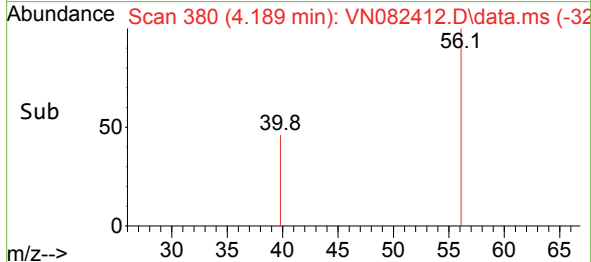
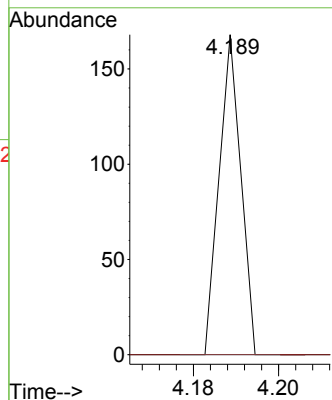
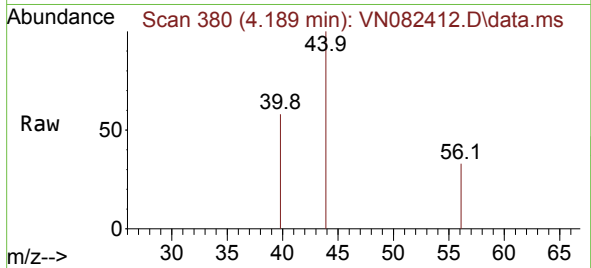




#13
Acrolein
Concen: 0.203 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

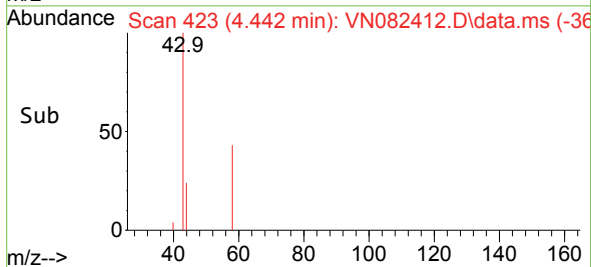
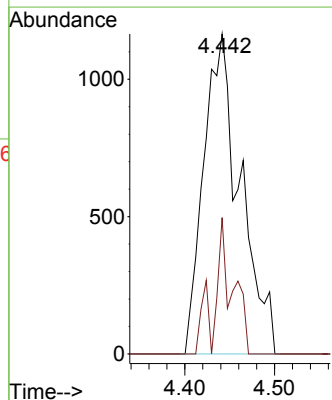
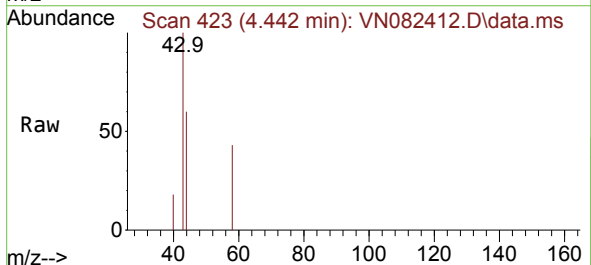
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#



#16
Acetone
Concen: 3.276 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

Tgt Ion: 43 Resp: 3289
Ion Ratio Lower Upper
43 100
58 42.6 25.2 37.8#

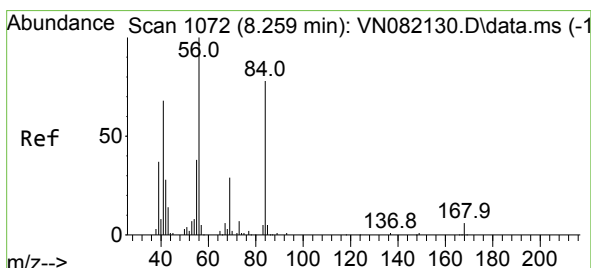
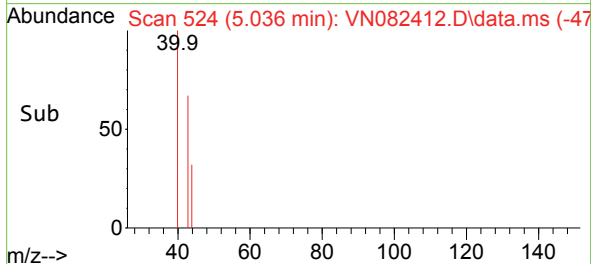
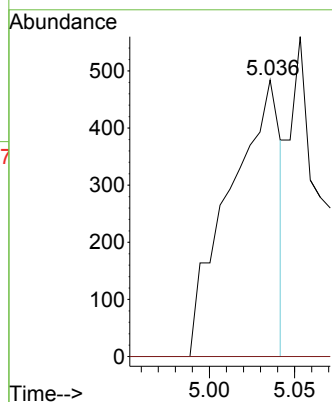
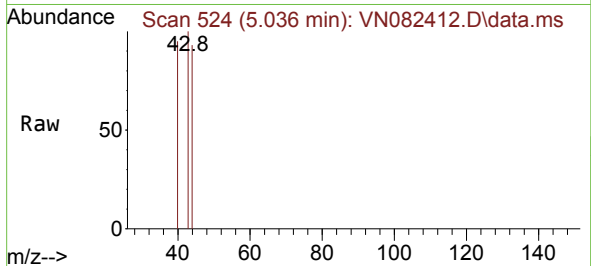




#18
Methyl Acetate
Concen: 0.401 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

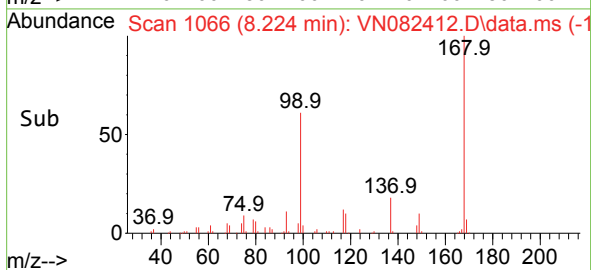
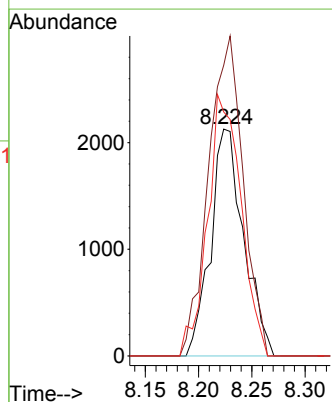
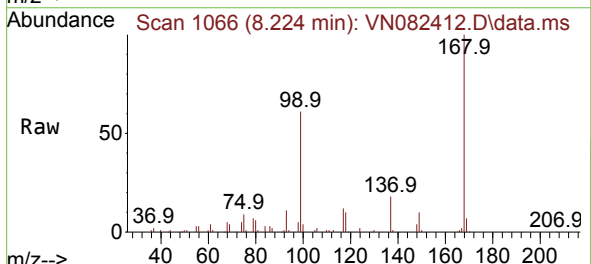
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#31
Cyclohexane
Concen: 1.173 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

Tgt Ion: 56 Resp: 4585
Ion Ratio Lower Upper
56 100
69 128.1 24.4 36.6#
84 107.6 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 54.376 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082412.D

Acq: 31 May 2024 16:46

Instrument :

MSVOA_N

ClientSampleId :

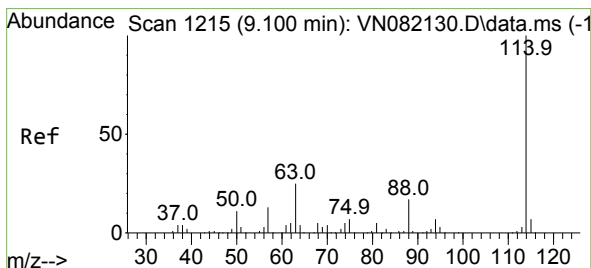
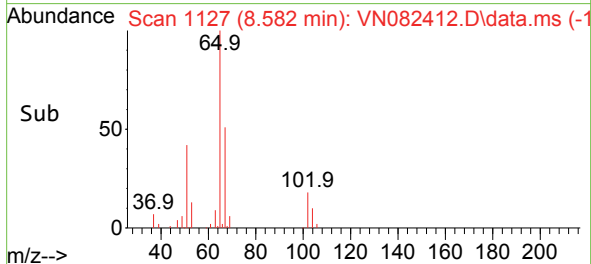
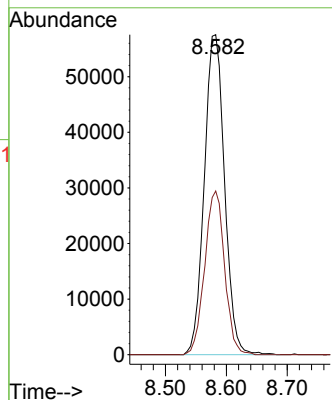
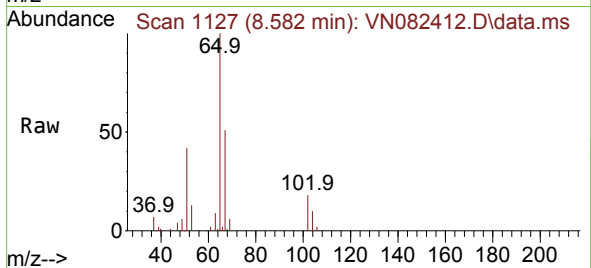
Storage-Blank-WATER-REF-4

Tgt Ion: 65 Resp: 133089

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082412.D

Acq: 31 May 2024 16:46

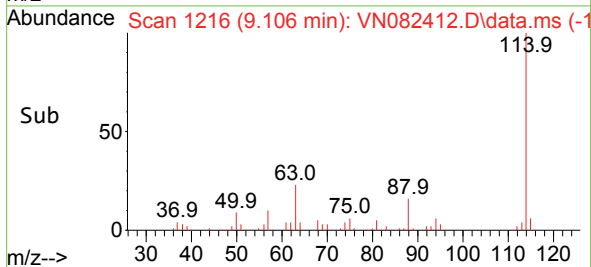
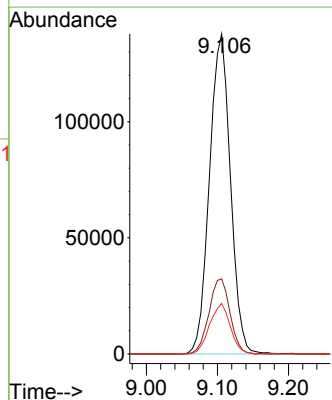
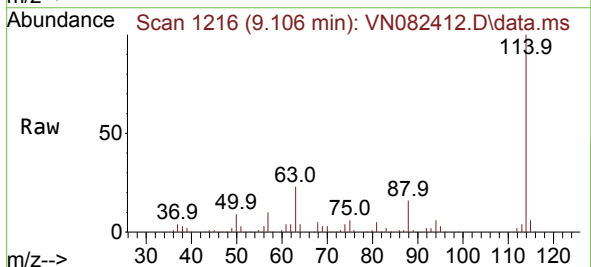
Tgt Ion: 114 Resp: 282077

Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.0

88 15.8 0.0 31.4

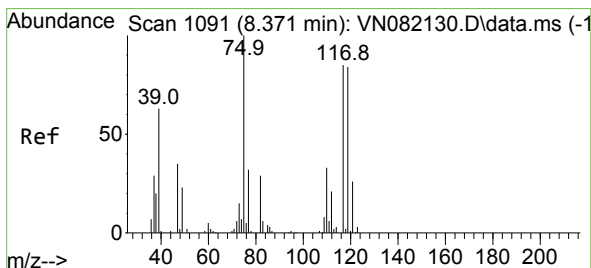
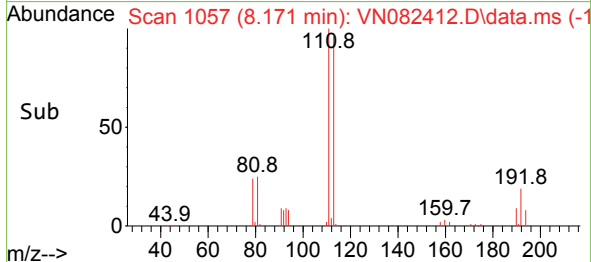
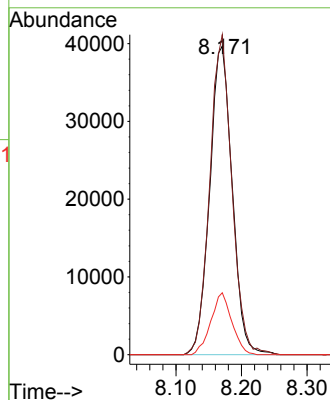
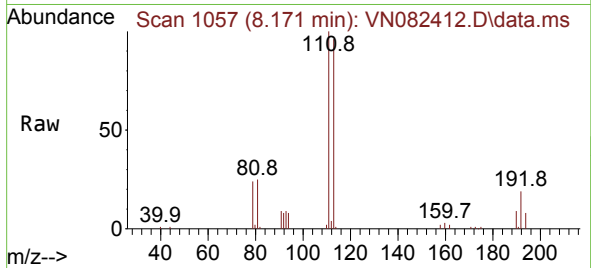




#35
Dibromofluoromethane
Concen: 54.460 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

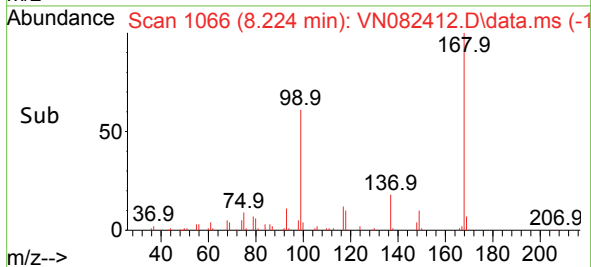
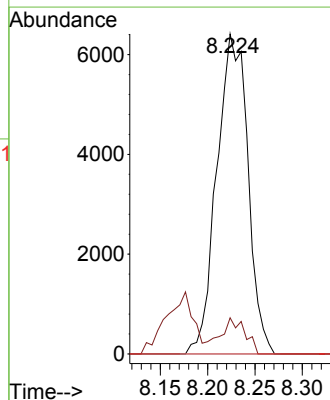
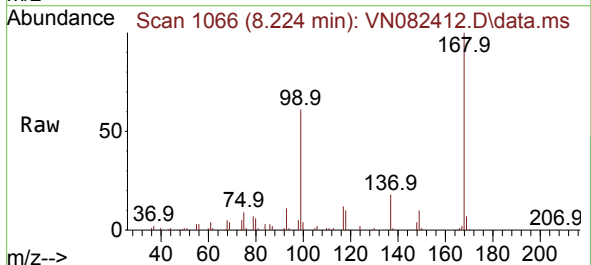
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

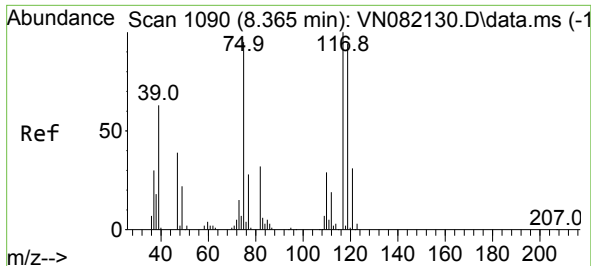
Tgt Ion:113 Resp: 94500
Ion Ratio Lower Upper
113 100
111 101.9 83.4 125.2
192 18.8 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.019 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

Tgt Ion: 75 Resp: 14607
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.0 25.0 37.4#

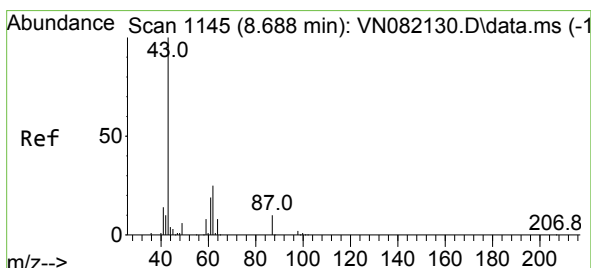
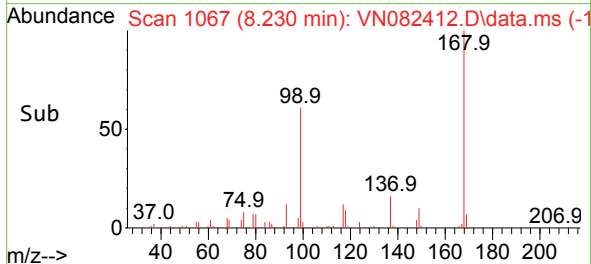
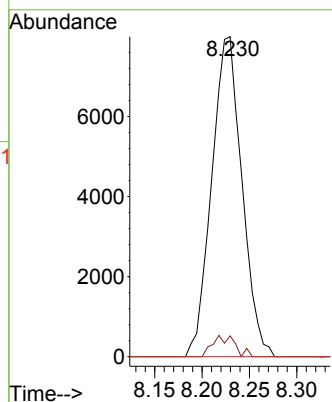
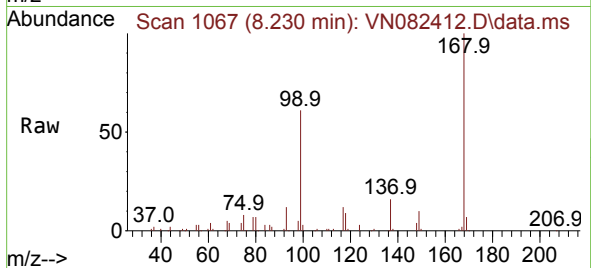




#38
Carbon Tetrachloride
Concen: 6.015 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

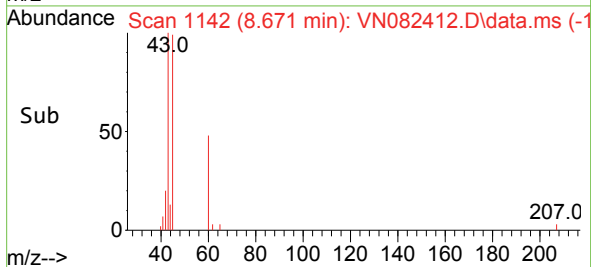
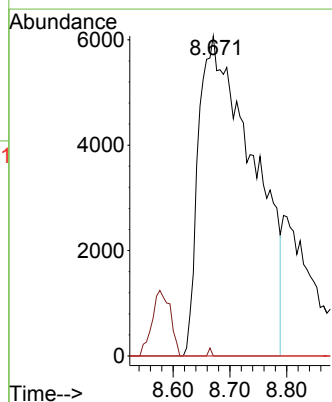
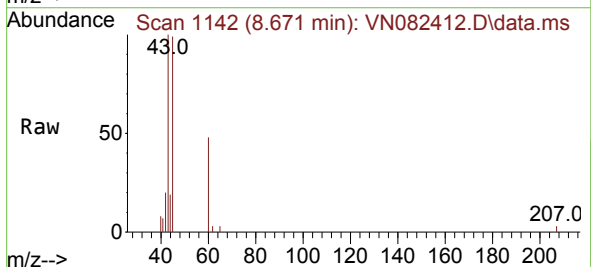
Instrument :
MSVOA_N
ClientSampleId :
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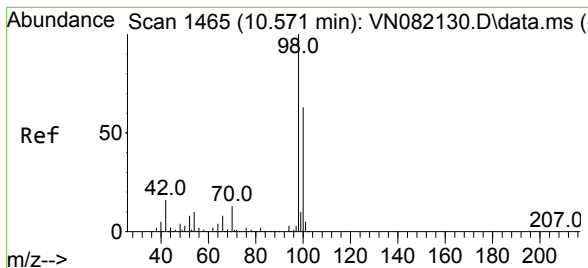
Tgt Ion:117 Resp: 17744
Ion Ratio Lower Upper
117 100
119 6.5 76.5 114.7#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 6.991 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.018 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

Tgt Ion: 43 Resp: 40343
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#

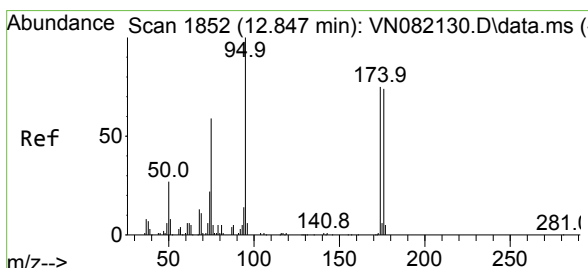
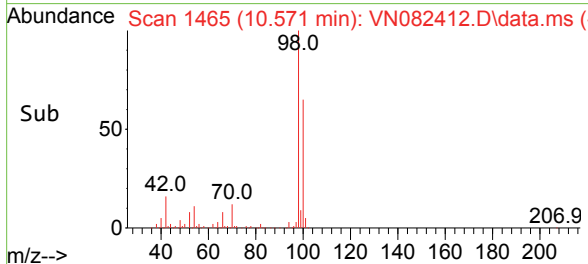
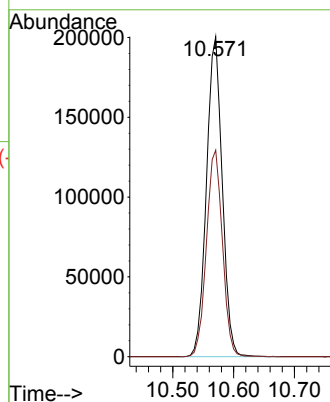
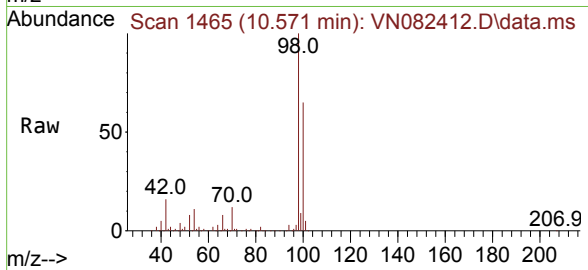




#50
Toluene-d8
Concen: 54.183 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

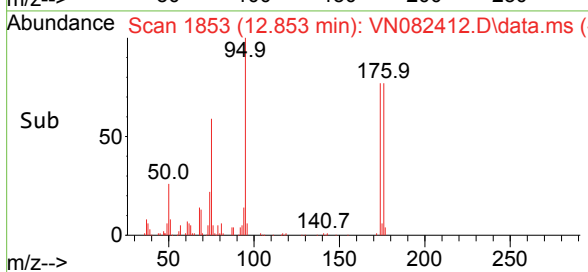
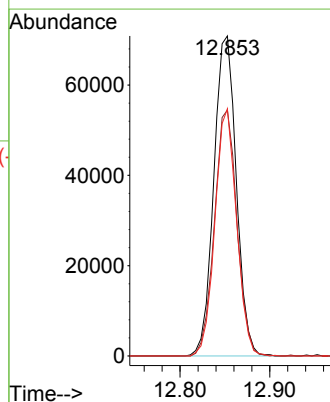
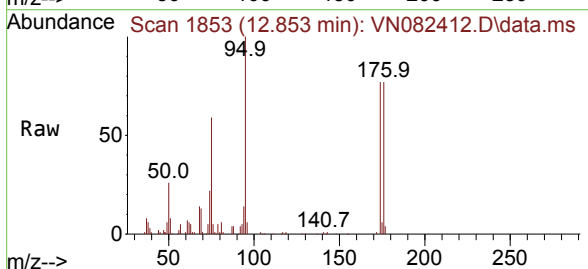
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

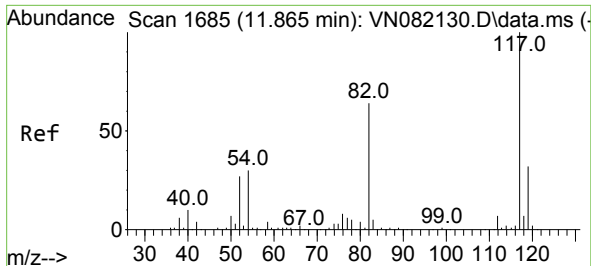
Tgt Ion: 98 Resp: 360459
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.858 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

Tgt Ion: 95 Resp: 123137
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.6
176 74.1 0.0 152.8

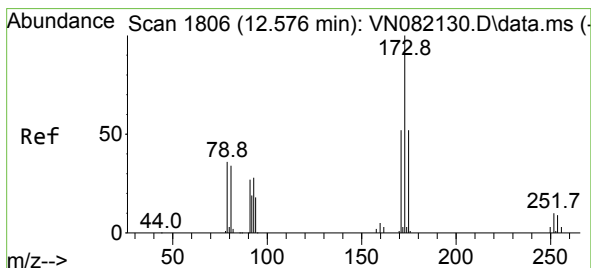
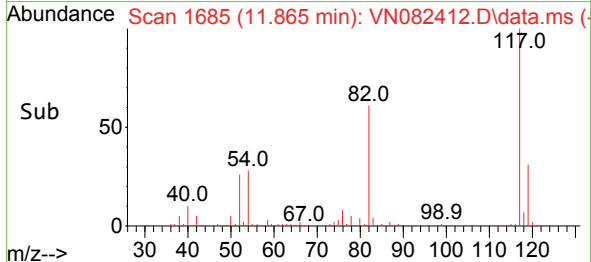
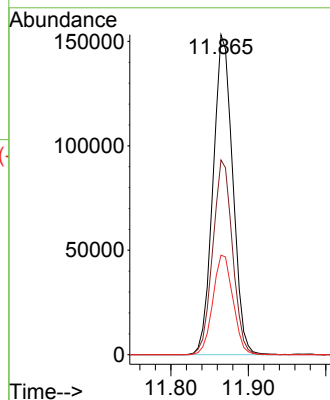
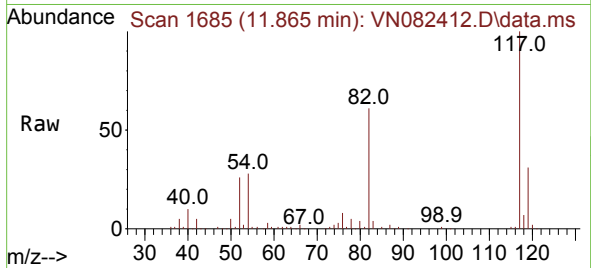




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

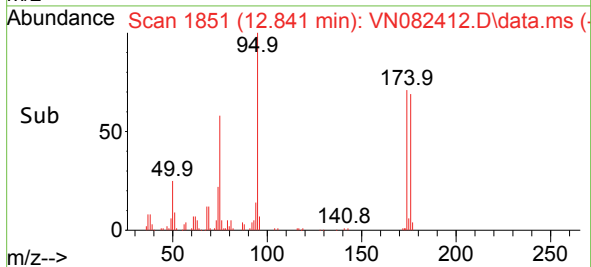
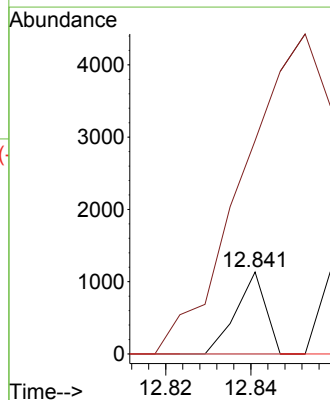
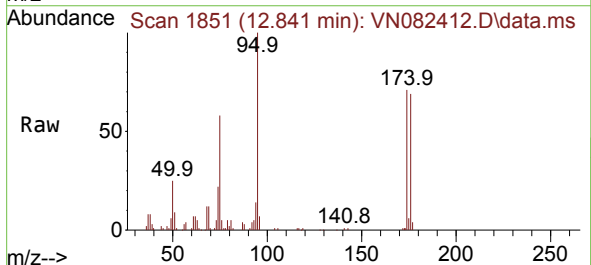
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

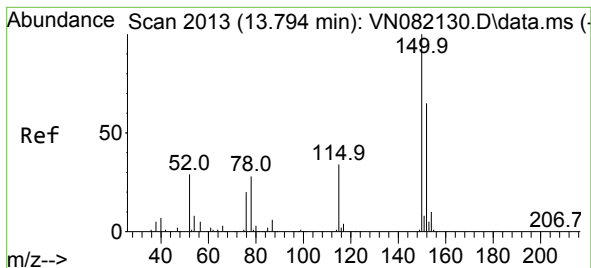
Tgt Ion:117 Resp: 270348
Ion Ratio Lower Upper
117 100
82 60.9 44.6 66.8
119 31.1 25.9 38.9



#71
Bromoform
Concen: 1.047 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

Tgt Ion:173 Resp: 549
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

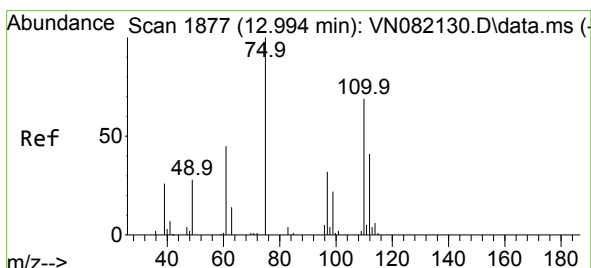
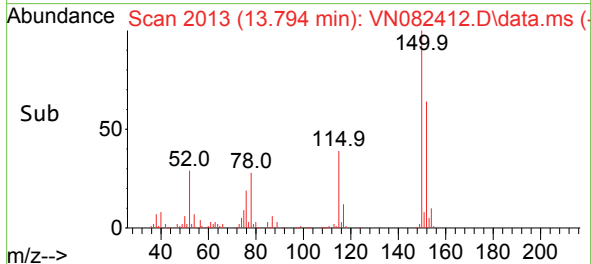
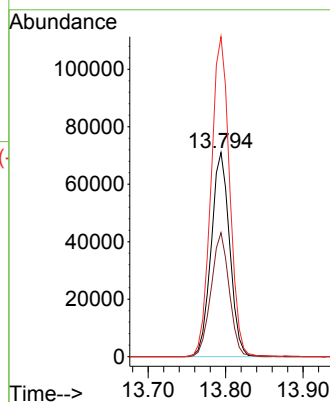
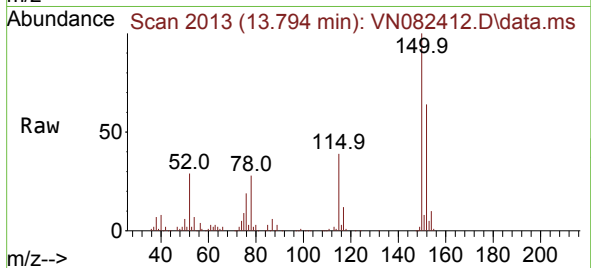




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

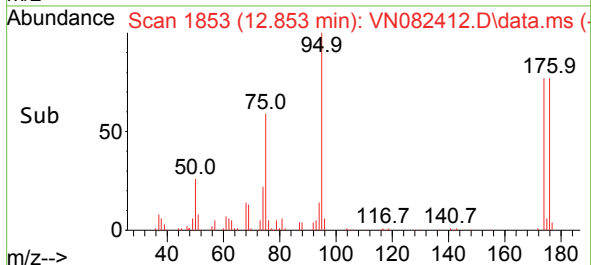
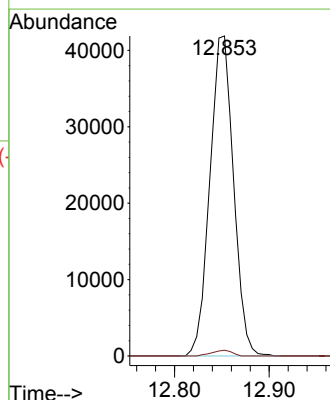
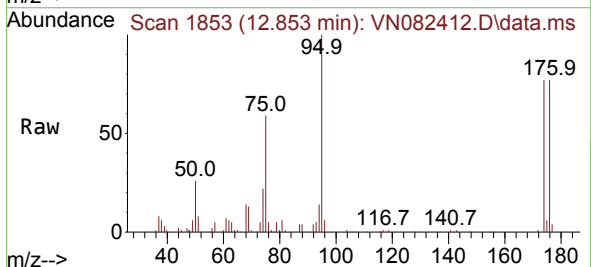
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

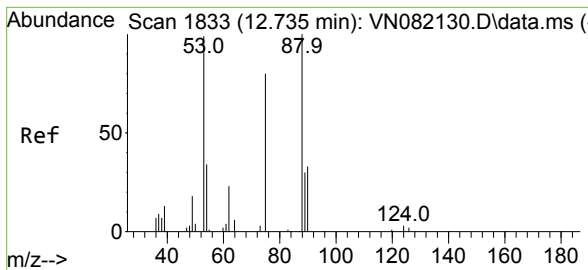
Tgt Ion:152 Resp: 117684
Ion Ratio Lower Upper
152 100
115 59.7 30.4 91.3
150 157.5 0.0 353.2



#76
1,2,3-Trichloropropane
Concen: 29.415 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082412.D
Acq: 31 May 2024 16:46

Tgt Ion: 75 Resp: 72860
Ion Ratio Lower Upper
75 100
77 1.5 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.801 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082412.D
 Acq: 31 May 2024 16:46

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

Tgt Ion: 75 Resp: 72860
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

