

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070399.D
 Acq On : 30 Dec 2021 15:07
 Operator : JC/MD
 Sample : M5177-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Dec 31 05:19:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

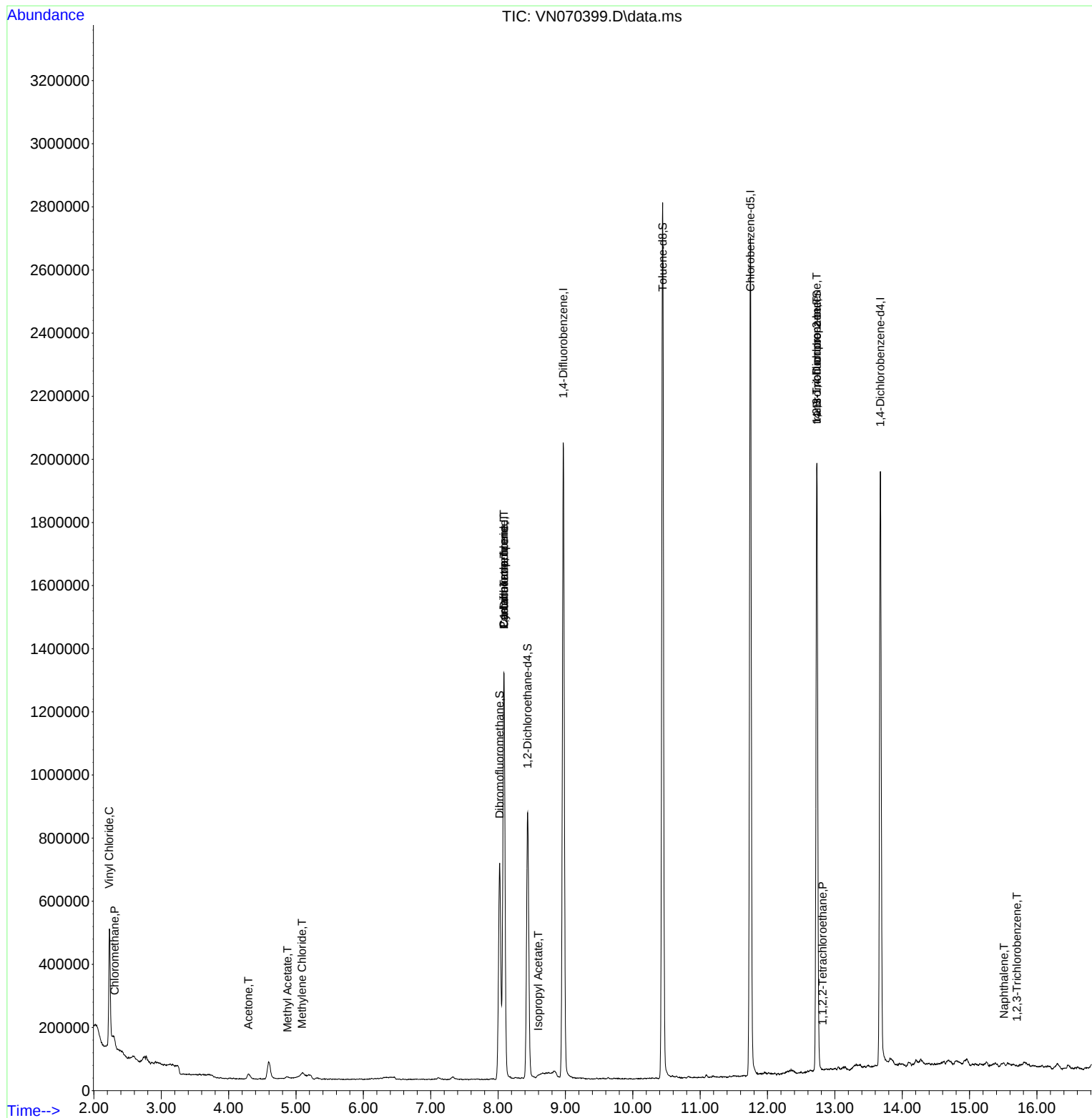
Internal Standards						
1) Pentafluorobenzene	8.088	168	973933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1686960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1519012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	513732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	714987	51.058	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 102.120%		
35) Dibromofluoromethane	8.024	113	499968	48.983	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 97.960%		
50) Toluene-d8	10.443	98	1928675	46.255	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 92.520%		
62) 4-Bromofluorobenzene	12.733	95	703460	46.711	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 93.420%		
Target Compounds						
						Qvalue
3) Chloromethane	2.309	50	4529	0.301	ug/l	93
4) Vinyl Chloride	2.228	62	4626	0.338	ug/l #	1
16) Acetone	4.293	43	26798	2.948	ug/l	97
18) Methyl Acetate	4.873	43	8631	0.328	ug/l #	65
20) Methylene Chloride	5.090	84	3906	0.311	ug/l	90
31) Cyclohexane	8.086	56	22776	1.031	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	82066	4.860	ug/l #	49
38) Carbon Tetrachloride	8.086	117	94700	5.873	ug/l #	16
43) Isopropyl Acetate	8.598	43	7087	0.205	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.817	83	131	0.455	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	374475	26.010	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	374475	89.058	ug/l #	5
95) Naphthalene	15.509	128	12896	2.328	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.702	180	1336	0.988	ug/l	85

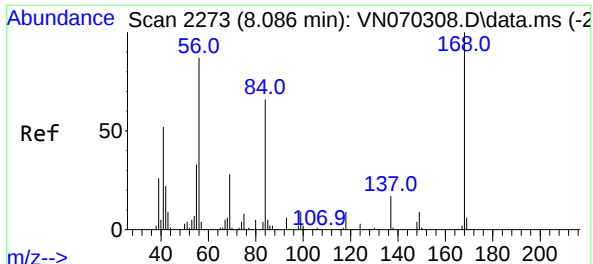
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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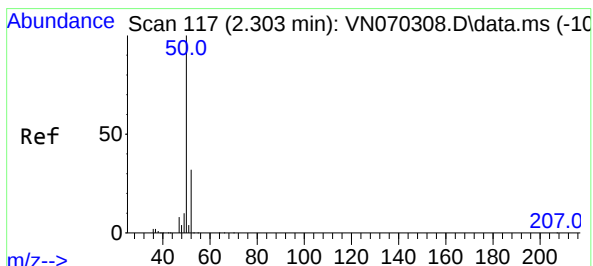
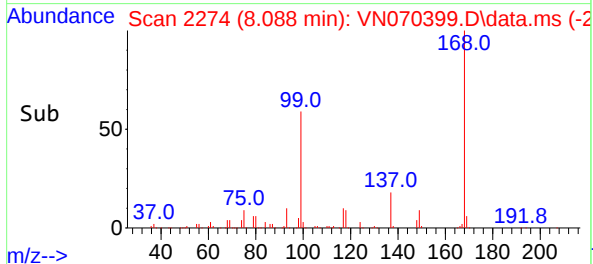
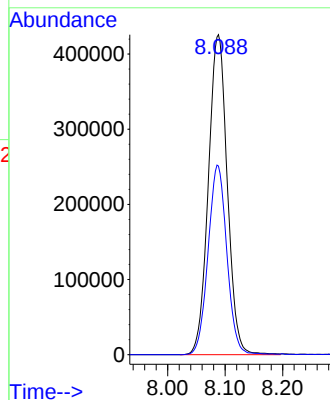
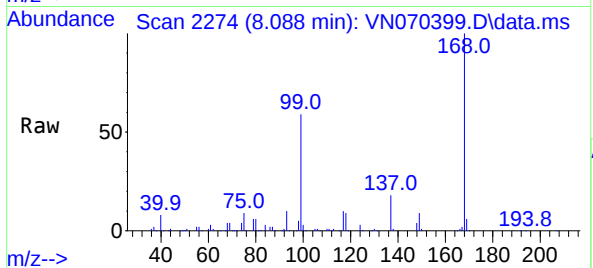




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

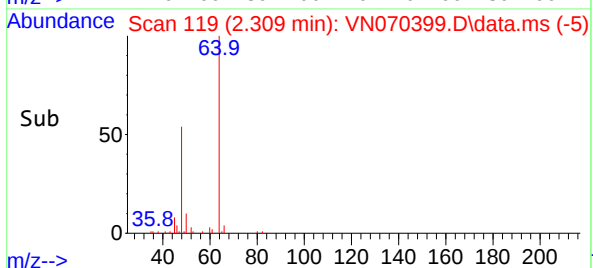
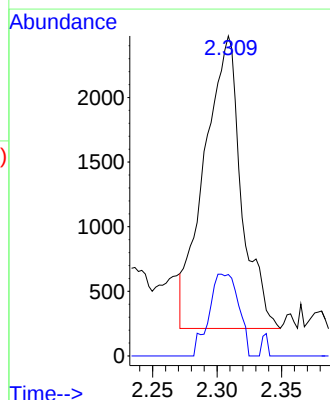
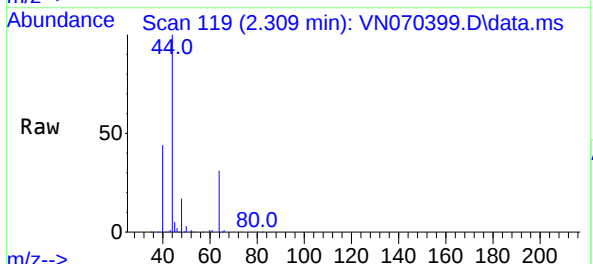
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

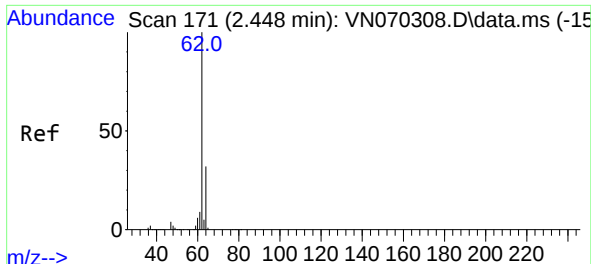
Tgt Ion:168 Resp: 973933
Ion Ratio Lower Upper
168 100
99 59.0 41.3 61.9



#3
Chloromethane
Concen: 0.301 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

Tgt Ion: 50 Resp: 4529
Ion Ratio Lower Upper
50 100
52 27.9 25.4 38.0

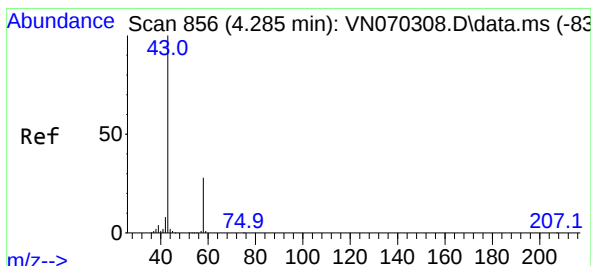
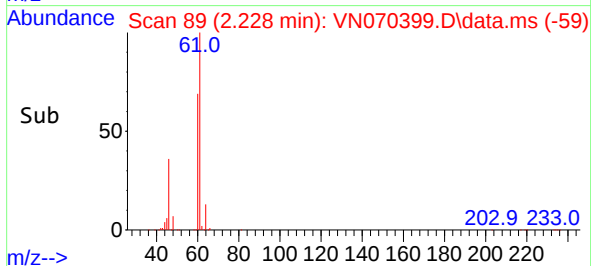
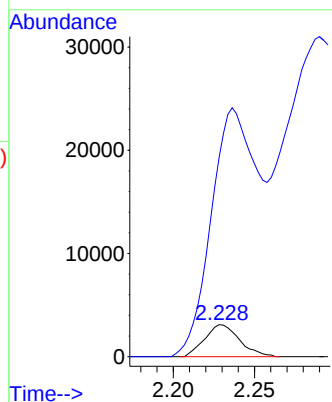
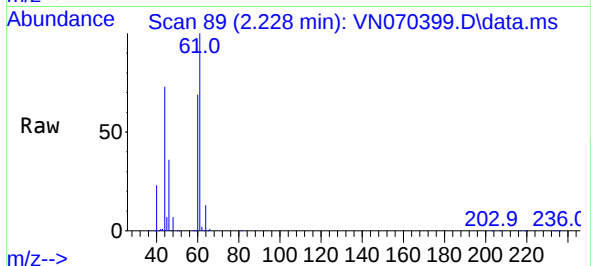




#4
Vinyl Chloride
Concen: 0.338 ug/l
RT: 2.228 min Scan# 89
Delta R.T. -0.220 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

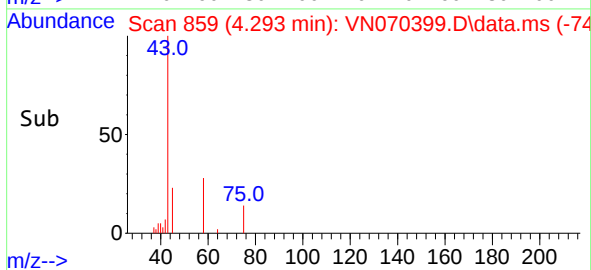
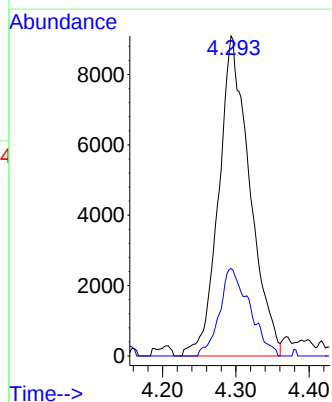
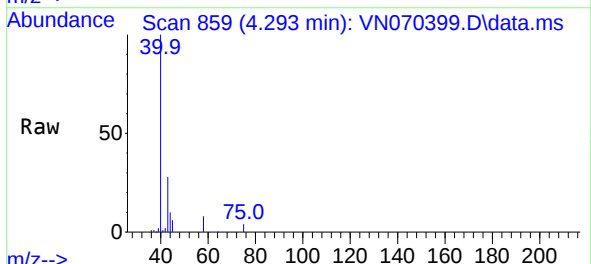
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

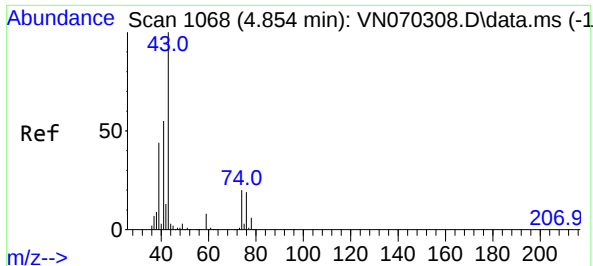
Tgt Ion: 62 Resp: 4626
Ion Ratio Lower Upper
62 100
64 602.4 25.8 38.6#



#16
Acetone
Concen: 2.948 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

Tgt Ion: 43 Resp: 26798
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7





#18

Methyl Acetate

Concen: 0.328 ug/l

RT: 4.873 min Scan# 1

Delta R.T. 0.019 min

Lab File: VN070399.D

Acq: 30 Dec 2021 15:07

Instrument :

MSVOA_N

ClientSampleId :

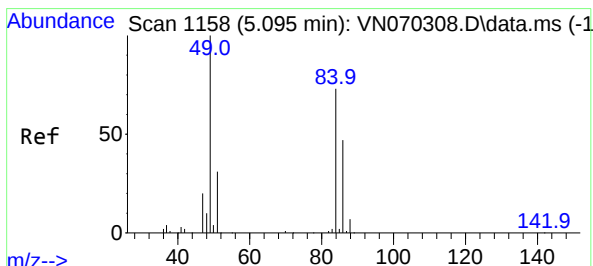
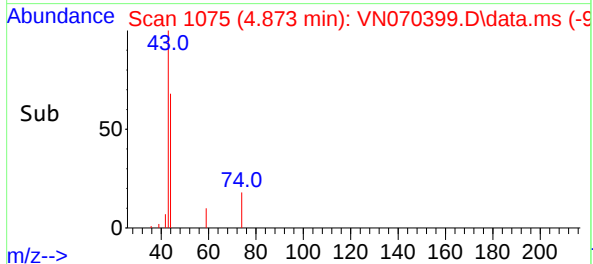
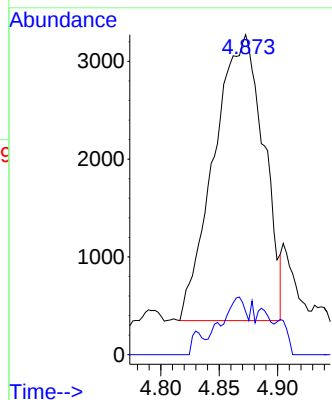
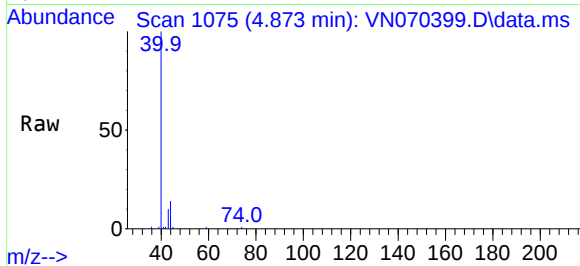
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 8631

Ion Ratio Lower Upper

43 100

74 6.9 19.4 29.2#



#20

Methylene Chloride

Concen: 0.311 ug/l

RT: 5.090 min Scan# 1156

Delta R.T. -0.005 min

Lab File: VN070399.D

Acq: 30 Dec 2021 15:07

Tgt Ion: 84 Resp: 3906

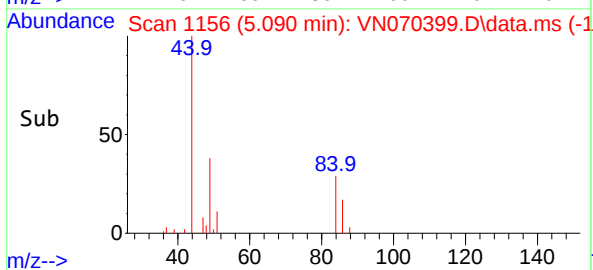
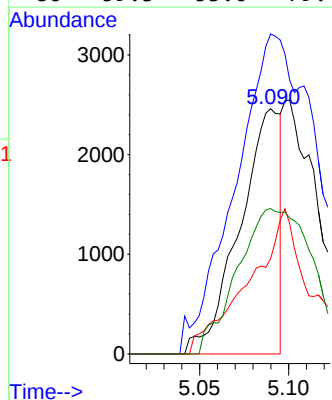
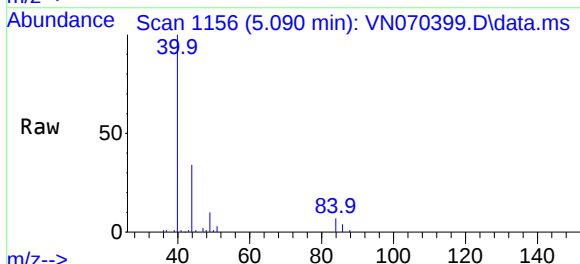
Ion Ratio Lower Upper

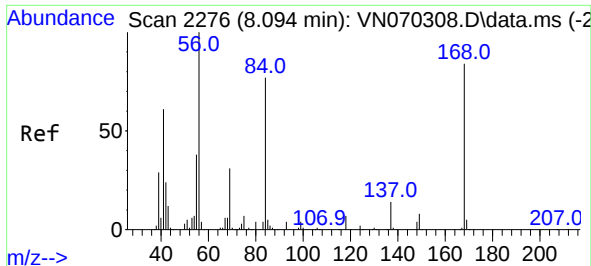
84 100

49 130.4 93.5 140.3

51 38.8 29.4 44.2

86 59.3 53.0 79.4

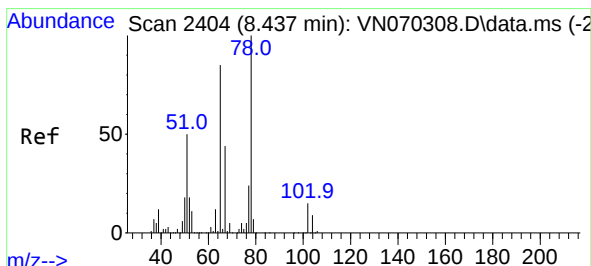
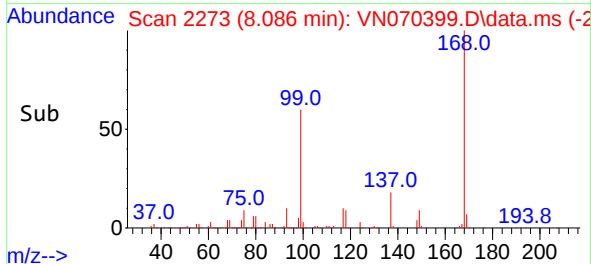
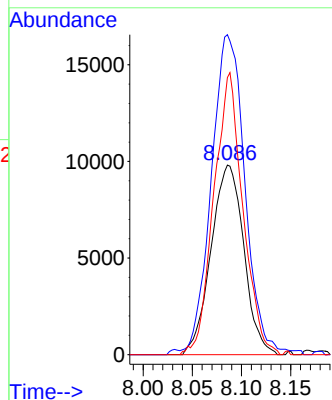
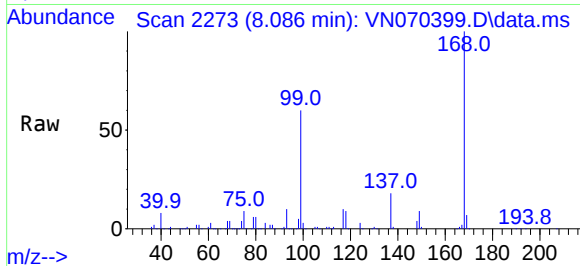




#31
Cyclohexane
Concen: 1.031 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

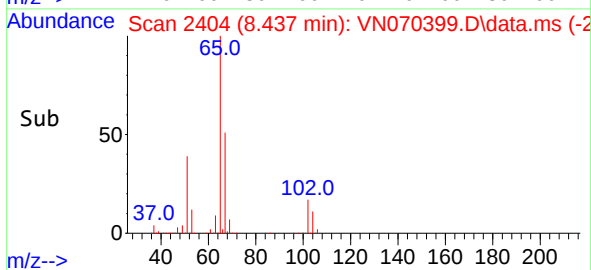
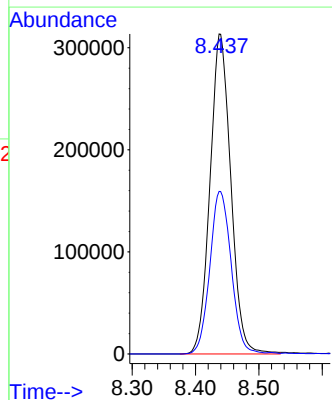
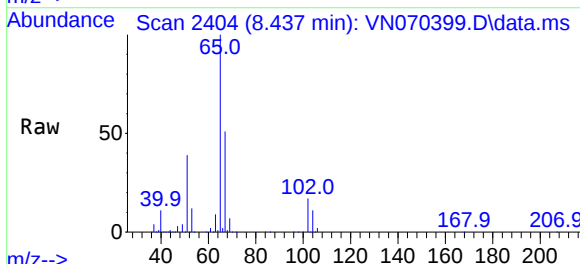
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

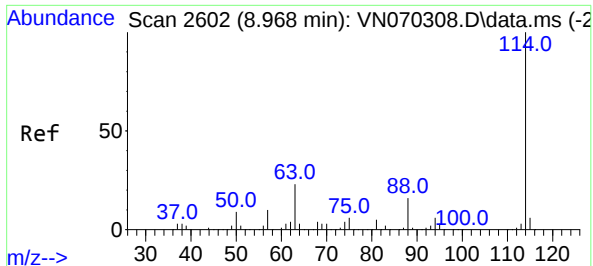
Tgt Ion: 56 Resp: 22776
Ion Ratio Lower Upper
56 100
69 166.6 27.1 40.7#
84 146.1 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 51.058 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

Tgt Ion: 65 Resp: 714987
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN070399.D

Acq: 30 Dec 2021 15:07

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

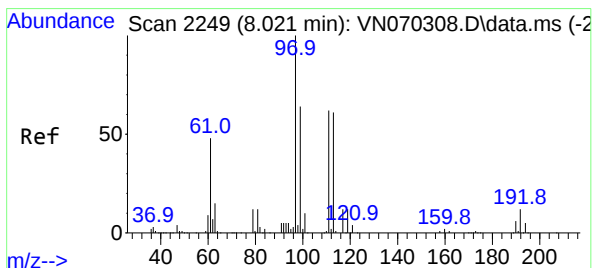
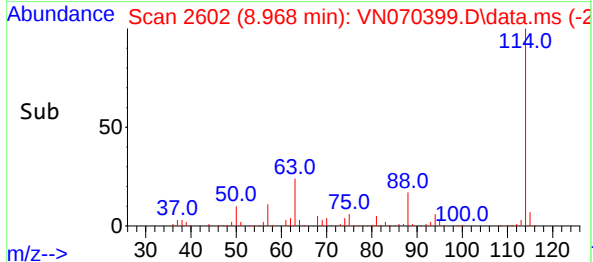
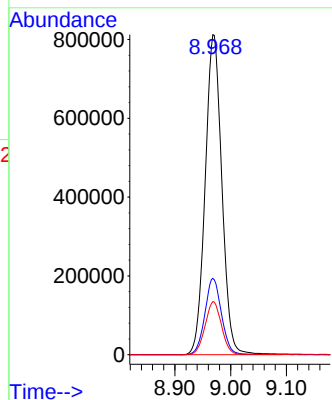
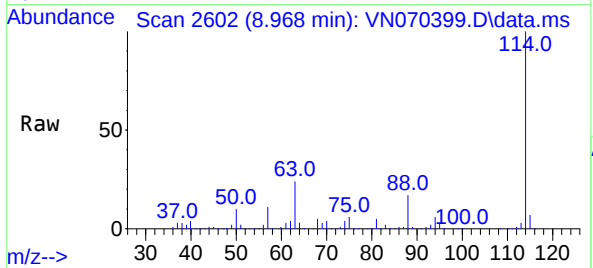
Tgt Ion:114 Resp: 1686960

Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

88 16.6 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.983 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VN070399.D

Acq: 30 Dec 2021 15:07

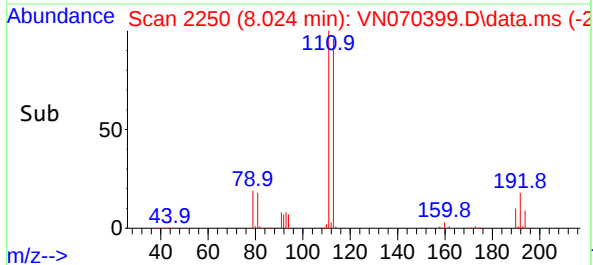
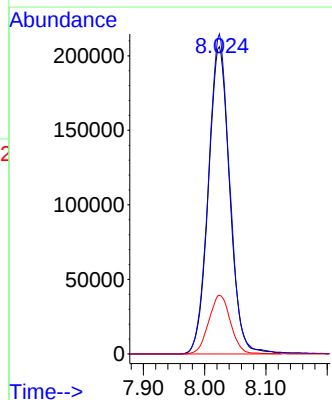
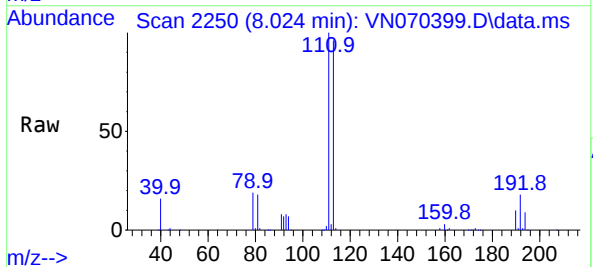
Tgt Ion:113 Resp: 499968

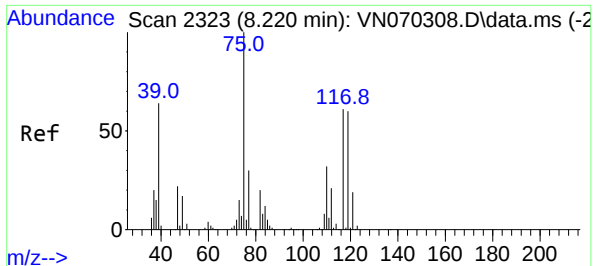
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

192 19.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.860 ug/l

RT: 8.088 min Scan# 21

Delta R.T. -0.132 min

Lab File: VN070399.D

Acq: 30 Dec 2021 15:07

Instrument :

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STORAGE-BLANK-WATER-REF-4

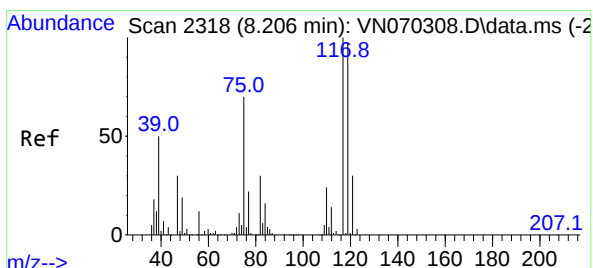
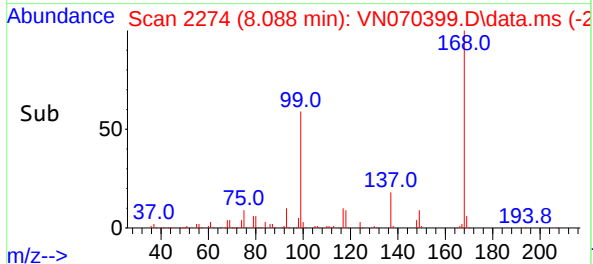
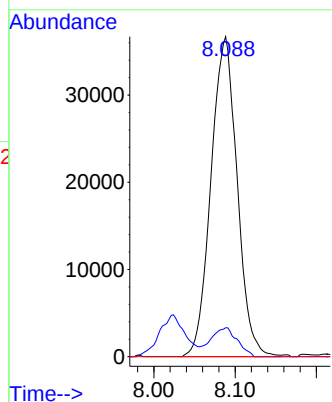
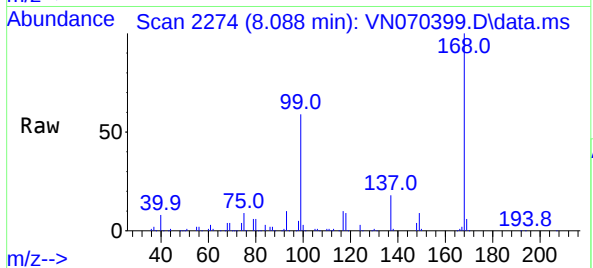
Tgt Ion: 75 Resp: 82066

Ion Ratio Lower Upper

75 100

110 9.0 18.4 55.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.873 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.120 min

Lab File: VN070399.D

Acq: 30 Dec 2021 15:07

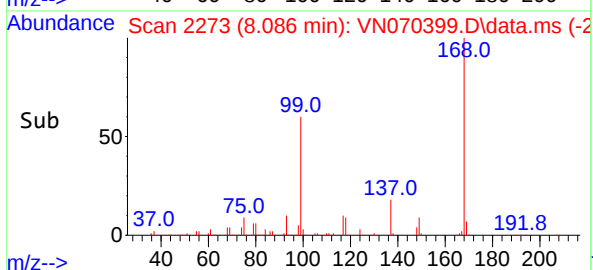
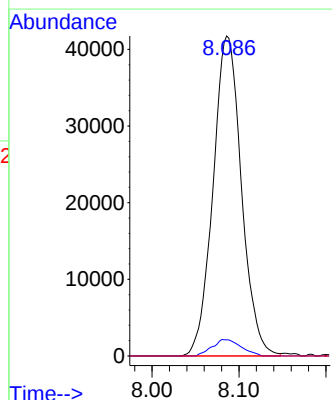
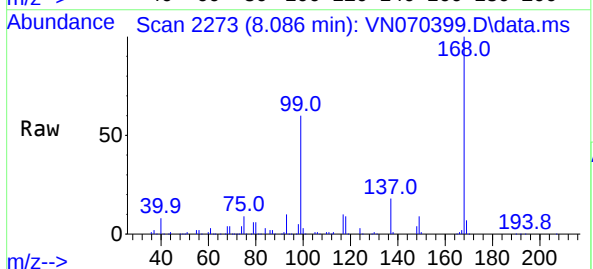
Tgt Ion: 117 Resp: 94700

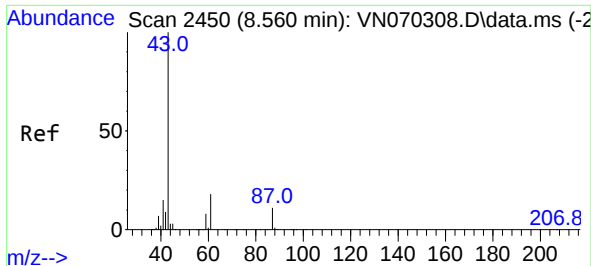
Ion Ratio Lower Upper

117 100

119 5.0 76.1 114.1#

121 0.0 24.2 36.2#

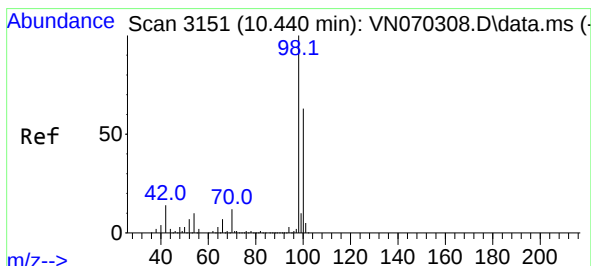
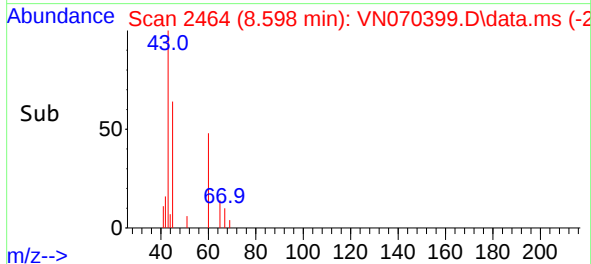
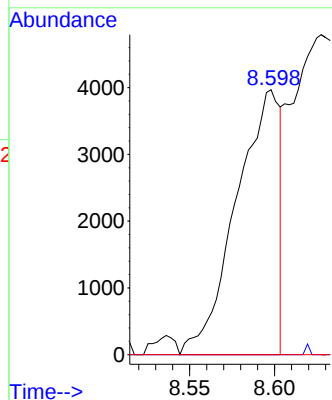
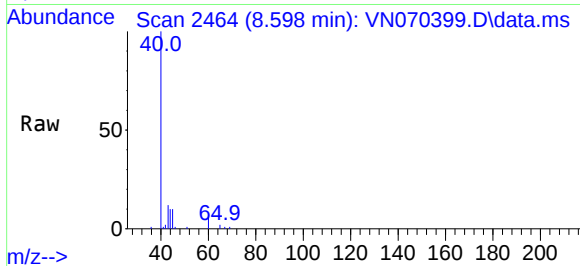




#43
Isopropyl Acetate
Concen: 0.205 ug/l
RT: 8.598 min Scan# 2450
Delta R.T. 0.038 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

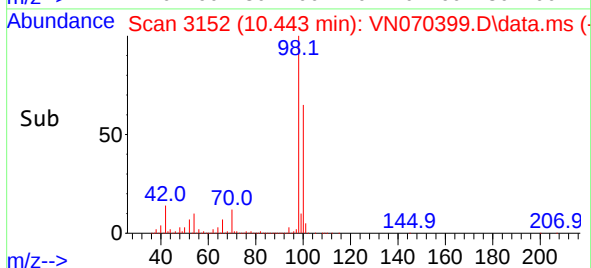
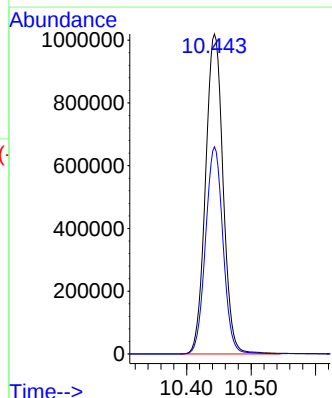
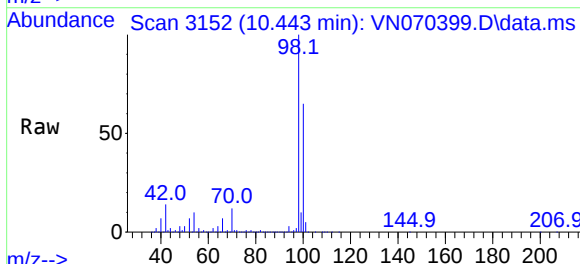
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

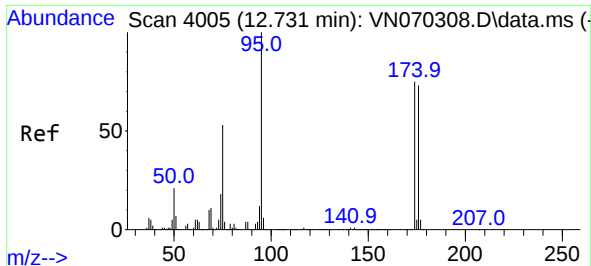
Tgt Ion: 43 Resp: 7087
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 46.255 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

Tgt Ion: 98 Resp: 1928675
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

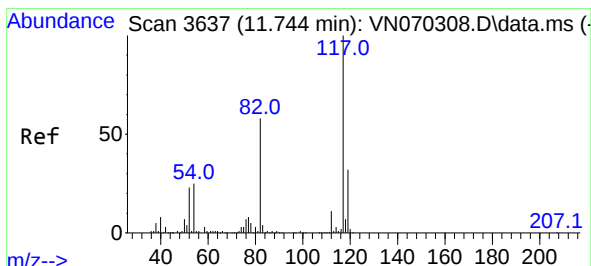
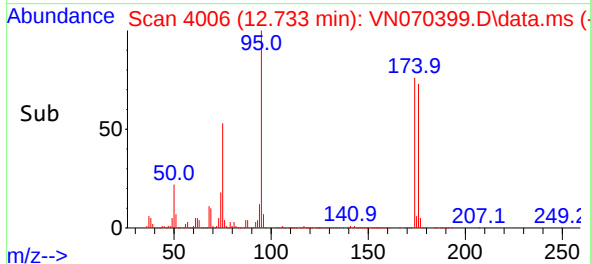
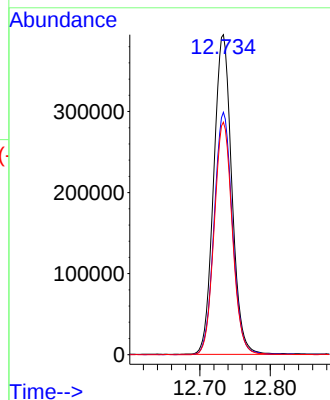
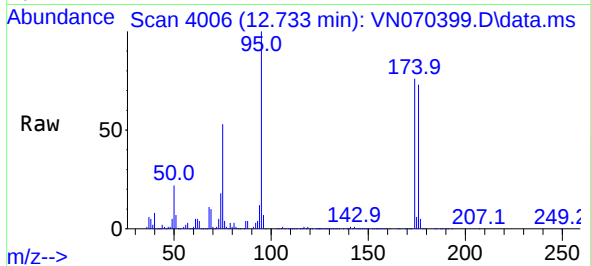




#62
4-Bromofluorobenzene
Concen: 46.711 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

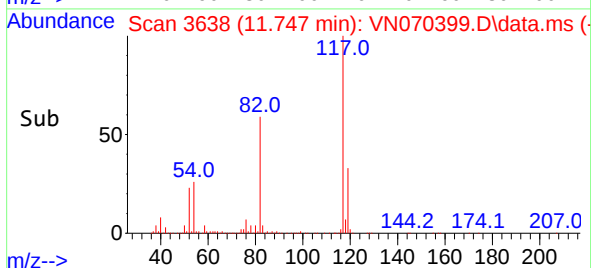
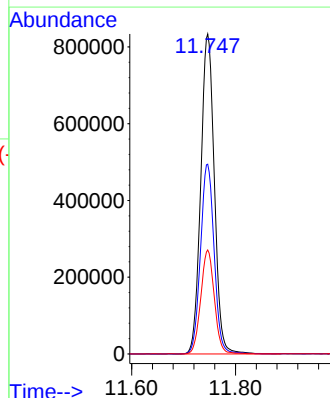
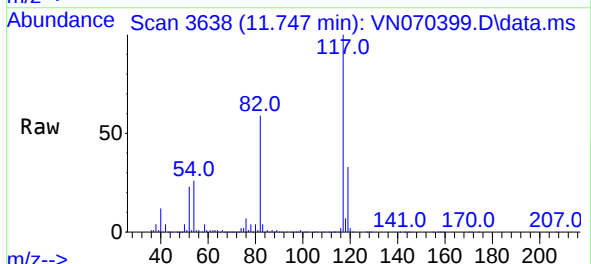
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

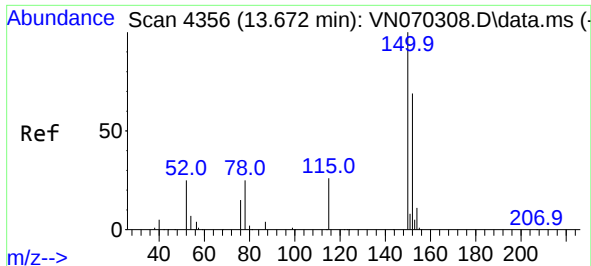
Tgt Ion: 95 Resp: 703460
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 72.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

Tgt Ion: 117 Resp: 1519012
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.5 25.4 38.2

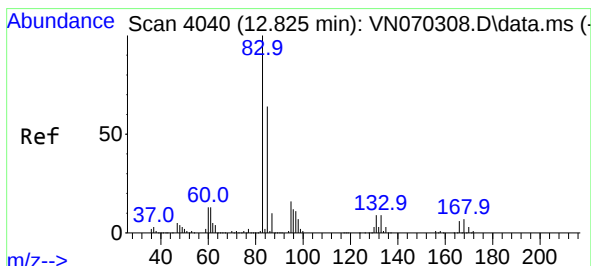
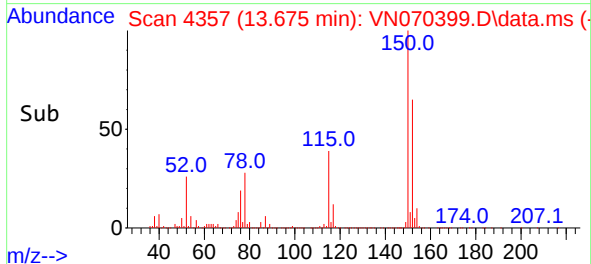
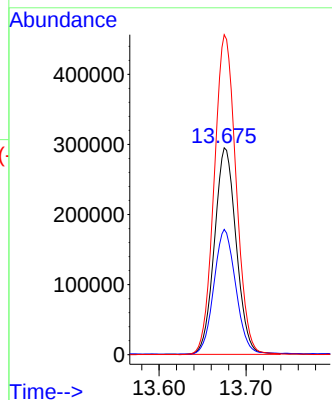
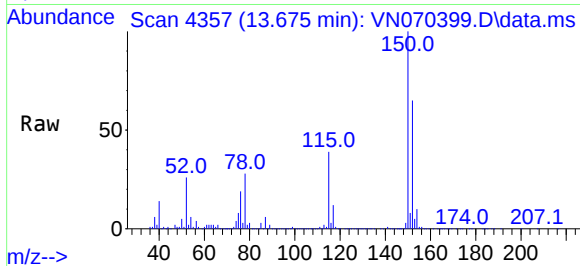




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

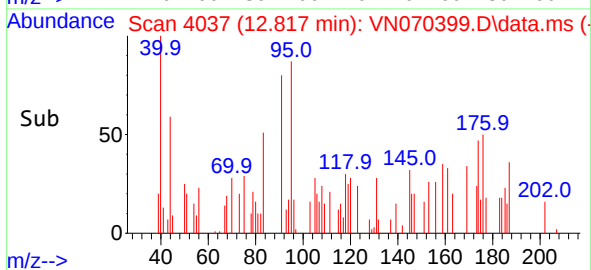
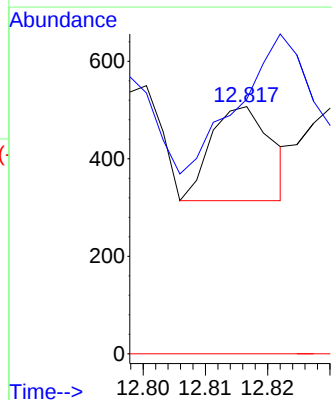
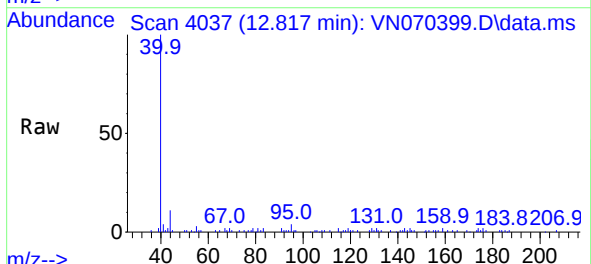
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

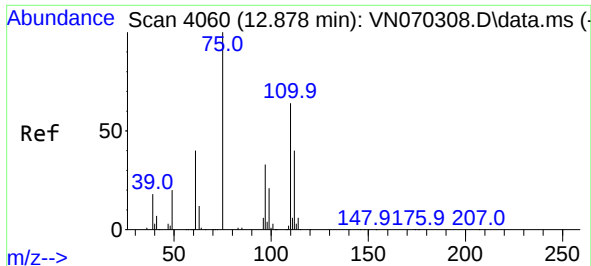
Tgt Ion:152 Resp: 513732
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 155.8 0.0 344.4



#75
1,1,2,2-Tetrachloroethane
Concen: 0.455 ug/l
RT: 12.817 min Scan# 4037
Delta R.T. -0.008 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

Tgt Ion: 83 Resp: 131
Ion Ratio Lower Upper
83 100
131 140.5 5.5 16.5#
85 0.0 32.4 97.2#

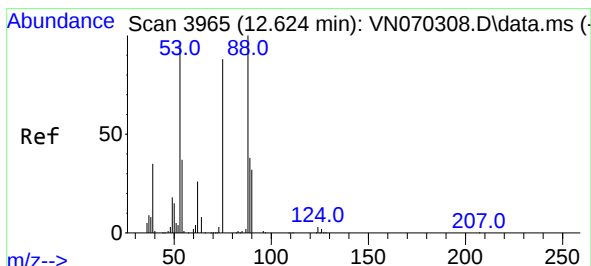
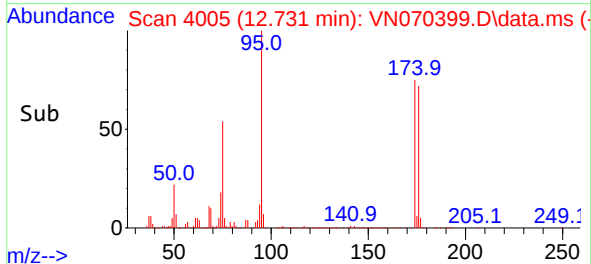
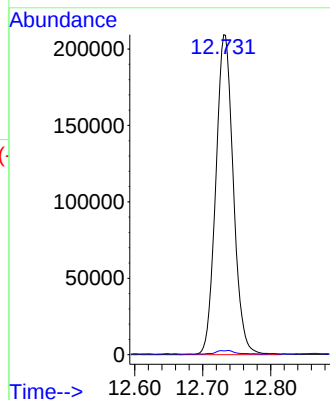
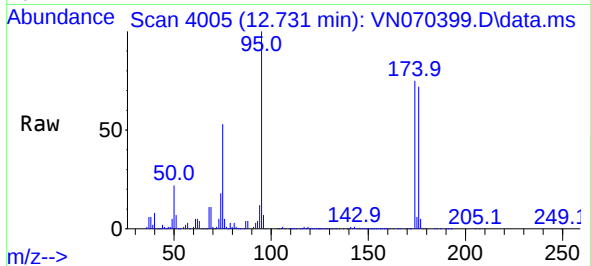




#76
1,2,3-Trichloropropane
Concen: 26.010 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

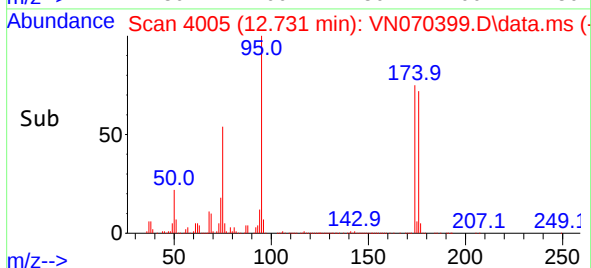
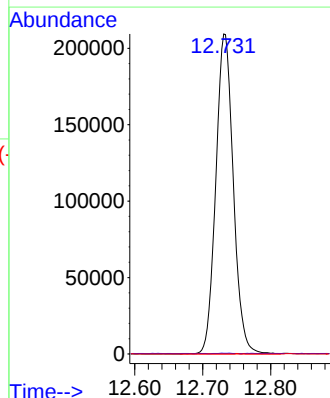
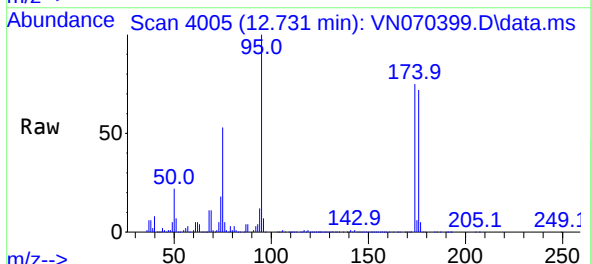
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

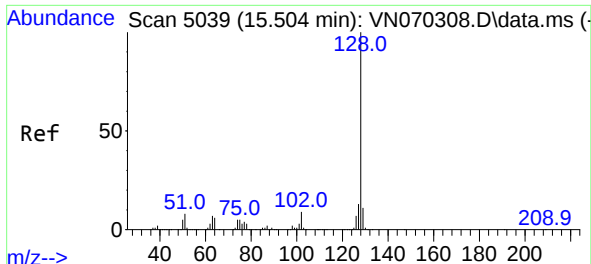
Tgt Ion: 75 Resp: 374475
Ion Ratio Lower Upper
75 100
77 0.5 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.058 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

Tgt Ion: 75 Resp: 374475
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

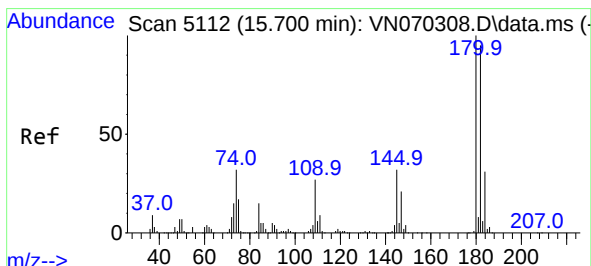
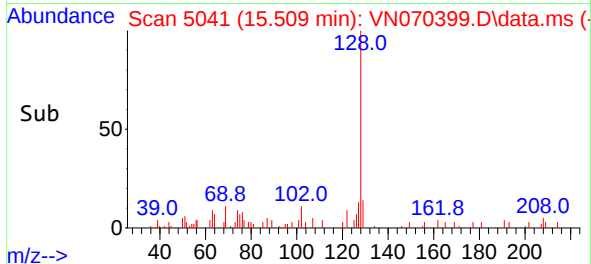
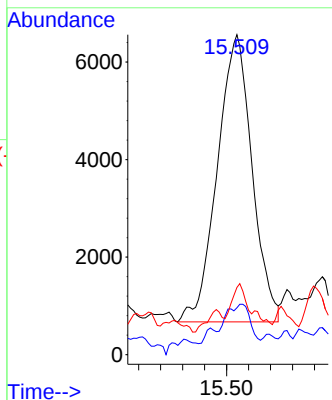
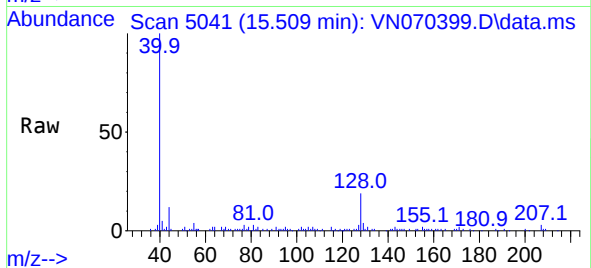




#95
Naphthalene
Concen: 2.328 ug/l
RT: 15.509 min Scan# 5039
Delta R.T. 0.005 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:128 Resp: 12896
Ion Ratio Lower Upper
128 100
127 10.8 10.5 15.7
129 6.8 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.988 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

Tgt Ion:180 Resp: 1336
Ion Ratio Lower Upper
180 100
182 114.0 47.4 142.2
145 29.4 15.0 45.1

