

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069790.D
 Acq On : 6 Dec 2021 18:01
 Operator : JC/MD
 Sample : M4950-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 07 03:49:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

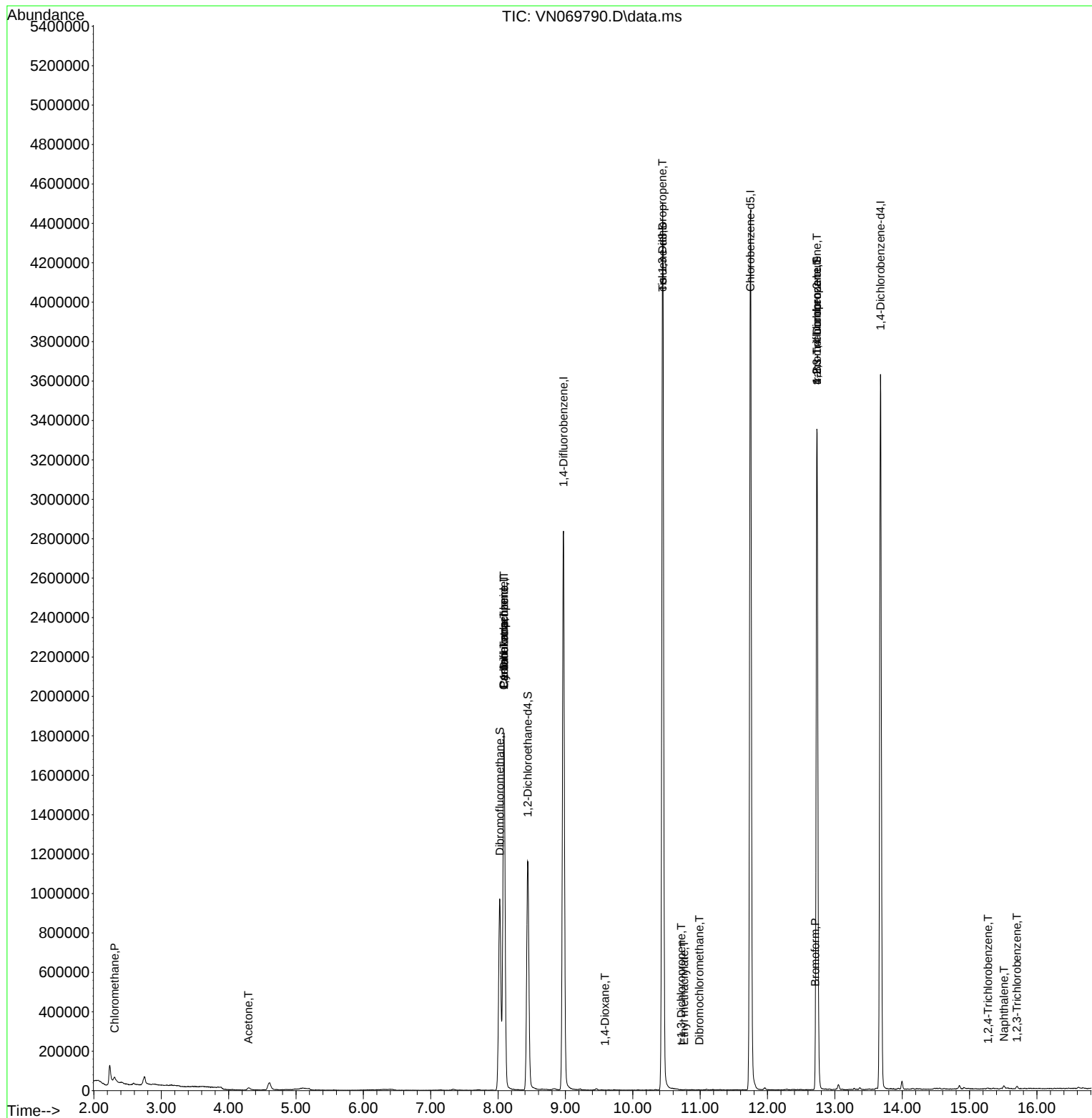
Internal Standards						
1) Pentafluorobenzene	8.088	168	1352864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2390552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2506843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	959437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	994640	47.617	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	95.240%	
35) Dibromofluoromethane	8.027	113	701098	46.821	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	93.640%	
50) Toluene-d8	10.443	98	3060919	50.909	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	101.820%	
62) 4-Bromofluorobenzene	12.733	95	1159142	53.215	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	106.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	4256	0.215	ug/l	91
16) Acetone	4.293	43	19033	1.515	ug/l #	86
31) Cyclohexane	8.088	56	36022	1.239	ug/l #	37
36) 1,1-Dichloropropene	8.086	75	116980	5.140	ug/l #	50
38) Carbon Tetrachloride	8.086	117	138182	6.192	ug/l #	16
49) 1,4-Dioxane	9.587	88	88	0.210	ug/l #	1
53) t-1,3-Dichloropropene	10.719	75	218	2.802	ug/l #	70
54) cis-1,3-Dichloropropene	10.440	75	803	2.025	ug/l #	1
56) Ethyl methacrylate	10.762	69	101	2.282	ug/l #	1
60) Dibromochloromethane	10.987	129	326	2.393	ug/l #	11
71) Bromoform	12.709	173	231	2.745	ug/l #	29
76) 1,2,3-Trichloropropane	12.733	75	652514	23.715	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	652514	75.374	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.273	180	1774	2.984	ug/l	95
95) Naphthalene	15.512	128	13505	4.250	ug/l	98
96) 1,2,3-Trichlorobenzene	15.702	180	2106	2.566	ug/l #	23

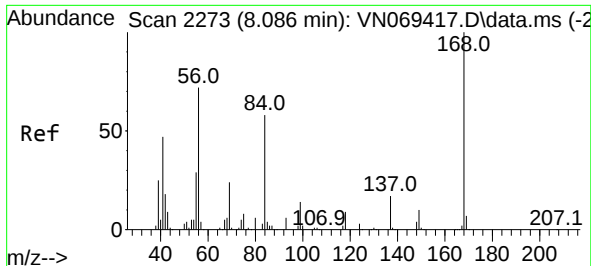
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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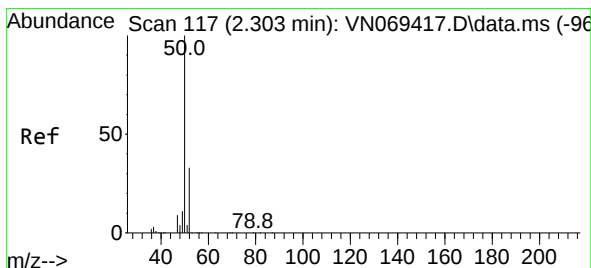
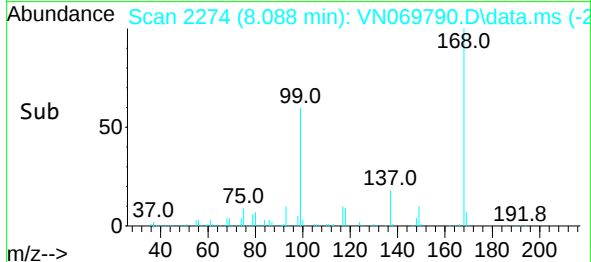
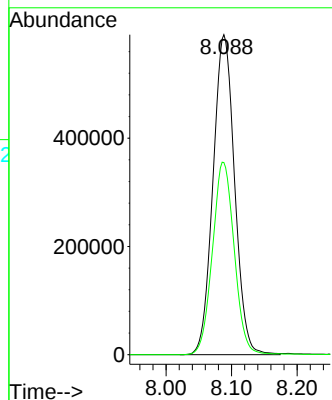
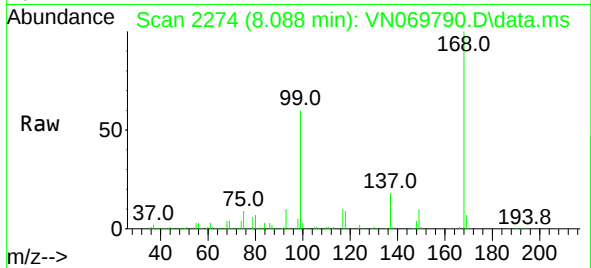




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069790.D
Acq: 6 Dec 2021 18:01

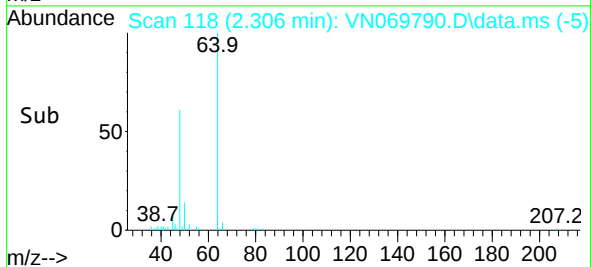
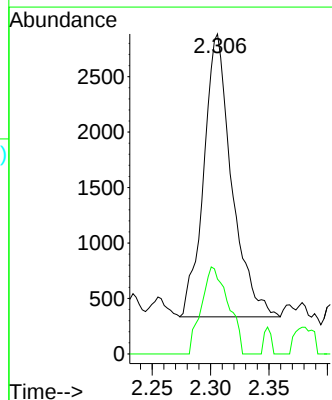
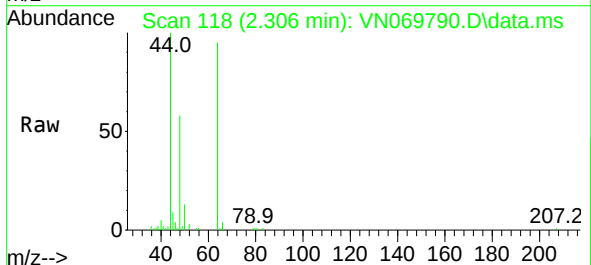
Instrument :
MSVOA_N
ClientSampleId :
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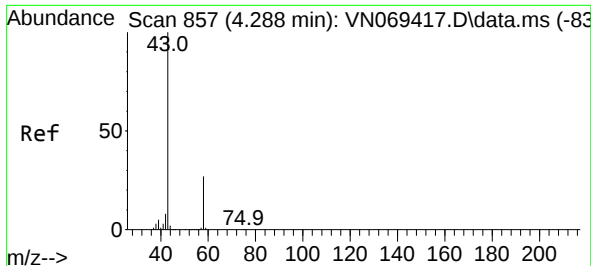
Tgt Ion:168 Resp: 1352864
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#3
Chloromethane
Concen: 0.215 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069790.D
Acq: 6 Dec 2021 18:01

Tgt Ion: 50 Resp: 4256
Ion Ratio Lower Upper
50 100
52 26.5 25.4 38.0

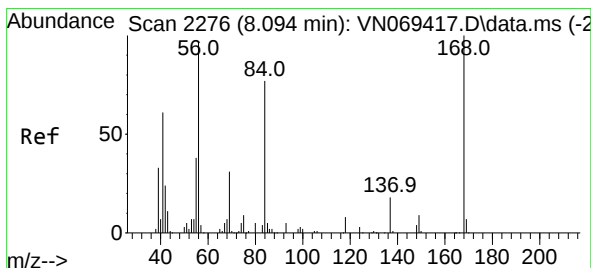
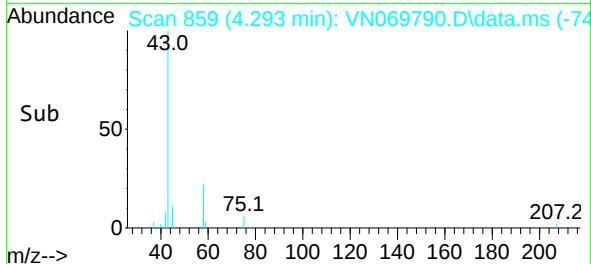
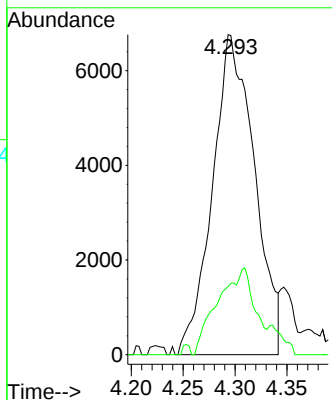
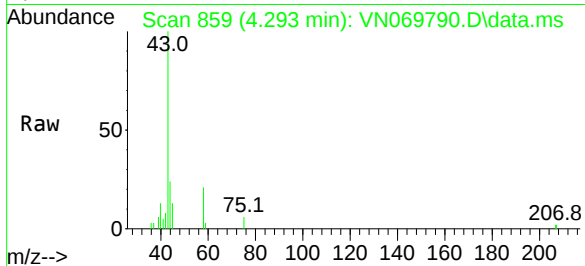




#16
Acetone
Concen: 1.515 ug/l
RT: 4.293 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069790.D
Acq: 6 Dec 2021 18:01

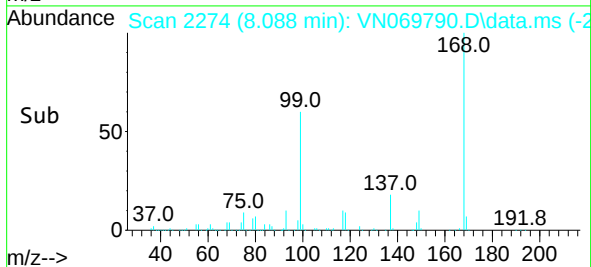
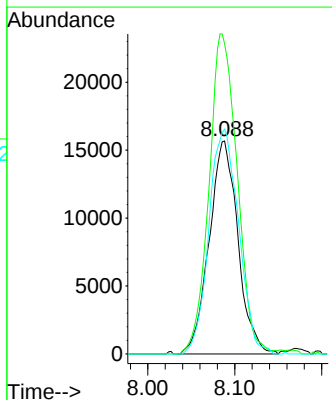
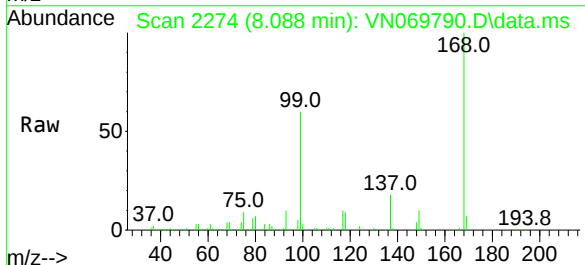
Instrument :
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ClientSampleId :
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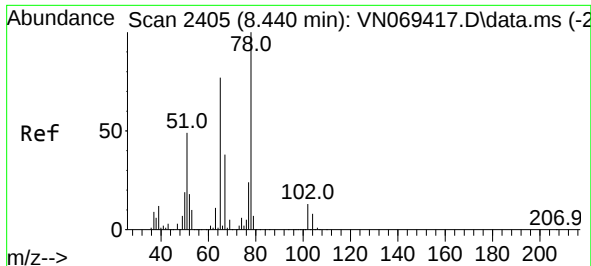
Tgt Ion: 43 Resp: 19033
Ion Ratio Lower Upper
43 100
58 21.3 23.1 34.7#



#31
Cyclohexane
Concen: 1.239 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.005 min
Lab File: VN069790.D
Acq: 6 Dec 2021 18:01

Tgt Ion: 56 Resp: 36022
Ion Ratio Lower Upper
56 100
69 145.6 27.1 40.7#
84 105.5 73.4 110.0

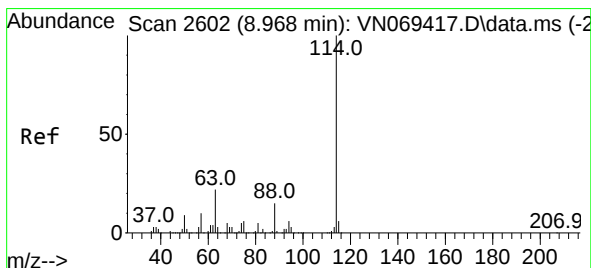
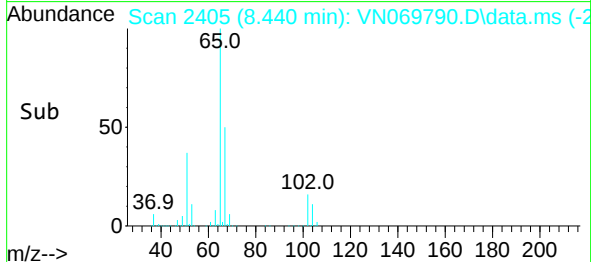
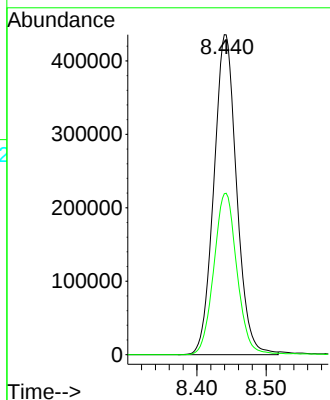
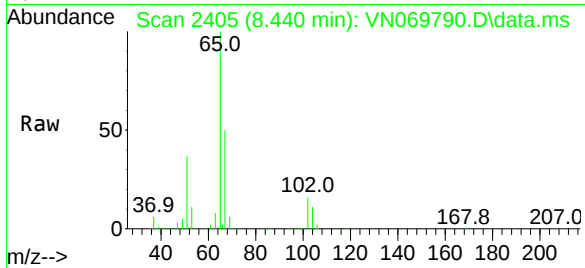




#33
 1,2-Dichloroethane-d4
 Concen: 47.617 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.003 min
 Lab File: VN069790.D
 Acq: 6 Dec 2021 18:01

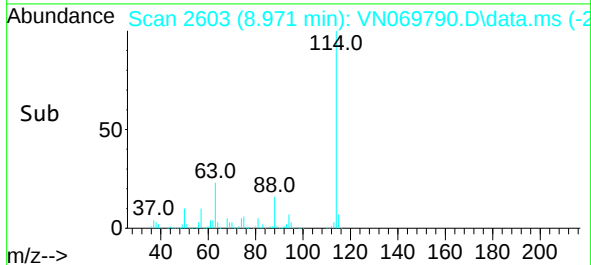
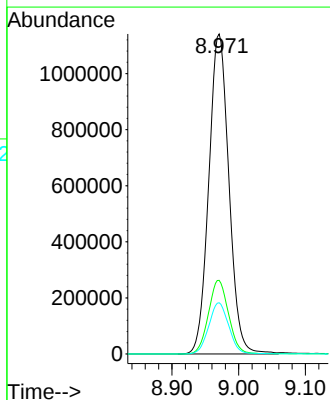
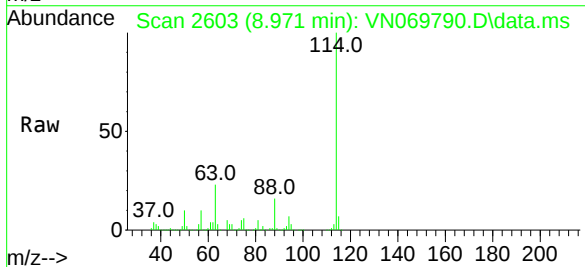
Instrument :
 MSVOA_N
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 STORAGE-BLANK-WATER-REF-5

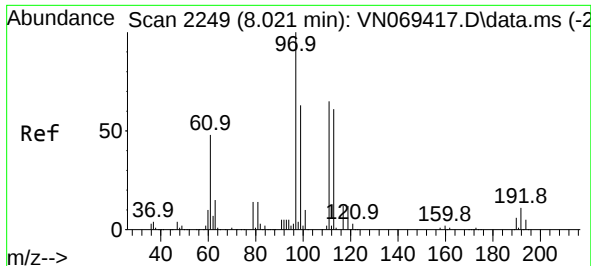
Tgt Ion: 65 Resp: 994640
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069790.D
 Acq: 6 Dec 2021 18:01

Tgt Ion: 114 Resp: 2390552
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 37.8
 88 16.0 0.0 27.4

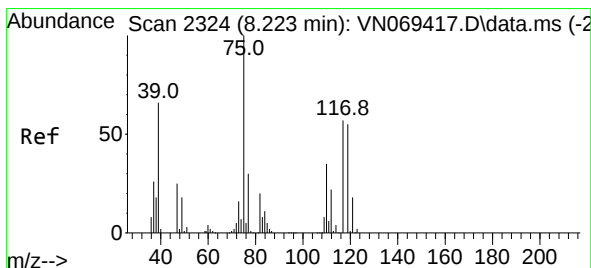
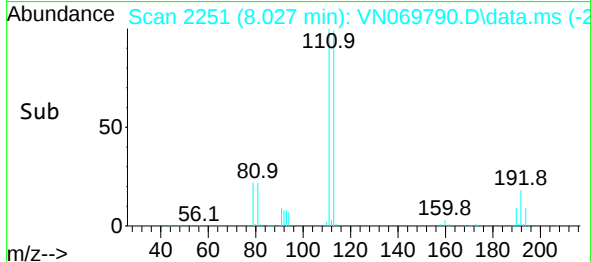
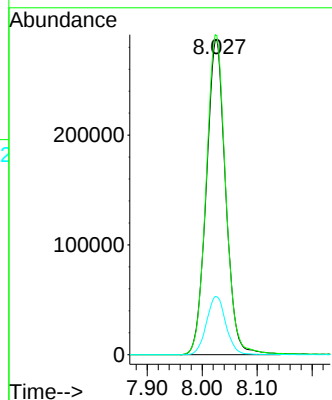
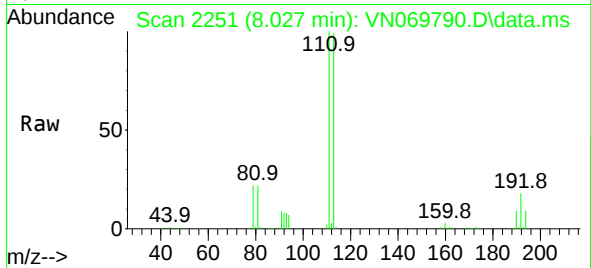




#35
Dibromofluoromethane
Concen: 46.821 ug/l
RT: 8.027 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN069790.D
Acq: 6 Dec 2021 18:01

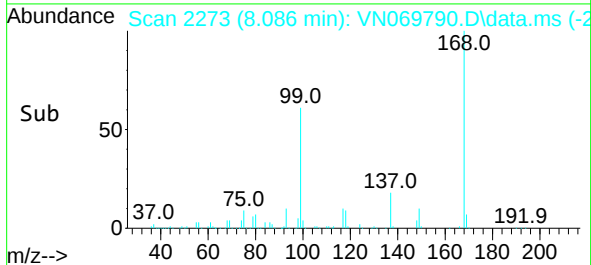
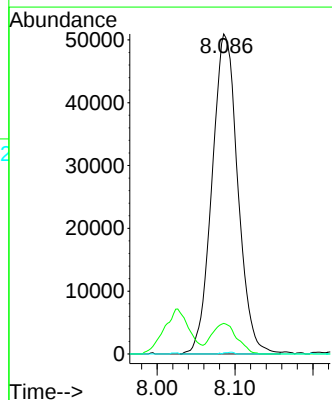
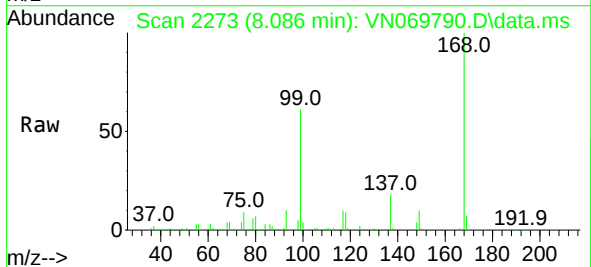
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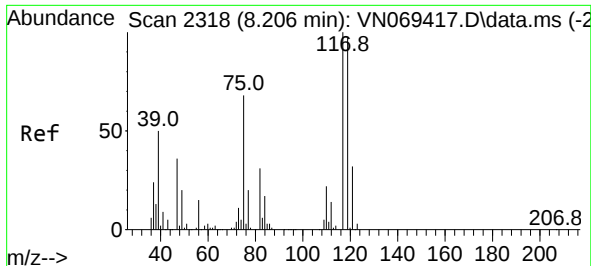
Tgt Ion:113 Resp: 701098
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 18.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.140 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069790.D
Acq: 6 Dec 2021 18:01

Tgt Ion: 75 Resp: 116980
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.2 24.4 36.6#

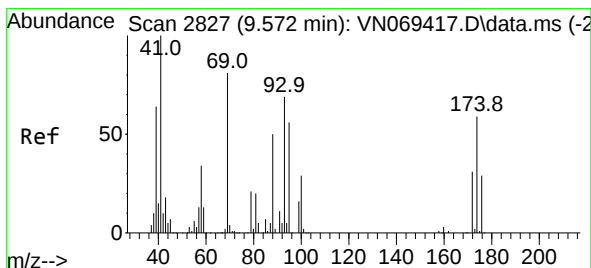
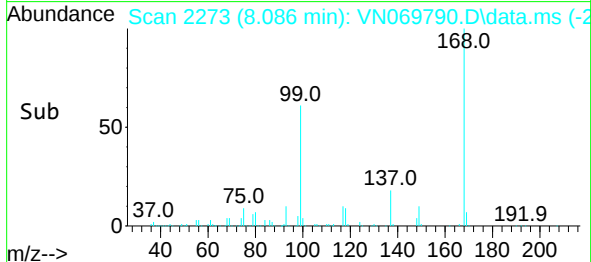
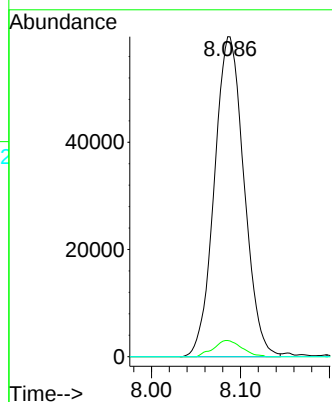
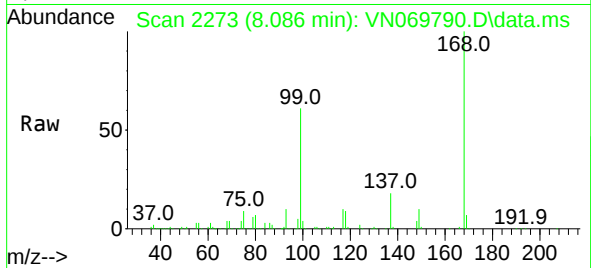




#38
Carbon Tetrachloride
Concen: 6.192 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.121 min
Lab File: VN069790.D
Acq: 6 Dec 2021 18:01

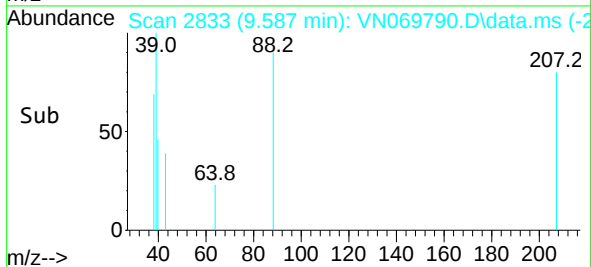
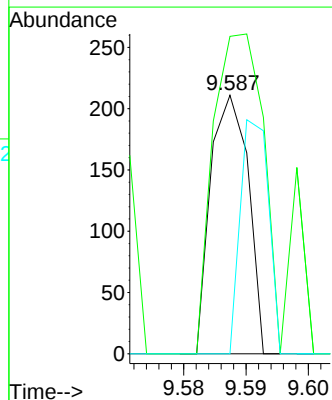
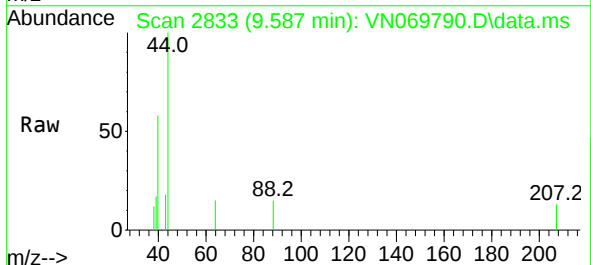
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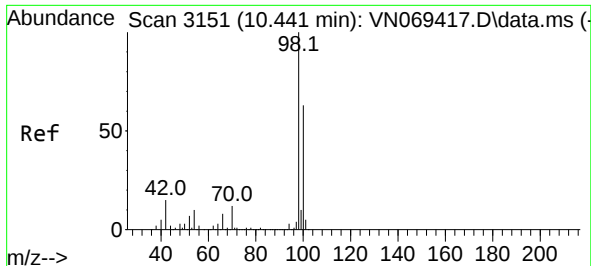
Tgt Ion:117 Resp: 138182
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 0.210 ug/l
RT: 9.587 min Scan# 2833
Delta R.T. 0.016 min
Lab File: VN069790.D
Acq: 6 Dec 2021 18:01

Tgt Ion: 88 Resp: 88
Ion Ratio Lower Upper
88 100
43 193.2 23.4 35.2#
58 68.2 50.6 75.8

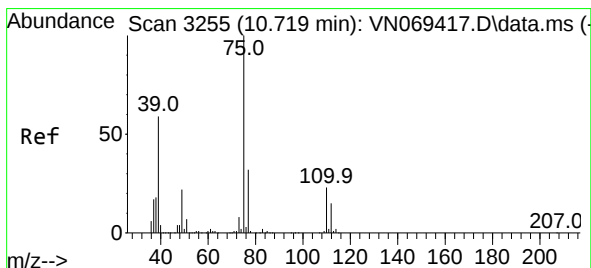
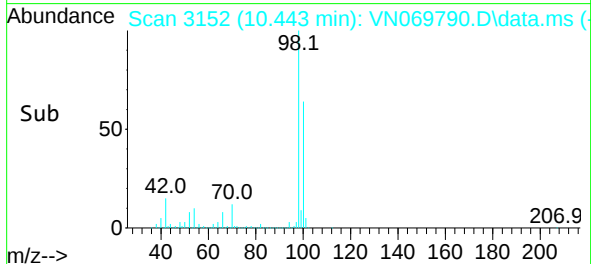
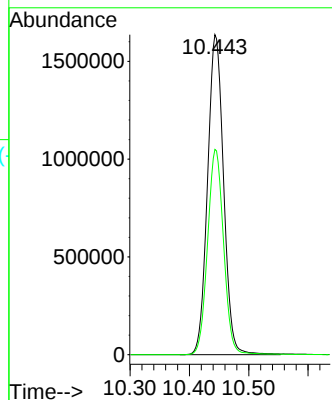
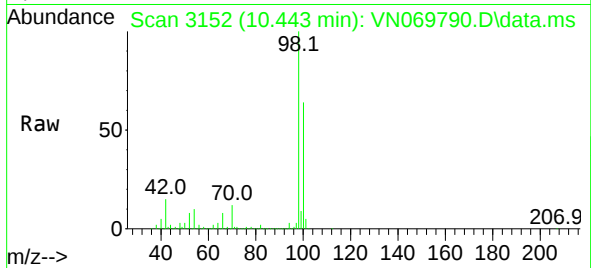




#50
Toluene-d8
Concen: 50.909 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN069790.D
Acq: 6 Dec 2021 18:01

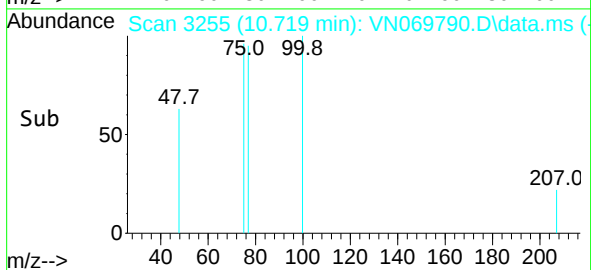
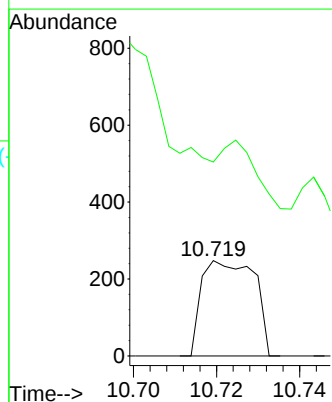
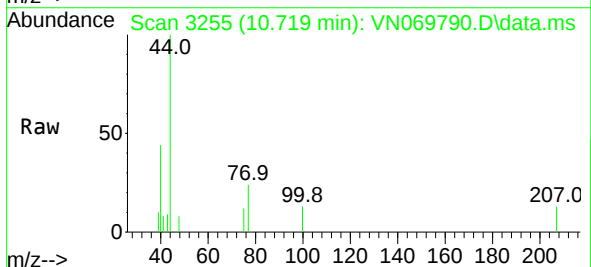
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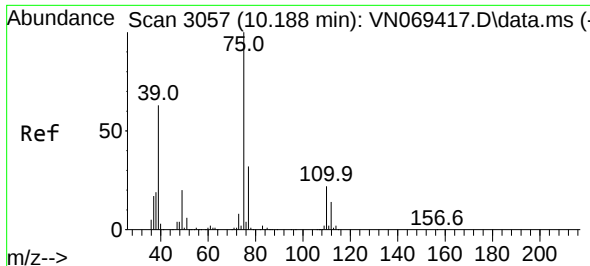
Tgt Ion: 98 Resp: 3060919
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.802 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069790.D
Acq: 6 Dec 2021 18:01

Tgt Ion: 75 Resp: 218
Ion Ratio Lower Upper
75 100
77 48.8 25.6 38.4#

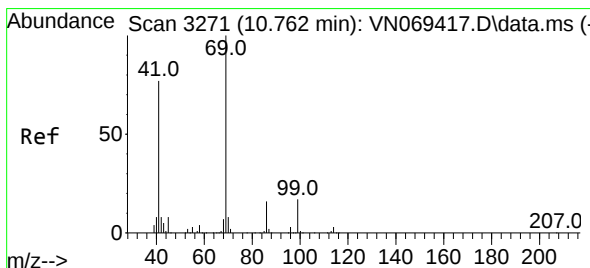
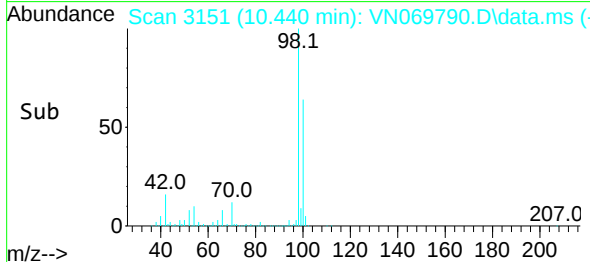
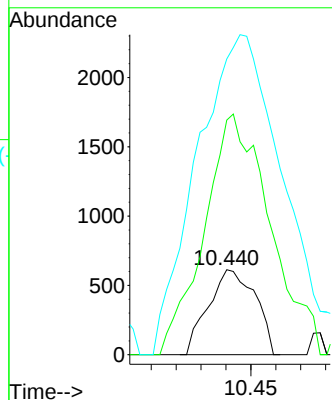
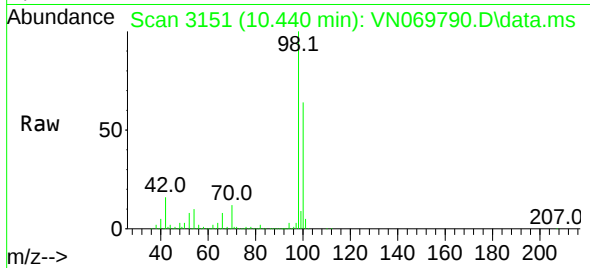




#54
 cis-1,3-Dichloropropene
 Concen: 2.025 ug/l
 RT: 10.440 min Scan# 3151
 Delta R.T. 0.249 min
 Lab File: VN069790.D
 Acq: 6 Dec 2021 18:01

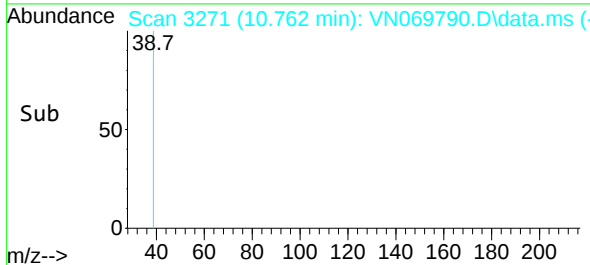
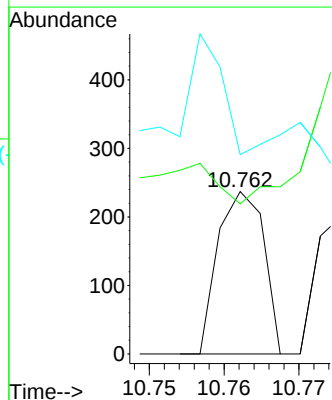
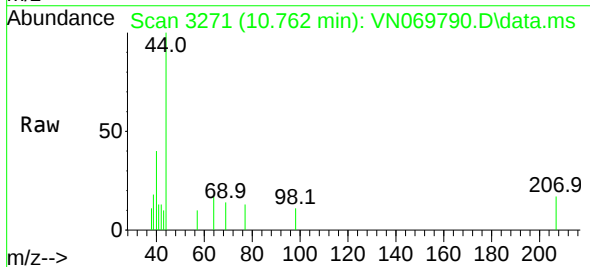
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 STORAGE-BLANK-WATER-REF-5

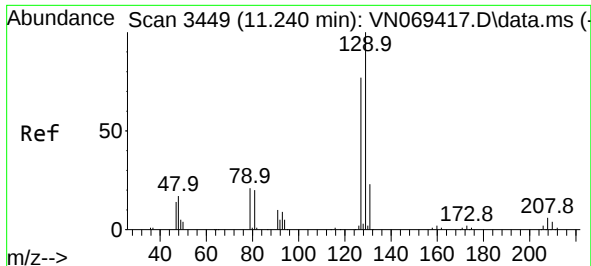
Tgt Ion: 75 Resp: 803
 Ion Ratio Lower Upper
 75 100
 77 213.5 26.4 39.6#
 39 222.8 42.5 63.7#



#56
 Ethyl methacrylate
 Concen: 2.282 ug/l
 RT: 10.762 min Scan# 3271
 Delta R.T. 0.000 min
 Lab File: VN069790.D
 Acq: 6 Dec 2021 18:01

Tgt Ion: 69 Resp: 101
 Ion Ratio Lower Upper
 69 100
 41 261.4 51.4 77.0#
 39 169.3 34.6 52.0#

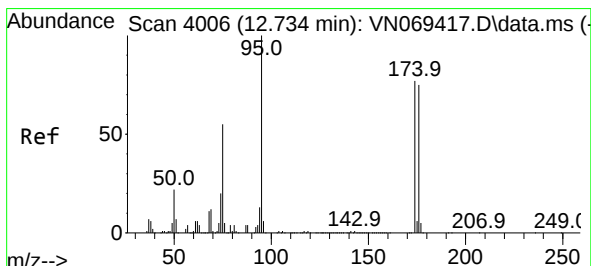
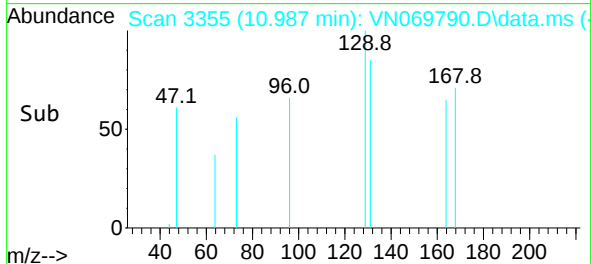
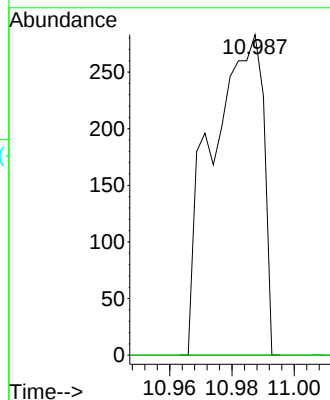
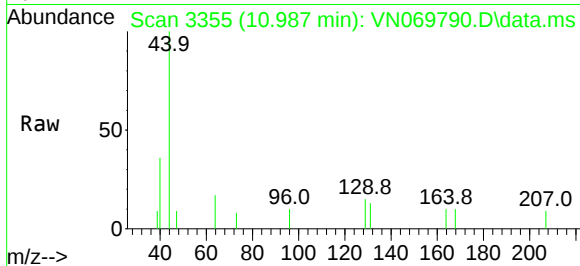




#60
Dibromochloromethane
Concen: 2.393 ug/l
RT: 10.987 min Scan# 31
Delta R.T. -0.253 min
Lab File: VN069790.D
Acq: 6 Dec 2021 18:01

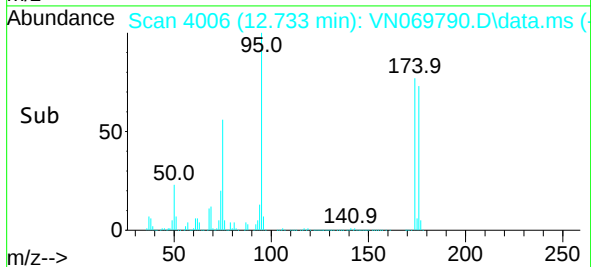
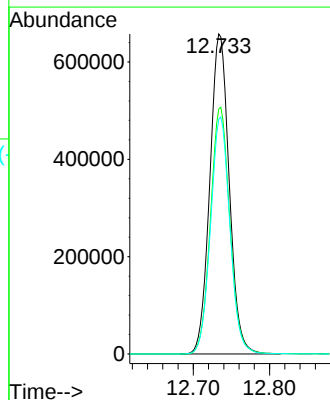
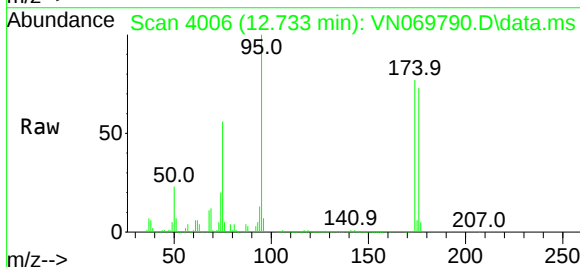
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

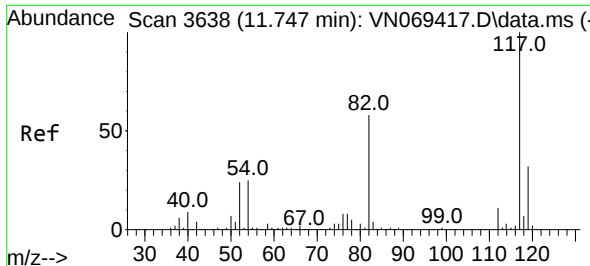
Tgt Ion:129 Resp: 326
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 53.215 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069790.D
Acq: 6 Dec 2021 18:01

Tgt Ion: 95 Resp: 1159142
Ion Ratio Lower Upper
95 100
174 77.3 0.0 187.2
176 73.9 0.0 181.4

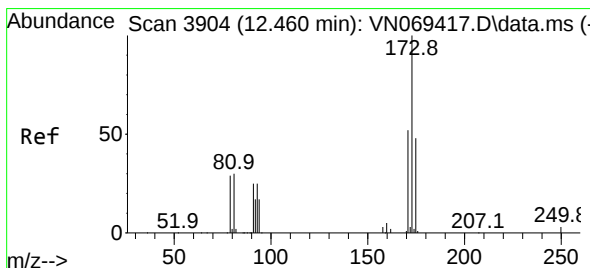
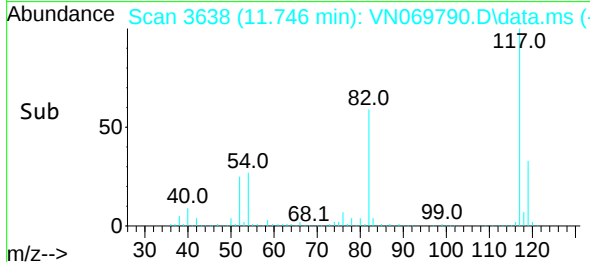
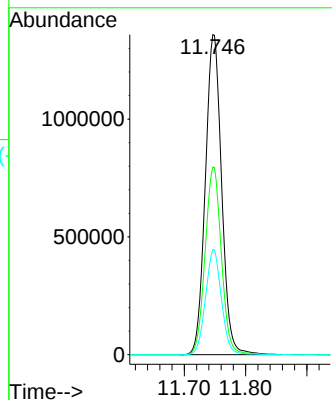
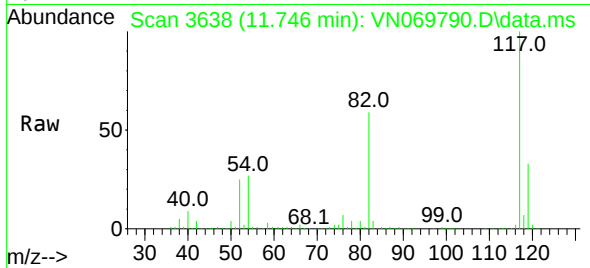




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069790.D
Acq: 6 Dec 2021 18:01

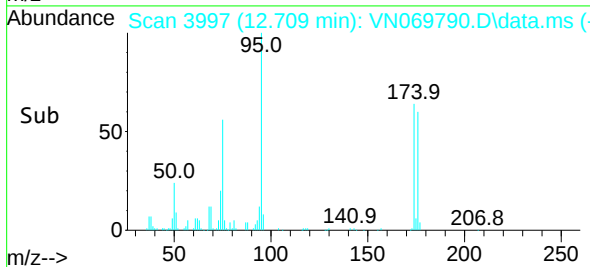
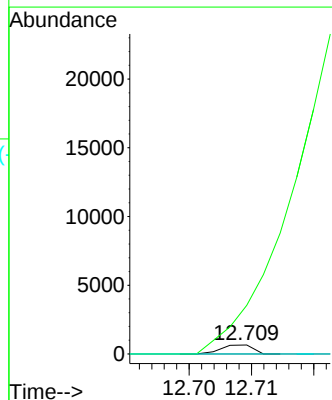
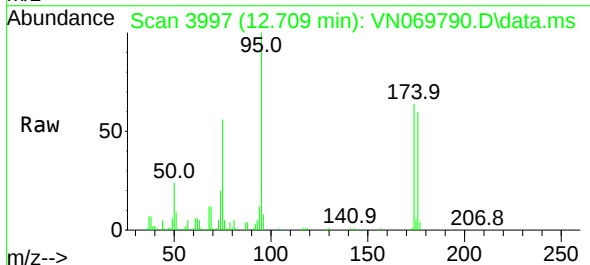
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

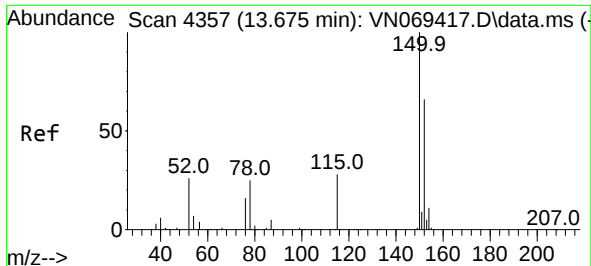
Tgt Ion:117 Resp: 2506843
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 32.9 25.4 38.2



#71
Bromoform
Concen: 2.745 ug/l
RT: 12.709 min Scan# 3997
Delta R.T. 0.249 min
Lab File: VN069790.D
Acq: 6 Dec 2021 18:01

Tgt Ion:173 Resp: 231
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0

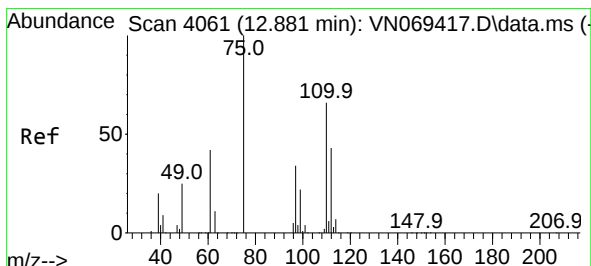
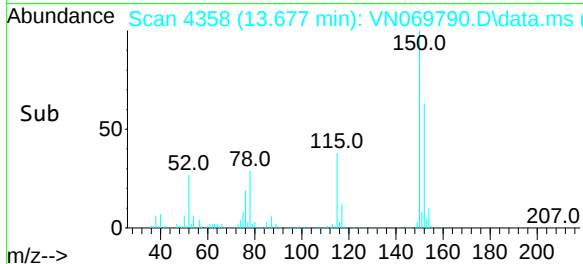
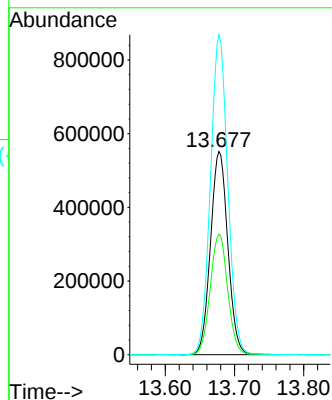
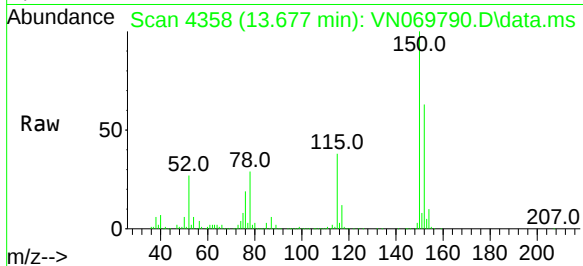




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN069790.D
 Acq: 6 Dec 2021 18:01

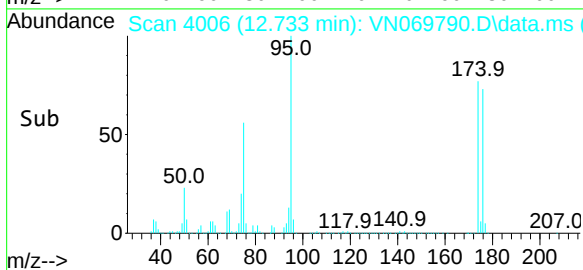
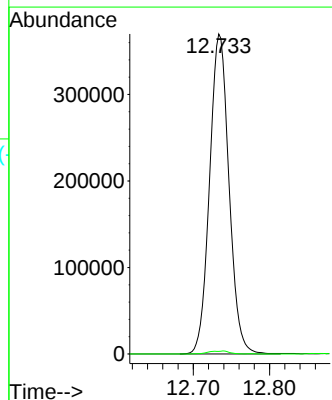
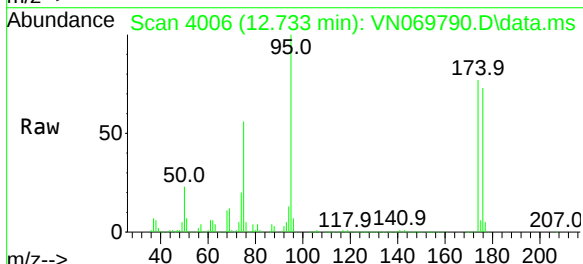
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

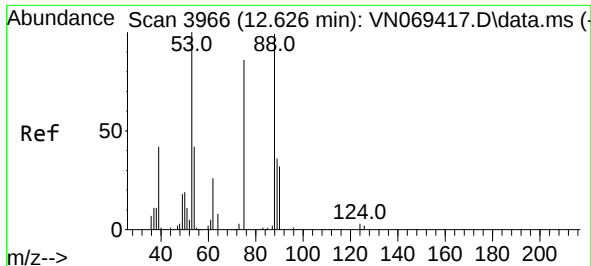
Tgt Ion:152 Resp: 959437
 Ion Ratio Lower Upper
 152 100
 115 59.7 27.5 82.5
 150 156.8 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 23.715 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.147 min
 Lab File: VN069790.D
 Acq: 6 Dec 2021 18:01

Tgt Ion: 75 Resp: 652514
 Ion Ratio Lower Upper
 75 100
 77 0.5 82.6 247.8#

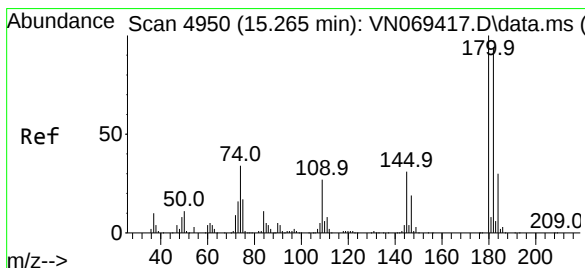
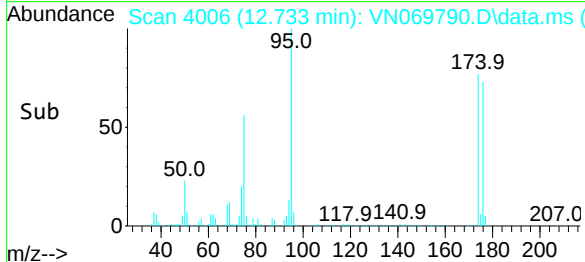
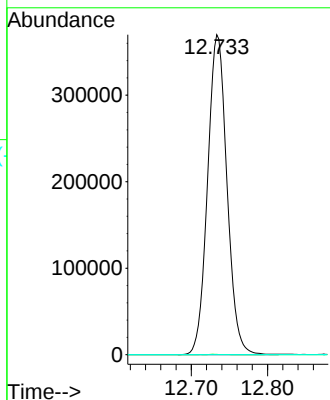
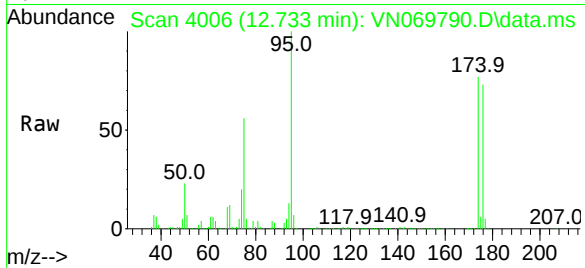




#81
trans-1,4-Dichloro-2-butene
Concen: 75.374 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069790.D
Acq: 6 Dec 2021 18:01

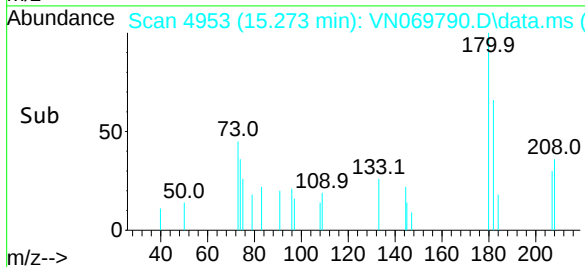
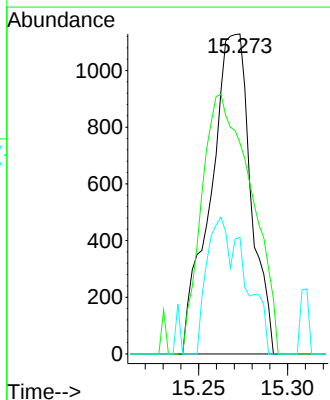
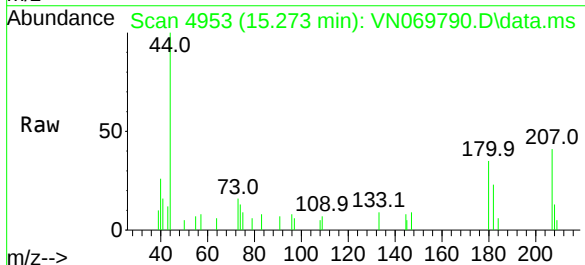
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

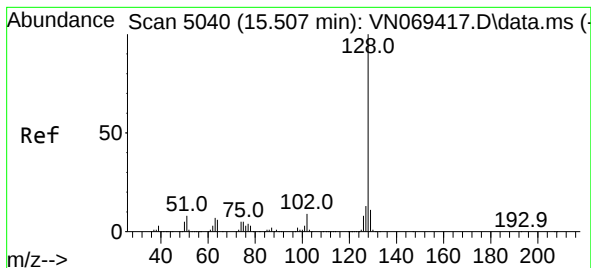
Tgt Ion: 75 Resp: 652514
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.984 ug/l
RT: 15.273 min Scan# 4953
Delta R.T. 0.008 min
Lab File: VN069790.D
Acq: 6 Dec 2021 18:01

Tgt Ion:180 Resp: 1774
Ion Ratio Lower Upper
180 100
182 100.3 48.3 144.9
145 23.7 14.5 43.5





#95

Naphthalene

Concen: 4.250 ug/l

RT: 15.512 min Scan# 5042

Delta R.T. 0.005 min

Lab File: VN069790.D

Acq: 6 Dec 2021 18:01

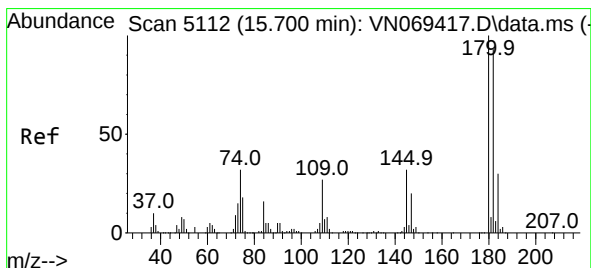
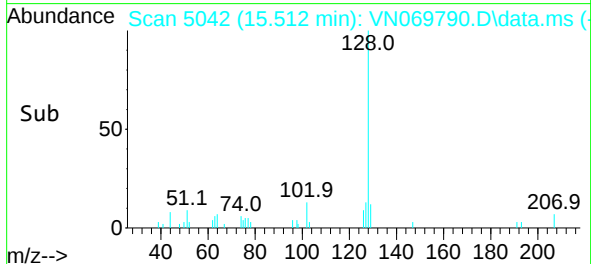
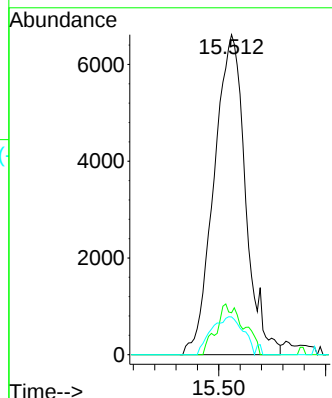
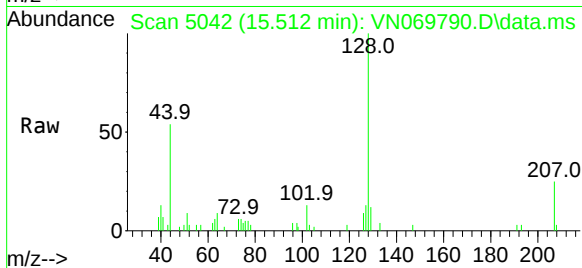
Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

Tgt Ion:128	Resp:	13505
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.5 15.7
129	12.0	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.566 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.000 min

Lab File: VN069790.D

Acq: 6 Dec 2021 18:01

Tgt Ion:180	Resp:	2106
Ion Ratio	Lower	Upper
180	100	
182	0.0	47.4 142.2#
145	22.8	15.0 45.1

