

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012522\
 Data File : VN070773.D
 Acq On : 25 Jan 2022 14:48
 Operator : JC/MD
 Sample : N1250-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Jan 26 00:48:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

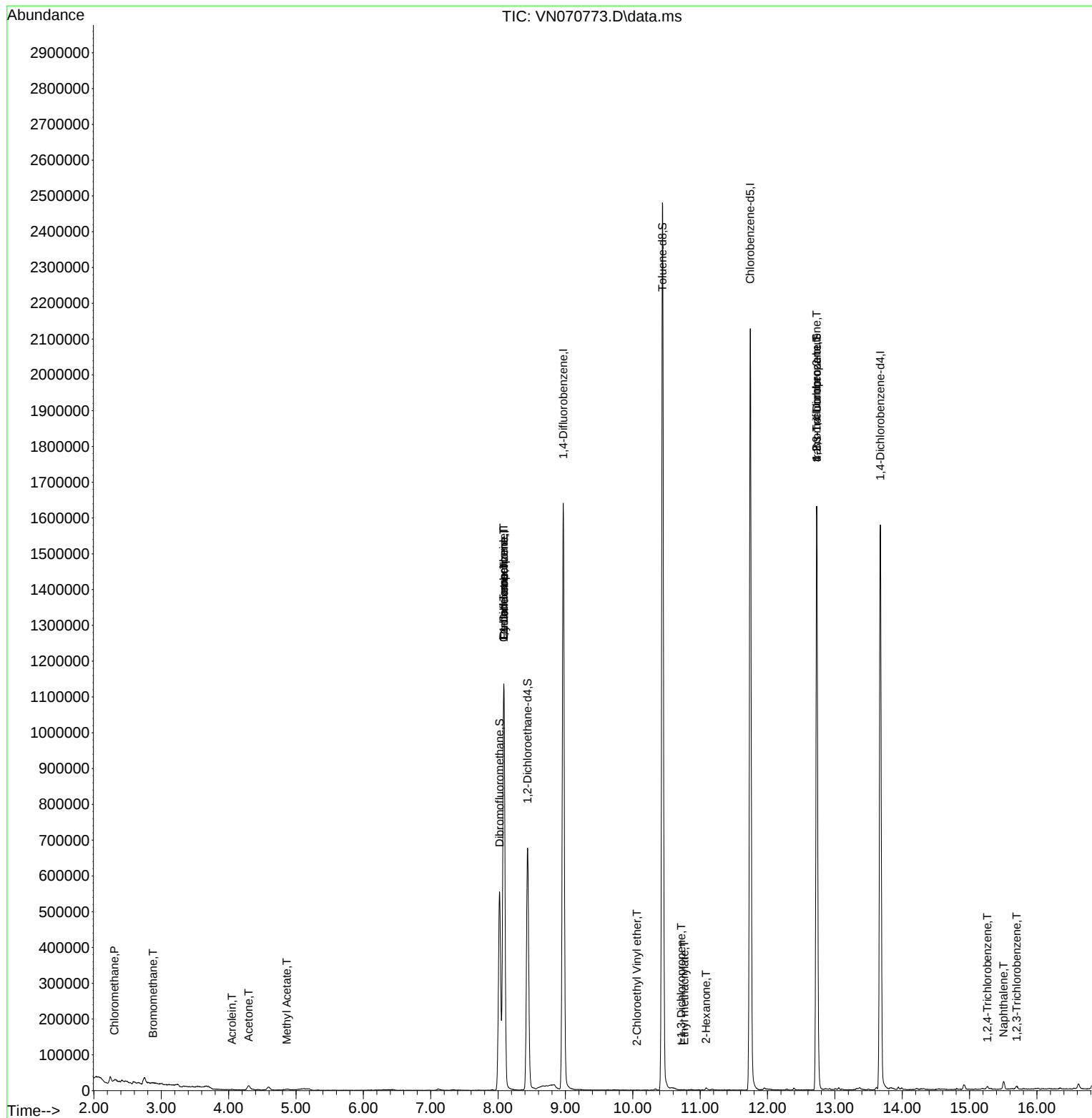
Internal Standards						
1) Pentafluorobenzene	8.086	168	866545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1382926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1225085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	438651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	586599	47.234	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.460%
35) Dibromofluoromethane	8.021	113	409398	47.725	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.440%
50) Toluene-d8	10.440	98	1710820	47.341	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.731	95	595577	46.249	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.500%
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	3185	0.218	ug/l	98
5) Bromomethane	2.877	94	2145	0.296	ug/l #	74
13) Acrolein	4.049	56	1425	0.443	ug/l #	66
16) Acetone	4.296	43	19183	2.225	ug/l	98
18) Methyl Acetate	4.865	43	5426	0.320	ug/l #	53
30) Chloroform	7.820	83	359	Below Cal	#	18
31) Cyclohexane	8.086	56	19486	0.891	ug/l #	12
36) 1,1-Dichloropropene	8.083	75	72816	5.042	ug/l #	49
38) Carbon Tetrachloride	8.083	117	89503	6.967	ug/l #	16
53) t-1,3-Dichloropropene	10.719	75	367	2.424	ug/l #	75
56) Ethyl methacrylate	10.765	69	535	2.327	ug/l #	67
58) 2-Chloroethyl Vinyl ether	10.060	63	54	21.247	ug/l #	45
59) 2-Hexanone	11.087	43	4731	0.349	ug/l #	58
76) 1,2,3-Trichloropropane	12.731	75	317006	27.248	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	317006	81.176	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	2914	3.760	ug/l	95
95) Naphthalene	15.504	128	21567	5.803	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	3522	3.641	ug/l	92

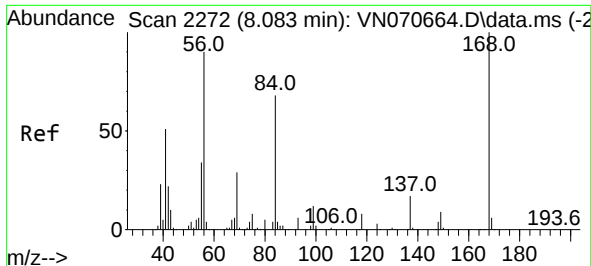
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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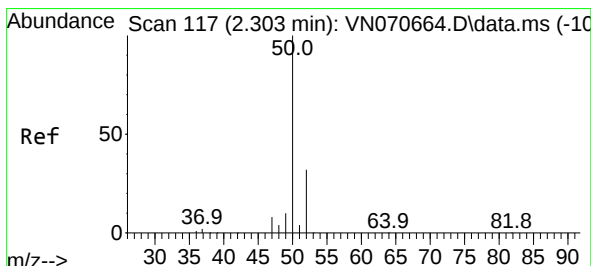
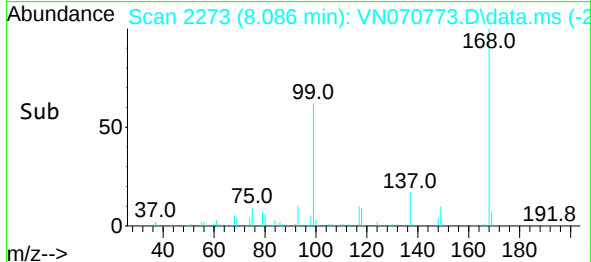
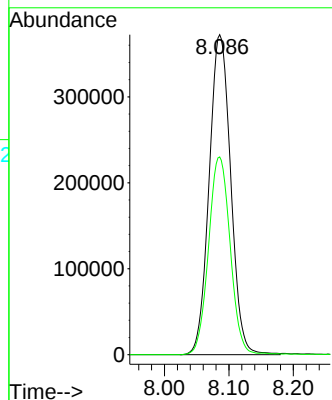
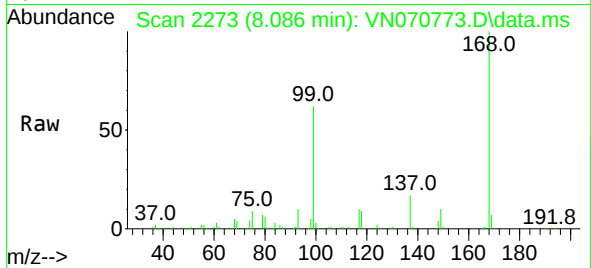




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

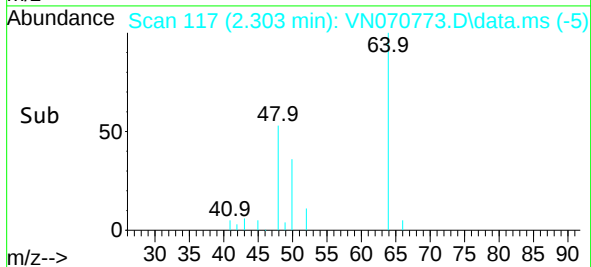
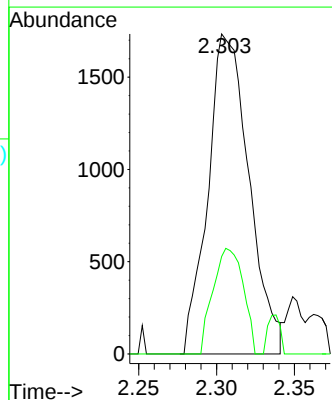
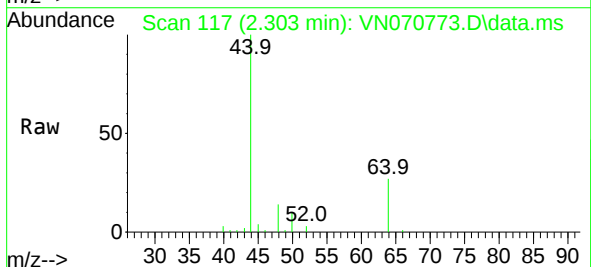
Instrument :
MSVOA_N
ClientSampleId :
MW-1

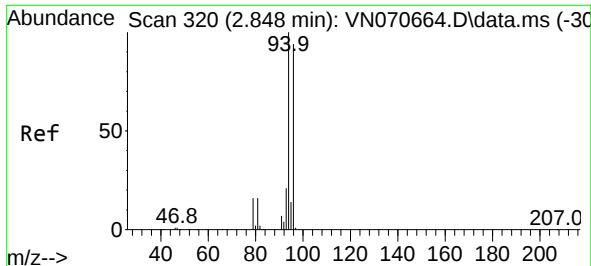
Tgt Ion:168 Resp: 866545
Ion Ratio Lower Upper
168 100
99 61.8 41.3 61.9



#3
Chloromethane
Concen: 0.218 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

Tgt Ion: 50 Resp: 3185
Ion Ratio Lower Upper
50 100
52 30.4 25.4 38.0

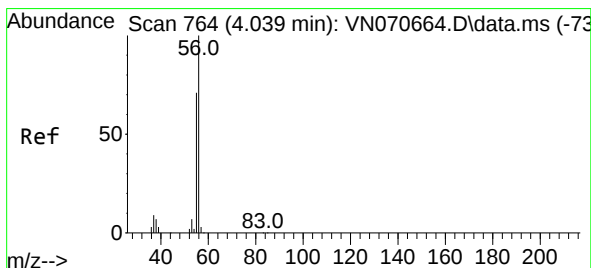
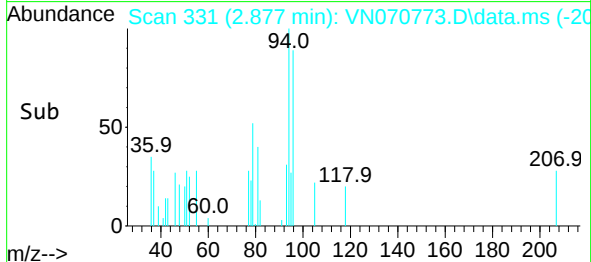
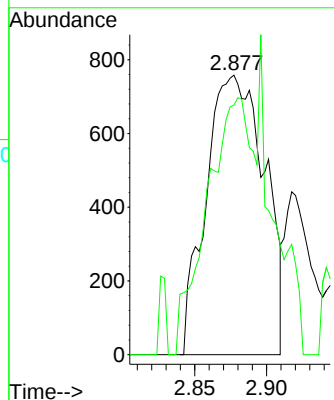
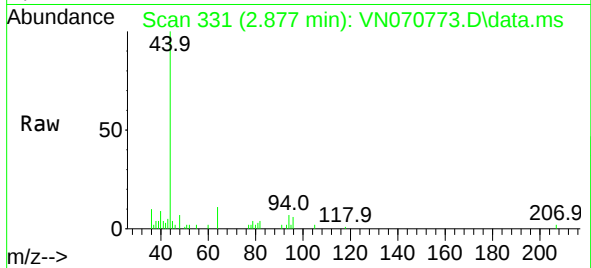




#5
Bromomethane
Concen: 0.296 ug/l
RT: 2.877 min Scan# 31
Delta R.T. 0.029 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

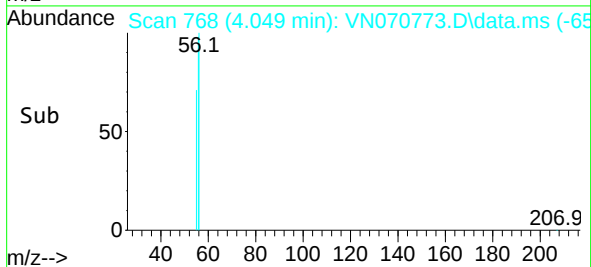
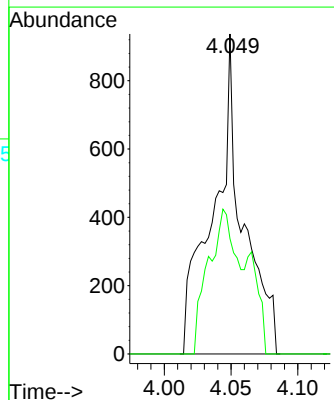
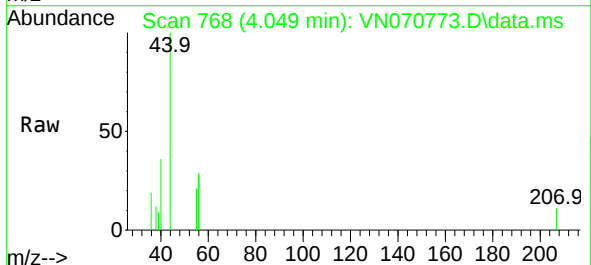
Instrument :
MSVOA_N
ClientSampleId :
MW-1

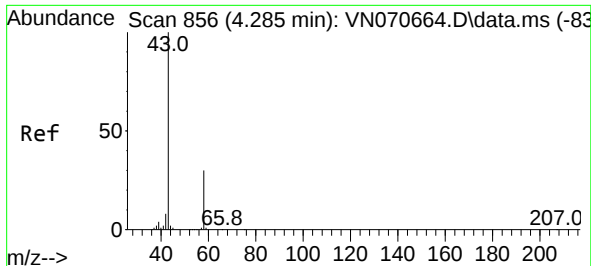
Tgt Ion: 94 Resp: 2145
Ion Ratio Lower Upper
94 100
96 67.7 73.8 110.8#



#13
Acrolein
Concen: 0.443 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.010 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

Tgt Ion: 56 Resp: 1425
Ion Ratio Lower Upper
56 100
55 42.8 56.6 85.0#

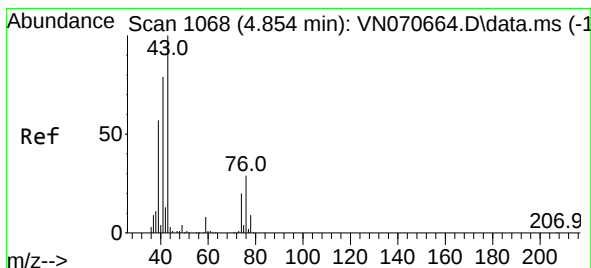
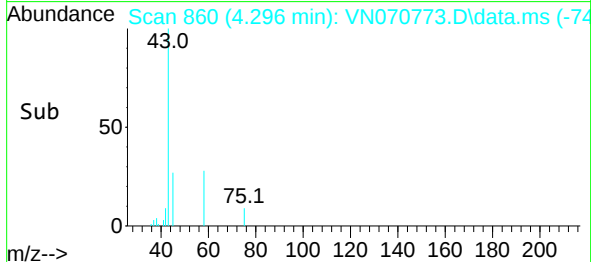
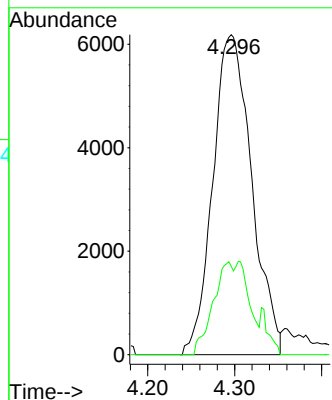
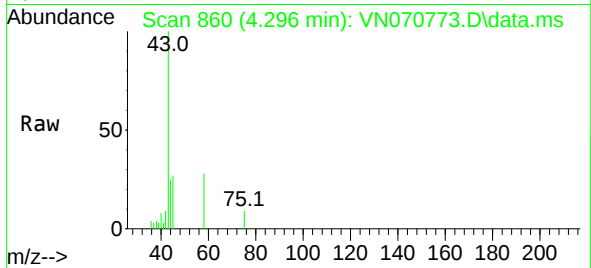




#16
Acetone
Concen: 2.225 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.011 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

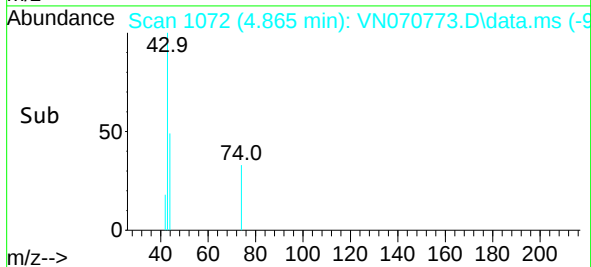
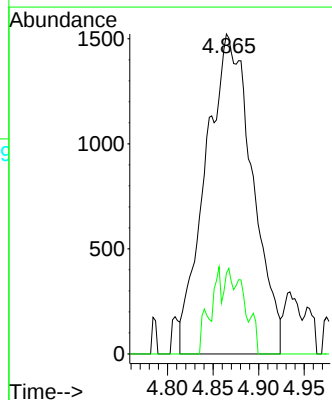
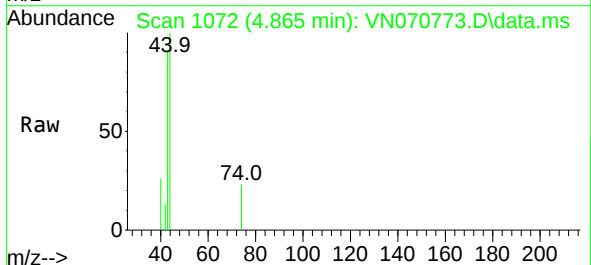
Instrument :
MSVOA_N
ClientSampleId :
MW-1

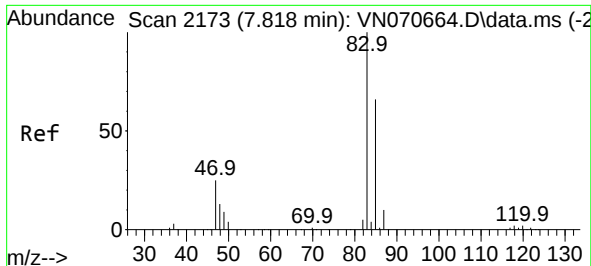
Tgt Ion: 43 Resp: 19183
Ion Ratio Lower Upper
43 100
58 27.6 23.1 34.7



#18
Methyl Acetate
Concen: 0.320 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.011 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

Tgt Ion: 43 Resp: 5426
Ion Ratio Lower Upper
43 100
74 1.2 19.4 29.2#

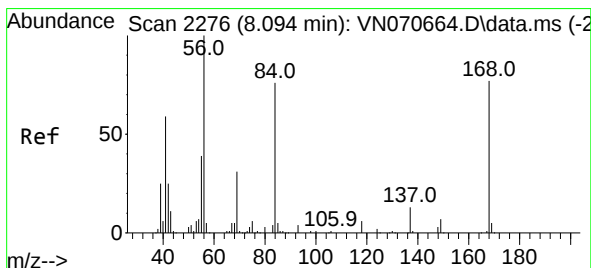
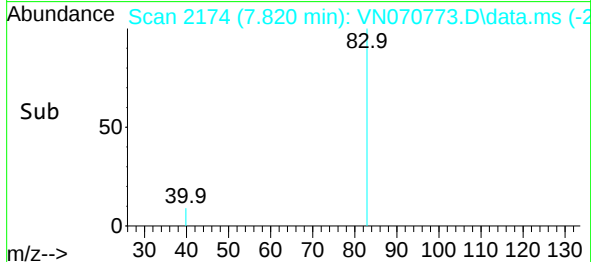
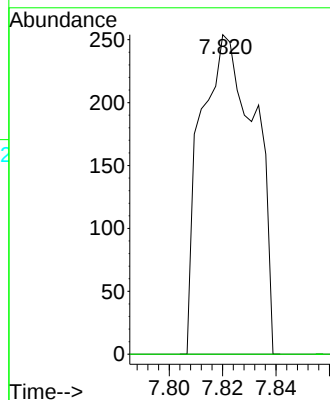
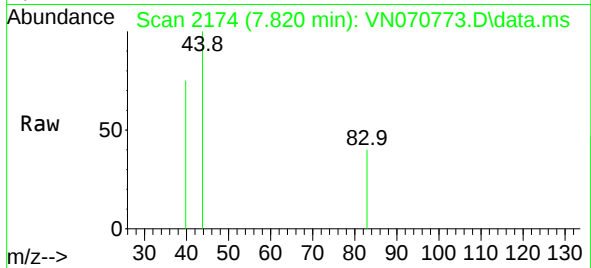




#30
Chloroform
Concen: Below Cal
RT: 7.820 min Scan# 2173
Delta R.T. 0.002 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

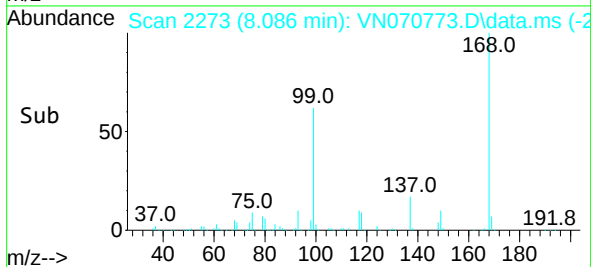
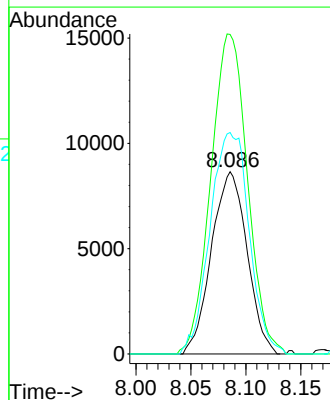
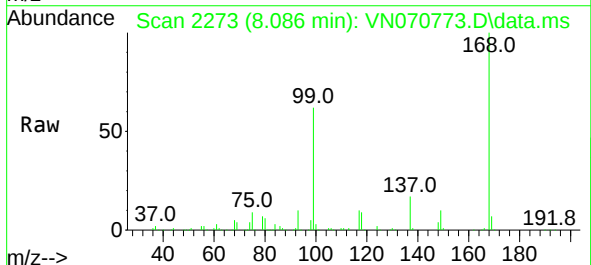
Instrument :
MSVOA_N
ClientSampleId :
MW-1

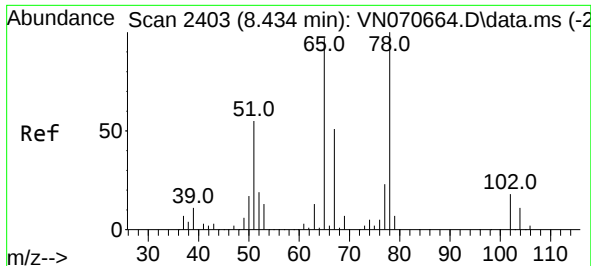
Tgt Ion: 83 Resp: 359
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#



#31
Cyclohexane
Concen: 0.891 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

Tgt Ion: 56 Resp: 19486
Ion Ratio Lower Upper
56 100
69 173.1 27.1 40.7#
84 121.4 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 47.234 ug/l

RT: 8.437 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070773.D

Acq: 25 Jan 2022 14:48

Instrument :

MSVOA_N

ClientSampleId :

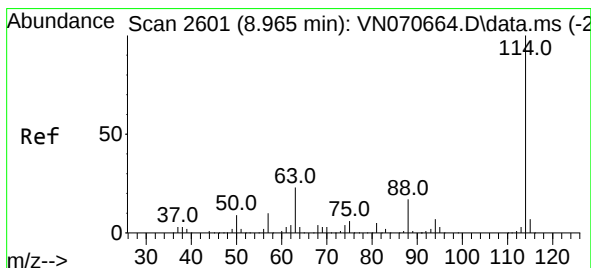
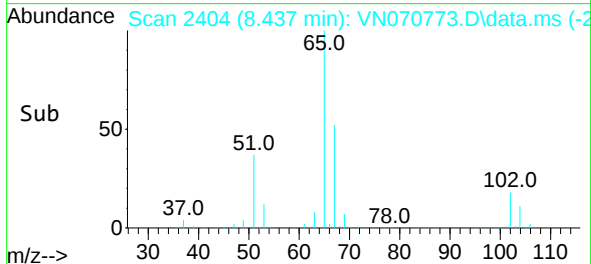
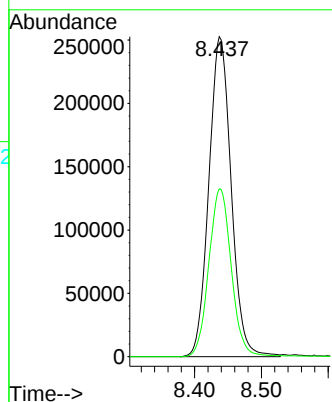
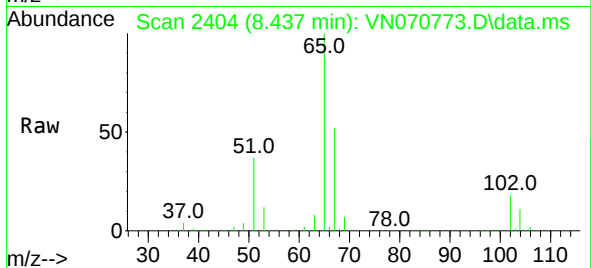
MW-1

Tgt Ion: 65 Resp: 586599

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070773.D

Acq: 25 Jan 2022 14:48

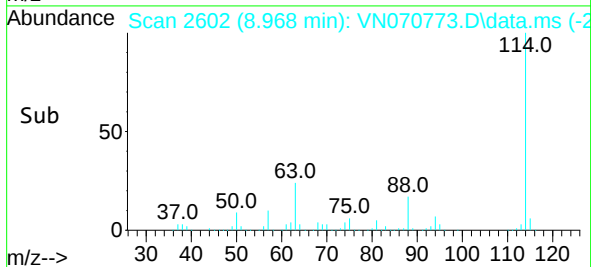
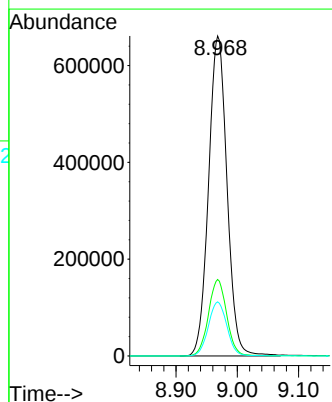
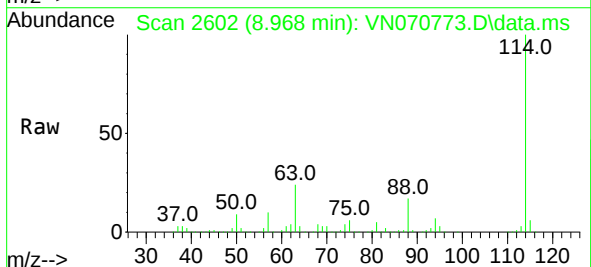
Tgt Ion: 114 Resp: 1382926

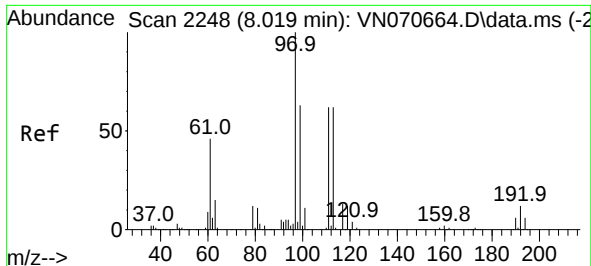
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

88 16.9 0.0 27.4

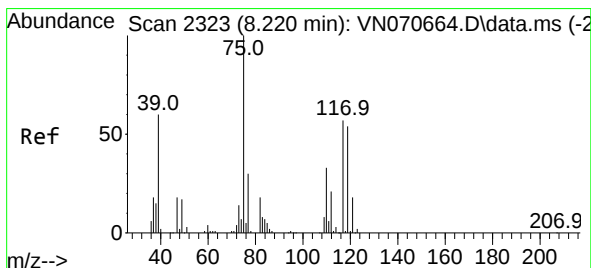
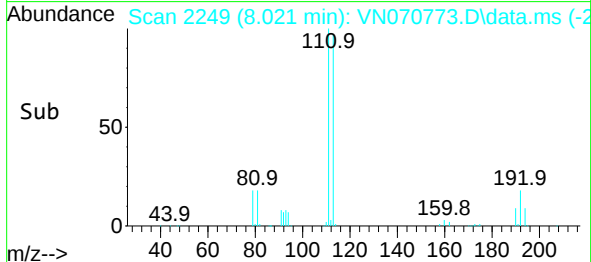
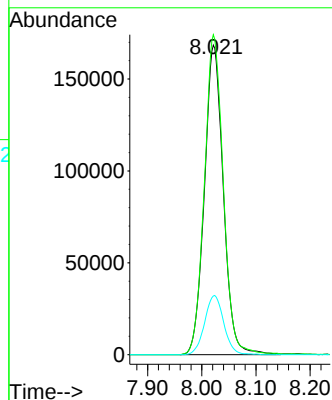
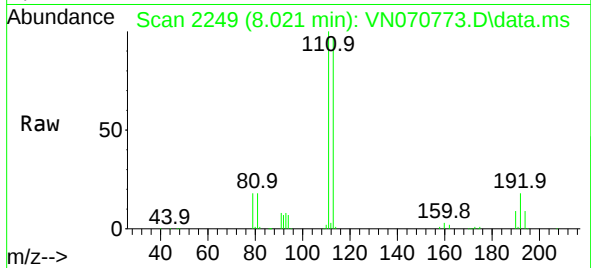




#35
Dibromofluoromethane
Concen: 47.725 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.002 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

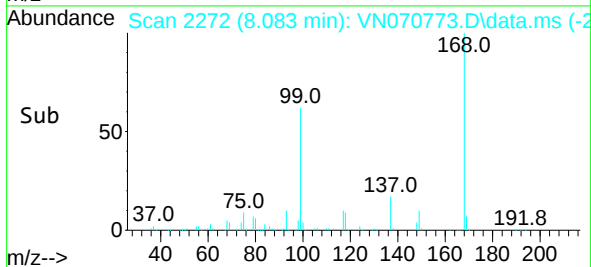
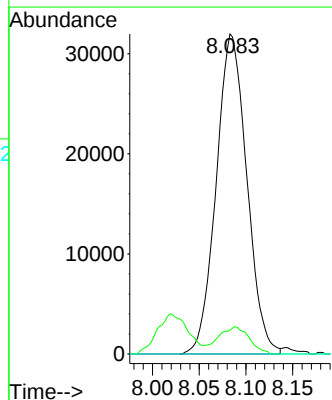
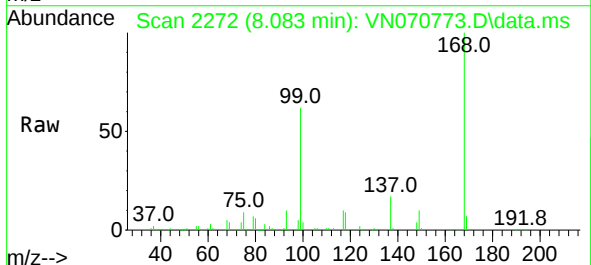
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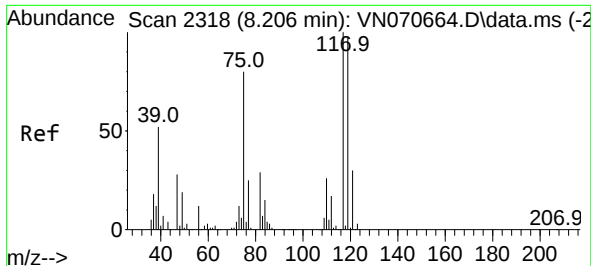
Tgt Ion:113 Resp: 409398
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.042 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

Tgt Ion: 75 Resp: 72816
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.4 36.6#

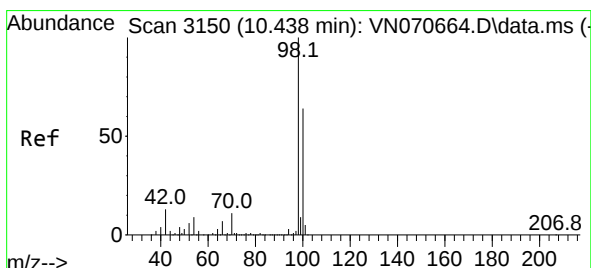
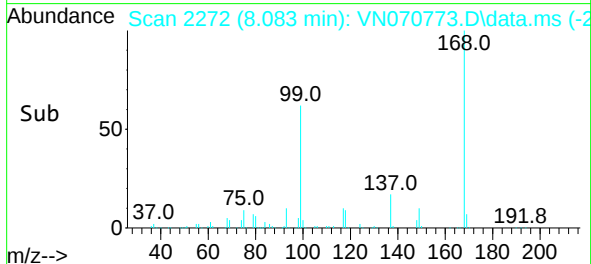
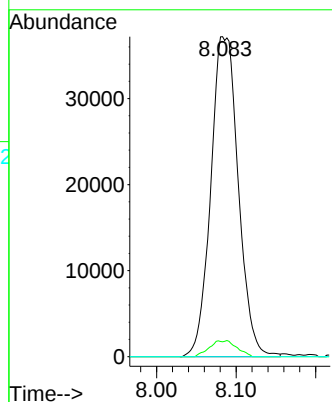
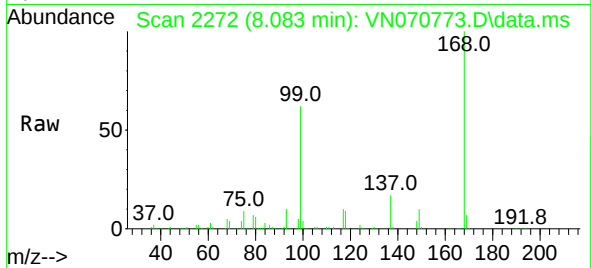




#38
Carbon Tetrachloride
Concen: 6.967 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.123 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

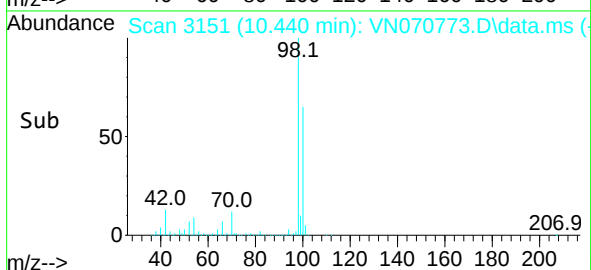
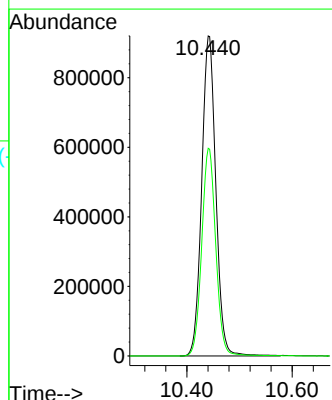
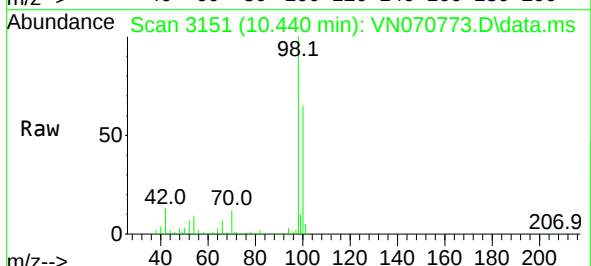
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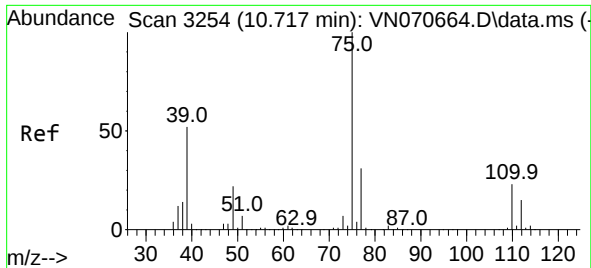
Tgt Ion:117 Resp: 89503
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.341 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

Tgt Ion: 98 Resp: 1710820
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6

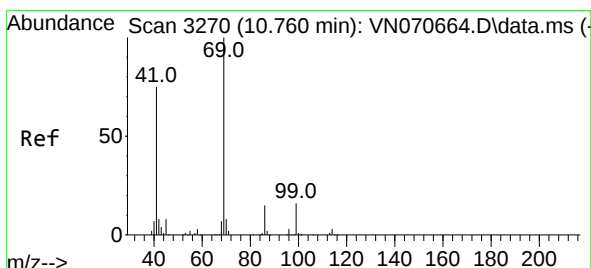
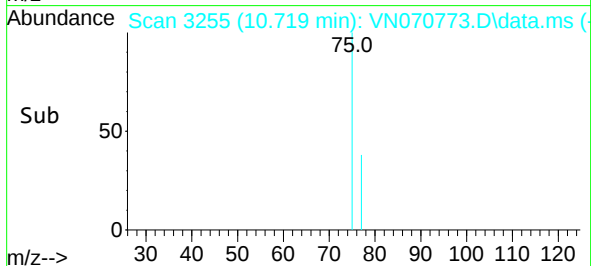
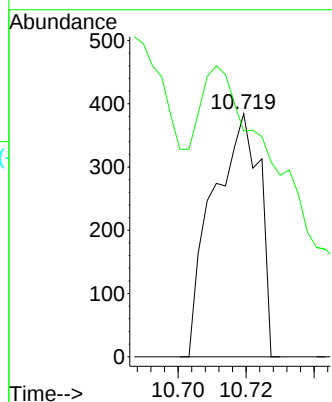
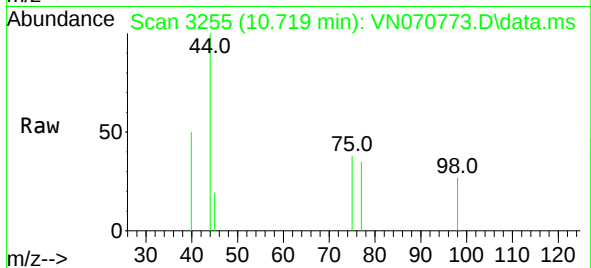




#53
t-1,3-Dichloropropene
Concen: 2.424 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

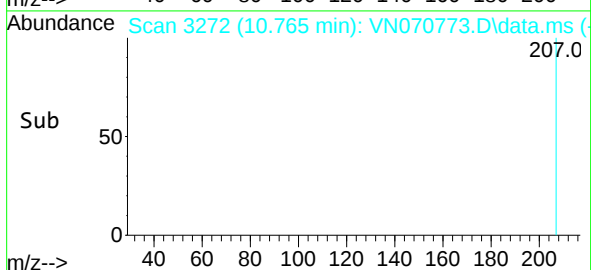
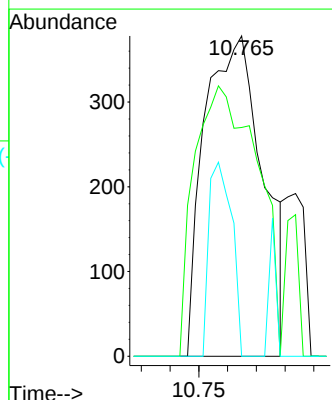
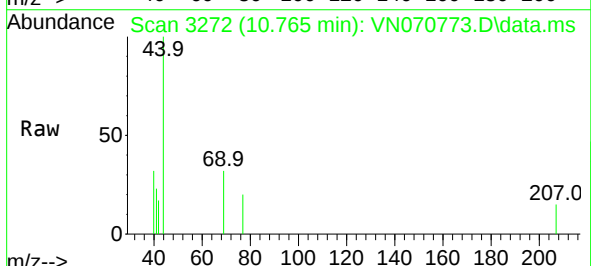
Instrument :
MSVOA_N
ClientSampleId :
MW-1

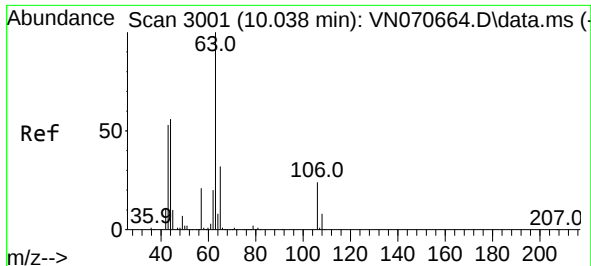
Tgt Ion: 75 Resp: 367
Ion Ratio Lower Upper
75 100
77 18.2 25.6 38.4#



#56
Ethyl methacrylate
Concen: 2.327 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.005 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

Tgt Ion: 69 Resp: 535
Ion Ratio Lower Upper
69 100
41 91.2 51.4 77.0#
39 23.7 34.6 52.0#

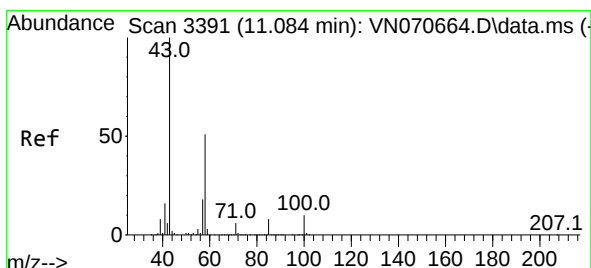
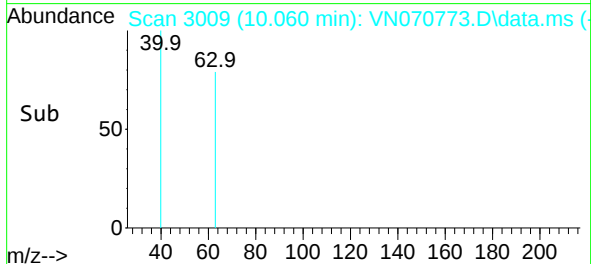
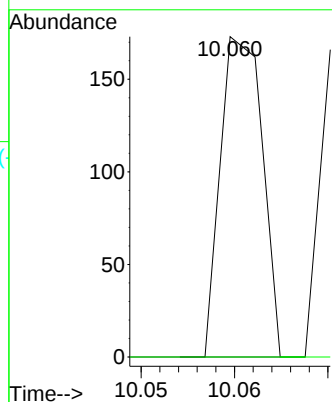
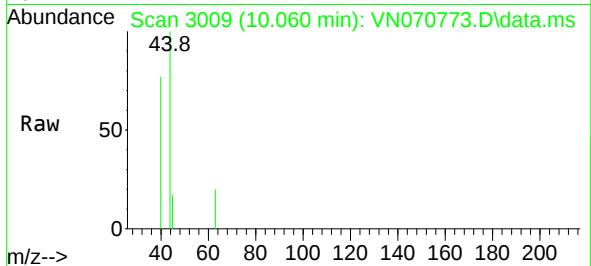




#58
2-Chloroethyl Vinyl ether
Concen: 21.247 ug/l
RT: 10.060 min Scan# 3009
Delta R.T. 0.022 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

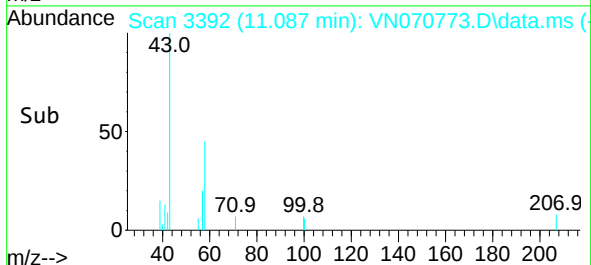
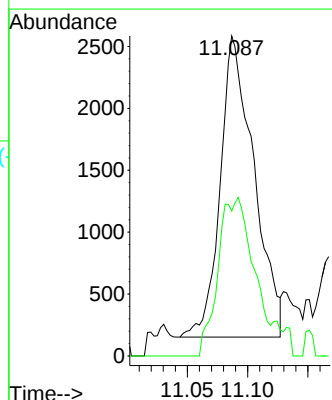
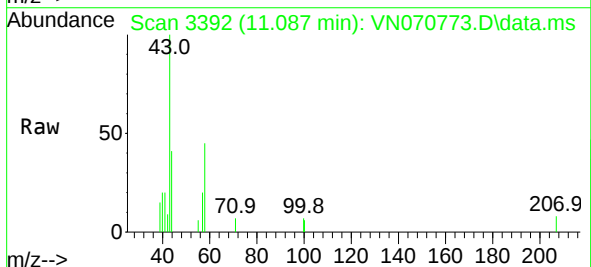
Instrument :
MSVOA_N
ClientSampleId :
MW-1

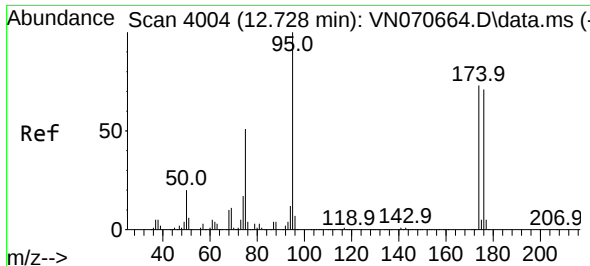
Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.349 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.003 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

Tgt Ion: 43 Resp: 4731
Ion Ratio Lower Upper
43 100
58 23.7 26.9 80.7#

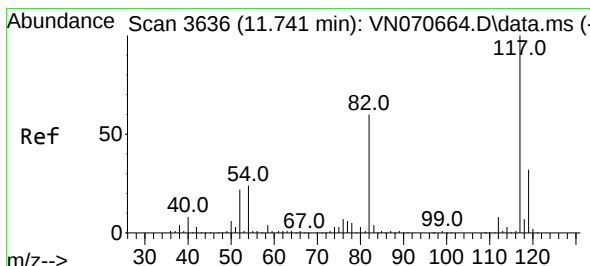
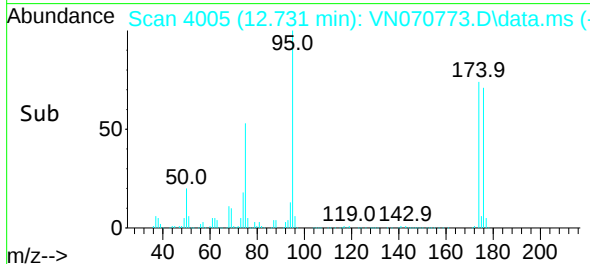
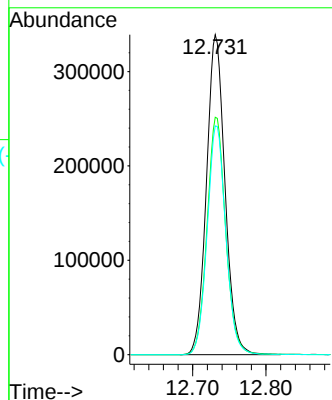
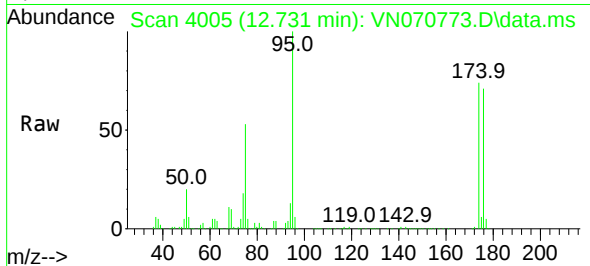




#62
4-Bromofluorobenzene
Concen: 46.249 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

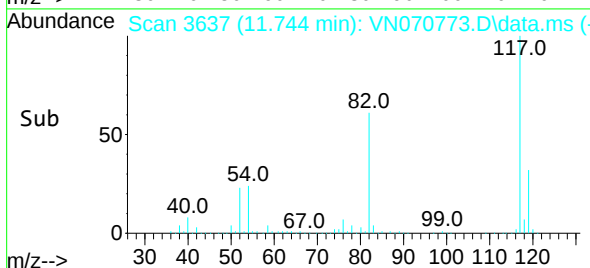
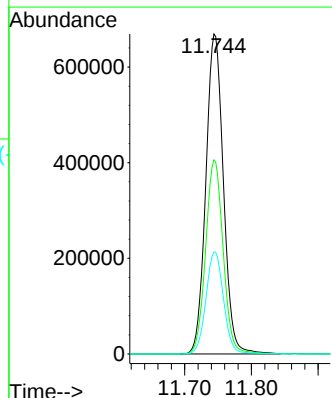
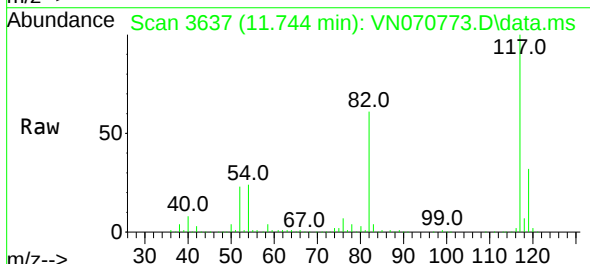
Instrument :
MSVOA_N
ClientSampleId :
MW-1

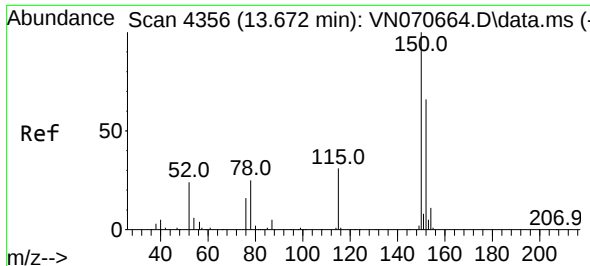
Tgt Ion: 95 Resp: 595577
Ion Ratio Lower Upper
95 100
174 74.5 0.0 187.2
176 71.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

Tgt Ion: 117 Resp: 1225085
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 31.9 25.4 38.2

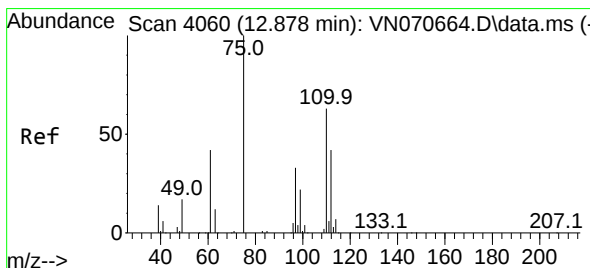
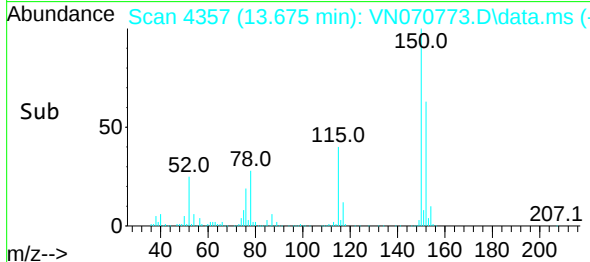
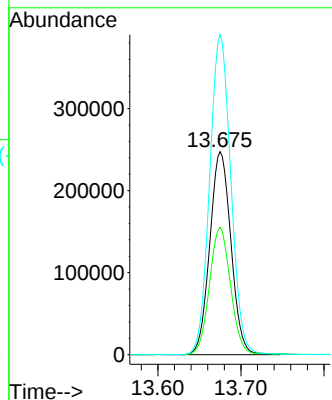
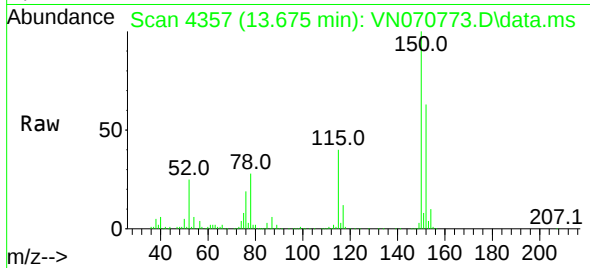




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070773.D
 Acq: 25 Jan 2022 14:48

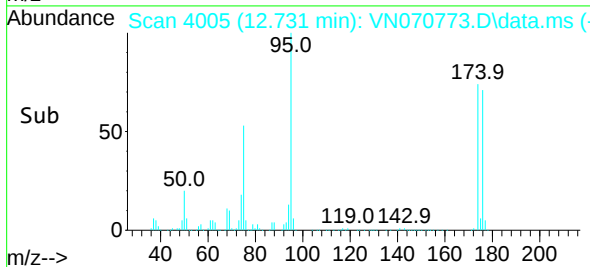
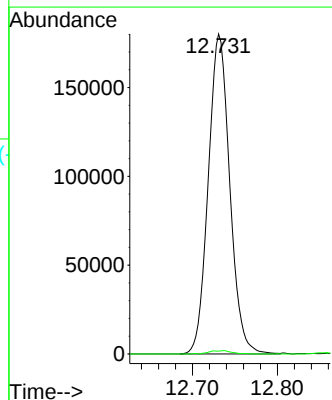
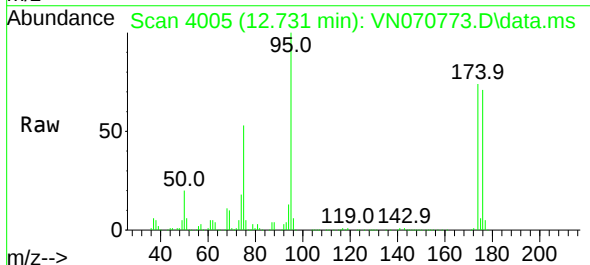
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

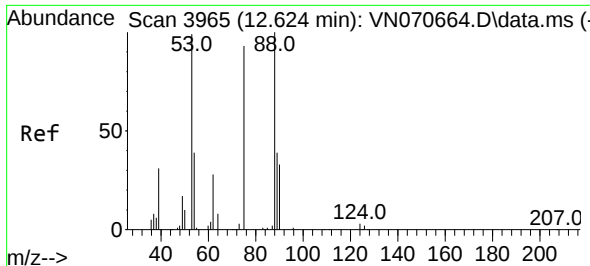
Tgt Ion:152 Resp: 438651
 Ion Ratio Lower Upper
 152 100
 115 62.3 27.5 82.5
 150 157.5 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 27.248 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.147 min
 Lab File: VN070773.D
 Acq: 25 Jan 2022 14:48

Tgt Ion: 75 Resp: 317006
 Ion Ratio Lower Upper
 75 100
 77 0.5 82.6 247.8#

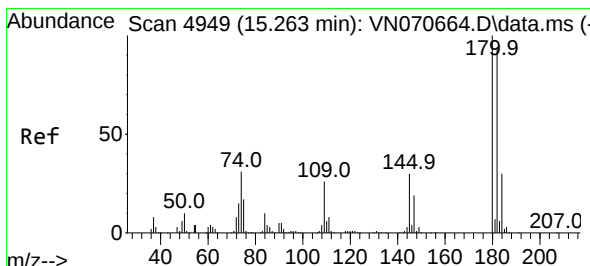
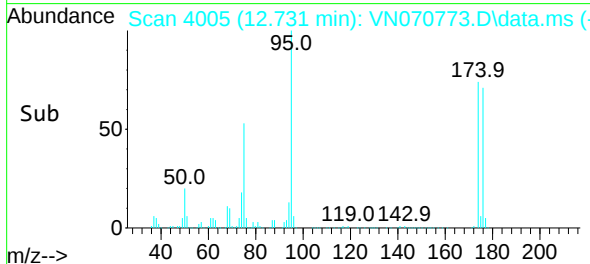
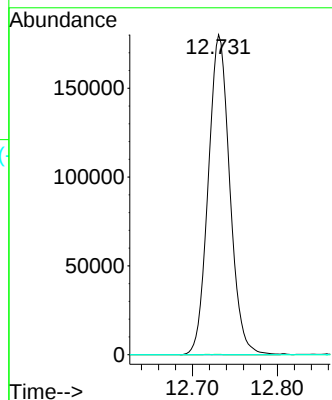
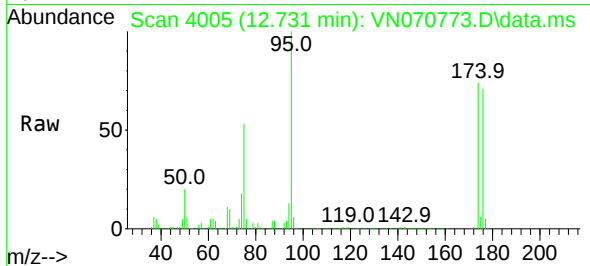




#81
trans-1,4-Dichloro-2-butene
Concen: 81.176 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

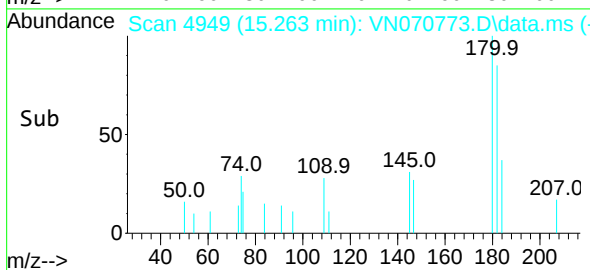
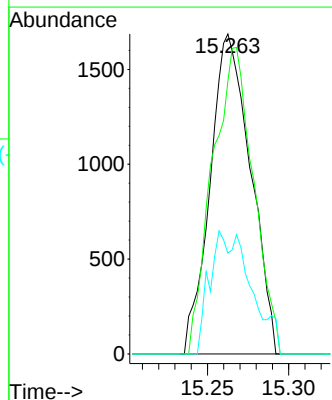
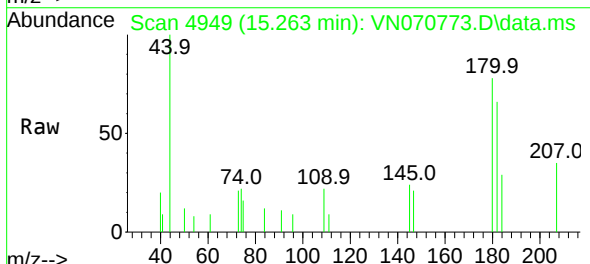
Instrument :
MSVOA_N
ClientSampleId :
MW-1

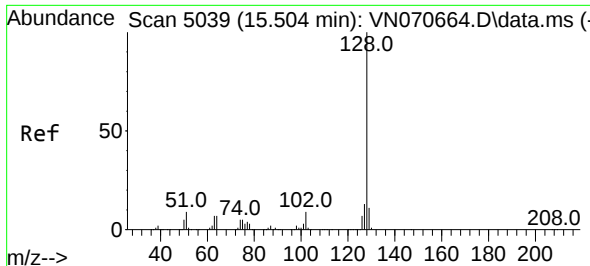
Tgt Ion: 75 Resp: 317006
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.760 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

Tgt Ion: 180 Resp: 2914
Ion Ratio Lower Upper
180 100
182 97.0 48.3 144.9
145 17.9 14.5 43.5

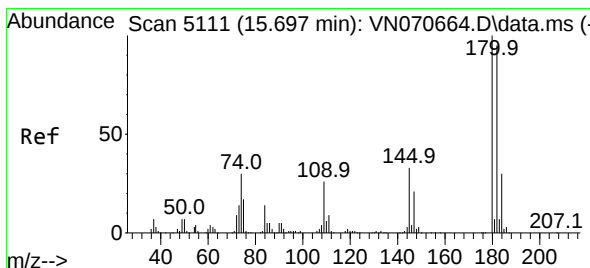
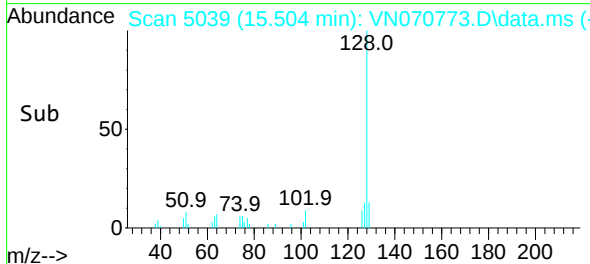
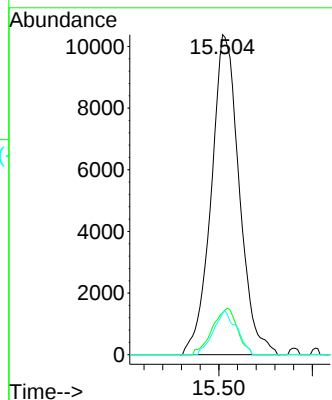
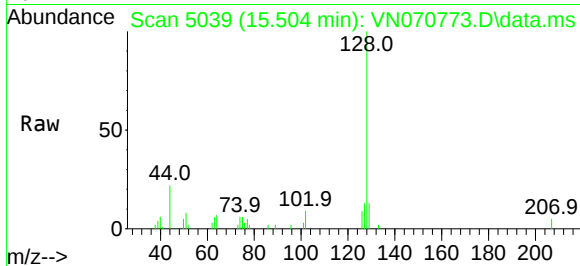




#95
Naphthalene
Concen: 5.803 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:	128	Resp:	21567
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	11.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.641 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. 0.003 min
Lab File: VN070773.D
Acq: 25 Jan 2022 14:48

Tgt Ion:	180	Resp:	3522
Ion Ratio	Lower	Upper	
180	100		
182	88.9	47.4	142.2
145	38.1	15.0	45.1

