

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012722\
 Data File : VN070813.D
 Acq On : 27 Jan 2022 18:12
 Operator : JC/MD
 Sample : N1278-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Jan 28 00:38:14 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)

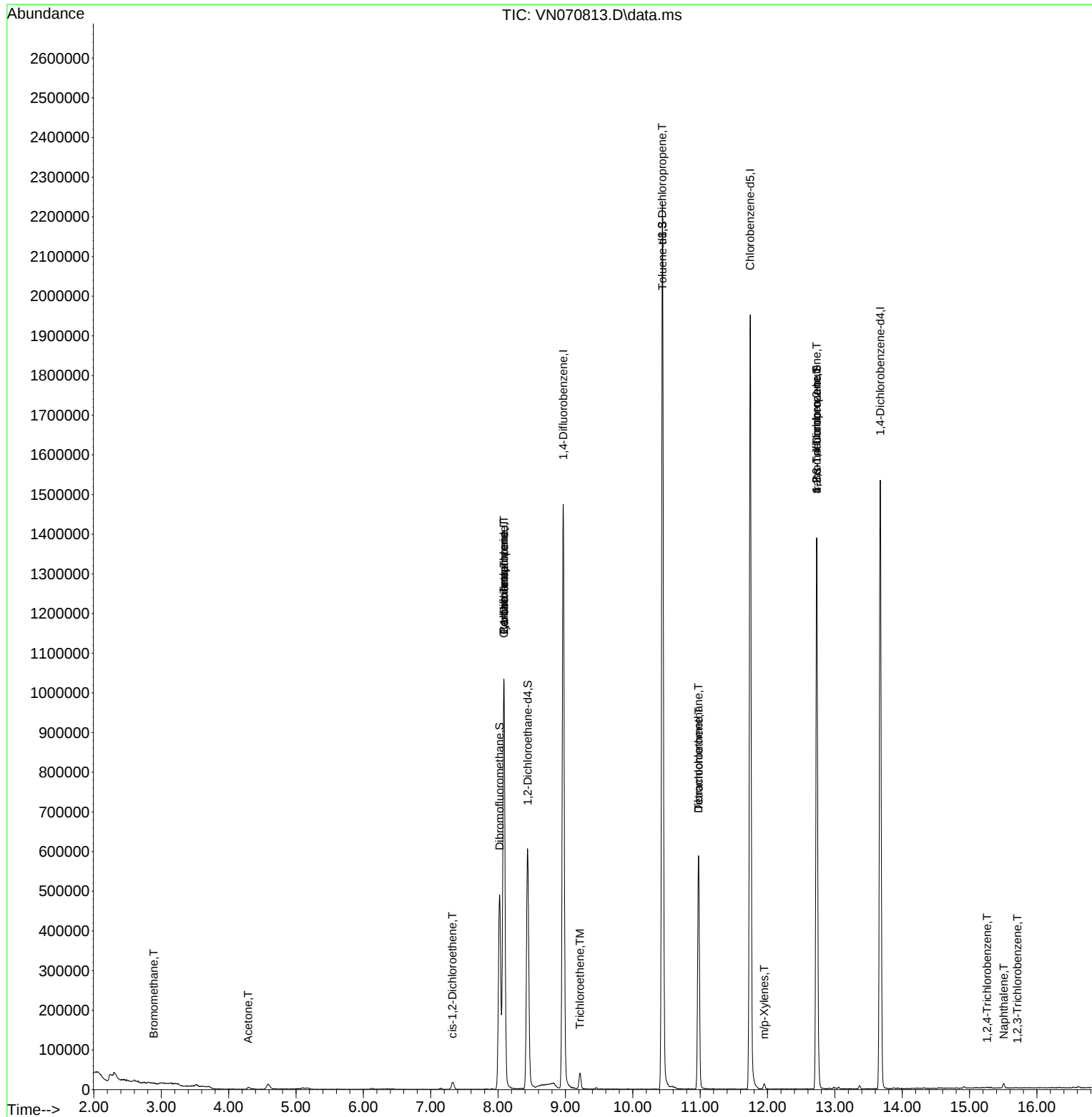
Internal Standards						
1) Pentafluorobenzene	8.086	168	775346	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1263056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1134033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	431886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	549073	49.413	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.820%
35) Dibromofluoromethane	8.024	113	376566	48.064	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.120%
50) Toluene-d8	10.440	98	1544502	46.795	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.580%
62) 4-Bromofluorobenzene	12.731	95	512803	43.600	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.200%
Target Compounds						
					Qvalue	
5) Bromomethane	2.888	94	1411	0.217	ug/l	# 70
16) Acetone	4.291	43	4071	0.528	ug/l	100
27) cis-1,2-Dichloroethene	7.324	96	11224	1.094	ug/l	95
30) Chloroform	7.820	83	95	Below Cal	#	27
31) Cyclohexane	8.088	56	19360	0.989	ug/l	# 12
36) 1,1-Dichloropropene	8.086	75	65591	4.973	ug/l	# 49
38) Carbon Tetrachloride	8.086	117	80116	6.828	ug/l	# 16
44) Trichloroethene	9.215	130	14247	1.538	ug/l	91
53) t-1,3-Dichloropropene	10.435	75	471	2.432	ug/l	# 4
60) Dibromochloromethane	10.974	129	134583	15.024	ug/l	# 11
64) Tetrachloroethene	10.977	164	139103	16.730	ug/l	96
68) m/p-Xylenes	11.950	106	4378	0.264	ug/l	87
76) 1,2,3-Trichloropropane	12.731	75	277364	24.214	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.731	75	277364	72.137	ug/l	# 5
93) 1,2,4-Trichlorobenzene	15.260	180	502	3.484	ug/l	# 16
95) Naphthalene	15.507	128	11501	5.411	ug/l	# 89
96) 1,2,3-Trichlorobenzene	15.711	180	115	3.230	ug/l	# 1

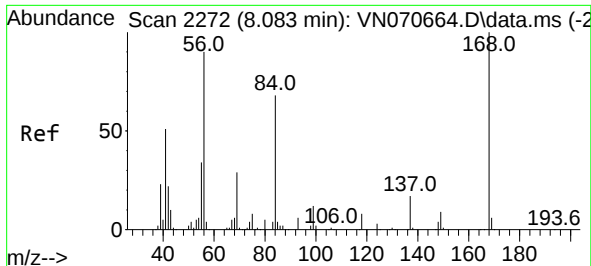
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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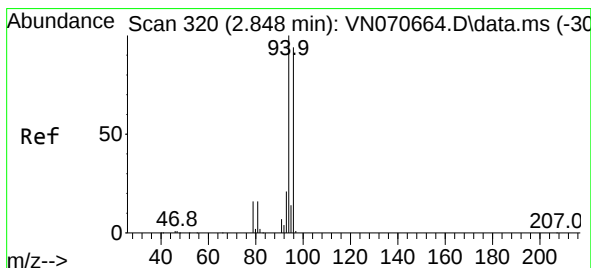
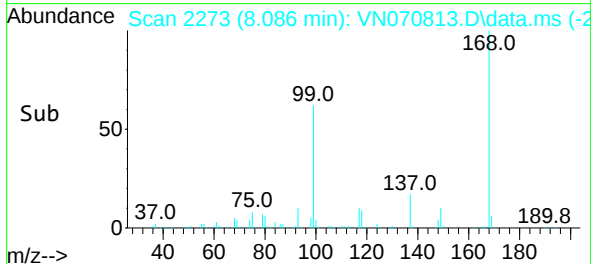
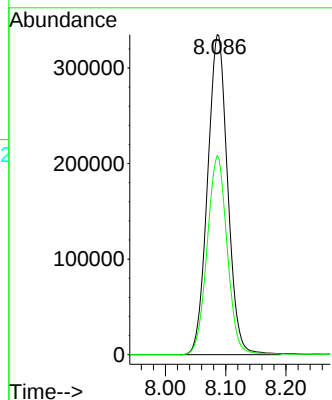
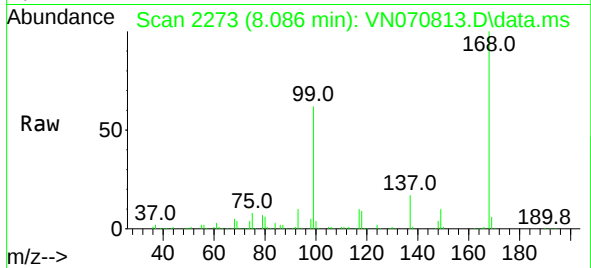




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

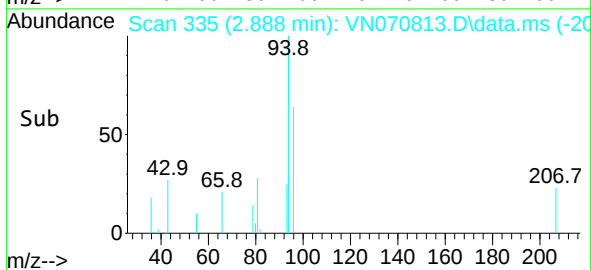
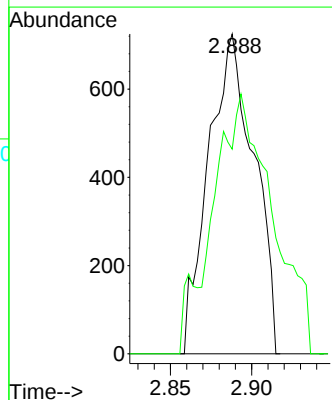
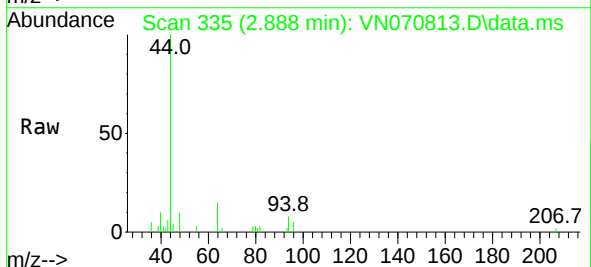
Instrument :
MSVOA_N
ClientSampleId :
MW-5

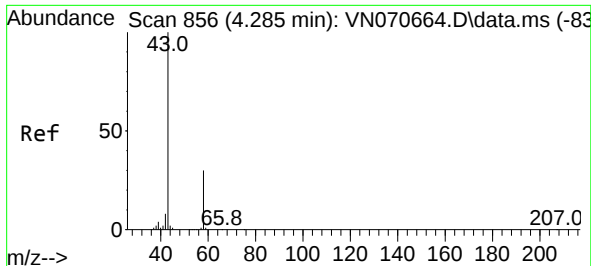
Tgt Ion:168 Resp: 775346
Ion Ratio Lower Upper
168 100
99 62.2 41.3 61.9#



#5
Bromomethane
Concen: 0.217 ug/l
RT: 2.888 min Scan# 335
Delta R.T. 0.040 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

Tgt Ion: 94 Resp: 1411
Ion Ratio Lower Upper
94 100
96 64.0 73.8 110.8#

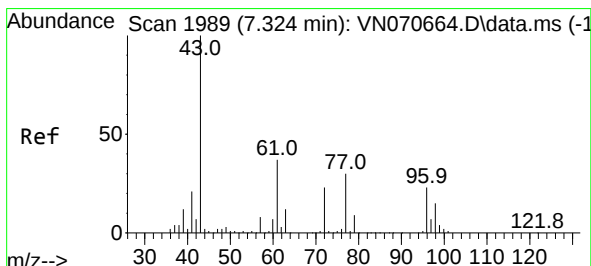
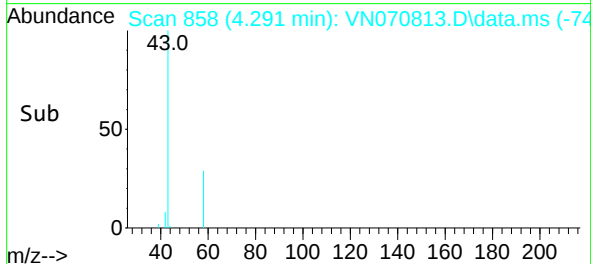
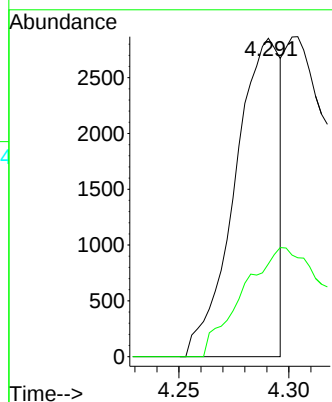
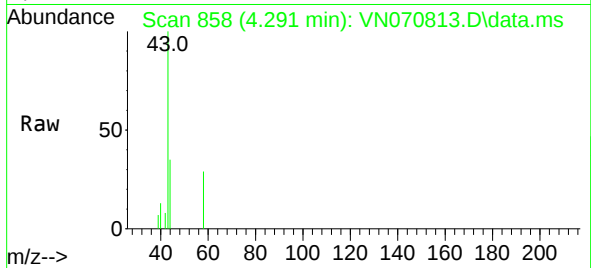




#16
Acetone
Concen: 0.528 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

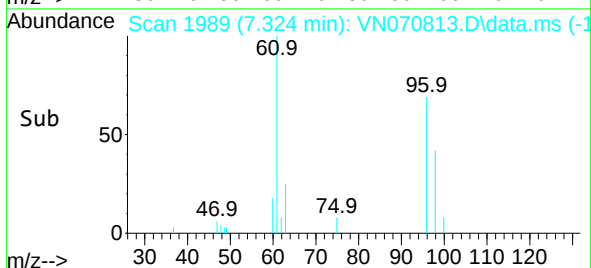
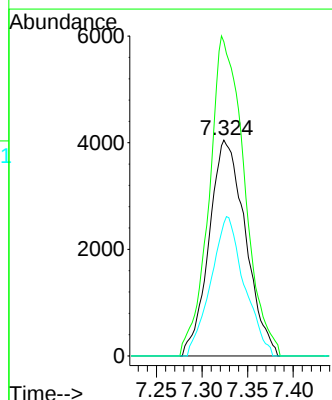
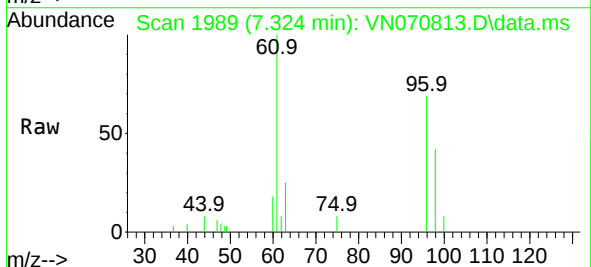
Instrument :
MSVOA_N
ClientSampleId :
MW-5

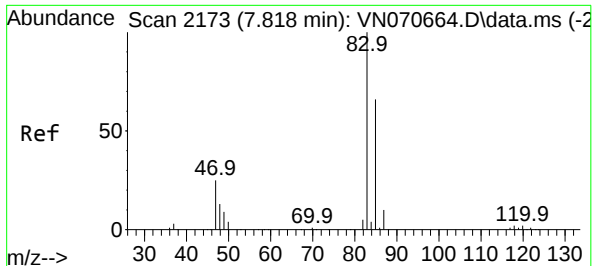
Tgt Ion: 43 Resp: 4071
Ion Ratio Lower Upper
43 100
58 29.2 23.1 34.7



#27
cis-1,2-Dichloroethene
Concen: 1.094 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

Tgt Ion: 96 Resp: 11224
Ion Ratio Lower Upper
96 100
61 143.0 0.0 275.0
98 59.4 0.0 129.6

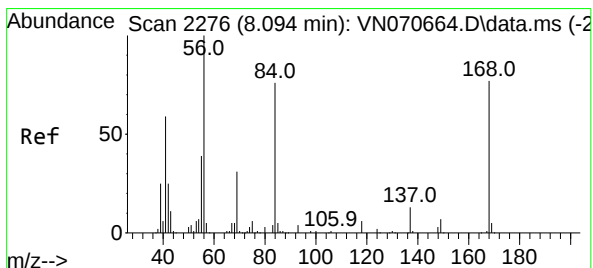
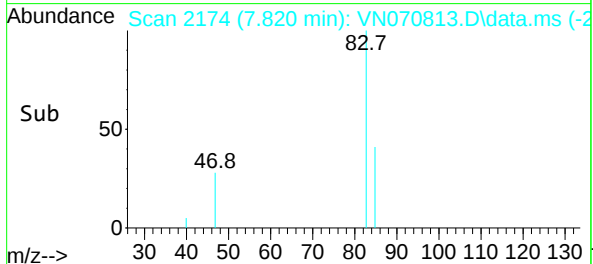
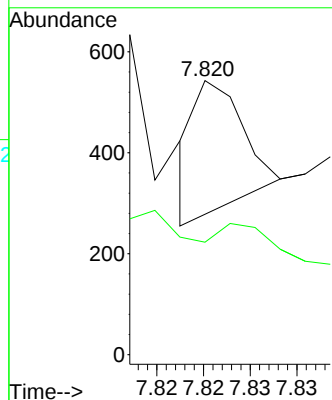
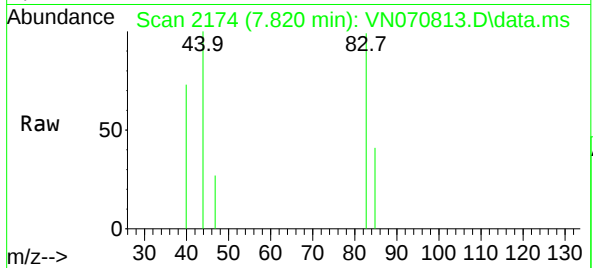




#30
Chloroform
Concen: Below Cal
RT: 7.820 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

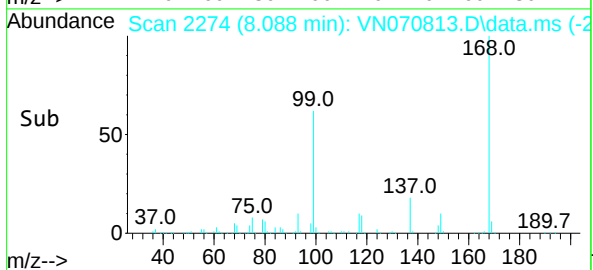
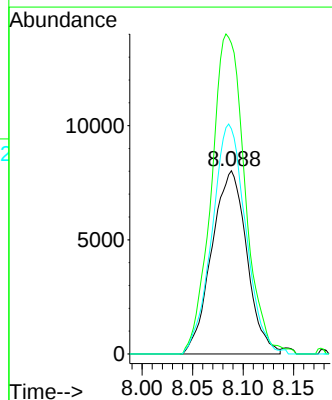
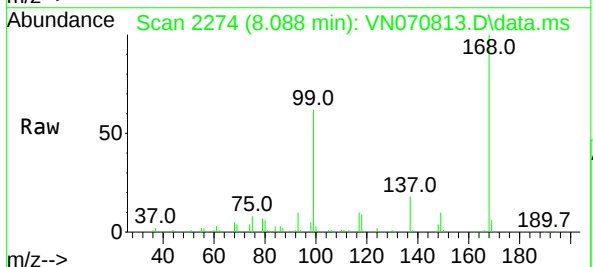
Instrument :
MSVOA_N
ClientSampleId :
MW-5

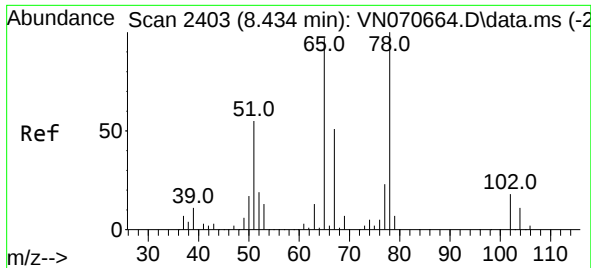
Tgt Ion: 83 Resp: 95
Ion Ratio Lower Upper
83 100
85 7.2 51.9 77.9#



#31
Cyclohexane
Concen: 0.989 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

Tgt Ion: 56 Resp: 19360
Ion Ratio Lower Upper
56 100
69 169.5 27.1 40.7#
84 122.9 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 49.413 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.006 min

Lab File: VN070813.D

Acq: 27 Jan 2022 18:12

Instrument :

MSVOA_N

ClientSampleId :

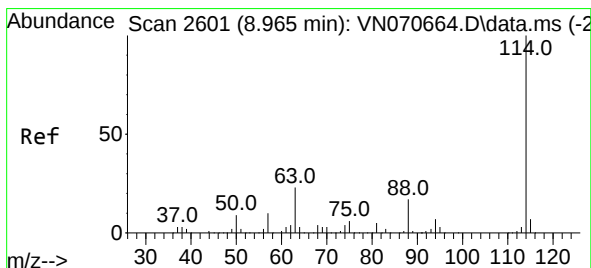
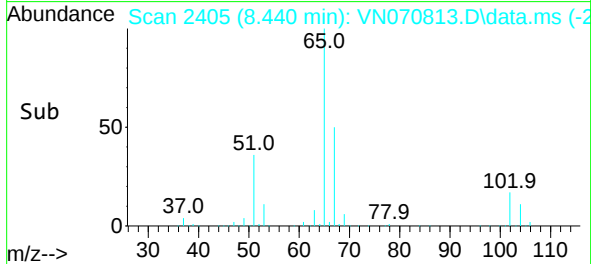
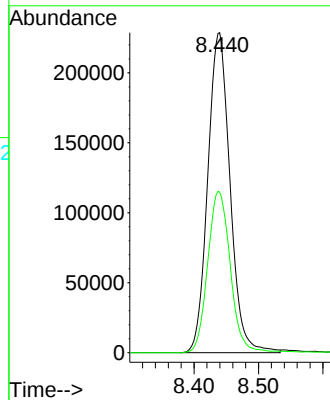
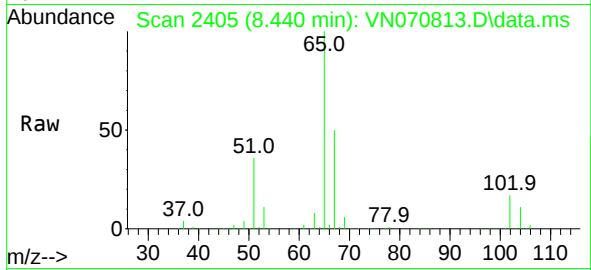
MW-5

Tgt Ion: 65 Resp: 549073

Ion Ratio Lower Upper

65 100

67 50.9 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: VN070813.D

Acq: 27 Jan 2022 18:12

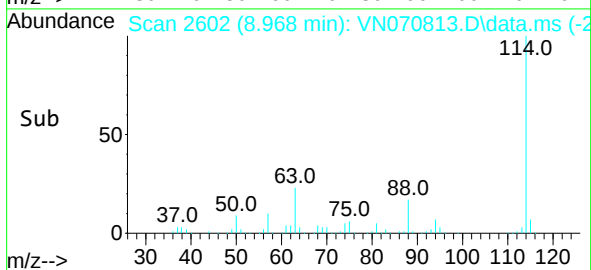
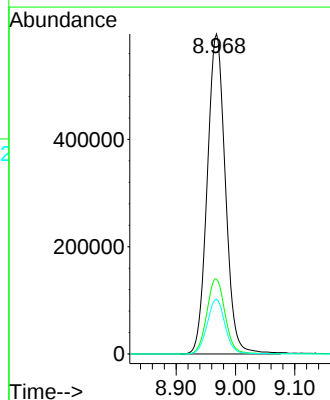
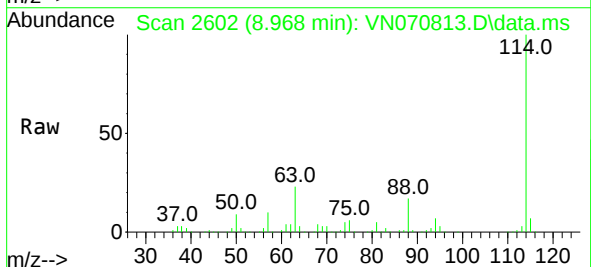
Tgt Ion: 114 Resp: 1263056

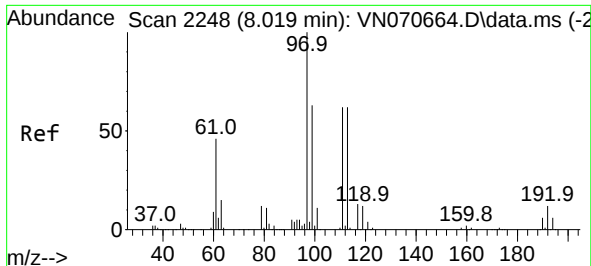
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 17.1 0.0 27.4





#35

Dibromofluoromethane

Concen: 48.064 ug/l

RT: 8.024 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN070813.D

Acq: 27 Jan 2022 18:12

Instrument :

MSVOA_N

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MW-5

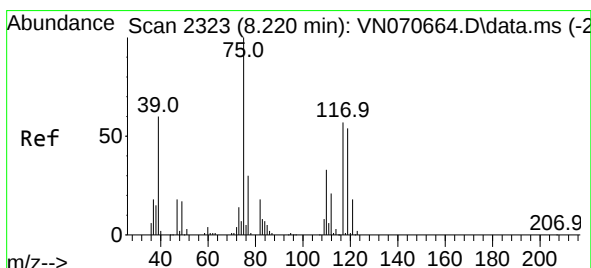
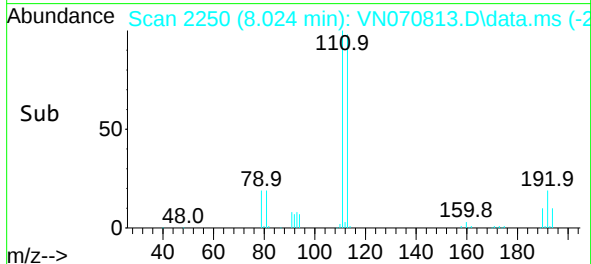
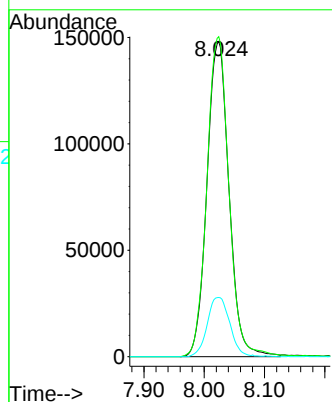
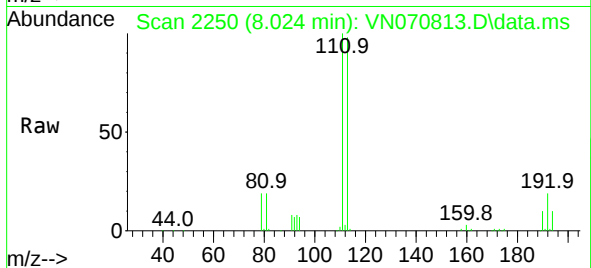
Tgt Ion:113 Resp: 376566

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

192 19.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.973 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.134 min

Lab File: VN070813.D

Acq: 27 Jan 2022 18:12

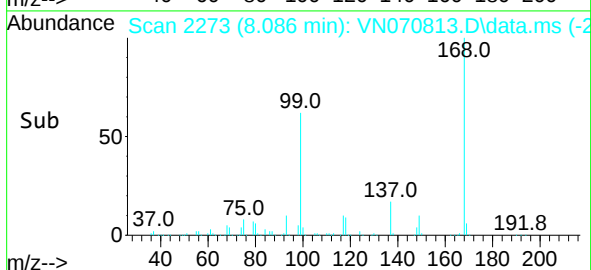
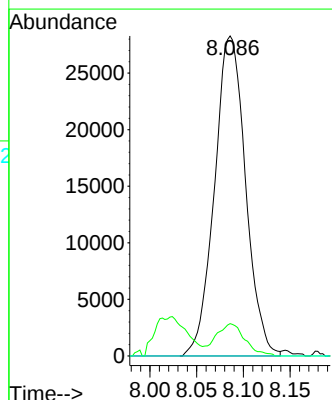
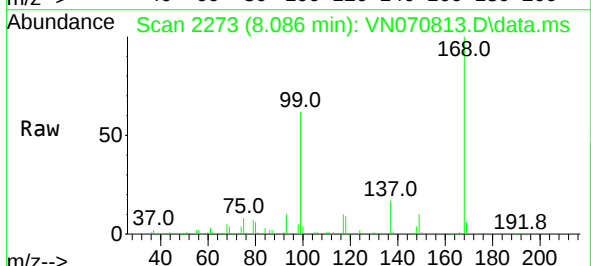
Tgt Ion: 75 Resp: 65591

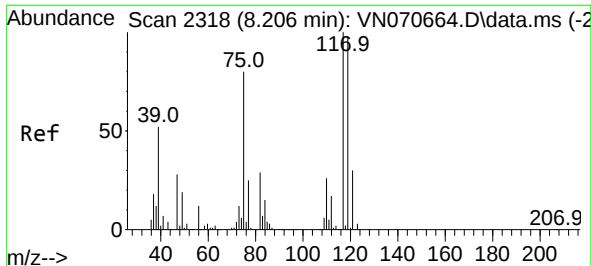
Ion Ratio Lower Upper

75 100

110 9.4 18.4 55.2#

77 0.0 24.4 36.6#

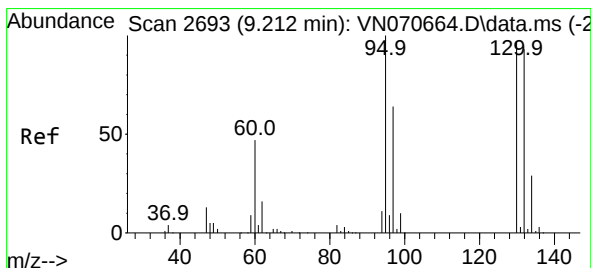
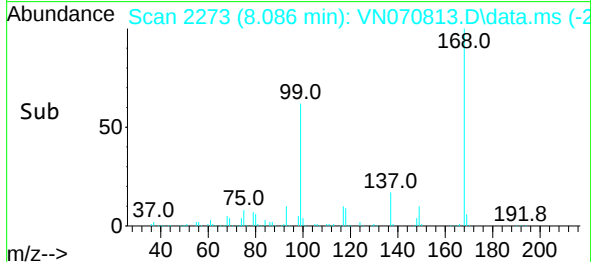
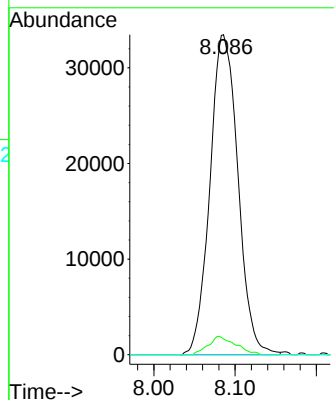
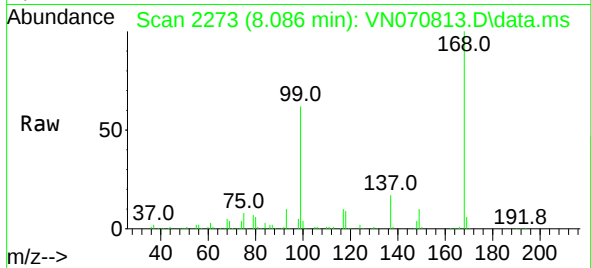




#38
Carbon Tetrachloride
Concen: 6.828 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

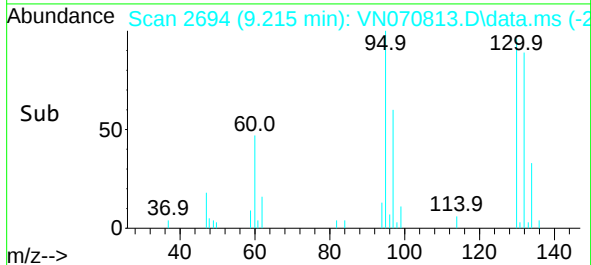
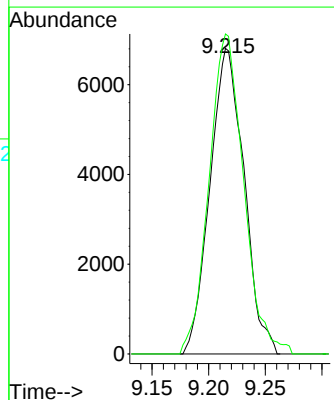
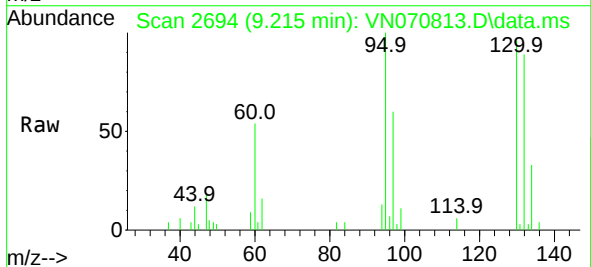
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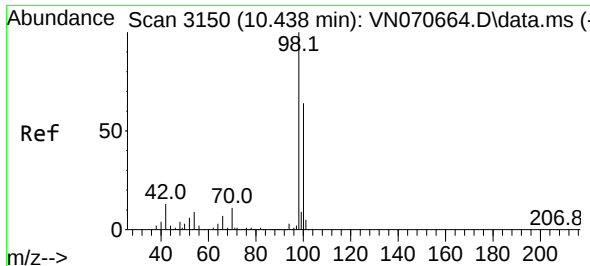
Tgt Ion:117 Resp: 80116
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 1.538 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

Tgt Ion:130 Resp: 14247
Ion Ratio Lower Upper
130 100
95 104.7 0.0 191.2

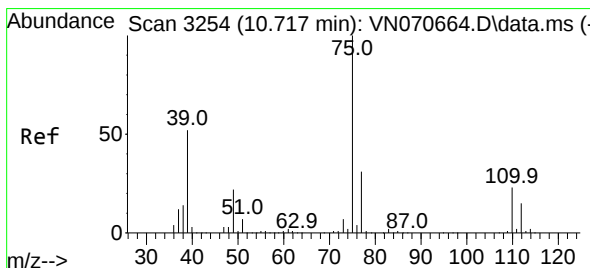
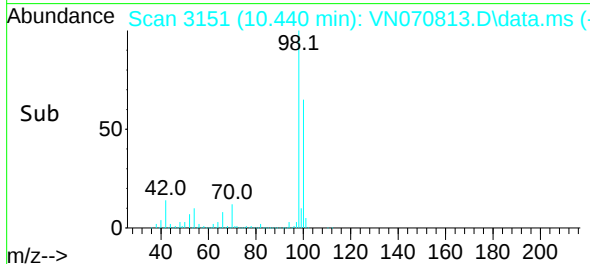
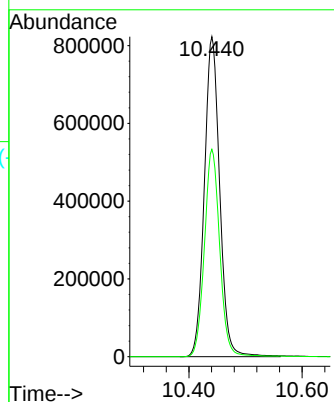
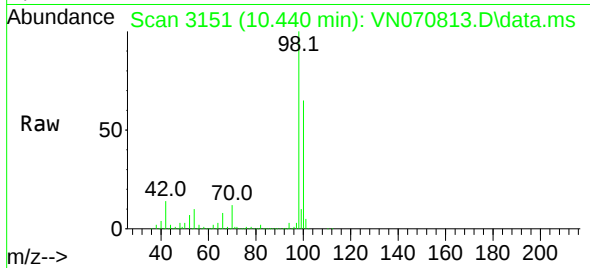




#50
Toluene-d8
Concen: 46.795 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

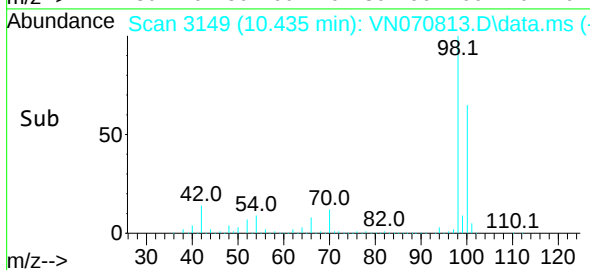
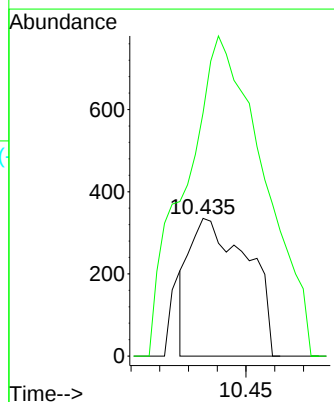
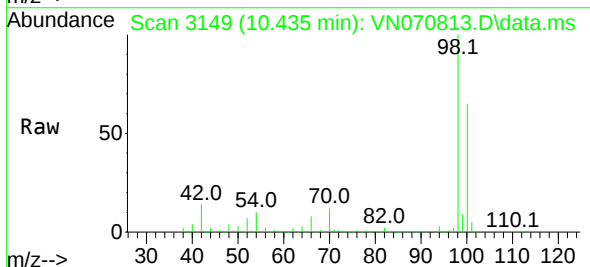
Instrument :
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ClientSampleId :
MW-5

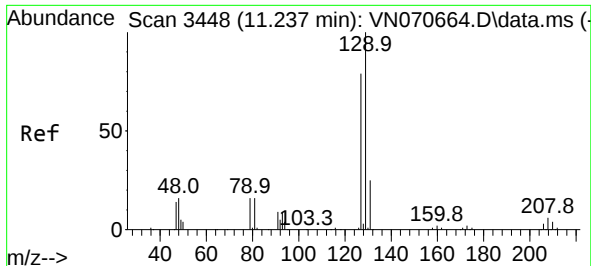
Tgt Ion: 98 Resp: 1544502
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.432 ug/l
RT: 10.435 min Scan# 3149
Delta R.T. -0.282 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

Tgt Ion: 75 Resp: 471
Ion Ratio Lower Upper
75 100
77 85.7 25.6 38.4#

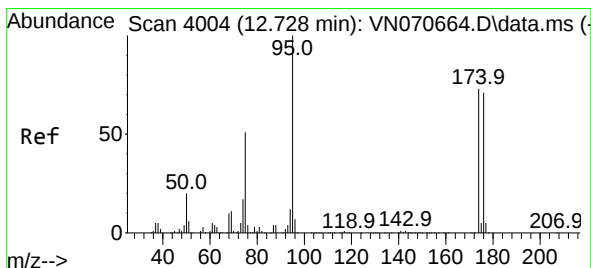
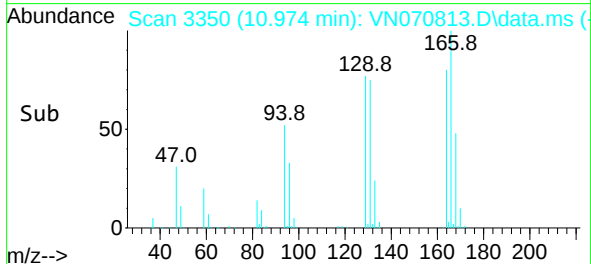
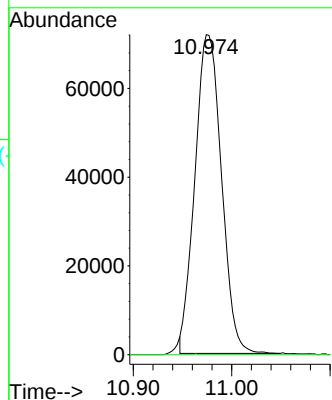
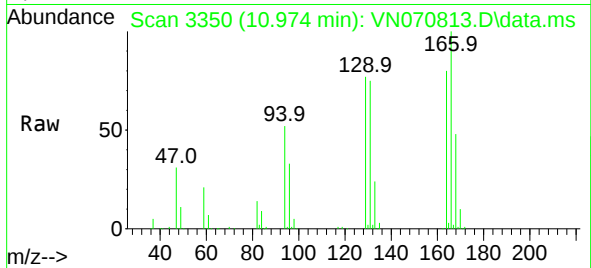




#60
Dibromochloromethane
Concen: 15.024 ug/l
RT: 10.974 min Scan# 31
Delta R.T. -0.263 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

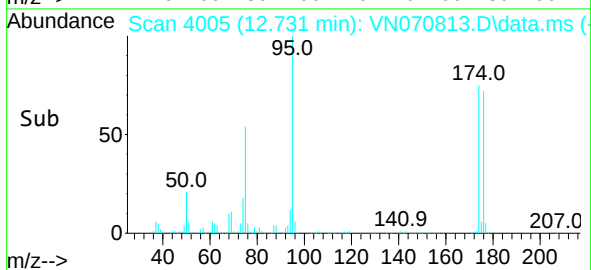
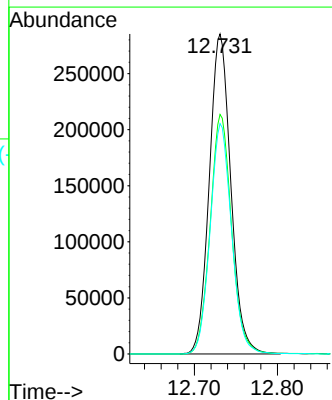
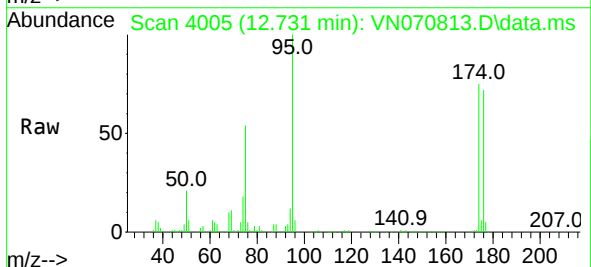
Instrument :
MSVOA_N
ClientSampleId :
MW-5

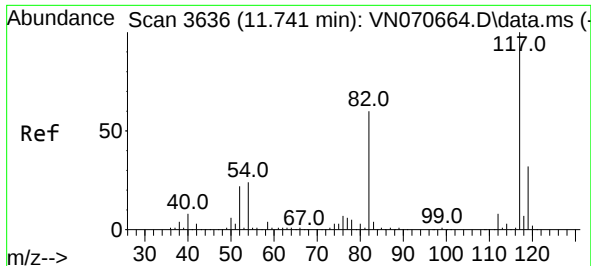
Tgt Ion:129 Resp: 134583
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 43.600 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

Tgt Ion: 95 Resp: 512803
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 71.6 0.0 181.4

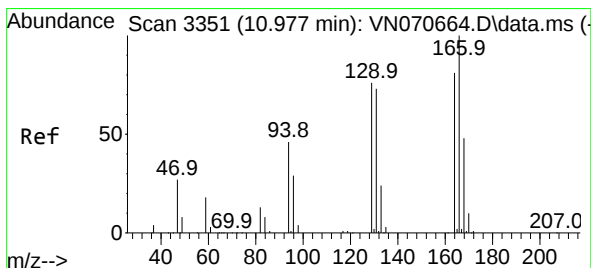
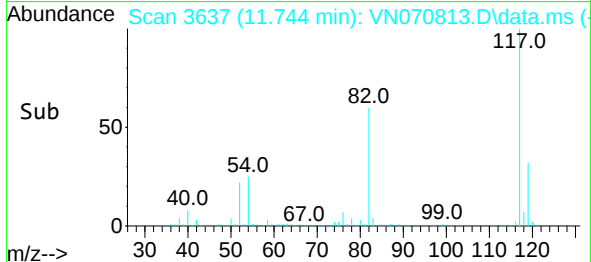
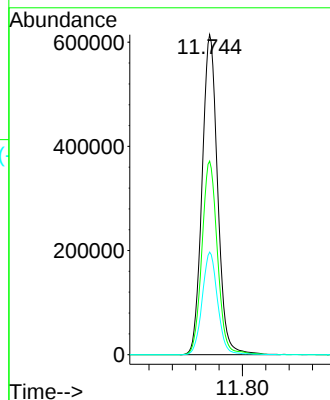
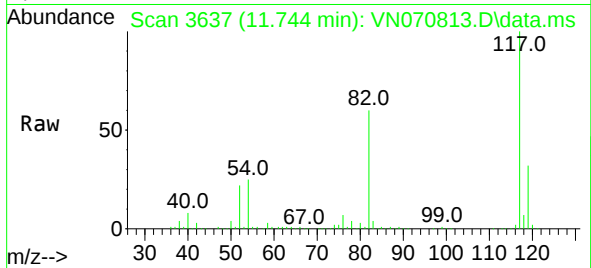




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

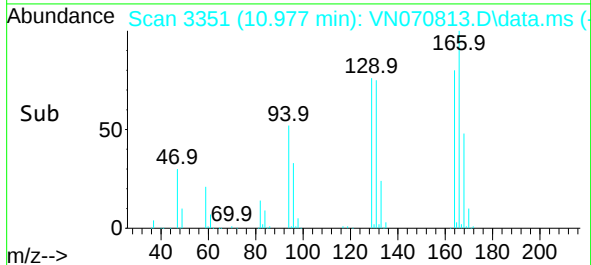
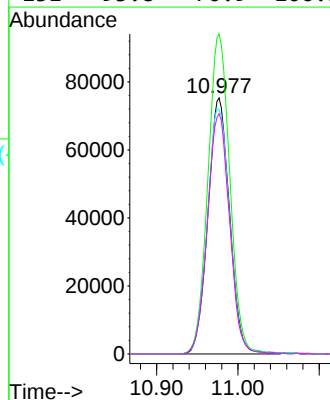
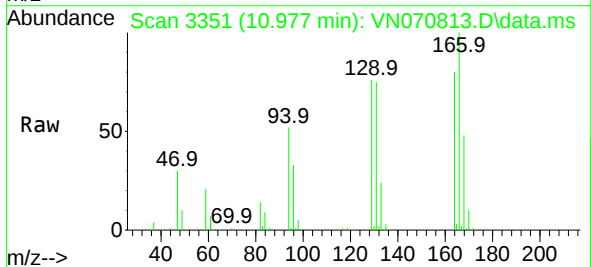
Instrument :
MSVOA_N
ClientSampleId :
MW-5

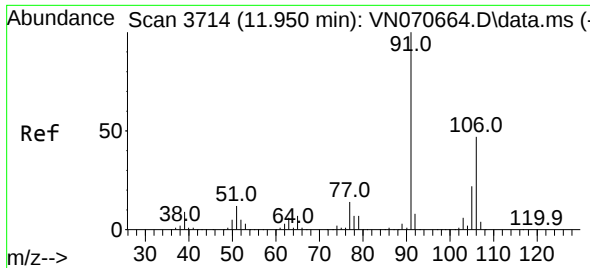
Tgt Ion:117 Resp: 1134033
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 16.730 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

Tgt Ion:164 Resp: 139103
Ion Ratio Lower Upper
164 100
166 125.0 101.9 152.9
129 95.5 72.0 108.0
131 93.8 70.9 106.3

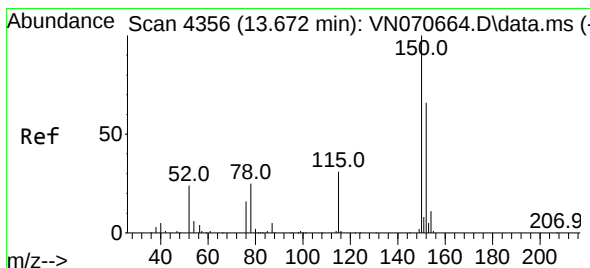
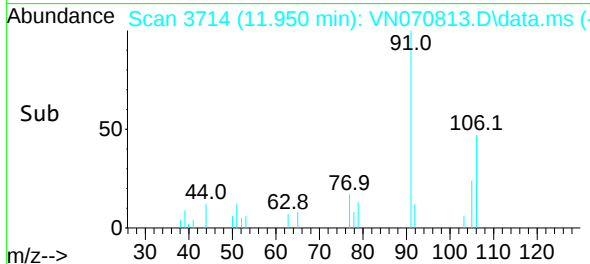
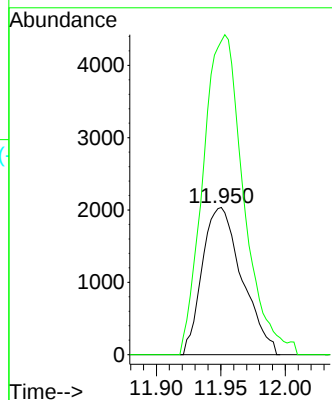
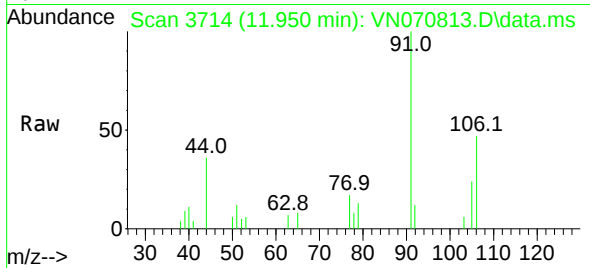




#68
m/p-Xylenes
Concen: 0.264 ug/l
RT: 11.950 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

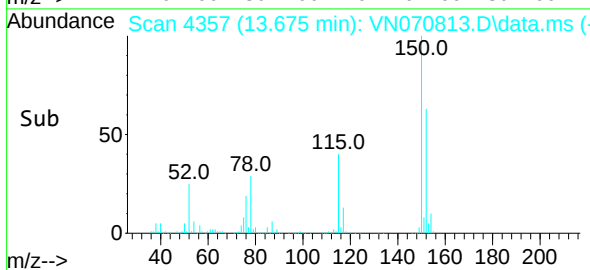
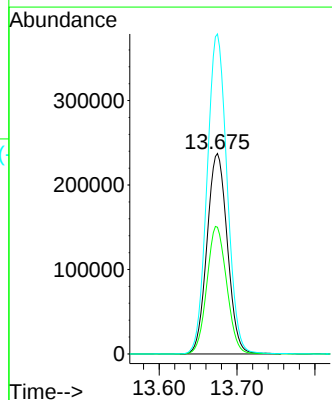
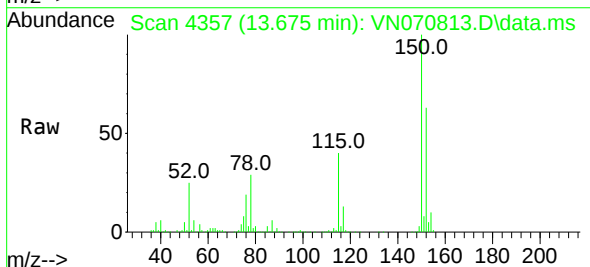
Instrument :
MSVOA_N
ClientSampleId :
MW-5

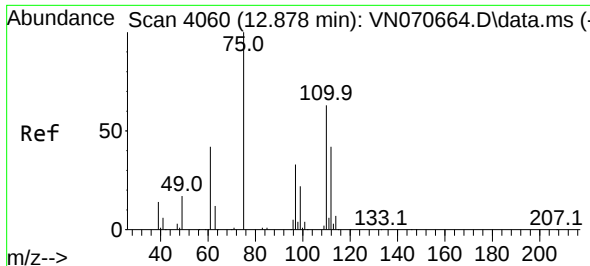
Tgt Ion:106 Resp: 4378
Ion Ratio Lower Upper
106 100
91 221.2 160.6 240.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

Tgt Ion:152 Resp: 431886
Ion Ratio Lower Upper
152 100
115 62.0 27.5 82.5
150 156.6 0.0 344.4

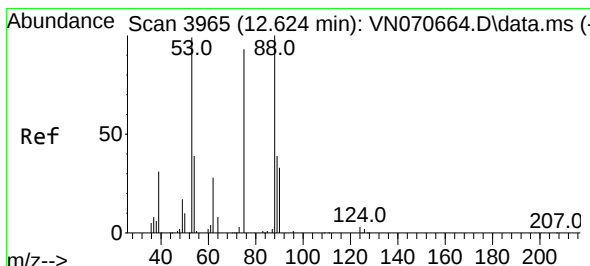
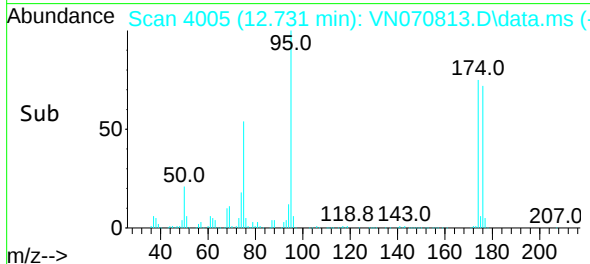
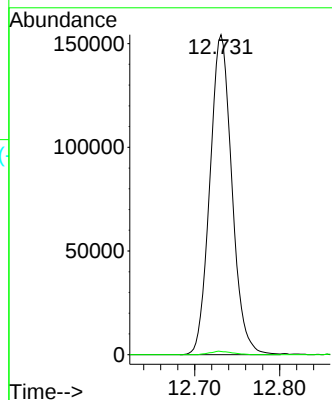
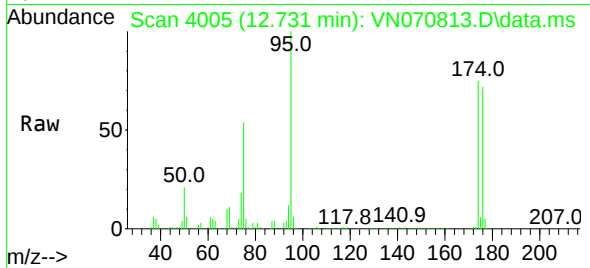




#76
1,2,3-Trichloropropane
Concen: 24.214 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

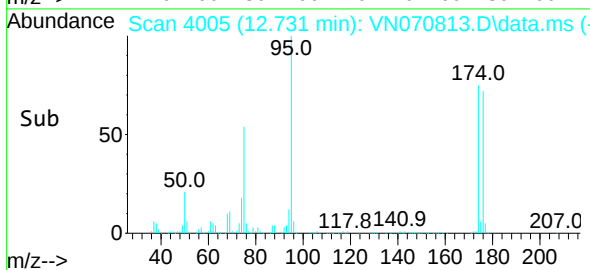
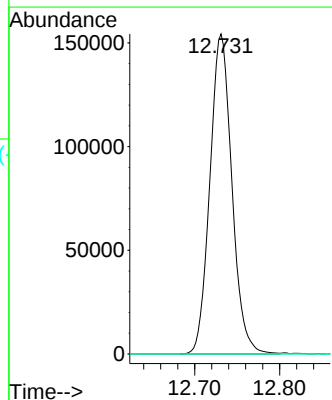
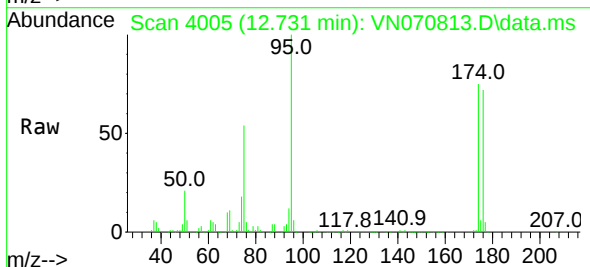
Instrument :
MSVOA_N
ClientSampleId :
MW-5

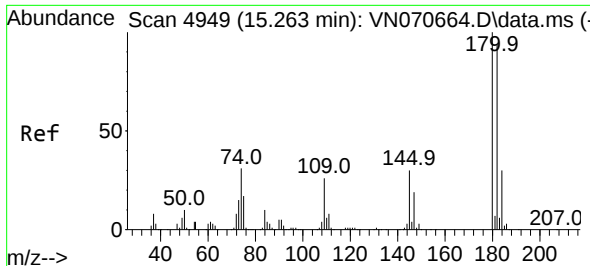
Tgt Ion: 75 Resp: 277364
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.137 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

Tgt Ion: 75 Resp: 277364
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

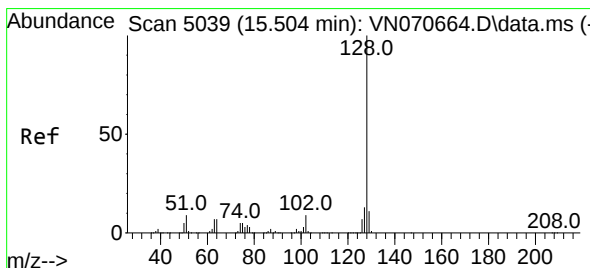
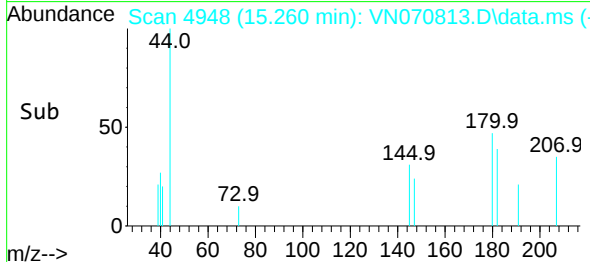
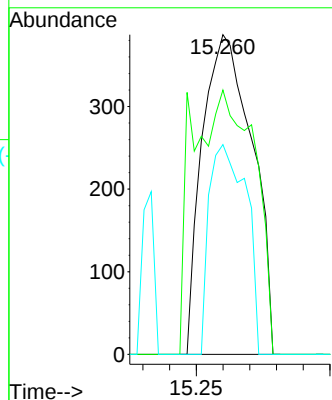
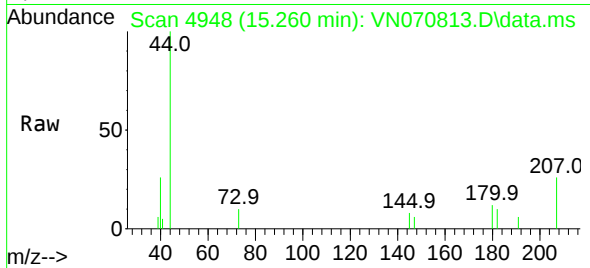




#93
1,2,4-Trichlorobenzene
Concen: 3.484 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

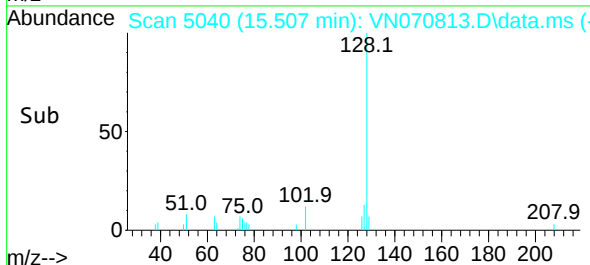
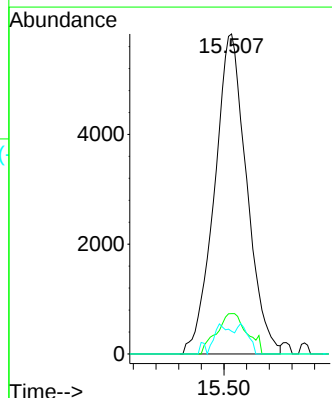
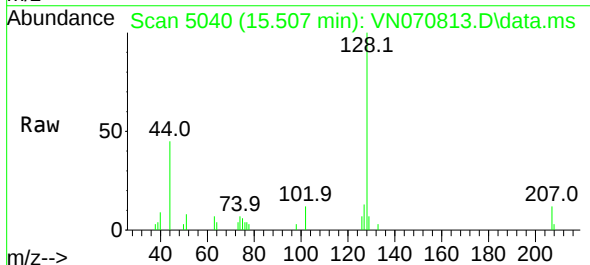
Instrument :
MSVOA_N
ClientSampleId :
MW-5

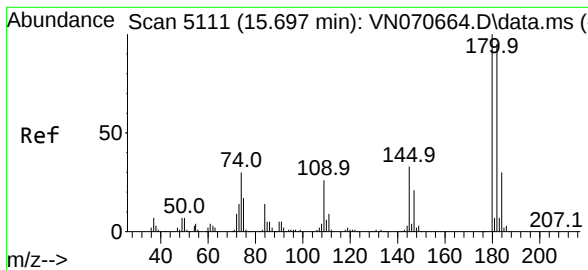
Tgt Ion:180 Resp: 502
Ion Ratio Lower Upper
180 100
182 0.0 48.3 144.9#
145 48.6 14.5 43.5#



#95
Naphthalene
Concen: 5.411 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070813.D
Acq: 27 Jan 2022 18:12

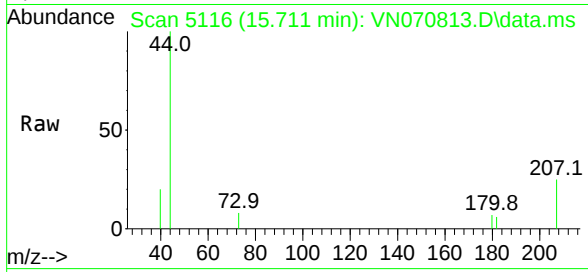
Tgt Ion:128 Resp: 11501
Ion Ratio Lower Upper
128 100
127 11.9 10.5 15.7
129 3.4 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.230 ug/l
 RT: 15.711 min Scan# 51
 Delta R.T. 0.014 min
 Lab File: VN070813.D
 Acq: 27 Jan 2022 18:12

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5



Tgt Ion:	180	Resp:	115
Ion	Ratio	Lower	Upper
180	100		
182	337.4	47.4	142.2#
145	0.0	15.0	45.1#

