

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071687.D
 Acq On : 31 Mar 2022 03:21
 Operator : JC\MD
 Sample : N2075-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-178S-20220322

Quant Time: Mar 31 07:47:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

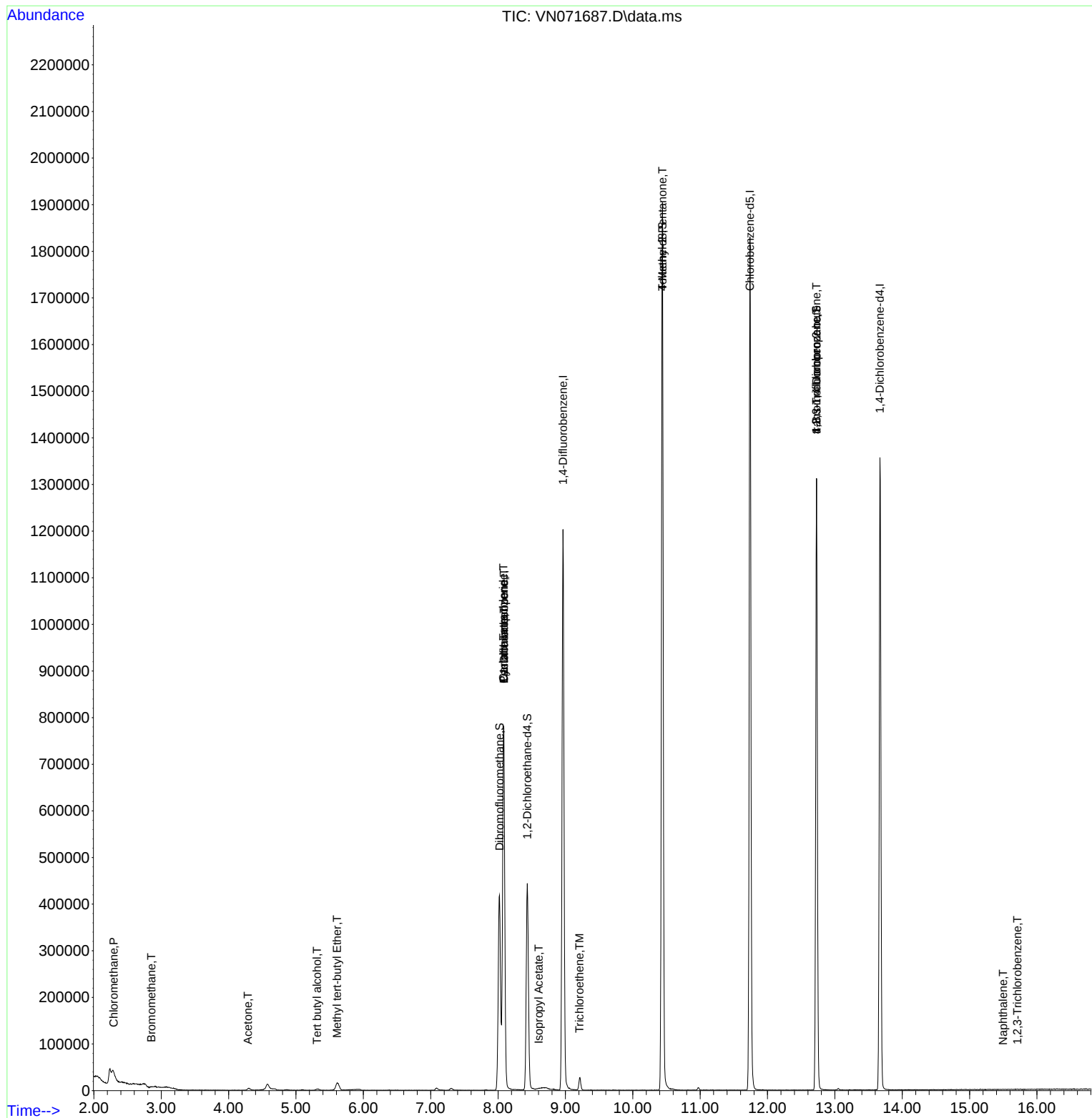
Internal Standards						
1) Pentafluorobenzene	8.086	168	643316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1099331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1104885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	399761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	368868	50.226	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.460%	
35) Dibromofluoromethane	8.022	113	316793	48.971	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.940%	
50) Toluene-d8	10.439	98	1365841	51.613	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	12.727	95	462693	54.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 108.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	3217	0.496	ug/l #	43
5) Bromomethane	2.851	94	1478	0.319	ug/l #	45
11) Tert butyl alcohol	5.310	59	2471	2.073	ug/l #	72
16) Acetone	4.287	43	5138	1.637	ug/l	98
18) Methyl Acetate	4.863	43	3036	Below Cal	#	76
19) Methyl tert-butyl Ether	5.610	73	27347	1.386	ug/l	99
31) Cyclohexane	8.086	56	11259	1.127	ug/l #	9
36) 1,1-Dichloropropene	8.086	75	44456	4.921	ug/l #	49
38) Carbon Tetrachloride	8.080	117	59382	6.707	ug/l #	17
43) Isopropyl Acetate	8.604	43	3634	0.221	ug/l #	53
44) Trichloroethene	9.210	130	10487	1.426	ug/l	86
51) 4-Methyl-2-Pentanone	10.439	43	4700	0.497	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	224593	24.252	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	224593	75.156	ug/l #	10
95) Naphthalene	15.498	128	355	3.821	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.709	180	127	2.434	ug/l #	46

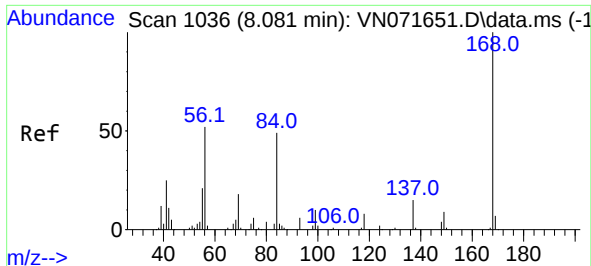
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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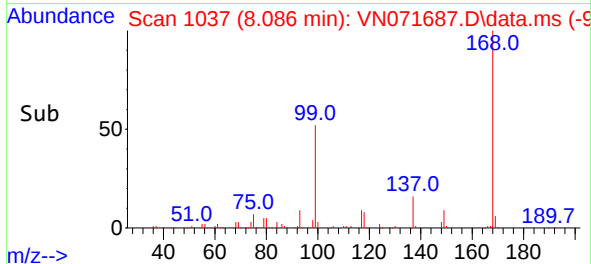
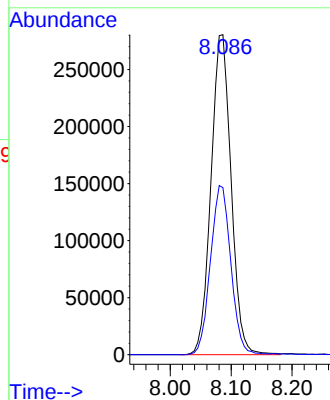
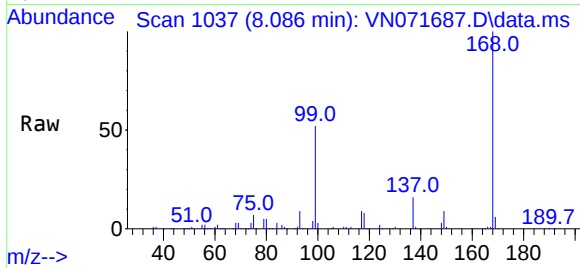




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

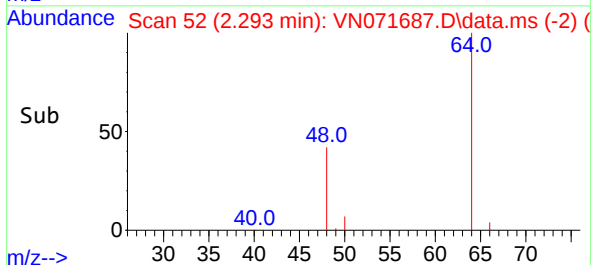
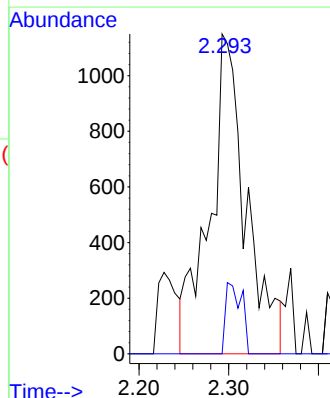
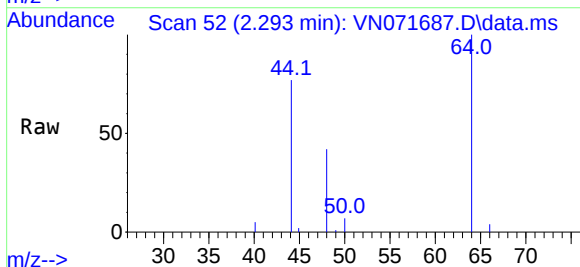
Instrument :
MSVOA_N
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MW-178S-20220322

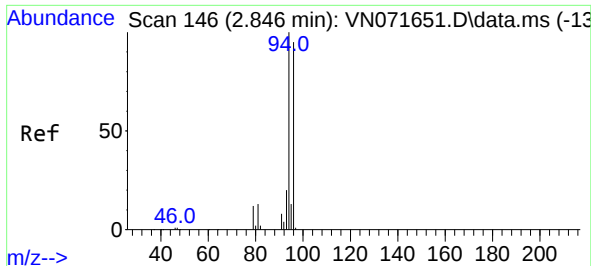
Tgt Ion:168 Resp: 643316
Ion Ratio Lower Upper
168 100
99 52.2 42.3 63.5



#3
Chloromethane
Concen: 0.496 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

Tgt Ion: 50 Resp: 3217
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

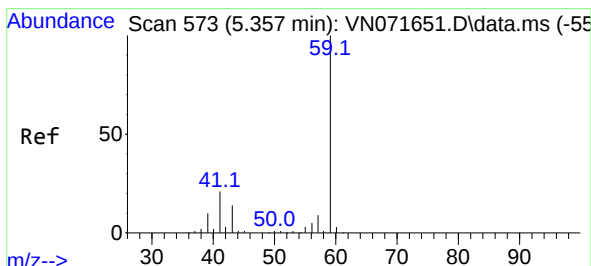
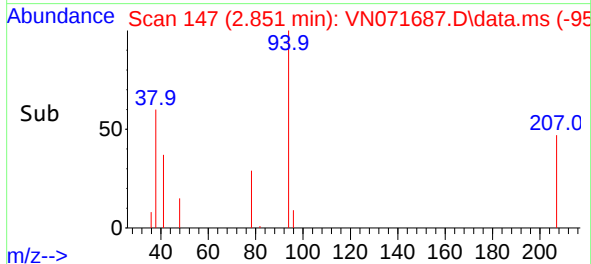
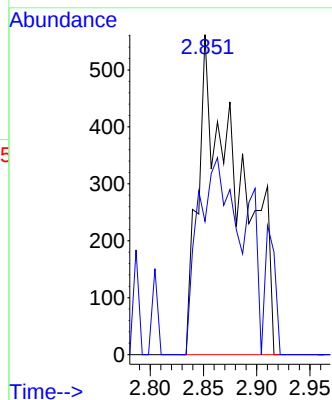
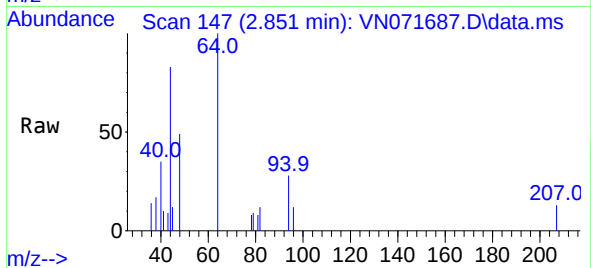




#5
Bromomethane
Concen: 0.319 ug/l
RT: 2.851 min Scan# 146
Delta R.T. 0.005 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

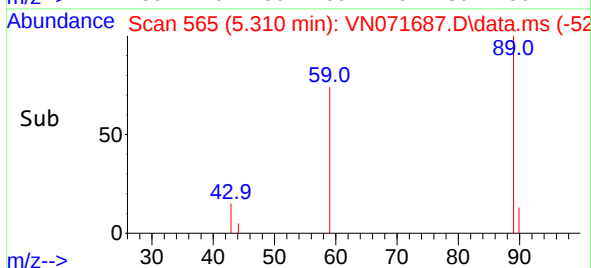
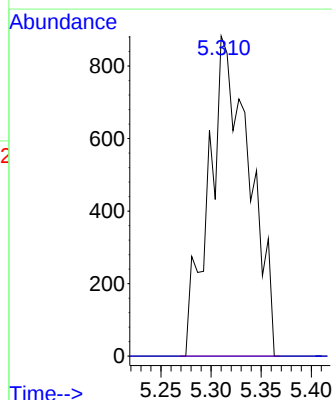
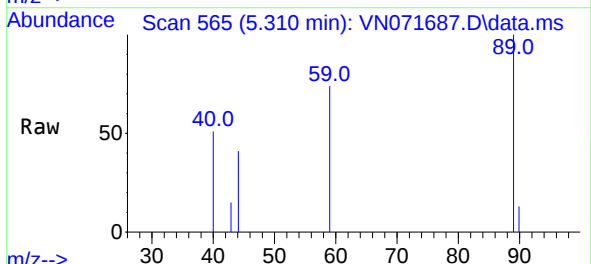
Instrument :
MSVOA_N
ClientSampleId :
MW-178S-20220322

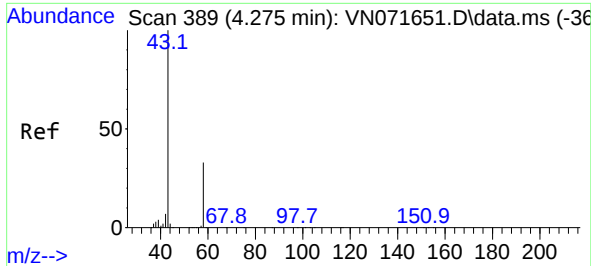
Tgt Ion: 94 Resp: 1478
Ion Ratio Lower Upper
94 100
96 41.6 76.0 114.0#



#11
Tert butyl alcohol
Concen: 2.073 ug/l
RT: 5.310 min Scan# 565
Delta R.T. -0.047 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

Tgt Ion: 59 Resp: 2471
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 1.637 ug/l

RT: 4.287 min Scan# 391

Delta R.T. 0.012 min

Lab File: VN071687.D

Acq: 31 Mar 2022 03:21

Instrument :

MSVOA_N

ClientSampleId :

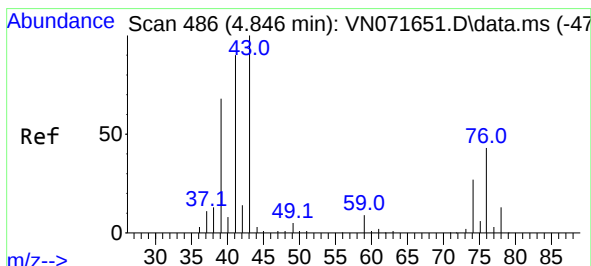
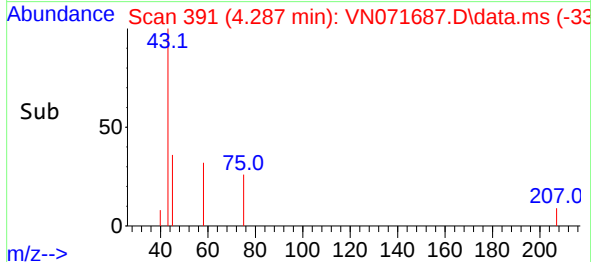
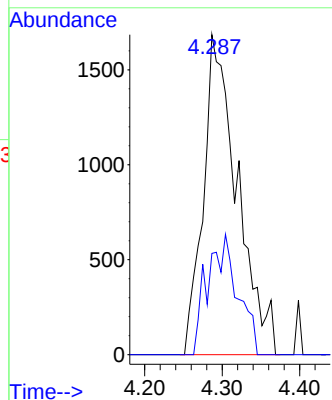
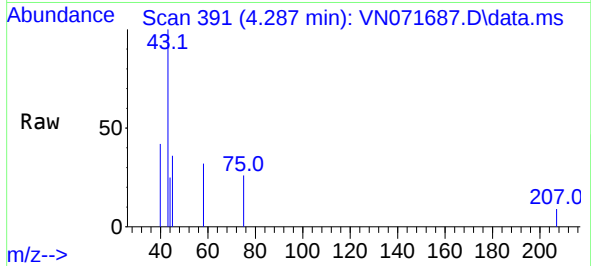
MW-178S-20220322

Tgt Ion: 43 Resp: 5138

Ion Ratio Lower Upper

43 100

58 31.6 26.0 39.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.863 min Scan# 489

Delta R.T. 0.017 min

Lab File: VN071687.D

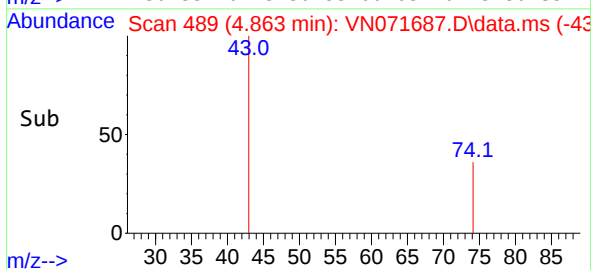
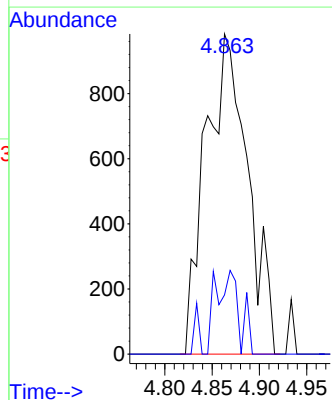
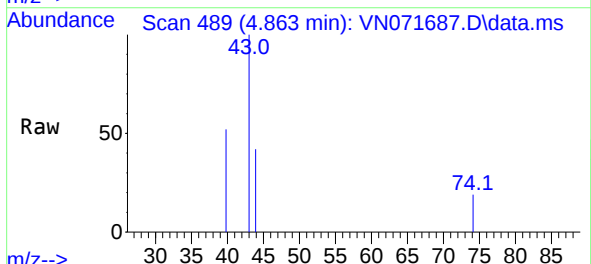
Acq: 31 Mar 2022 03:21

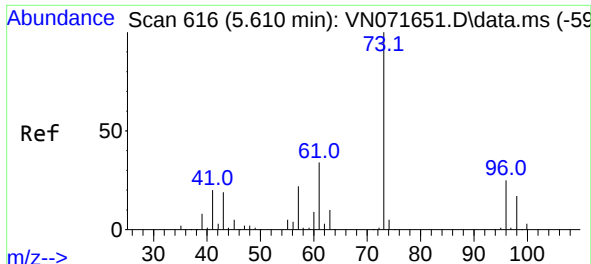
Tgt Ion: 43 Resp: 3036

Ion Ratio Lower Upper

43 100

74 14.6 21.6 32.4#

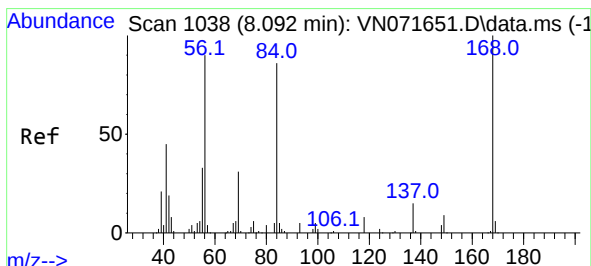
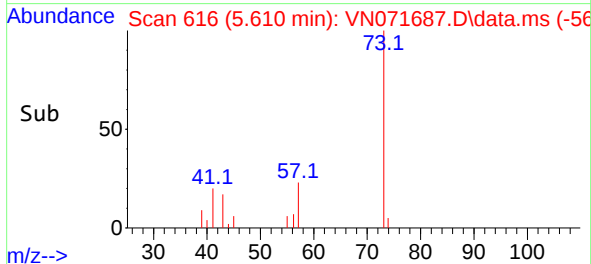
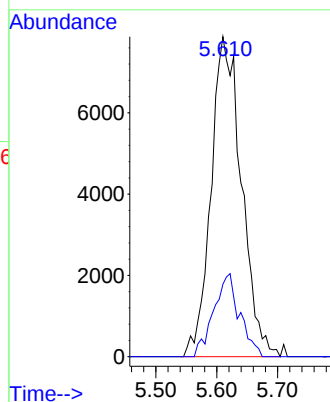
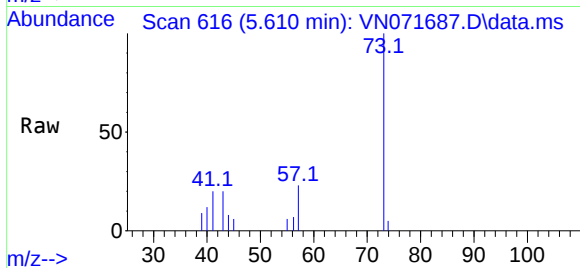




#19
Methyl tert-butyl Ether
Concen: 1.386 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

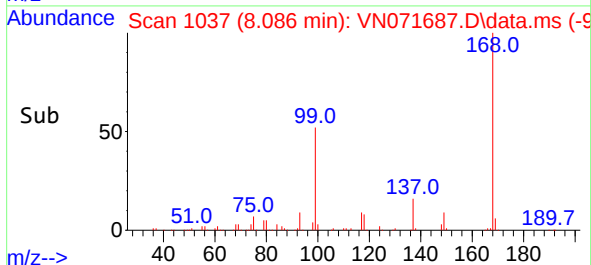
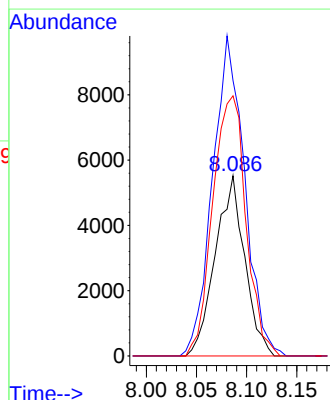
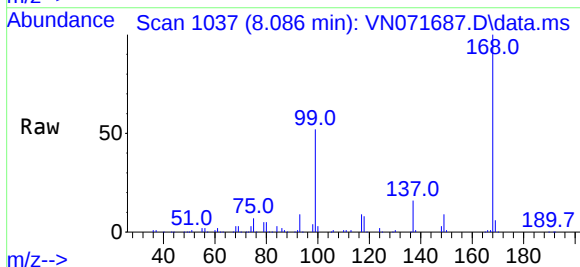
Instrument :
MSVOA_N
ClientSampleId :
MW-178S-20220322

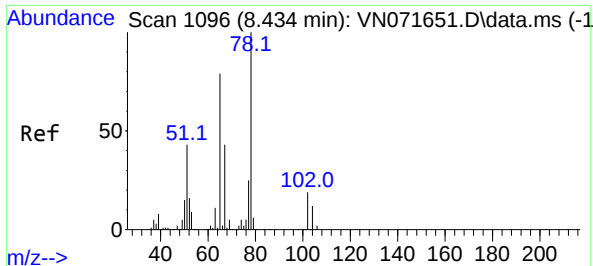
Tgt Ion: 73 Resp: 27347
Ion Ratio Lower Upper
73 100
57 22.6 17.6 26.4



#31
Cyclohexane
Concen: 1.127 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

Tgt Ion: 56 Resp: 11259
Ion Ratio Lower Upper
56 100
69 152.9 27.8 41.8#
84 144.4 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 50.226 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071687.D

Acq: 31 Mar 2022 03:21

Instrument :

MSVOA_N

ClientSampleId :

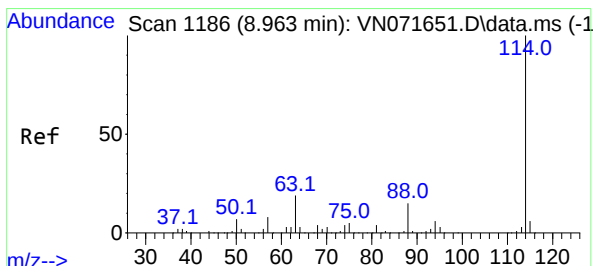
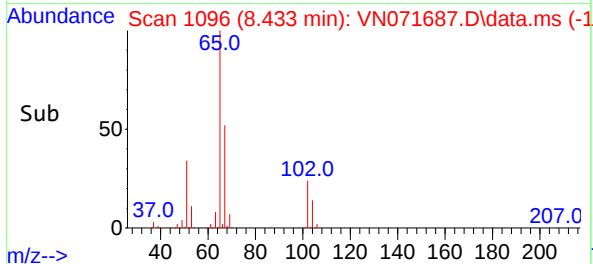
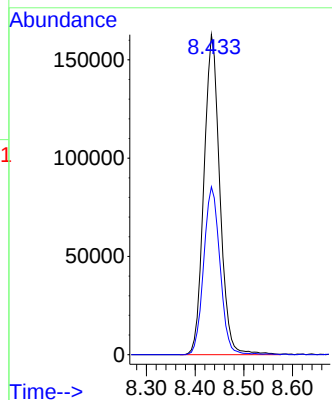
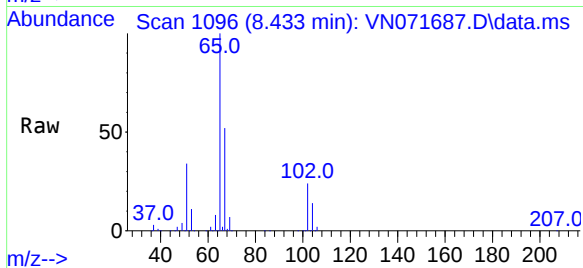
MW-178S-20220322

Tgt Ion: 65 Resp: 368868

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071687.D

Acq: 31 Mar 2022 03:21

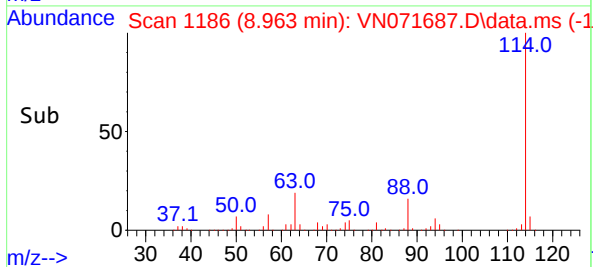
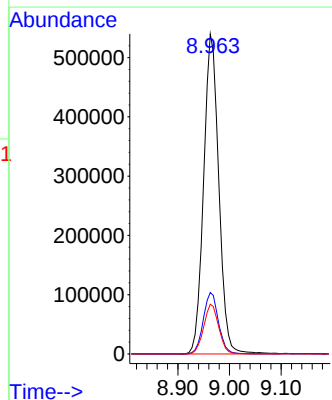
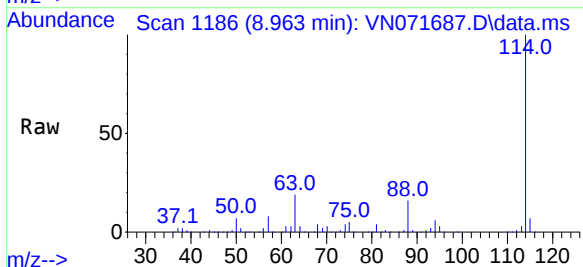
Tgt Ion: 114 Resp: 1099331

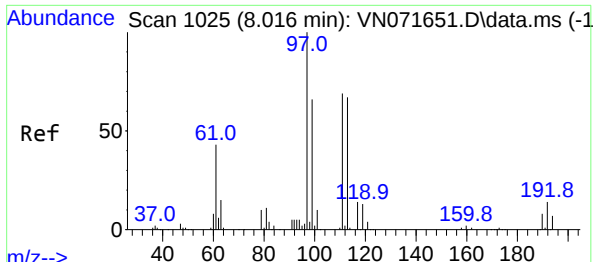
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 15.5 0.0 32.6

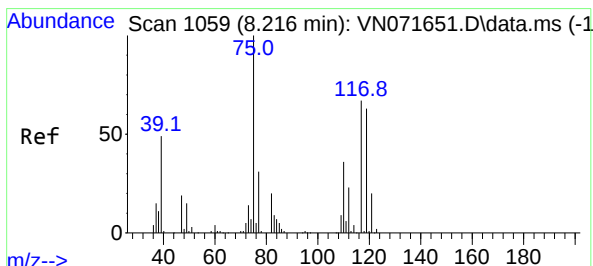
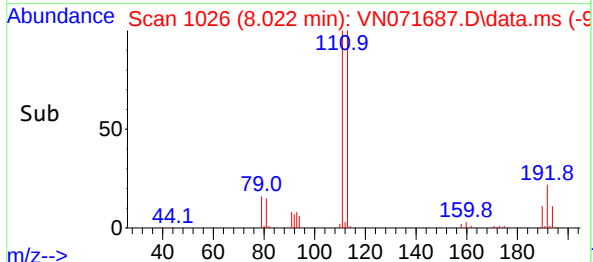
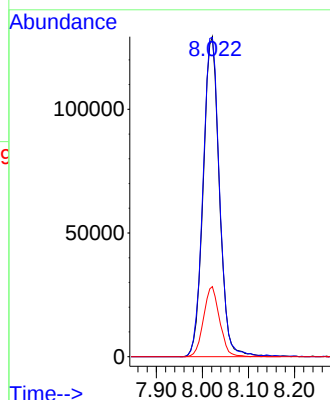
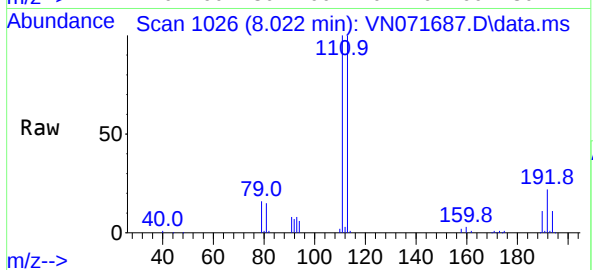




#35
Dibromofluoromethane
Concen: 48.971 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

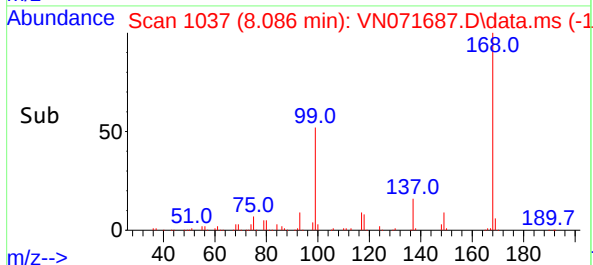
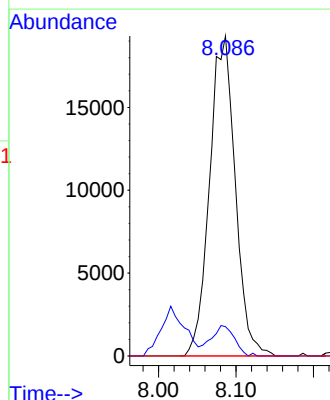
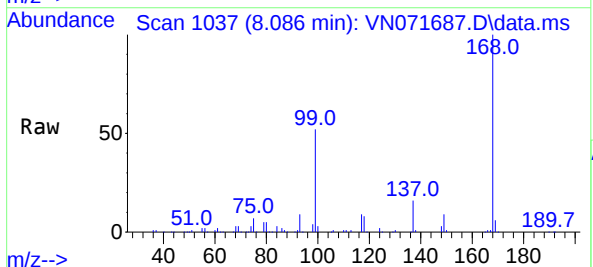
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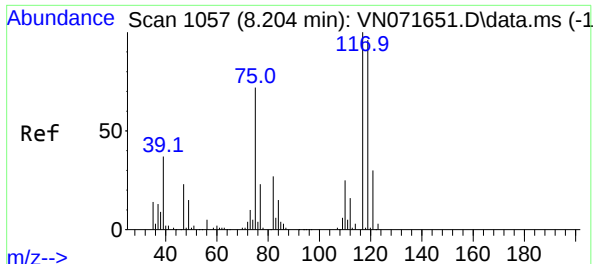
Tgt Ion:113 Resp: 316793
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 21.7 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.921 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

Tgt Ion: 75 Resp: 44456
Ion Ratio Lower Upper
75 100
110 8.8 18.3 54.8#
77 0.0 25.1 37.7#

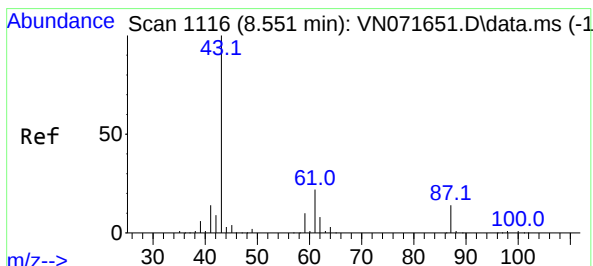
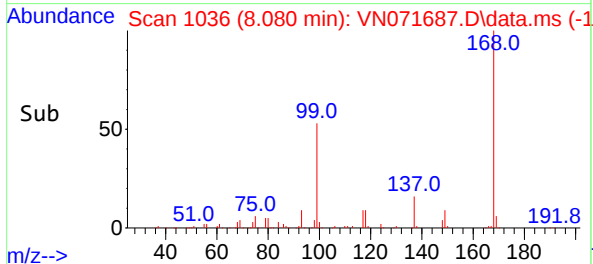
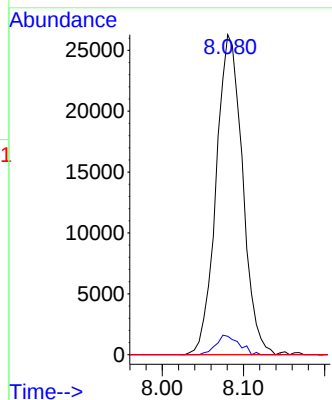
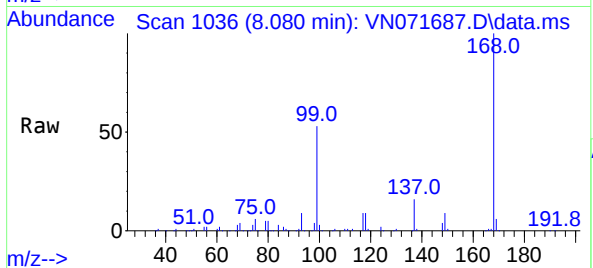




#38
Carbon Tetrachloride
Concen: 6.707 ug/l
RT: 8.080 min Scan# 110
Delta R.T. -0.124 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

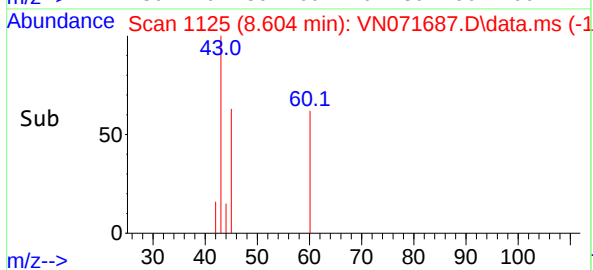
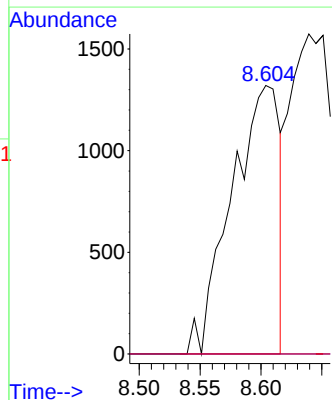
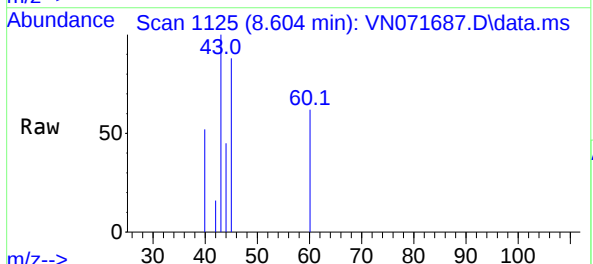
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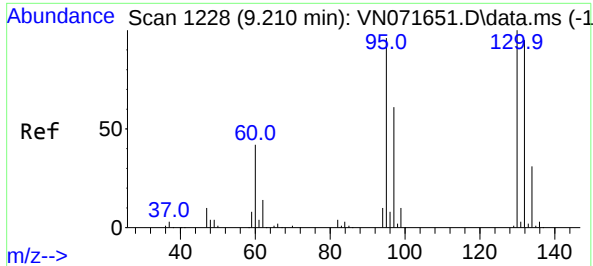
Tgt Ion:117 Resp: 59382
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.221 ug/l
RT: 8.604 min Scan# 1125
Delta R.T. 0.053 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

Tgt Ion: 43 Resp: 3634
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#





#44

Trichloroethene

Concen: 1.426 ug/l

RT: 9.210 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071687.D

Acq: 31 Mar 2022 03:21

Instrument :

MSVOA_N

ClientSampleId :

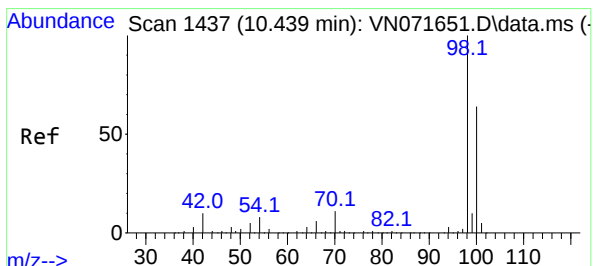
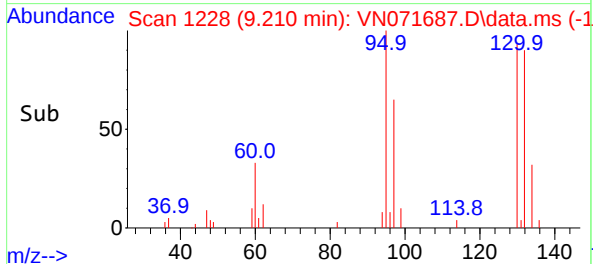
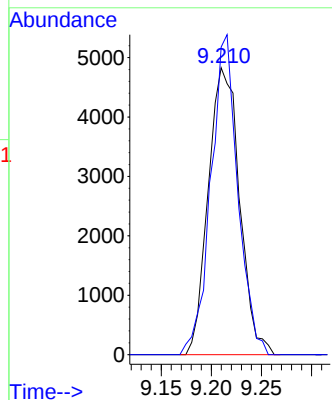
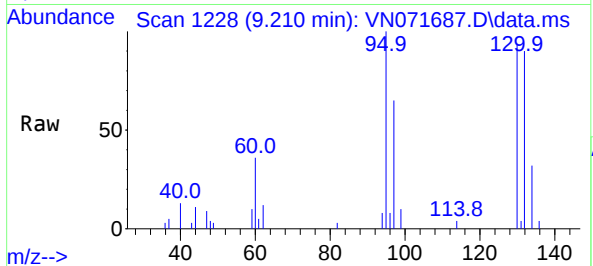
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Tgt Ion:130 Resp: 10487

Ion Ratio Lower Upper

130 100

95 107.2 0.0 186.8



#50

Toluene-d8

Concen: 51.613 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071687.D

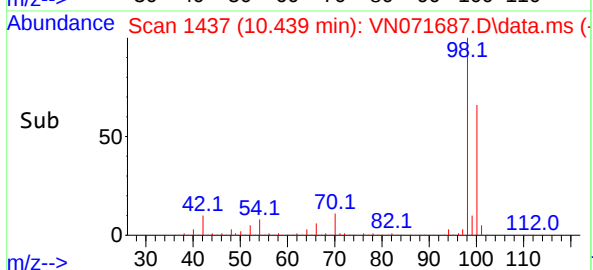
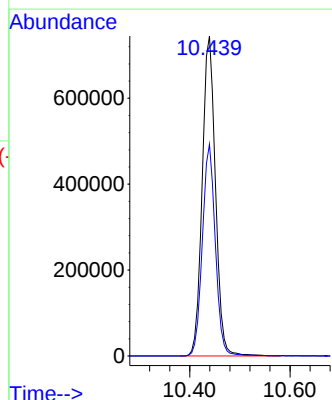
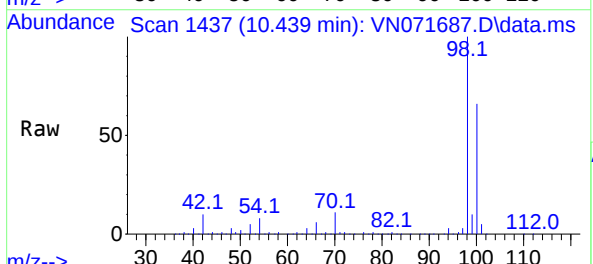
Acq: 31 Mar 2022 03:21

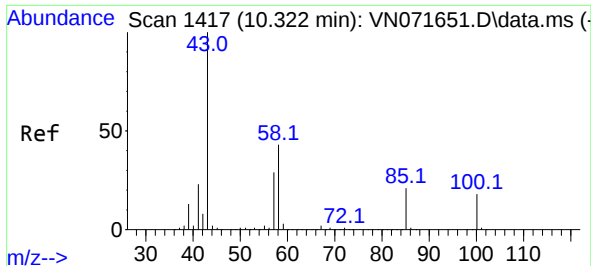
Tgt Ion: 98 Resp: 1365841

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

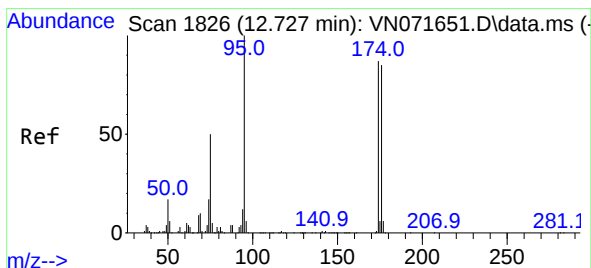
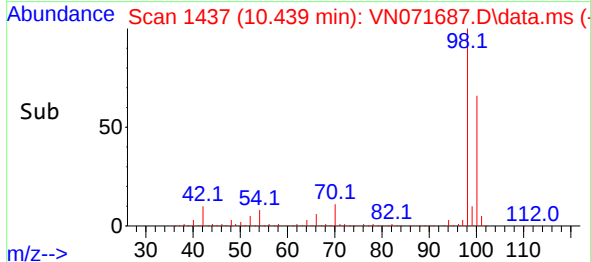
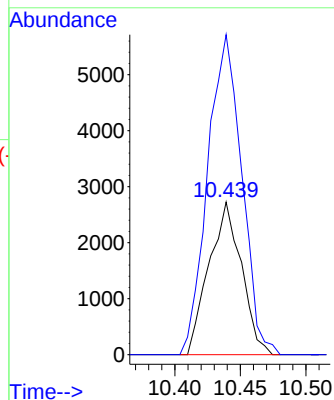
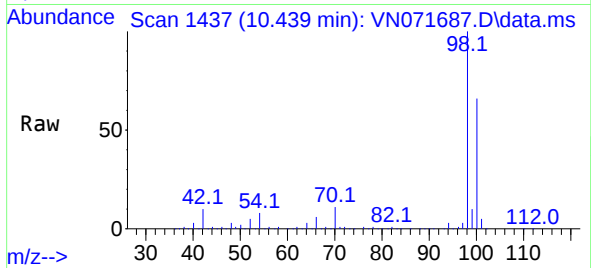




#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 10.439 min Scan# 1417
Delta R.T. 0.117 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

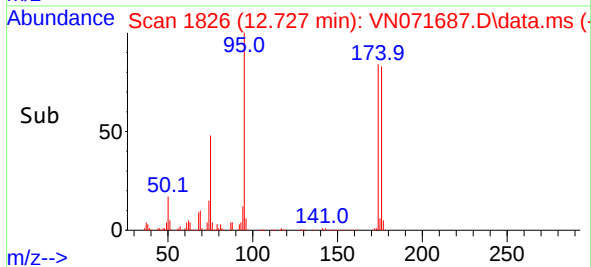
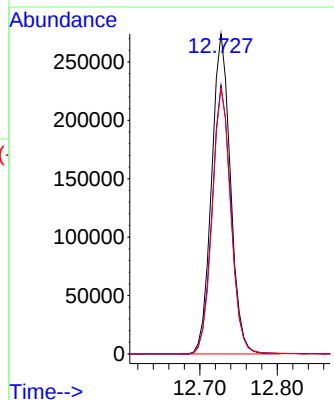
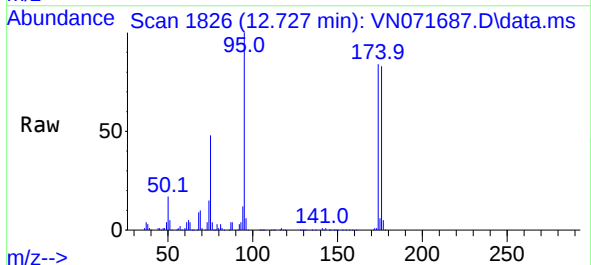
Instrument :
MSVOA_N
ClientSampleId :
MW-178S-20220322

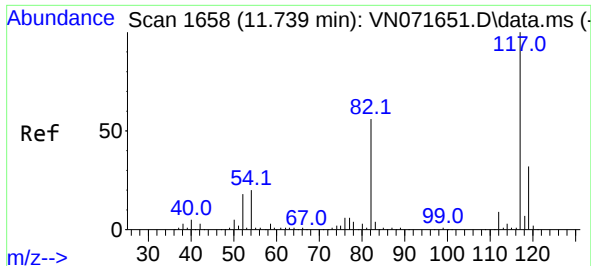
Tgt Ion: 43 Resp: 4700
Ion Ratio Lower Upper
43 100
58 220.2 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 54.062 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

Tgt Ion: 95 Resp: 462693
Ion Ratio Lower Upper
95 100
174 84.0 0.0 167.6
176 82.3 0.0 163.4

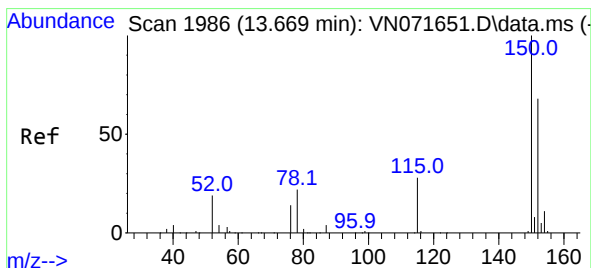
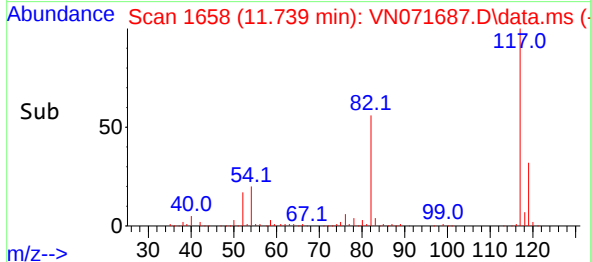
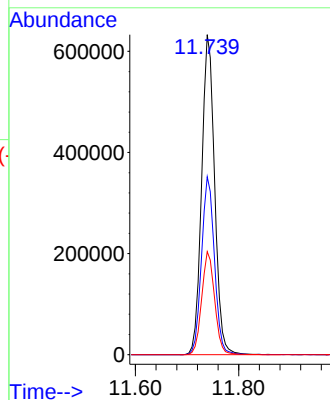
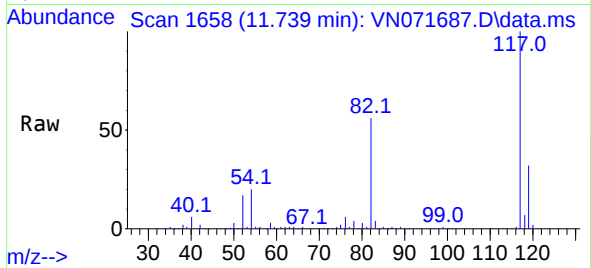




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

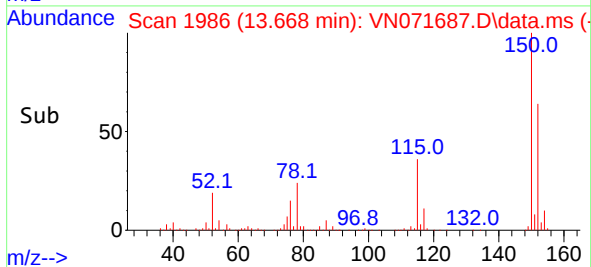
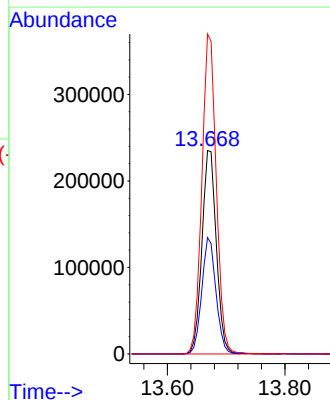
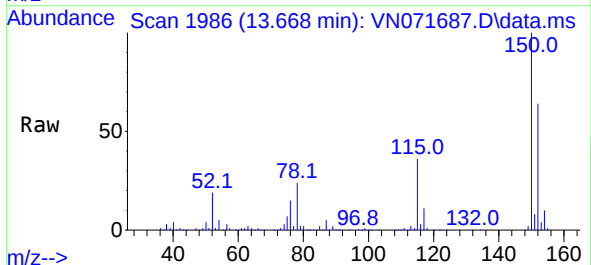
Instrument :
MSVOA_N
ClientSampleId :
MW-178S-20220322

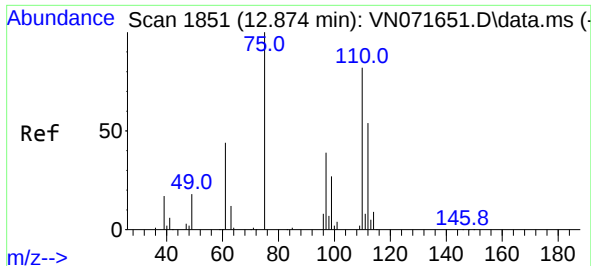
Tgt Ion:117 Resp: 1104885
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

Tgt Ion:152 Resp: 399761
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.7
150 157.2 0.0 356.2

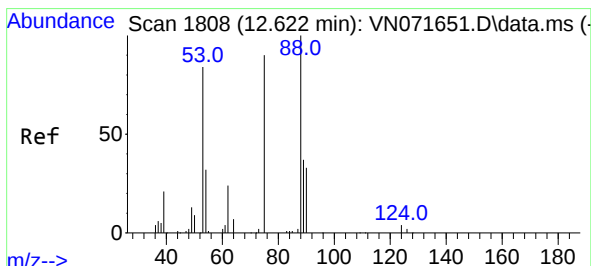
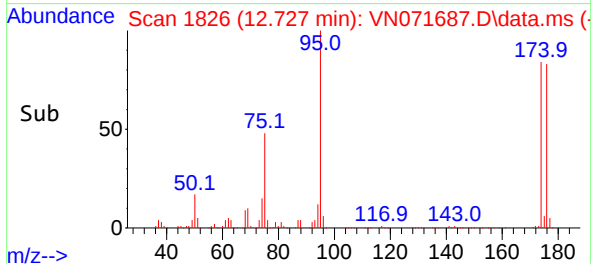
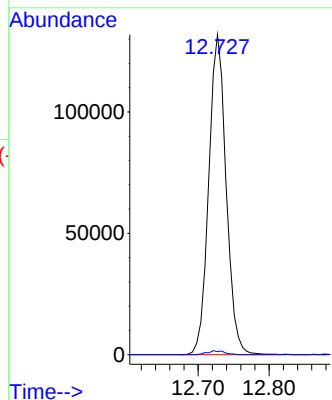
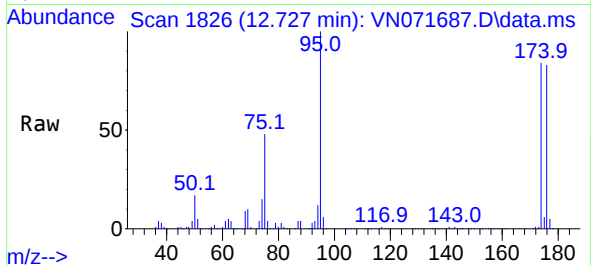




#76
1,2,3-Trichloropropane
Concen: 24.252 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

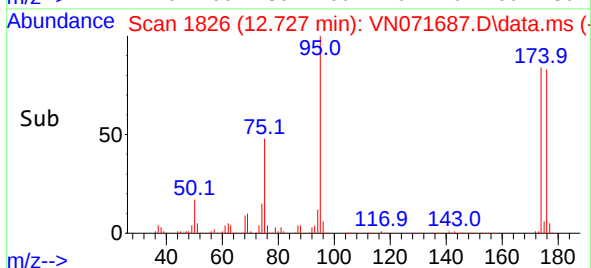
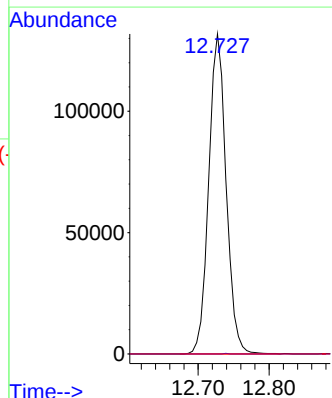
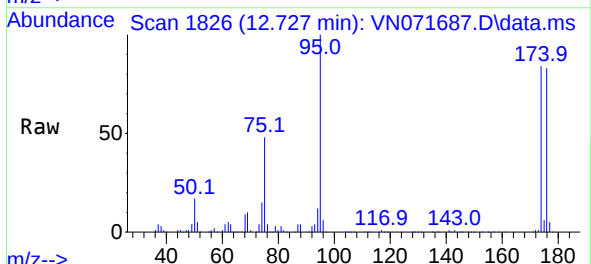
Instrument :
MSVOA_N
ClientSampleId :
MW-178S-20220322

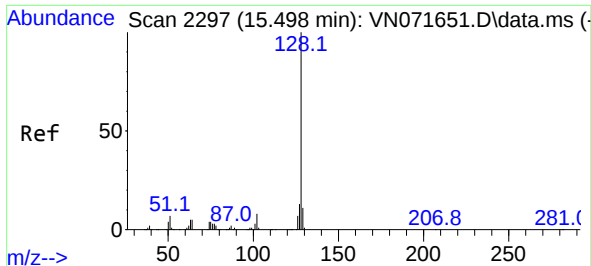
Tgt Ion: 75 Resp: 224593
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.156 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

Tgt Ion: 75 Resp: 224593
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

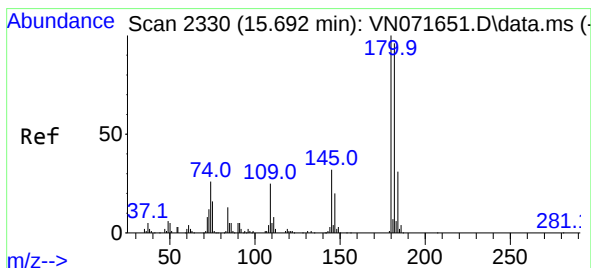
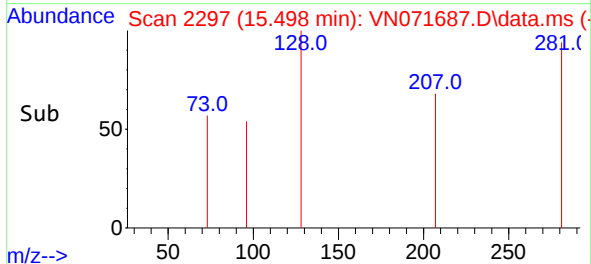
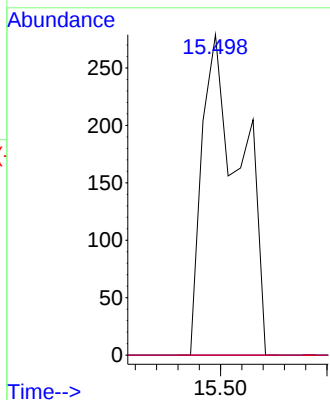
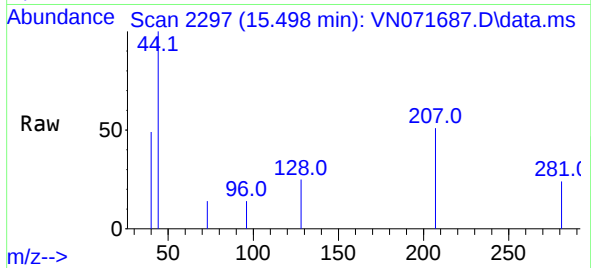




#95
Naphthalene
Concen: 3.821 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

Instrument :
MSVOA_N
ClientSampleId :
MW-178S-20220322

Tgt Ion:128 Resp: 355
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.434 ug/l
RT: 15.709 min Scan# 2333
Delta R.T. 0.017 min
Lab File: VN071687.D
Acq: 31 Mar 2022 03:21

Tgt Ion:180 Resp: 127
Ion Ratio Lower Upper
180 100
182 43.3 47.8 143.3#
145 0.0 15.5 46.5#

