

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070680.D
 Acq On : 18 Jan 2022 21:32
 Operator : JC/MD
 Sample : N1047-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 19 01:13:24 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

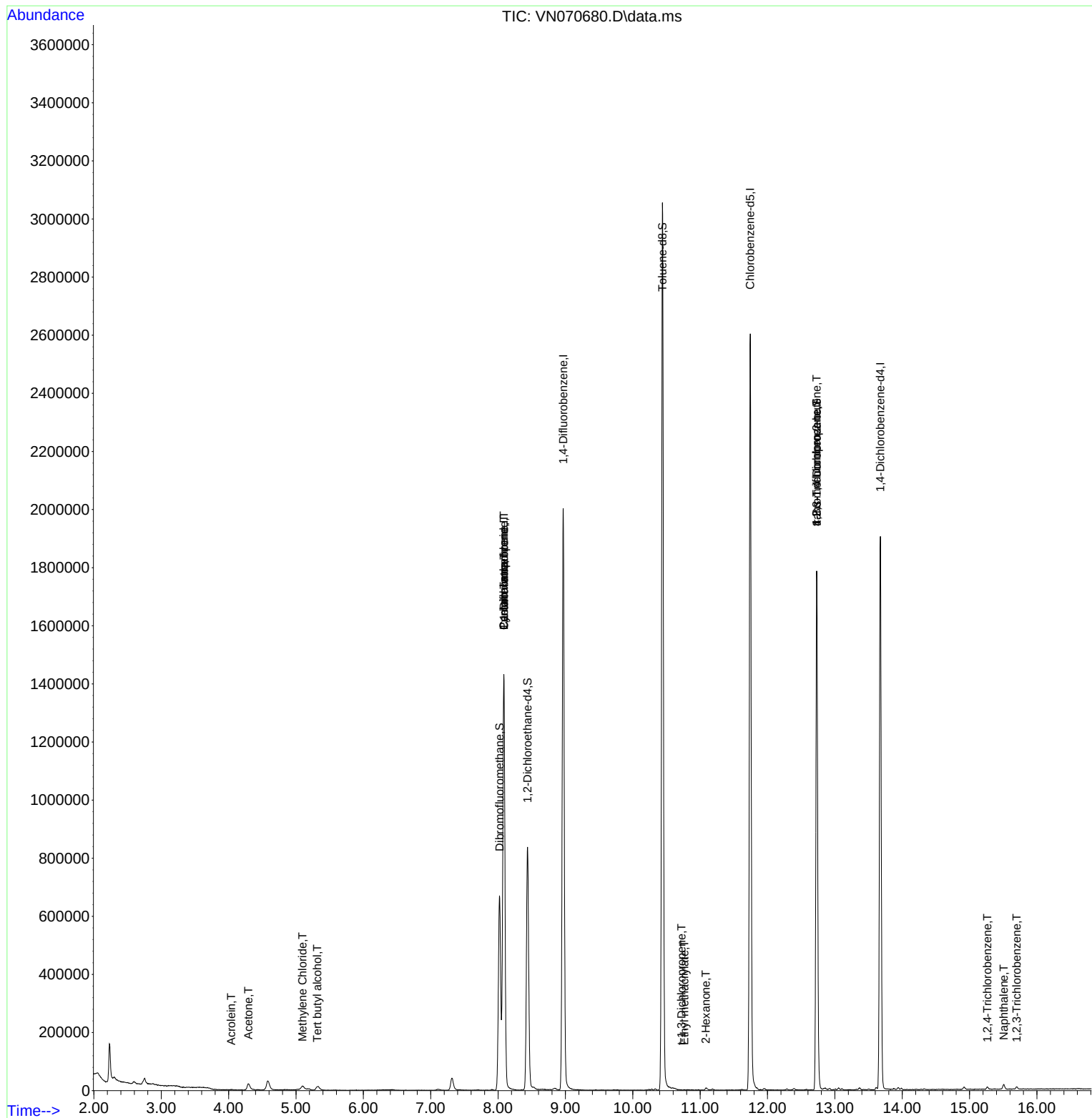
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

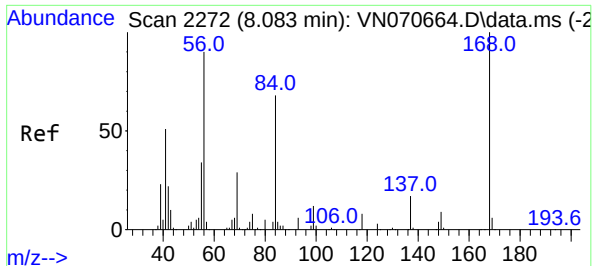
Internal Standards						
1) Pentafluorobenzene	8.086	168	1093002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1730170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1520218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	533662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	707375	45.158	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	90.320%	
35) Dibromofluoromethane	8.021	113	499581	46.549	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	93.100%	
50) Toluene-d8	10.440	98	2142971	47.398	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	94.800%	
62) 4-Bromofluorobenzene	12.731	95	666671	41.379	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	82.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.315	59	7074	2.503	ug/l #	71
13) Acrolein	4.039	56	973	0.240	ug/l #	69
16) Acetone	4.293	43	37168	3.419	ug/l	97
20) Methylene Chloride	5.095	84	7770	0.543	ug/l	86
30) Chloroform	7.820	83	320	Below Cal		87
31) Cyclohexane	8.086	56	23887	0.866	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	88705	4.910	ug/l #	49
38) Carbon Tetrachloride	8.086	117	108857	6.773	ug/l #	16
53) t-1,3-Dichloropropene	10.722	75	224	2.413	ug/l #	78
56) Ethyl methacrylate	10.765	69	658	2.327	ug/l #	75
59) 2-Hexanone	11.084	43	6744	0.397	ug/l	88
76) 1,2,3-Trichloropropane	12.731	75	349383	24.684	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	349383	73.538	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.265	180	3165	3.724	ug/l	95
95) Naphthalene	15.507	128	16860	5.498	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	3684	3.582	ug/l	97

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

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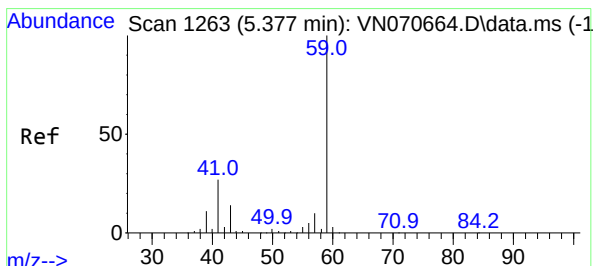
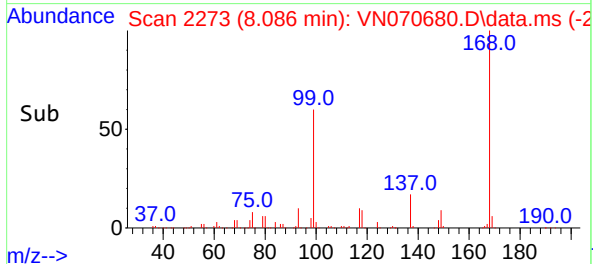
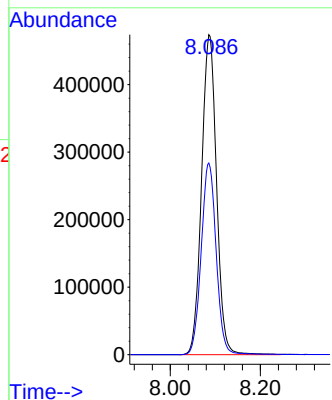
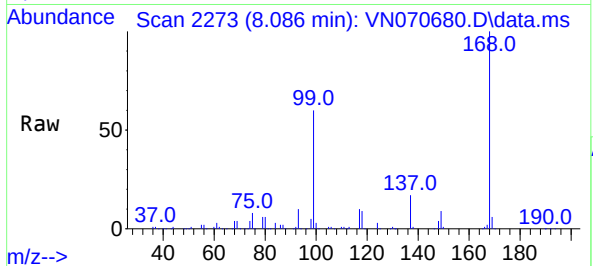
Quant Time: Jan 19 01:13:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration





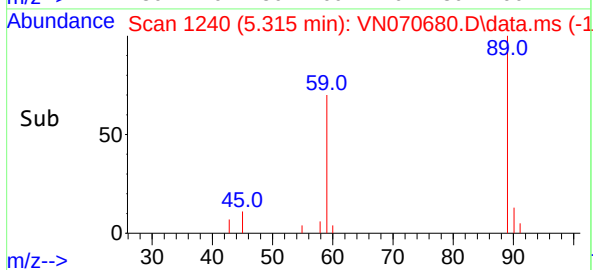
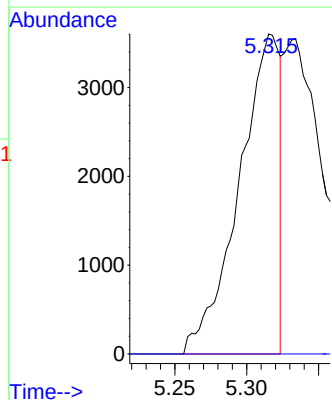
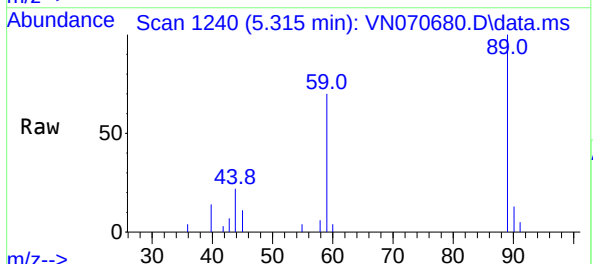
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. 0.003 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

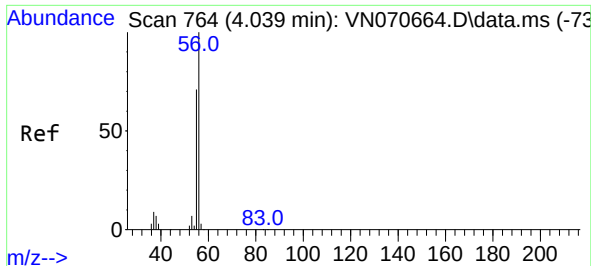
Tgt Ion:168 Resp: 1093002
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9



#11
Tert butyl alcohol
Concen: 2.503 ug/l
RT: 5.315 min Scan# 1240
Delta R.T. -0.062 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

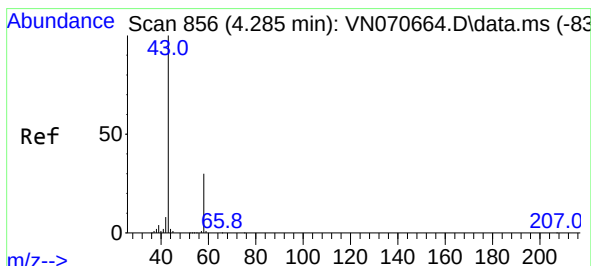
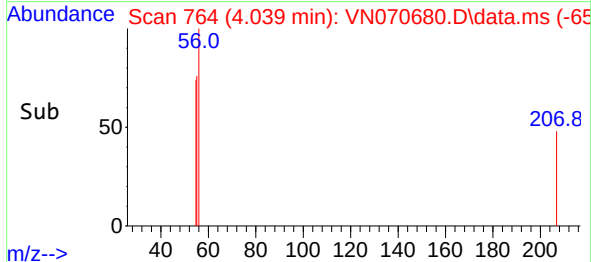
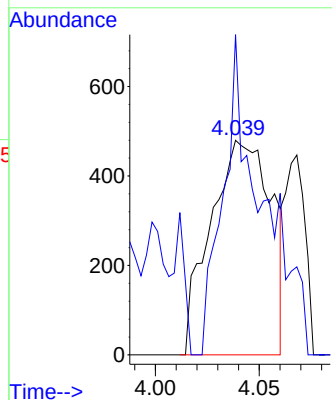
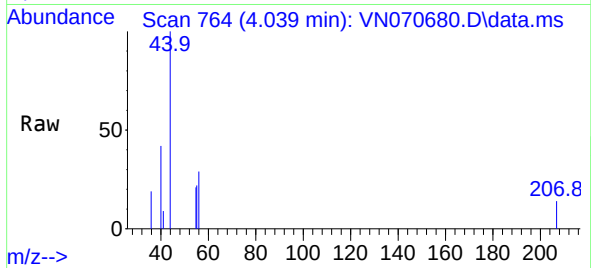
Tgt Ion: 59 Resp: 7074
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





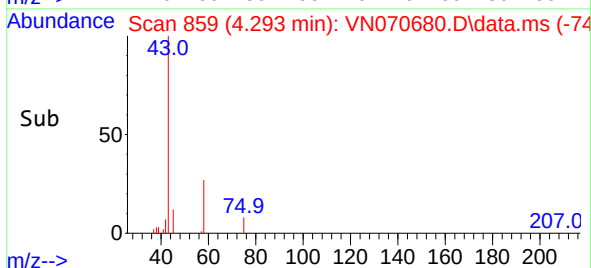
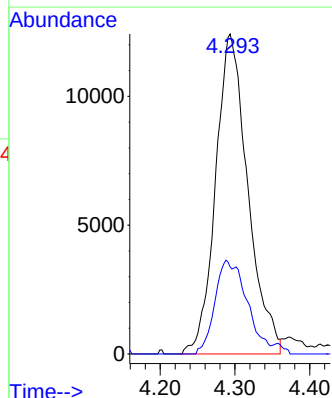
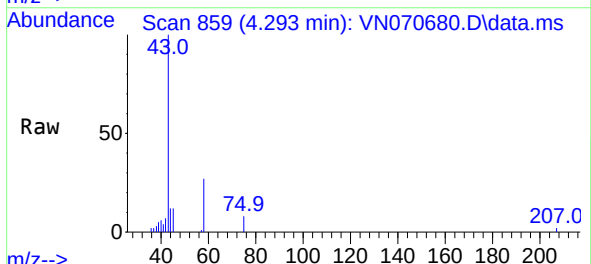
#13
Acrolein
Concen: 0.240 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

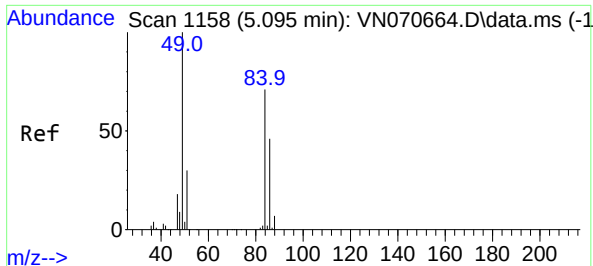
Tgt Ion: 56 Resp: 973
Ion Ratio Lower Upper
56 100
55 96.5 56.6 85.0#



#16
Acetone
Concen: 3.419 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

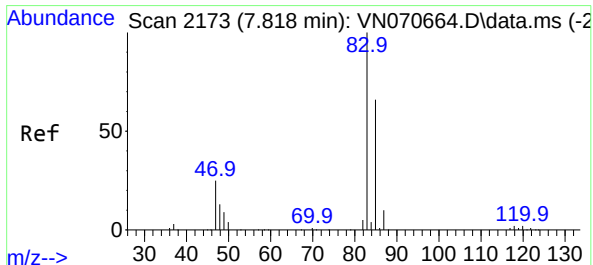
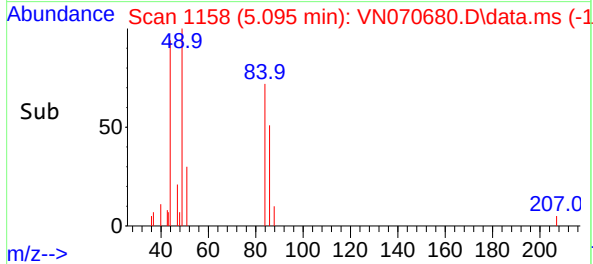
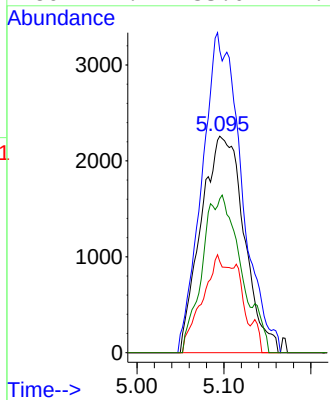
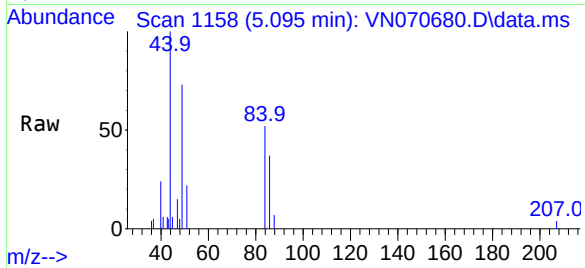
Tgt Ion: 43 Resp: 37168
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





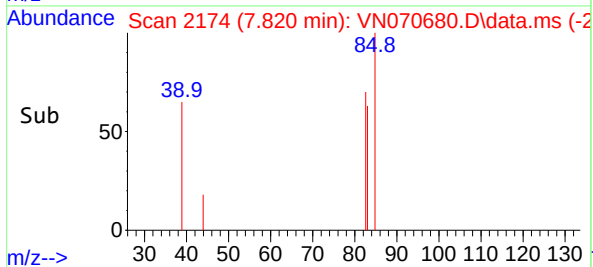
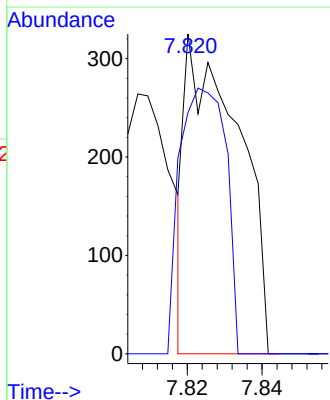
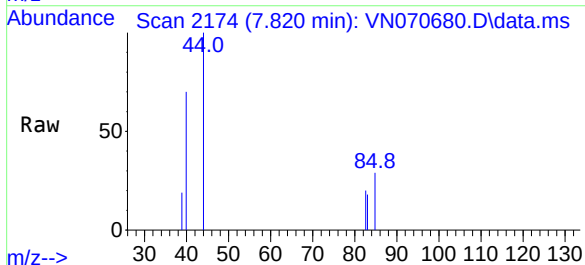
#20
Methylene Chloride
Concen: 0.543 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

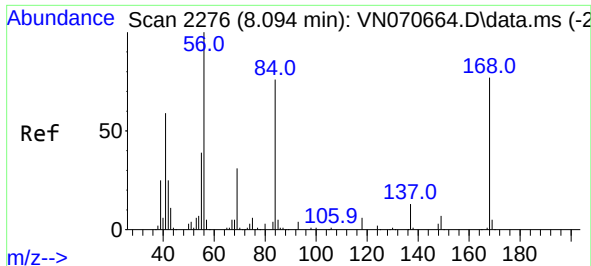
Tgt Ion:	84	Resp:	7770
Ion	Ratio	Lower	Upper
84	100		
49	139.5	93.5	140.3
51	42.0	29.4	44.2
86	71.2	53.0	79.4



#30
Chloroform
Concen: Below Cal
RT: 7.820 min Scan# 2174
Delta R.T. 0.002 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

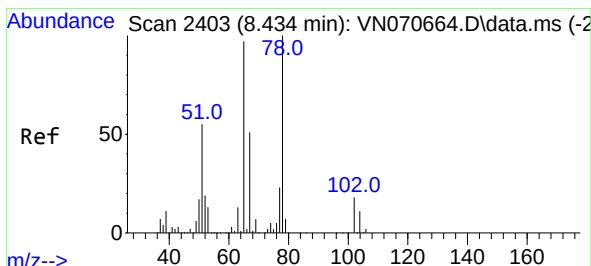
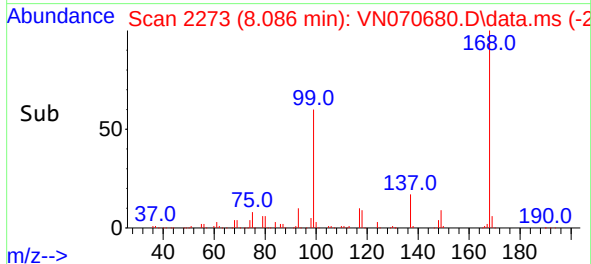
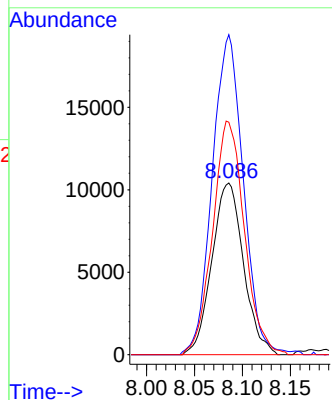
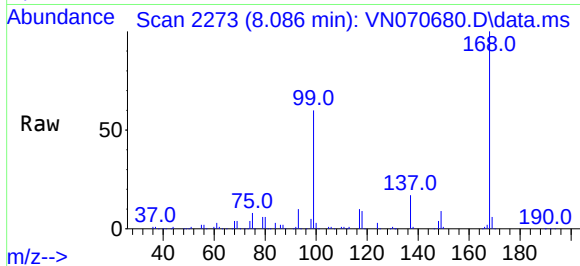
Tgt Ion:	83	Resp:	320
Ion	Ratio	Lower	Upper
83	100		
85	75.4	51.9	77.9





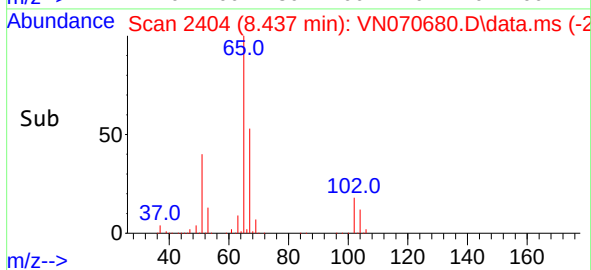
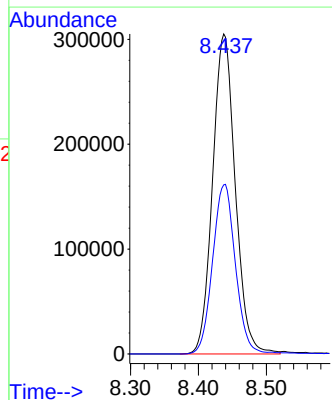
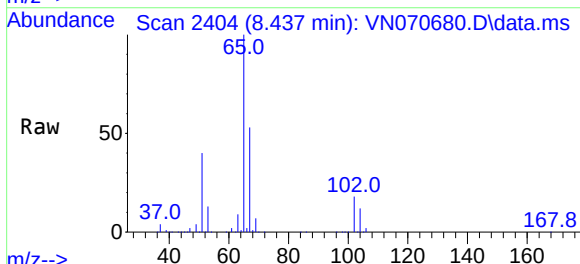
#31
Cyclohexane
Concen: 0.866 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

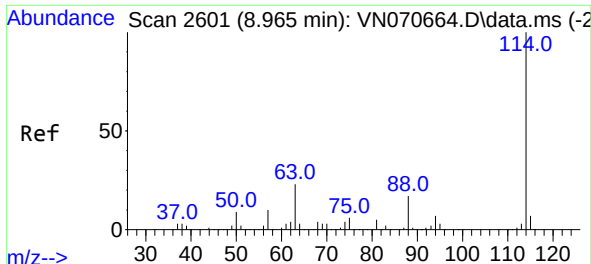
Tgt Ion:	56	Resp:	23887
Ion Ratio	Lower	Upper	
56	100		
69	186.5	27.1	40.7#
84	135.5	73.4	110.0#



#33
1,2-Dichloroethane-d4
Concen: 45.158 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

Tgt Ion:	65	Resp:	707375
Ion Ratio	Lower	Upper	
65	100		
67	53.1	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: VN070680.D

Acq: 18 Jan 2022 21:32

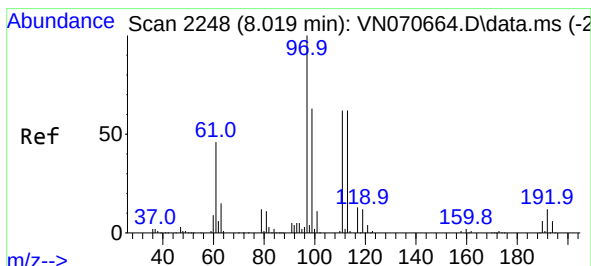
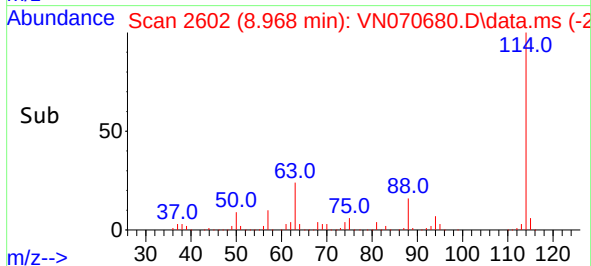
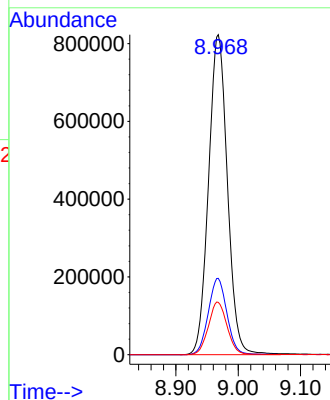
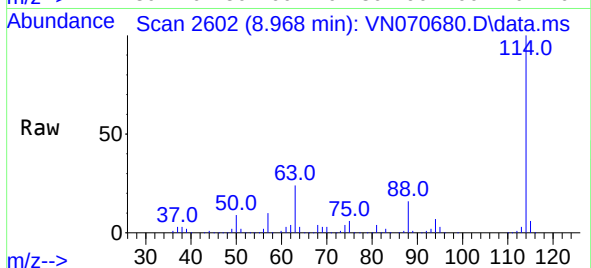
Tgt Ion:114 Resp: 1730170

Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.549 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.002 min

Lab File: VN070680.D

Acq: 18 Jan 2022 21:32

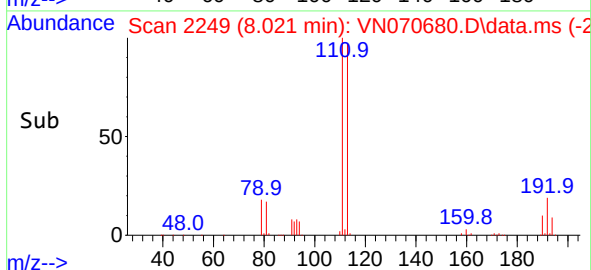
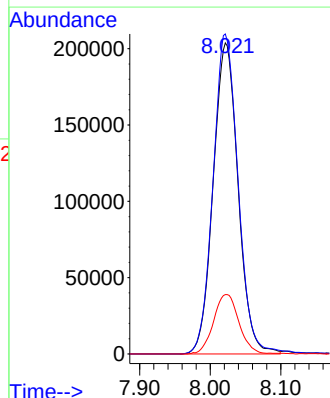
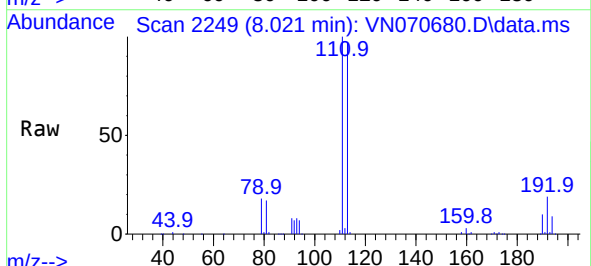
Tgt Ion:113 Resp: 499581

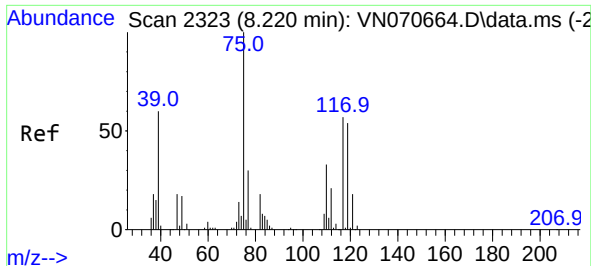
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.2

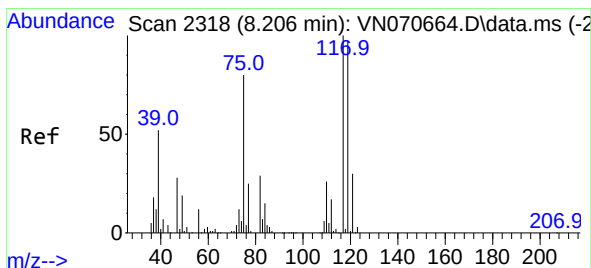
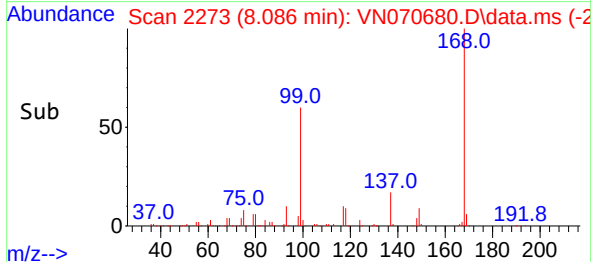
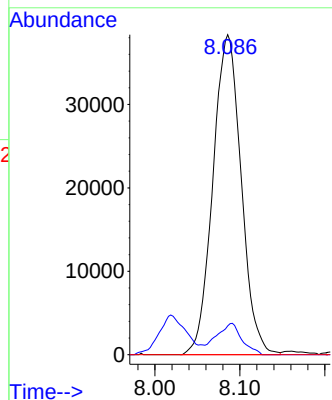
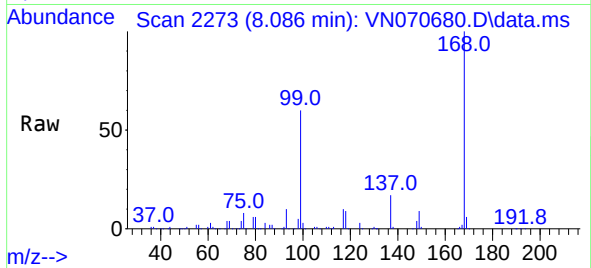
192 19.5 16.9 25.3





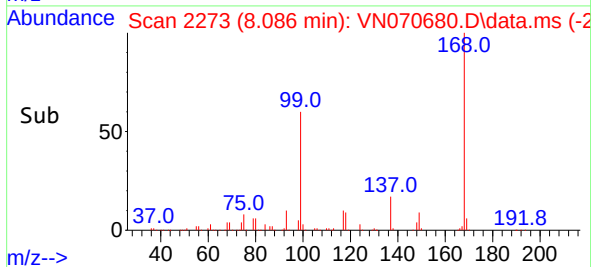
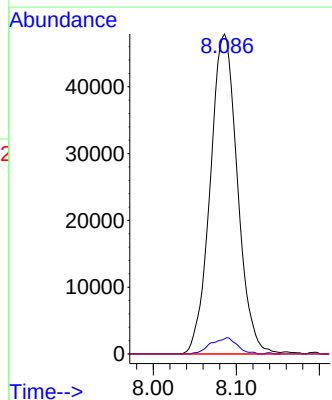
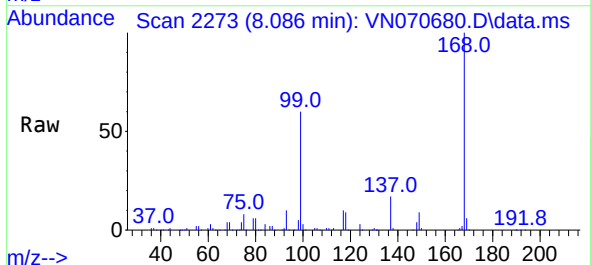
#36
1,1-Dichloropropene
Concen: 4.910 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

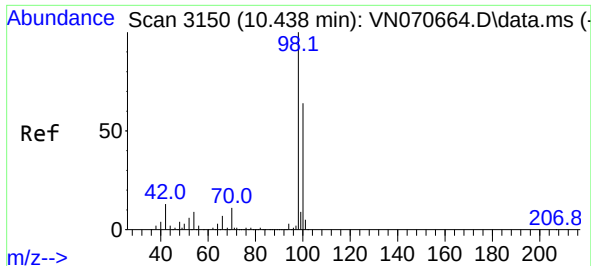
Tgt Ion: 75 Resp: 88705
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.773 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

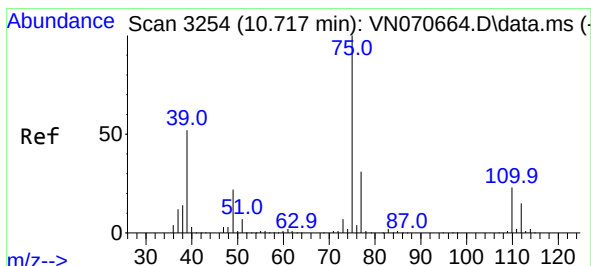
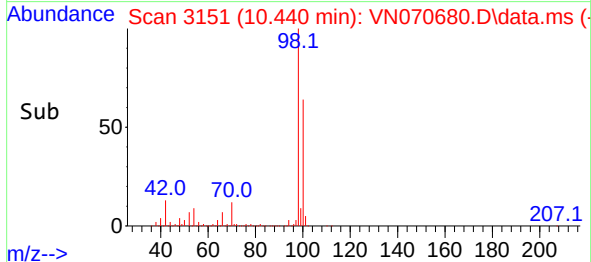
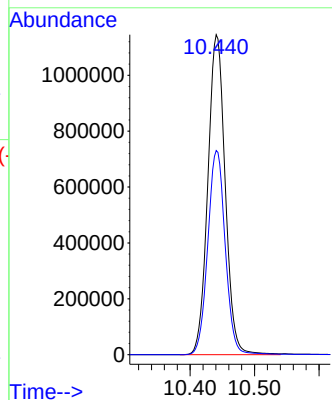
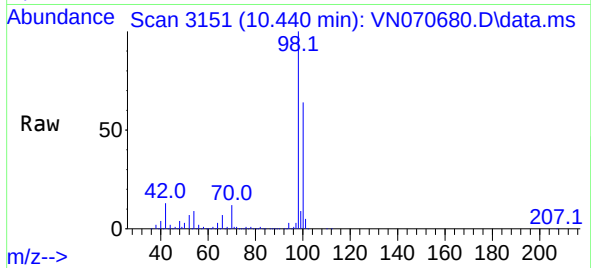
Tgt Ion: 117 Resp: 108857
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#





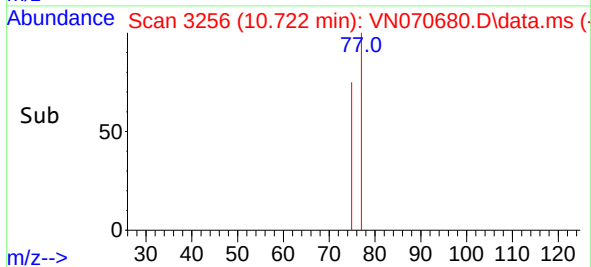
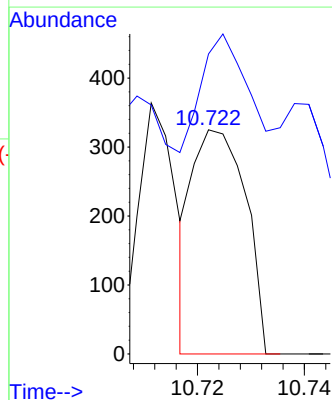
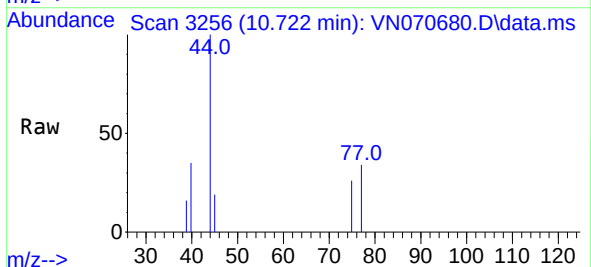
#50
Toluene-d8
Concen: 47.398 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

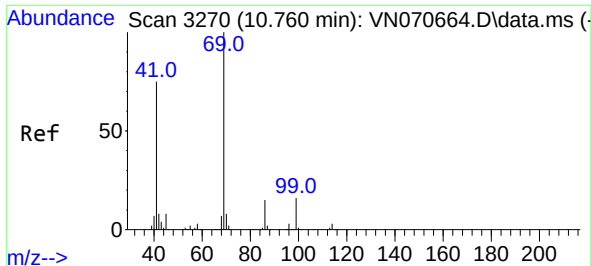
Tgt Ion: 98 Resp: 2142971
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.413 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.005 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

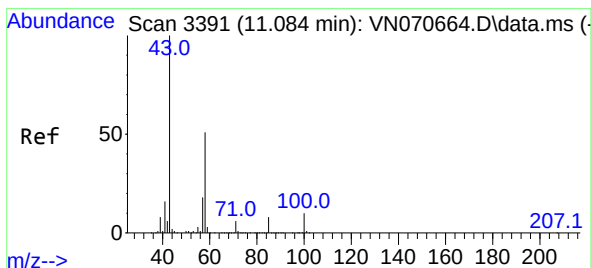
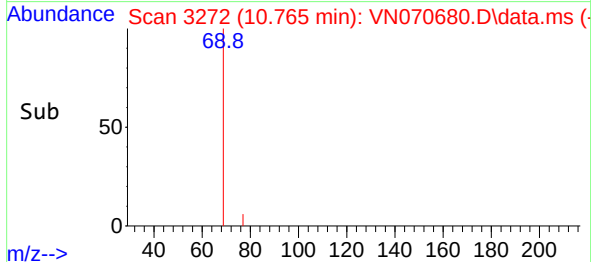
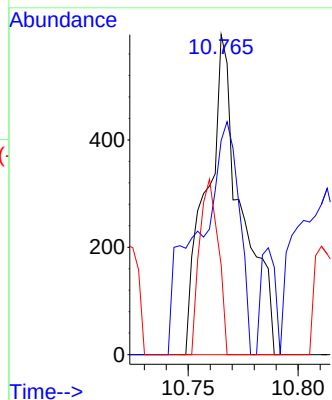
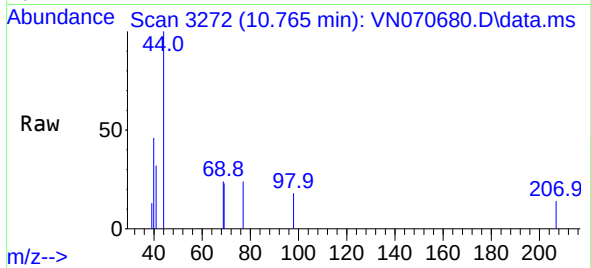
Tgt Ion: 75 Resp: 224
Ion Ratio Lower Upper
75 100
77 44.0 25.6 38.4#





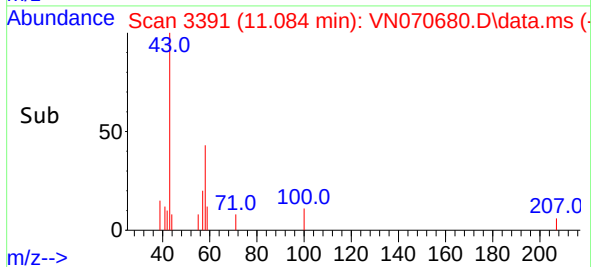
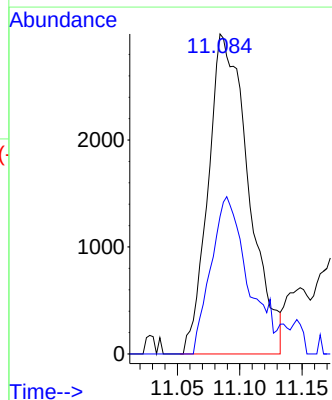
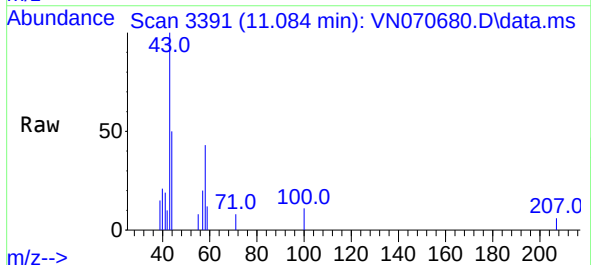
#56
Ethyl methacrylate
Concen: 2.327 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.005 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

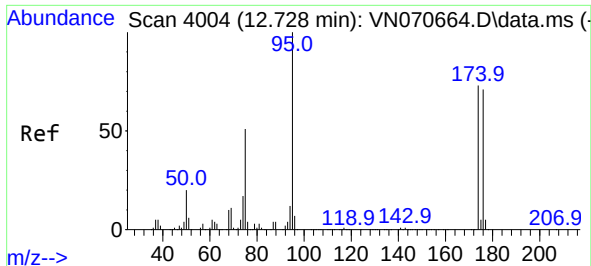
Tgt Ion: 69 Resp: 658
Ion Ratio Lower Upper
69 100
41 85.3 51.4 77.0#
39 29.3 34.6 52.0#



#59
2-Hexanone
Concen: 0.397 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

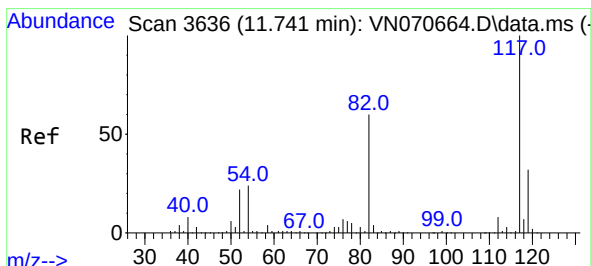
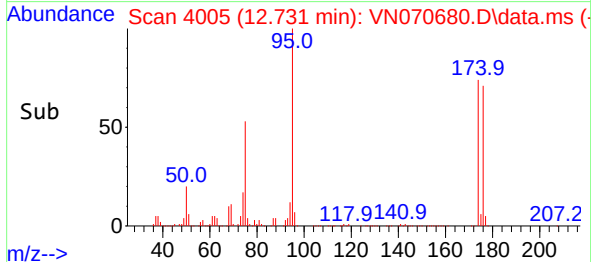
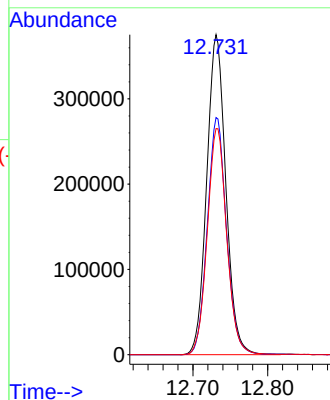
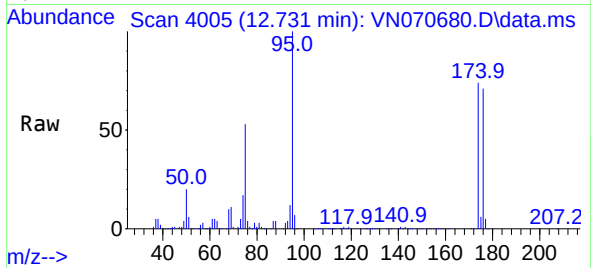
Tgt Ion: 43 Resp: 6744
Ion Ratio Lower Upper
43 100
58 45.2 26.9 80.7





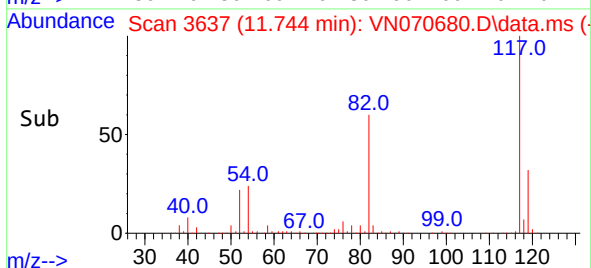
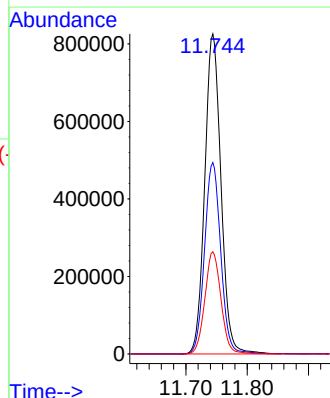
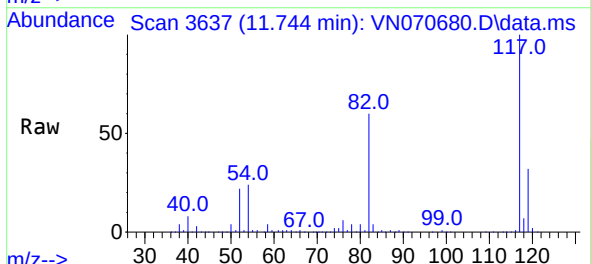
#62
4-Bromofluorobenzene
Concen: 41.379 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

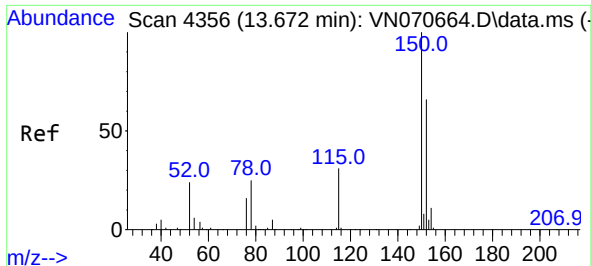
Tgt Ion: 95 Resp: 666671
Ion Ratio Lower Upper
95 100
174 74.4 0.0 187.2
176 71.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

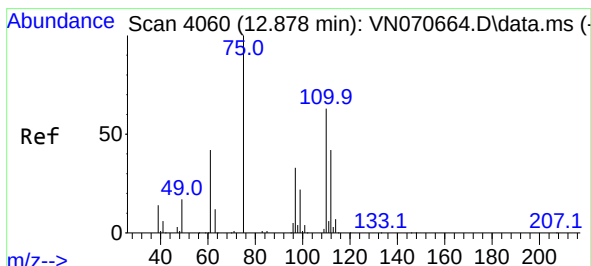
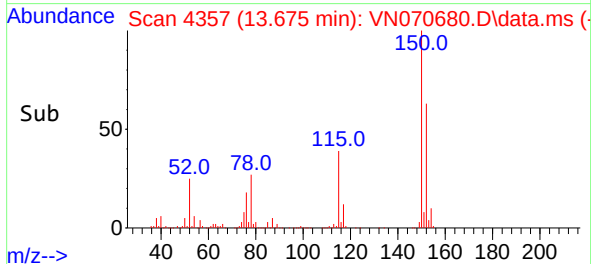
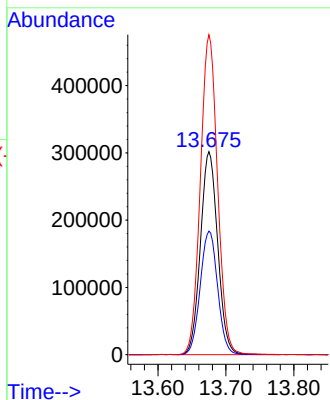
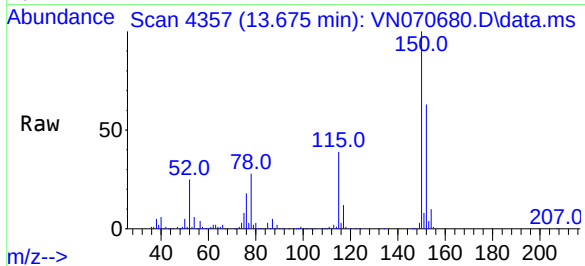
Tgt Ion: 117 Resp: 1520218
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.9 25.4 38.2





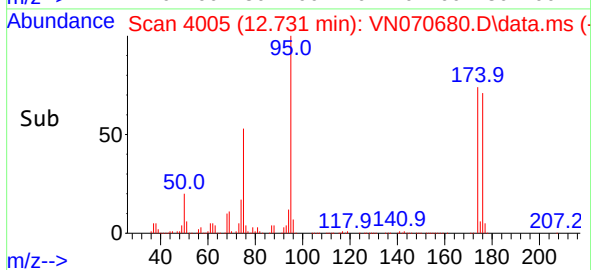
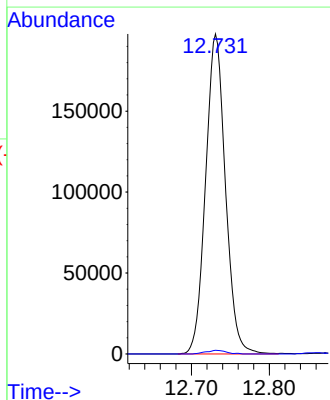
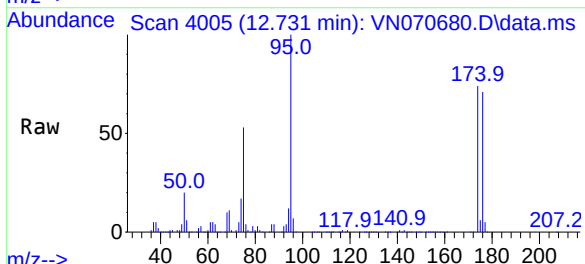
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

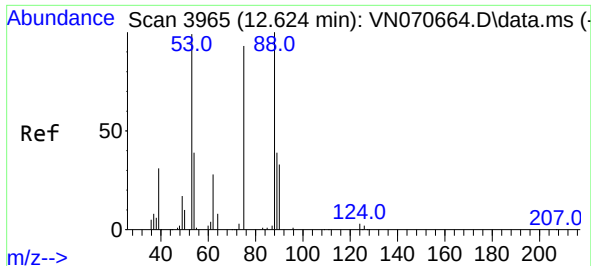
Tgt Ion:152 Resp: 533662
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 156.5 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 24.684 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

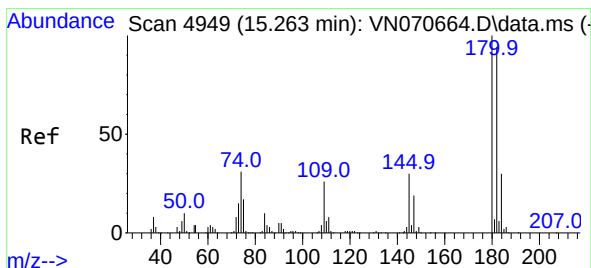
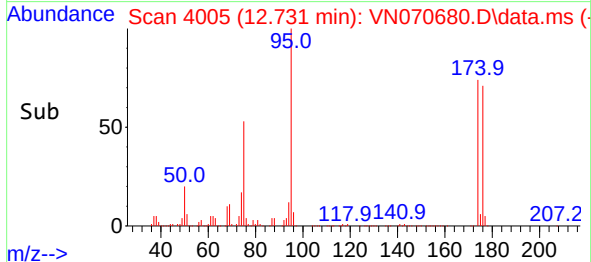
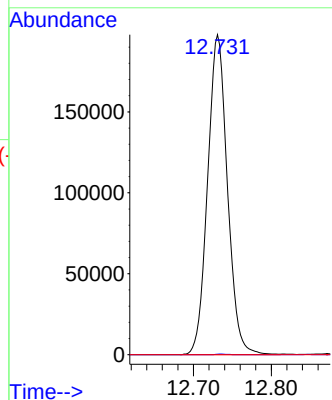
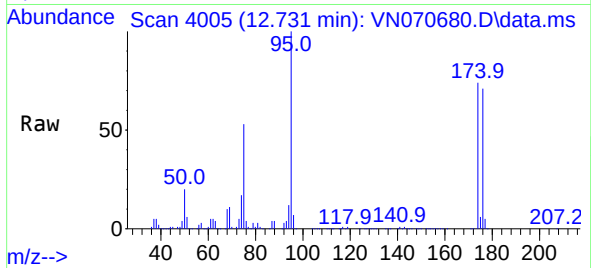
Tgt Ion: 75 Resp: 349383
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#





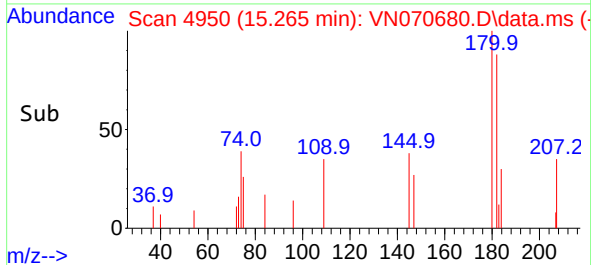
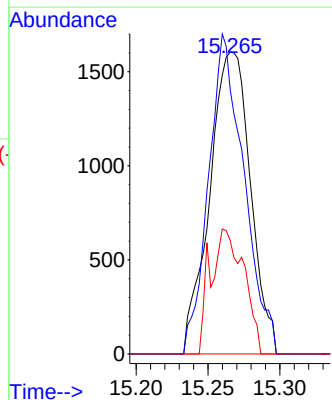
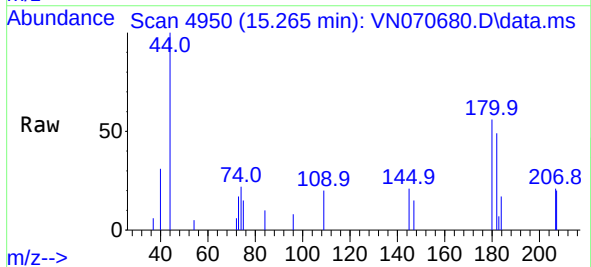
#81
trans-1,4-Dichloro-2-butene
Concen: 73.538 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

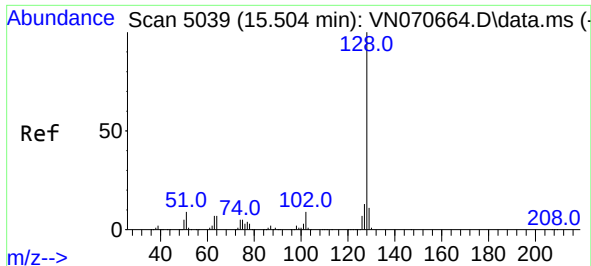
Tgt Ion: 75 Resp: 349383
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.724 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.002 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

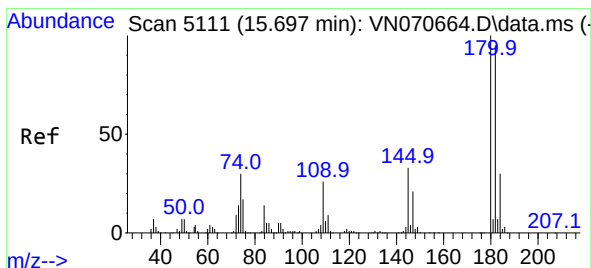
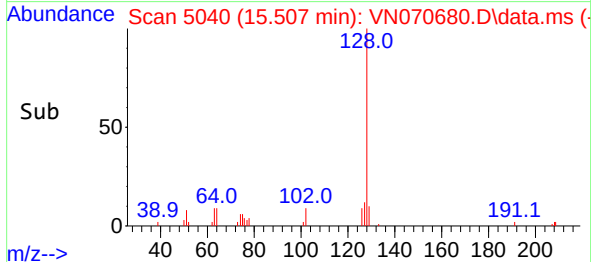
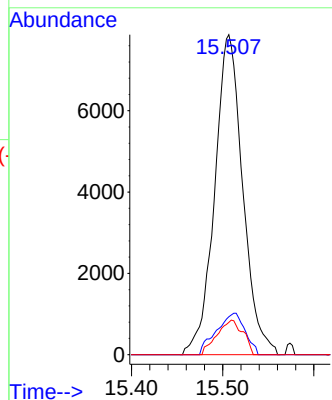
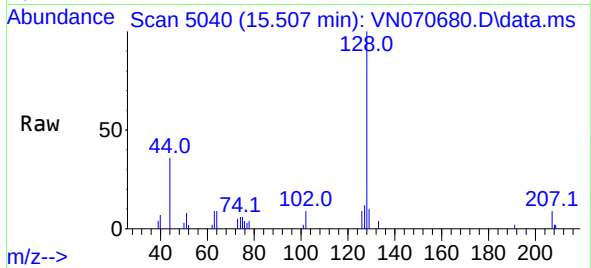
Tgt Ion: 180 Resp: 3165
Ion Ratio Lower Upper
180 100
182 91.8 48.3 144.9
145 25.9 14.5 43.5





#95
Naphthalene
Concen: 5.498 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

Tgt Ion:128	Resp:	16860
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.5 15.7
129	10.0	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.582 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. 0.003 min
Lab File: VN070680.D
Acq: 18 Jan 2022 21:32

Tgt Ion:180	Resp:	3684
Ion Ratio	Lower	Upper
180	100	
182	95.0	47.4 142.2
145	36.3	15.0 45.1

