

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070685.D
 Acq On : 18 Jan 2022 23:39
 Operator : JC/MD
 Sample : N1148-09DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 19 03:42:56 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

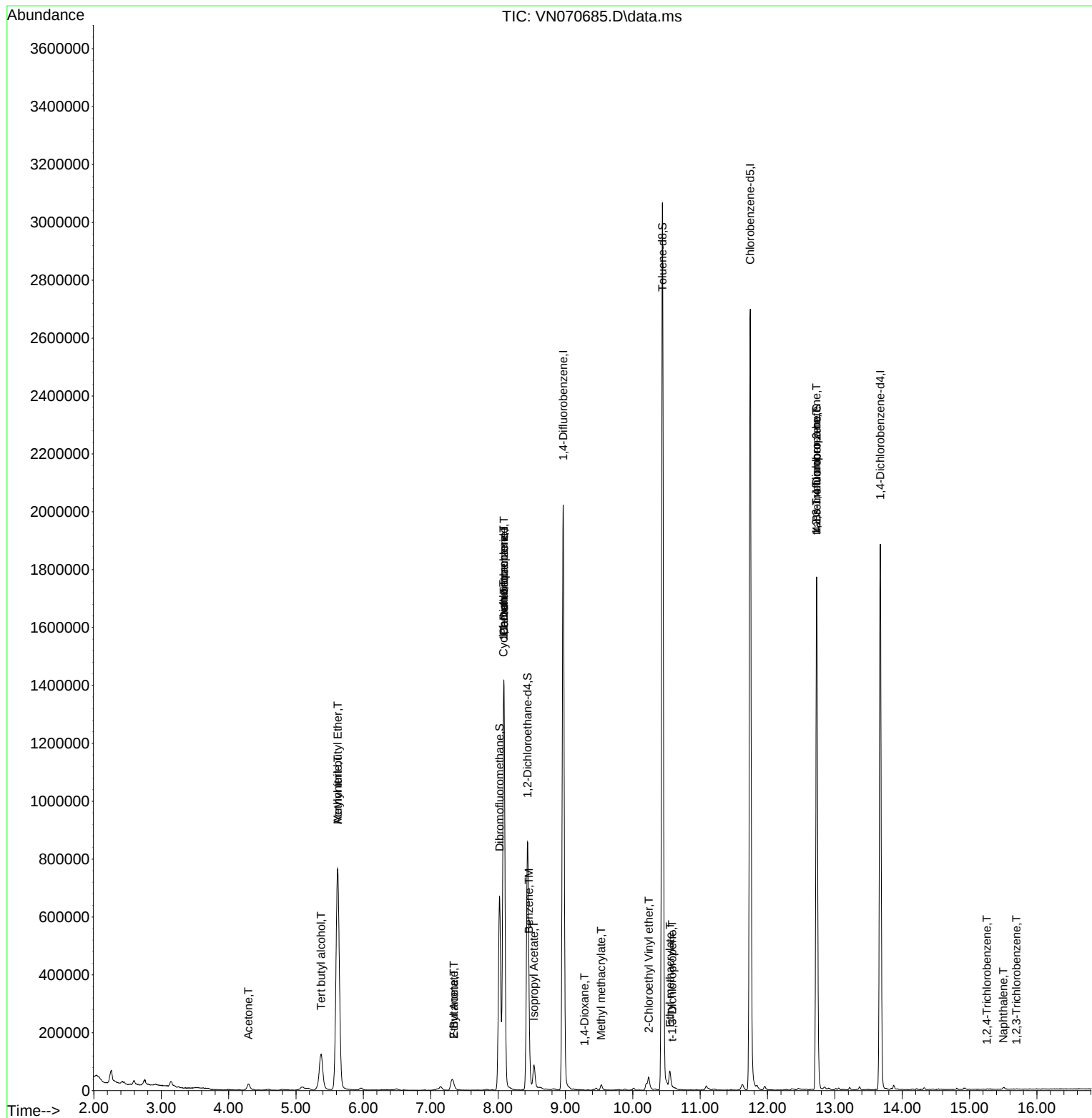
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

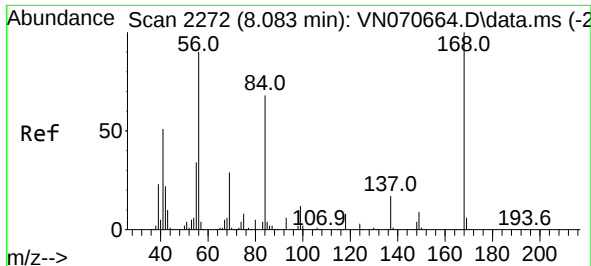
Internal Standards						
1) Pentafluorobenzene	8.086	168	1076514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1722314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1518487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	519369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	707543	45.861	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.720%
35) Dibromofluoromethane	8.021	113	498152	46.628	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.260%
50) Toluene-d8	10.441	98	2133740	47.409	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.731	95	669076	41.718	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.372	59	244551	87.859	ug/l	96
15) Acrylonitrile	5.618	53	15276	1.725	ug/l #	49
16) Acetone	4.293	43	35906	3.353	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	1232597	28.972	ug/l	95
25) 2-Butanone	7.343	43	24096	1.788	ug/l	92
30) Chloroform	7.820	83	2693	Below Cal		96
31) Cyclohexane	8.080	56	28849	1.062	ug/l #	21
36) 1,1-Dichloropropene	8.083	75	89039	4.951	ug/l #	48
37) Ethyl Acetate	7.343	43	24096	1.009	ug/l #	68
38) Carbon Tetrachloride	8.086	117	108527	6.783	ug/l #	16
40) Benzene	8.459	78	69661	1.250	ug/l	94
43) Isopropyl Acetate	8.534	43	19157	0.525	ug/l #	55
48) Methyl methacrylate	9.531	41	5209	0.300	ug/l #	41
49) 1,4-Dioxane	9.282	88	58	0.222	ug/l #	27
53) t-1,3-Dichloropropene	10.585	75	24	2.405	ug/l #	67
56) Ethyl methacrylate	10.553	69	8848	2.641	ug/l #	47
58) 2-Chloroethyl Vinyl ether	10.239	63	25	21.240	ug/l #	45
76) 1,2,3-Trichloropropane	12.728	75	348634	25.309	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	348634	75.400	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.255	180	297	3.454	ug/l #	46
95) Naphthalene	15.501	128	5634	5.137	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.695	180	415	3.258	ug/l #	31

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

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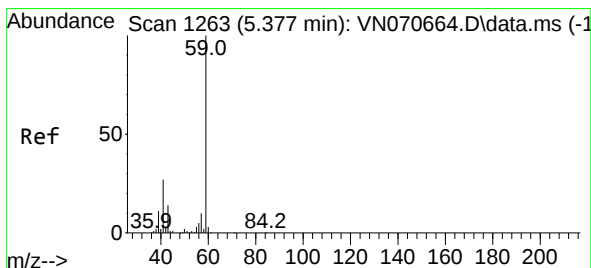
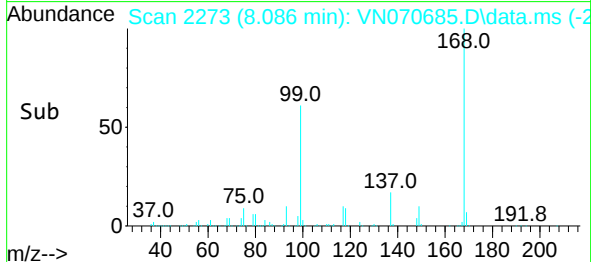
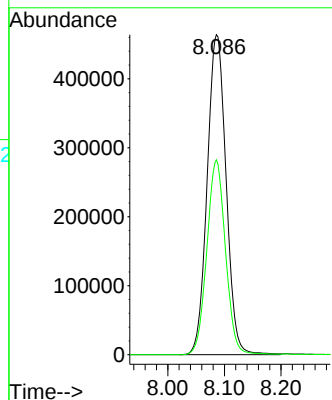
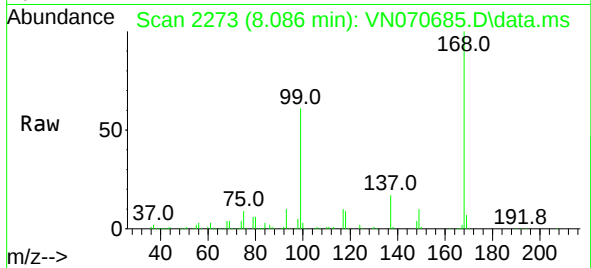
Quant Time: Jan 19 03:42:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
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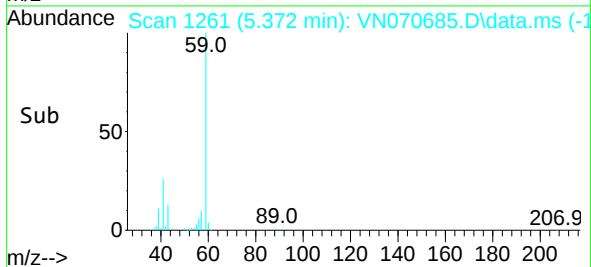
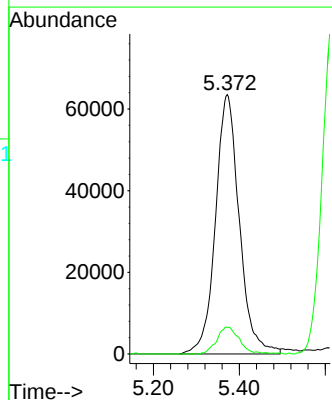
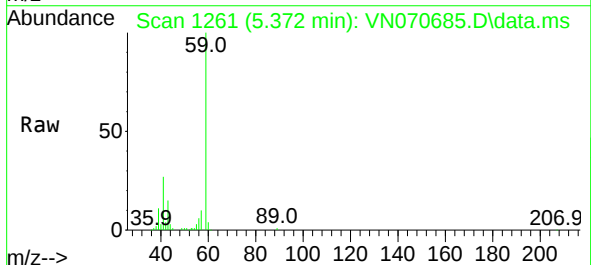
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. 0.003 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

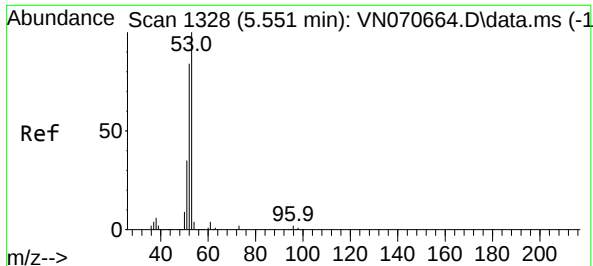
Tgt Ion:168 Resp: 1076514
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9



#11
Tert butyl alcohol
Concen: 87.859 ug/l
RT: 5.372 min Scan# 1261
Delta R.T. -0.005 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

Tgt Ion: 59 Resp: 244551
Ion Ratio Lower Upper
59 100
57 9.5 8.7 13.1





#15

Acrylonitrile

Concen: 1.725 ug/l

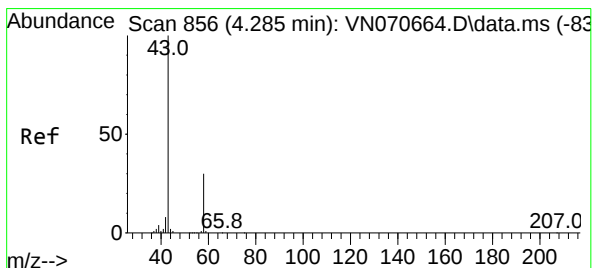
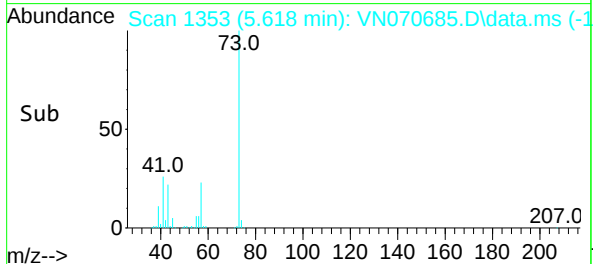
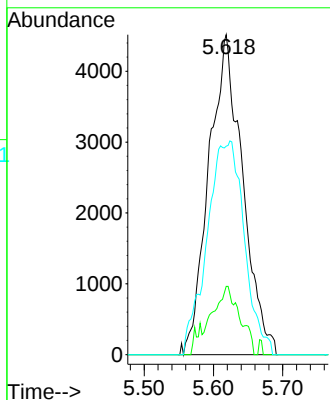
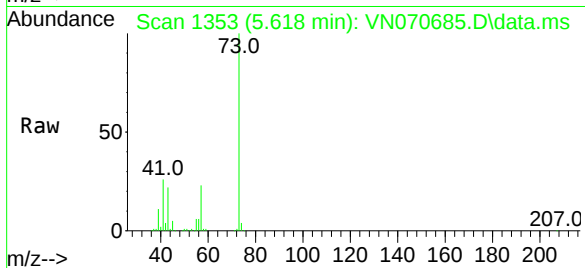
RT: 5.618 min Scan# 1353

Delta R.T. 0.067 min

Lab File: VN070685.D

Acq: 18 Jan 2022 23:39

Tgt Ion: 53	Resp: 15276
Ion Ratio	Lower Upper
53 100	
52 16.6	66.2 99.2#
51 36.1	29.6 44.4



#16

Acetone

Concen: 3.353 ug/l

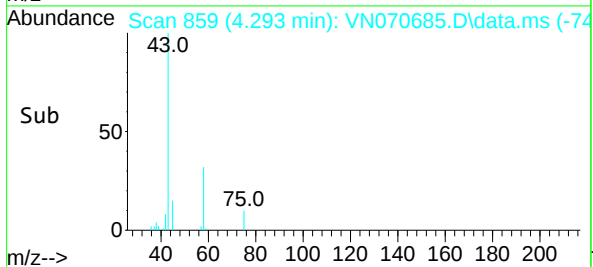
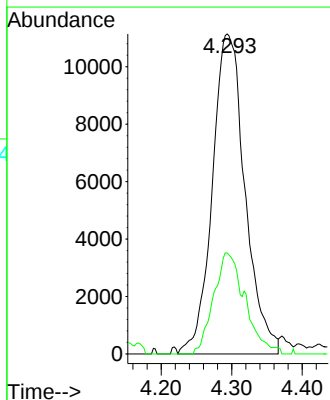
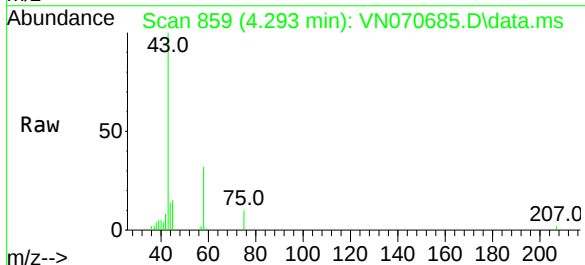
RT: 4.293 min Scan# 859

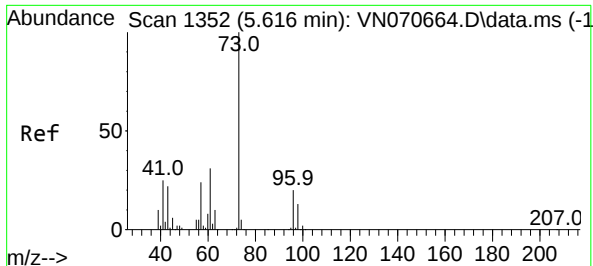
Delta R.T. 0.008 min

Lab File: VN070685.D

Acq: 18 Jan 2022 23:39

Tgt Ion: 43	Resp: 35906
Ion Ratio	Lower Upper
43 100	
58 31.5	23.1 34.7

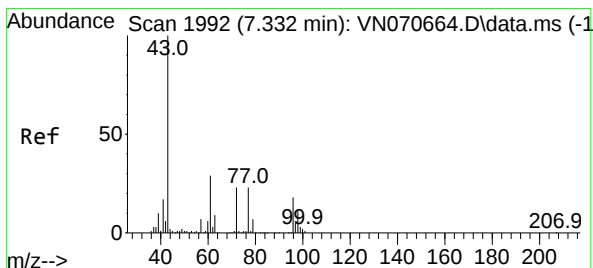
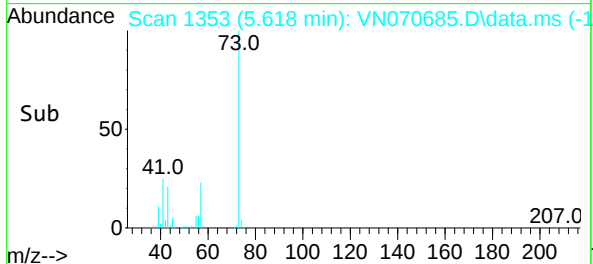
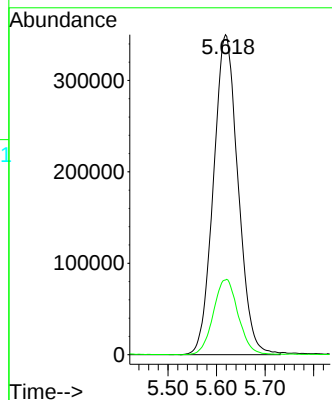
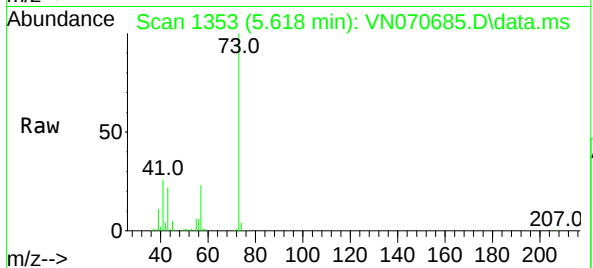




#19

Methyl tert-butyl Ether
 Concen: 28.972 ug/l
 RT: 5.618 min Scan# 1353
 Delta R.T. 0.002 min
 Lab File: VN070685.D
 Acq: 18 Jan 2022 23:39

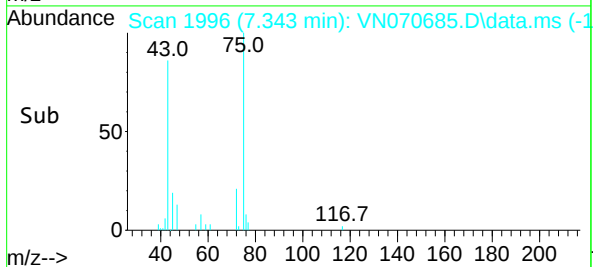
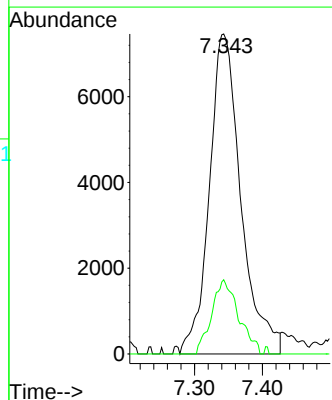
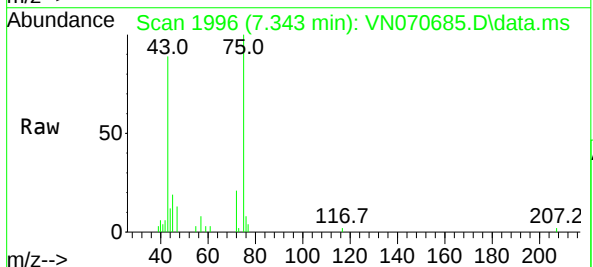
Tgt Ion: 73 Resp: 1232597
 Ion Ratio Lower Upper
 73 100
 57 23.4 16.8 25.2

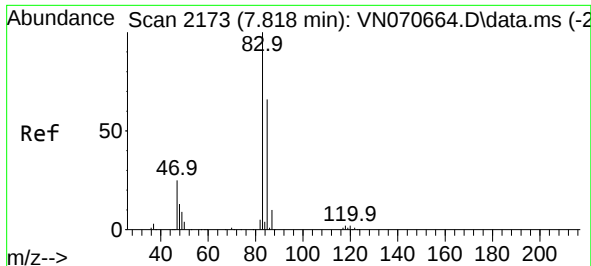


#25

2-Butanone
 Concen: 1.788 ug/l
 RT: 7.343 min Scan# 1996
 Delta R.T. 0.011 min
 Lab File: VN070685.D
 Acq: 18 Jan 2022 23:39

Tgt Ion: 43 Resp: 24096
 Ion Ratio Lower Upper
 43 100
 72 23.2 21.7 32.5





#30

Chloroform

Concen: Below Cal

RT: 7.820 min Scan# 2174

Delta R.T. 0.002 min

Lab File: VN070685.D

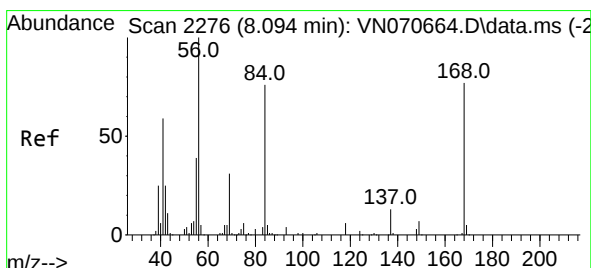
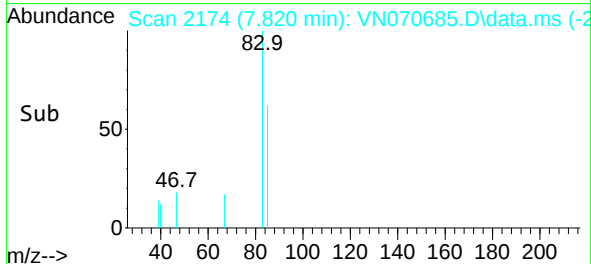
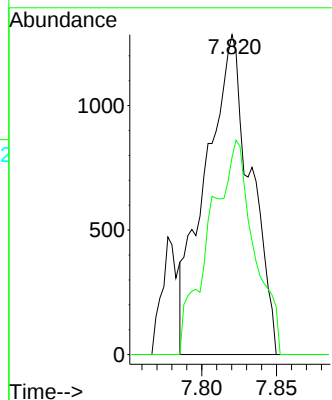
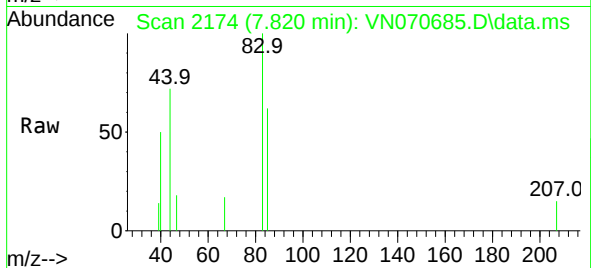
Acq: 18 Jan 2022 23:39

Tgt Ion: 83 Resp: 2693

Ion Ratio Lower Upper

83 100

85 61.7 51.9 77.9



#31

Cyclohexane

Concen: 1.062 ug/l

RT: 8.080 min Scan# 2271

Delta R.T. -0.014 min

Lab File: VN070685.D

Acq: 18 Jan 2022 23:39

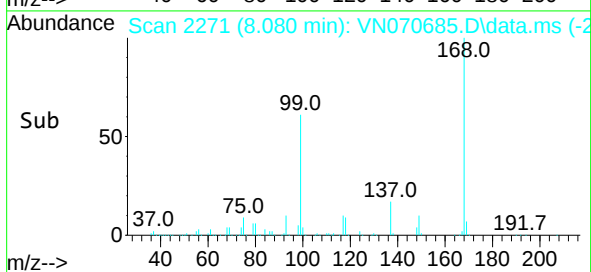
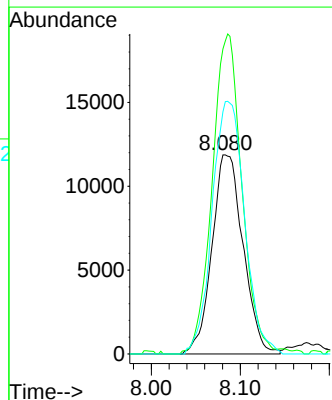
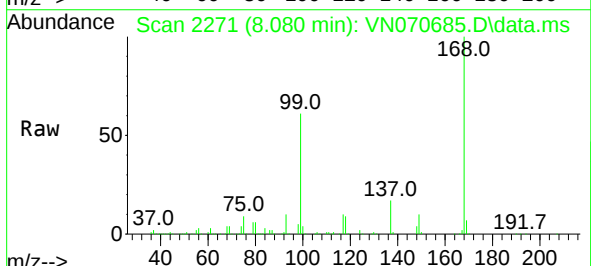
Tgt Ion: 56 Resp: 28849

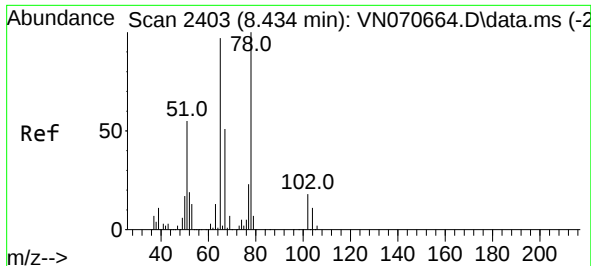
Ion Ratio Lower Upper

56 100

69 153.2 27.1 40.7#

84 121.6 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 45.861 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070685.D

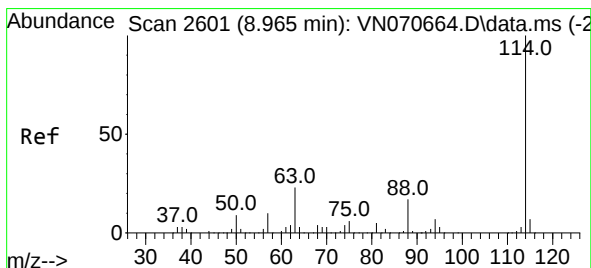
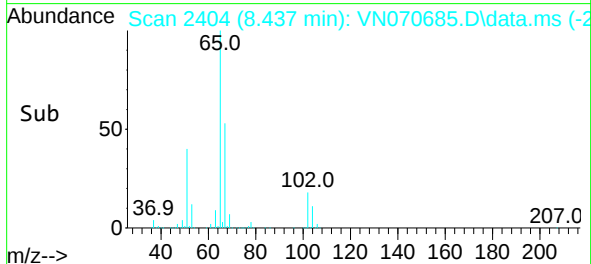
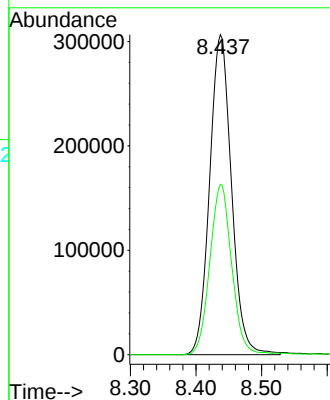
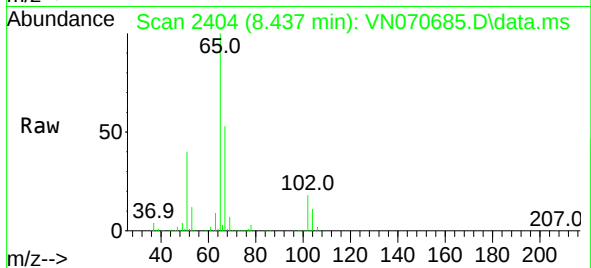
Acq: 18 Jan 2022 23:39

Tgt Ion: 65 Resp: 707543

Ion Ratio Lower Upper

65 100

67 53.2 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: VN070685.D

Acq: 18 Jan 2022 23:39

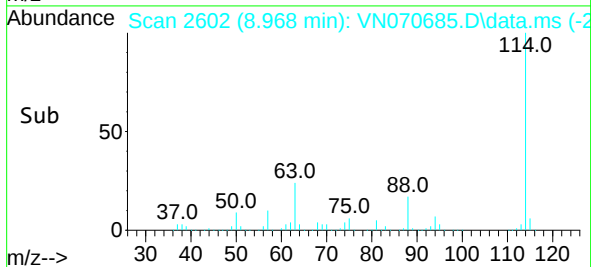
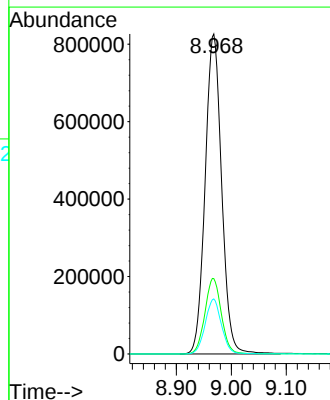
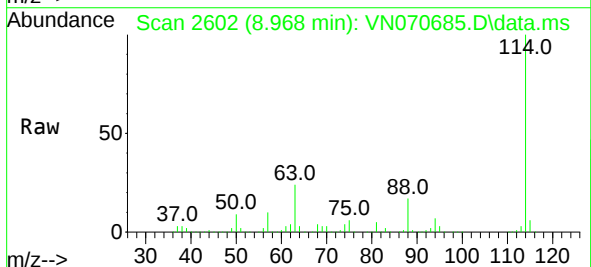
Tgt Ion: 114 Resp: 1722314

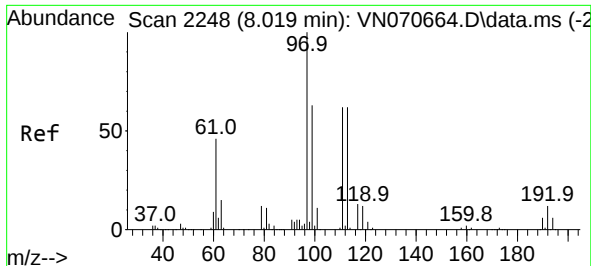
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

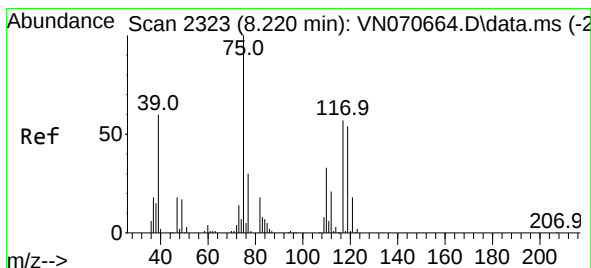
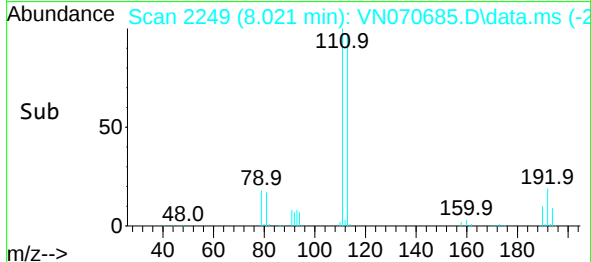
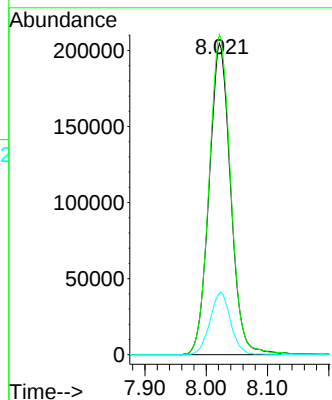
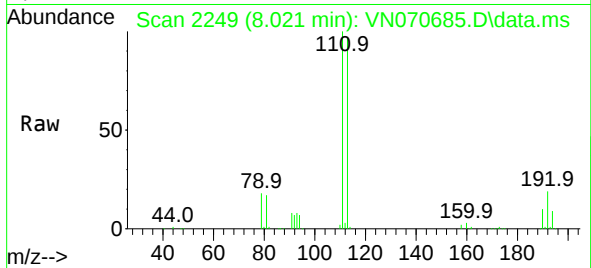
88 17.2 0.0 27.4





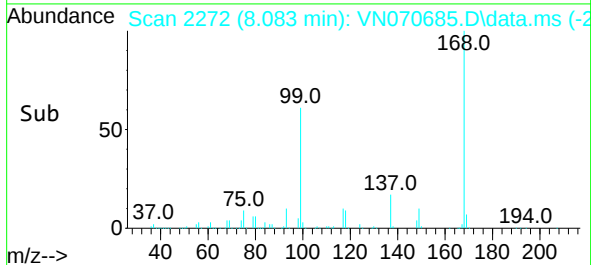
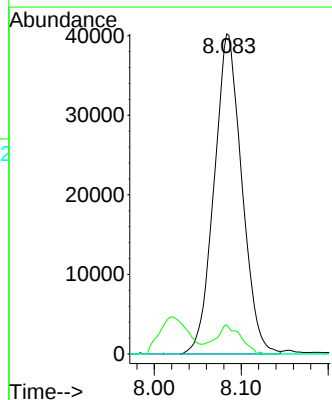
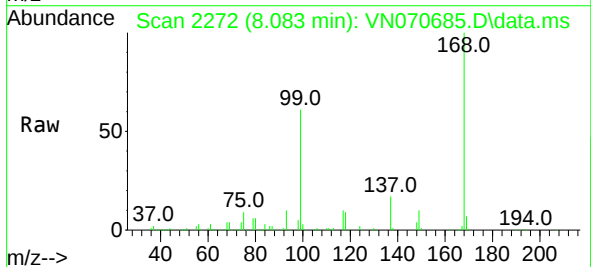
#35
Dibromofluoromethane
Concen: 46.628 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

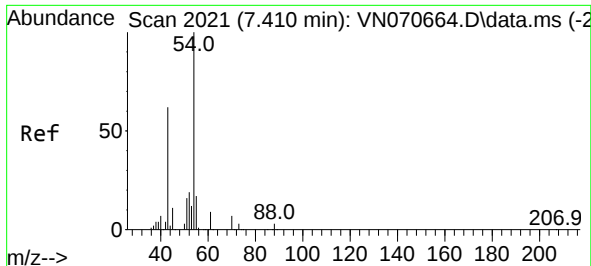
Tgt Ion: 113 Resp: 498152
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.951 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

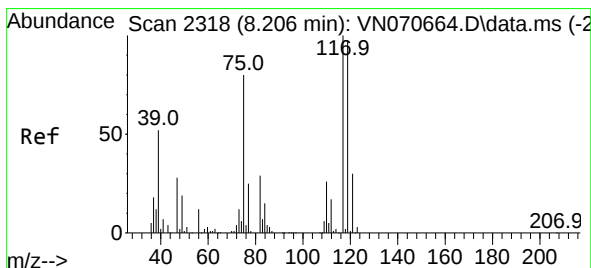
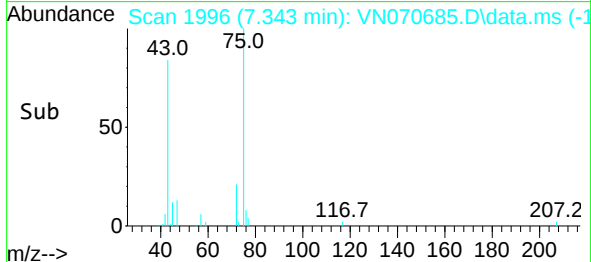
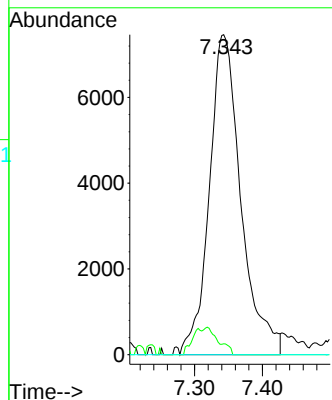
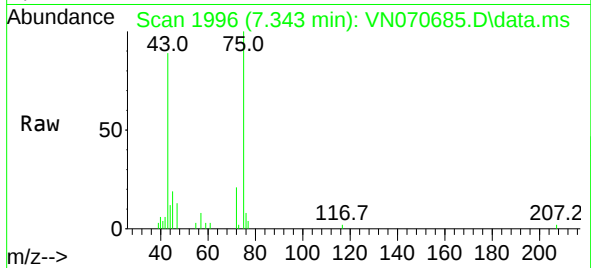
Tgt Ion: 75 Resp: 89039
Ion Ratio Lower Upper
75 100
110 8.2 18.4 55.2#
77 0.0 24.4 36.6#





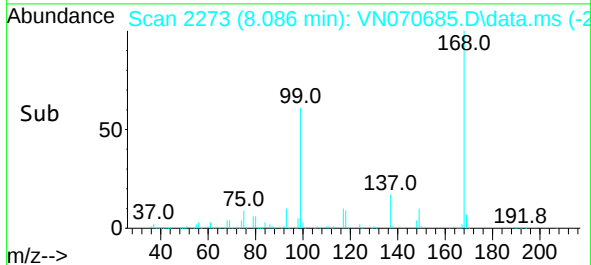
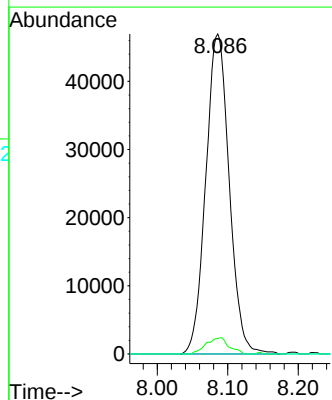
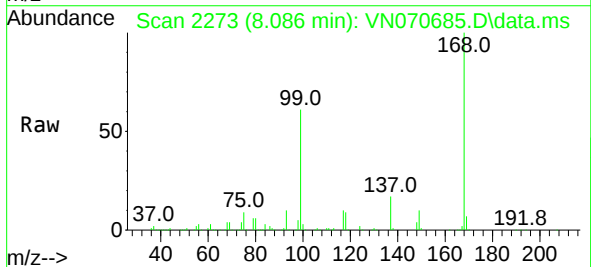
#37
Ethyl Acetate
Concen: 1.009 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. -0.067 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

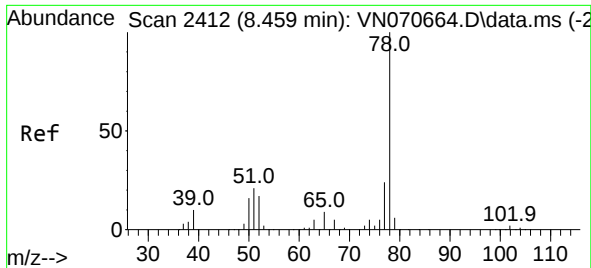
Tgt Ion: 43 Resp: 24096
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.783 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

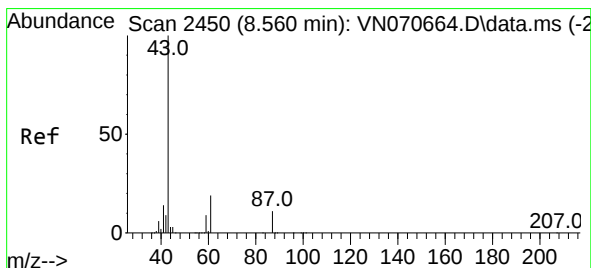
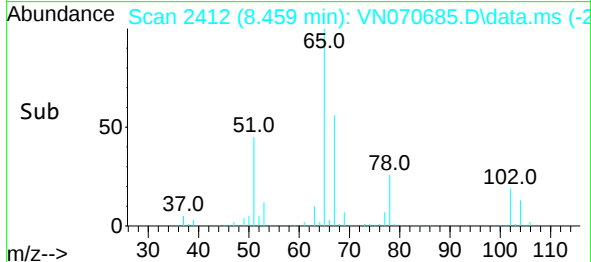
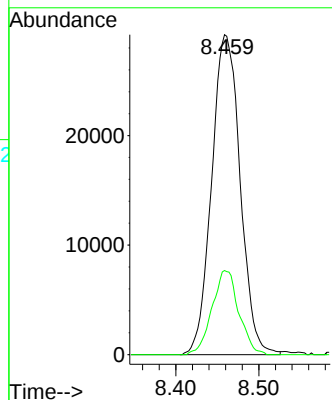
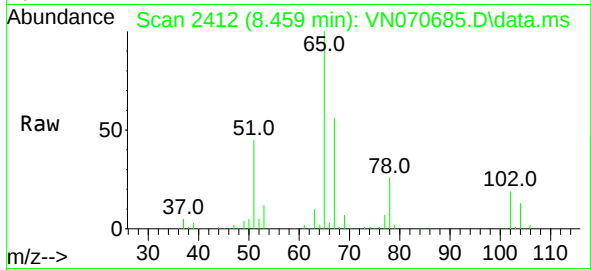
Tgt Ion: 117 Resp: 108527
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#





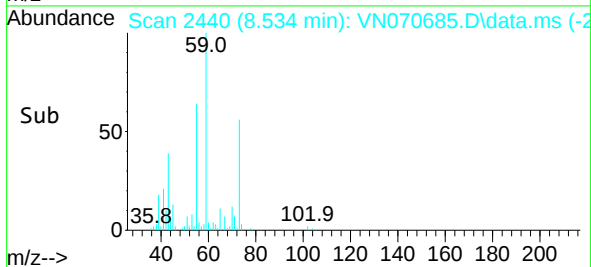
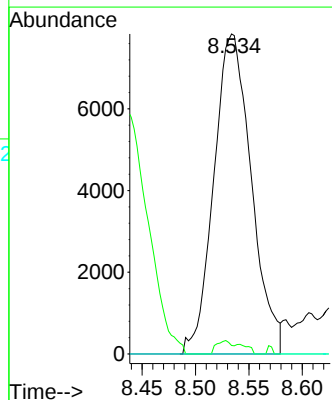
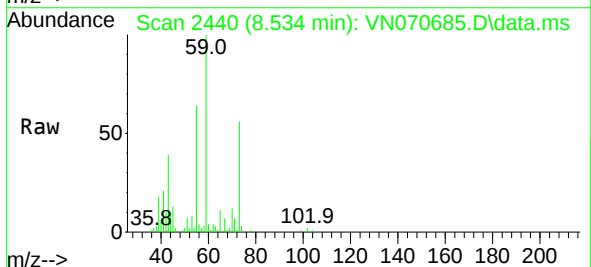
#40
Benzene
Concen: 1.250 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.000 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

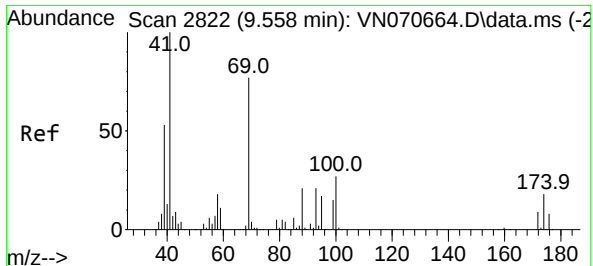
Tgt Ion: 78 Resp: 69661
Ion Ratio Lower Upper
78 100
77 26.3 18.6 27.8



#43
Isopropyl Acetate
Concen: 0.525 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. -0.026 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

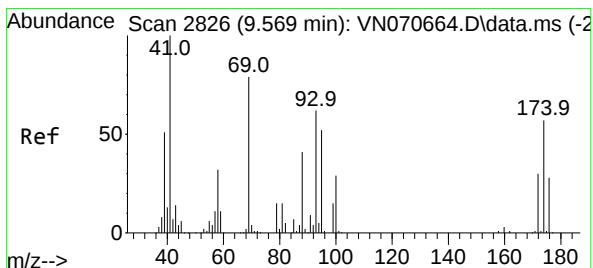
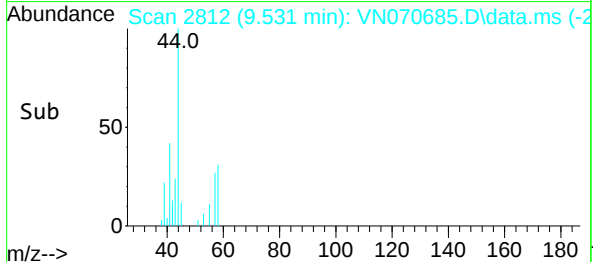
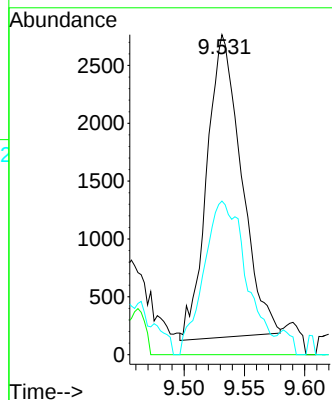
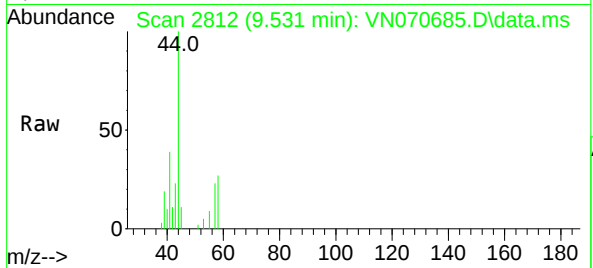
Tgt Ion: 43 Resp: 19157
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#





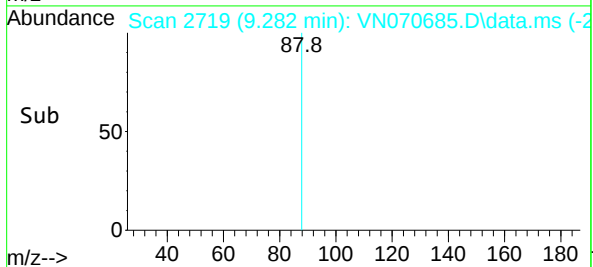
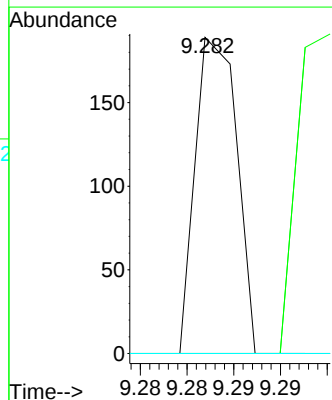
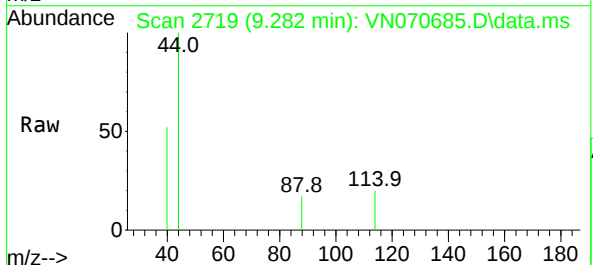
#48
Methyl methacrylate
Concen: 0.300 ug/l
RT: 9.531 min Scan# 2812
Delta R.T. -0.027 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

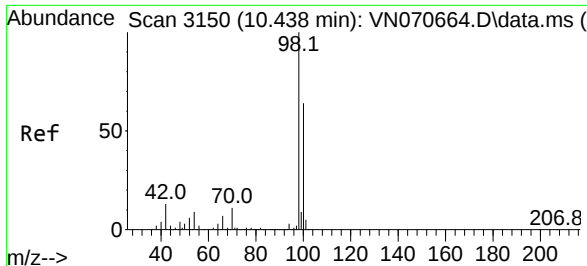
Tgt Ion: 41 Resp: 5209
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 62.3 58.4 87.6



#49
1,4-Dioxane
Concen: 0.222 ug/l
RT: 9.282 min Scan# 2719
Delta R.T. -0.287 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

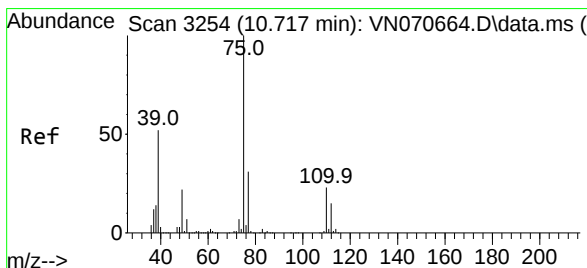
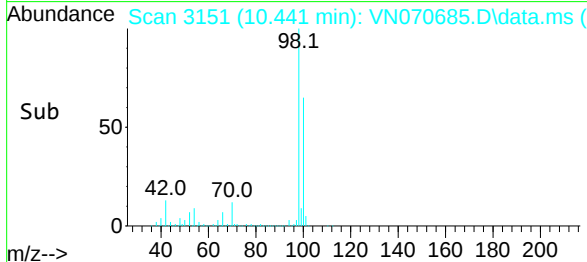
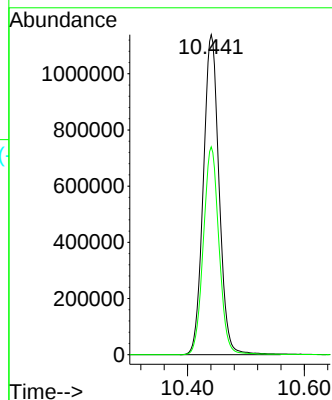
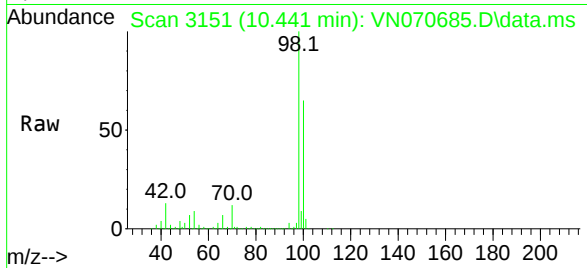
Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#





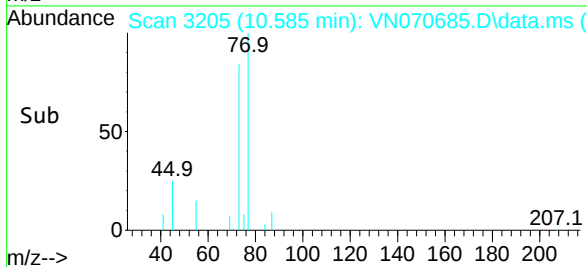
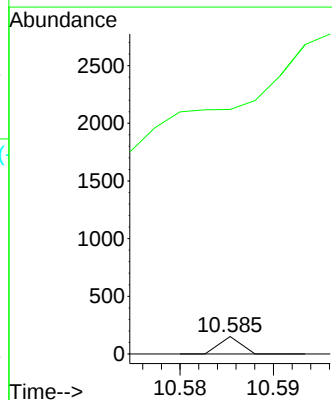
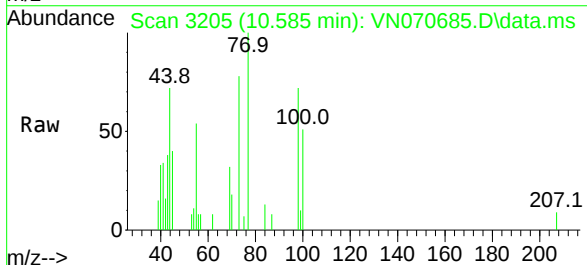
#50
Toluene-d8
Concen: 47.409 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

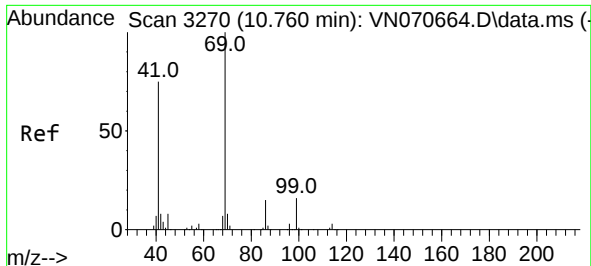
Tgt Ion: 98 Resp: 2133740
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.405 ug/l
RT: 10.585 min Scan# 3205
Delta R.T. -0.132 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

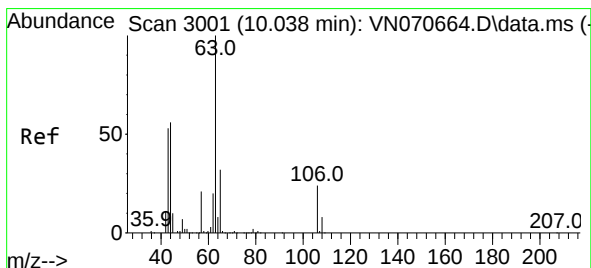
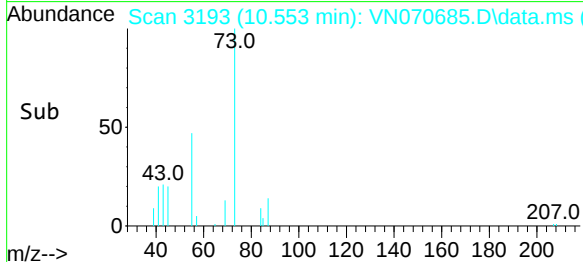
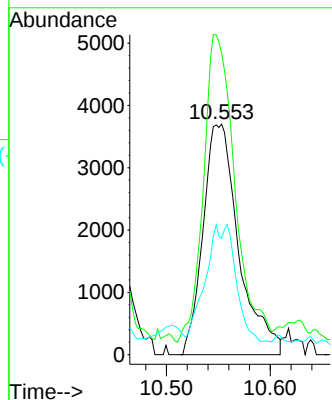
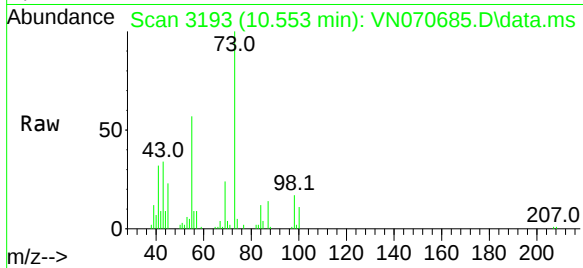
Tgt Ion: 75 Resp: 24
Ion Ratio Lower Upper
75 100
77 13.8 25.6 38.4#





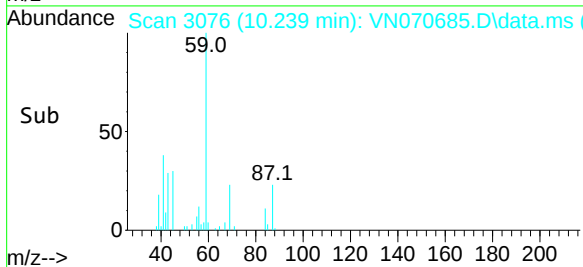
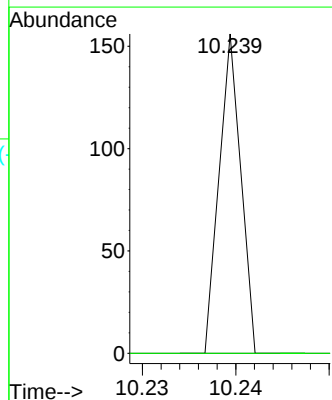
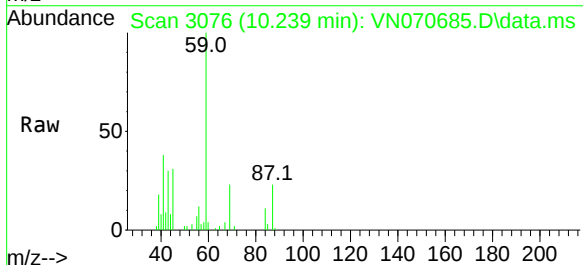
#56
Ethyl methacrylate
Concen: 2.641 ug/l
RT: 10.553 min Scan# 3193
Delta R.T. -0.207 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

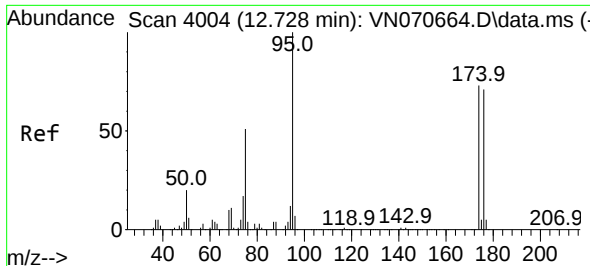
Tgt Ion: 69 Resp: 8848
Ion Ratio Lower Upper
69 100
41 117.0 51.4 77.0#
39 22.4 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 21.240 ug/l
RT: 10.239 min Scan# 3076
Delta R.T. 0.201 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

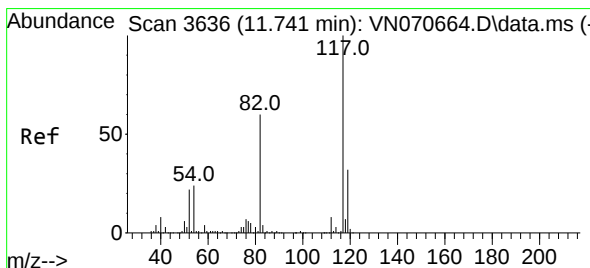
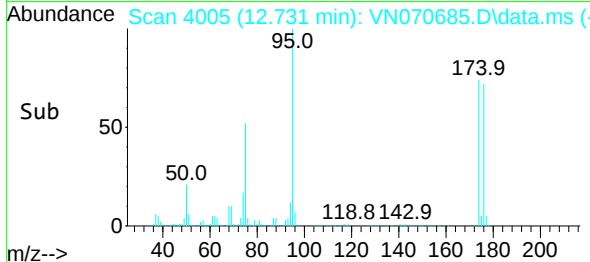
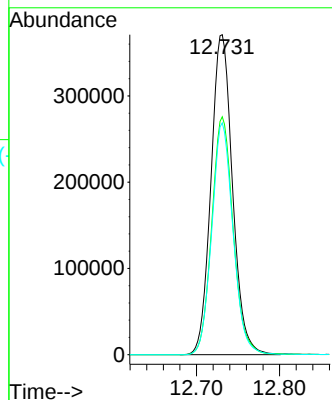
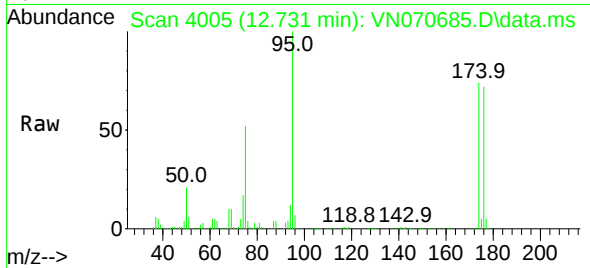
Tgt Ion: 63 Resp: 25
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#





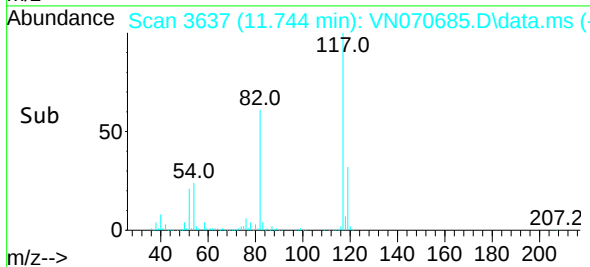
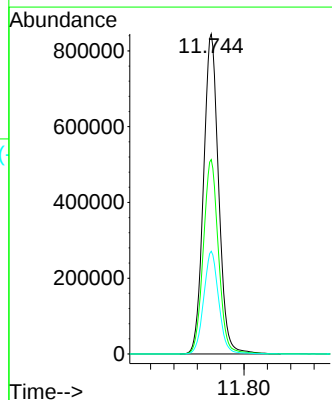
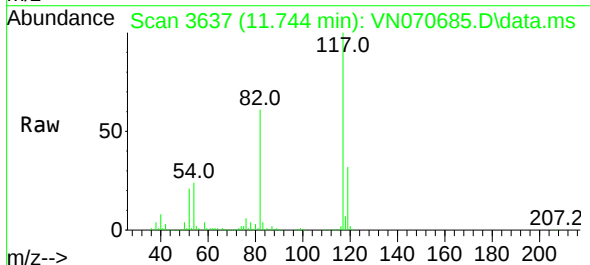
#62
4-Bromofluorobenzene
Concen: 41.718 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

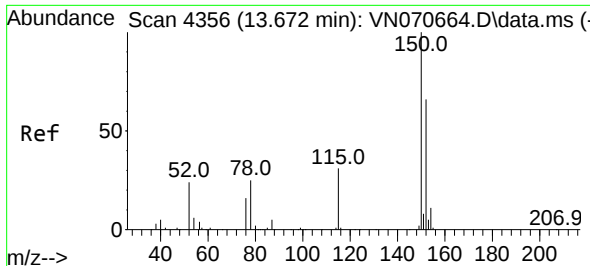
Tgt Ion: 95 Resp: 669076
Ion Ratio Lower Upper
95 100
174 73.9 0.0 187.2
176 71.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

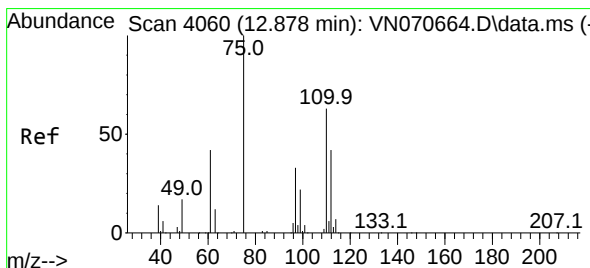
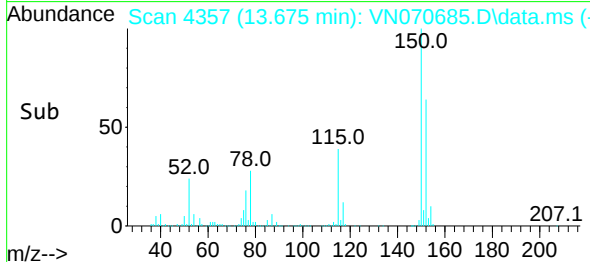
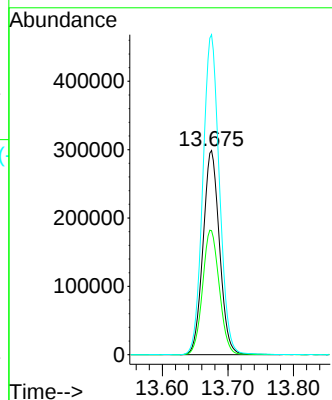
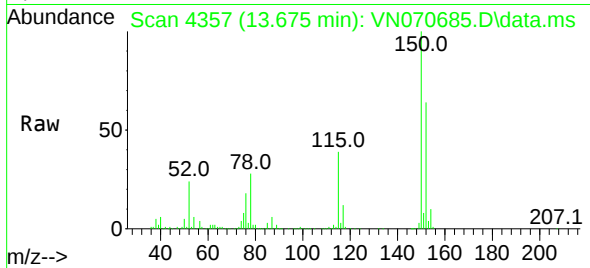
Tgt Ion: 117 Resp: 1518487
Ion Ratio Lower Upper
117 100
82 60.8 42.4 63.6
119 32.1 25.4 38.2





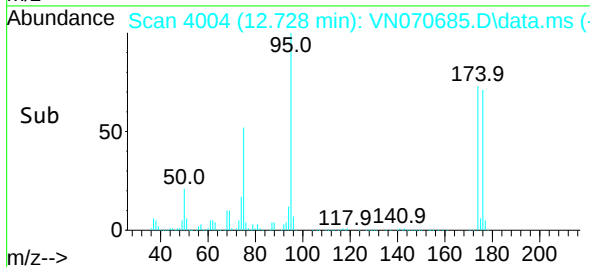
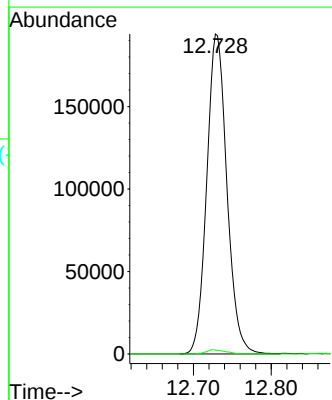
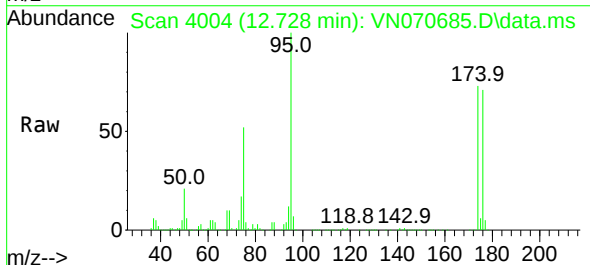
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

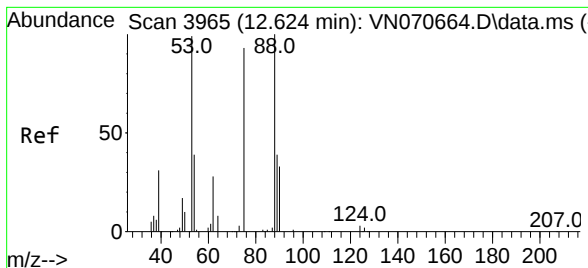
Tgt Ion:152 Resp: 519369
Ion Ratio Lower Upper
152 100
115 62.0 27.5 82.5
150 158.0 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 25.309 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

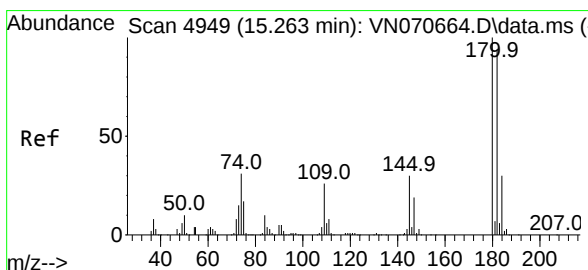
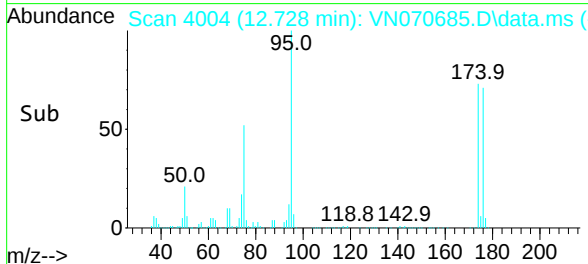
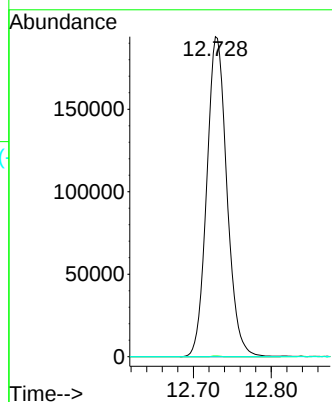
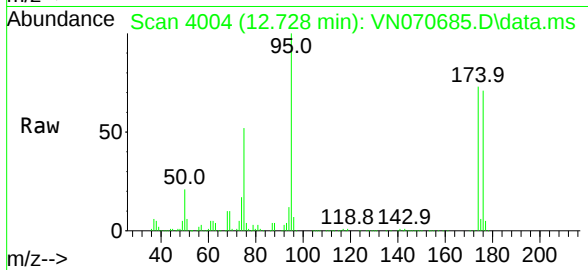
Tgt Ion: 75 Resp: 348634
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#





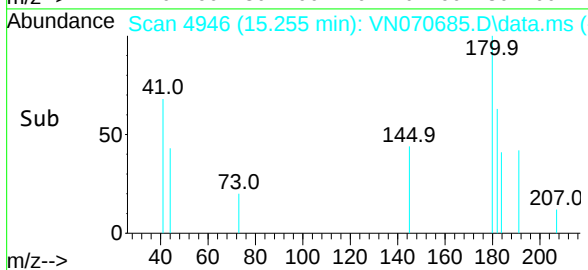
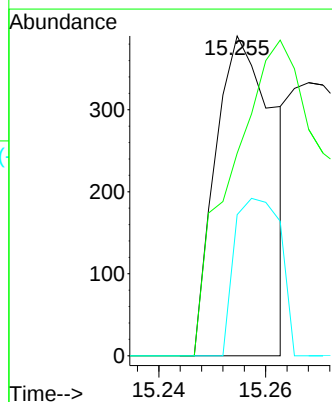
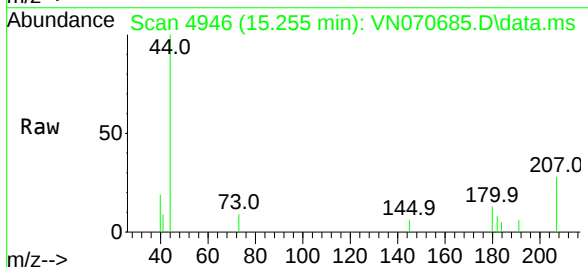
#81
trans-1,4-Dichloro-2-butene
Concen: 75.400 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

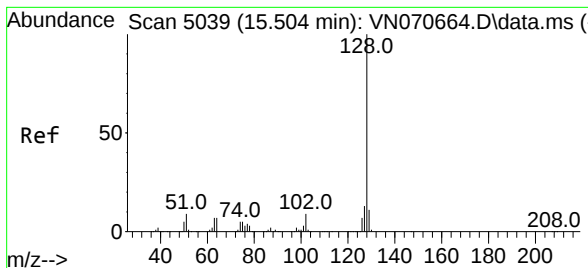
Tgt Ion: 75 Resp: 348634
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.454 ug/l
RT: 15.255 min Scan# 4946
Delta R.T. -0.008 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

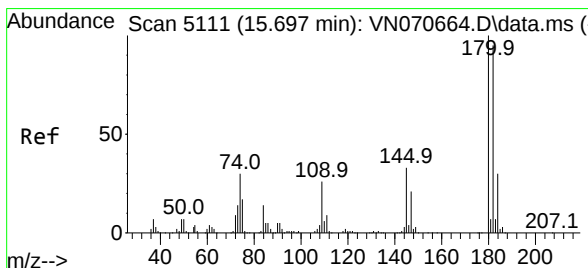
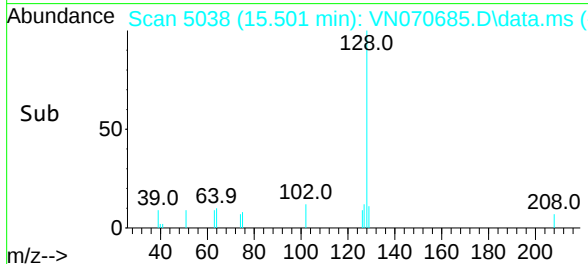
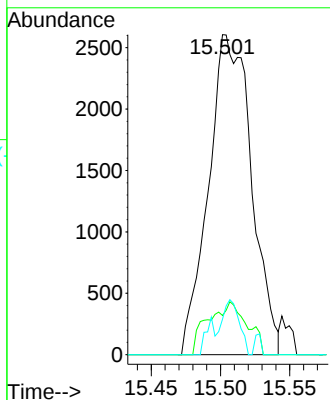
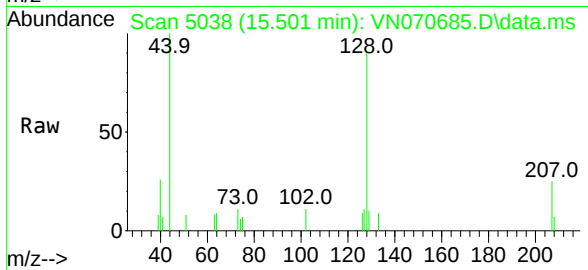
Tgt Ion:180 Resp: 297
Ion Ratio Lower Upper
180 100
182 160.3 48.3 144.9#
145 38.7 14.5 43.5





#95
Naphthalene
Concen: 5.137 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.003 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

Tgt Ion:128 Resp: 5634
Ion Ratio Lower Upper
128 100
127 15.0 10.5 15.7
129 6.9 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.258 ug/l
RT: 15.695 min Scan# 5110
Delta R.T. -0.002 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

Tgt Ion:180 Resp: 415
Ion Ratio Lower Upper
180 100
182 19.5 47.4 142.2#
145 6.3 15.0 45.1#

