

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070675.D
 Acq On : 18 Jan 2022 19:25
 Operator : JC/MD
 Sample : N1145-02ME
 Misc : 6.52g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 19 03:41:21 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

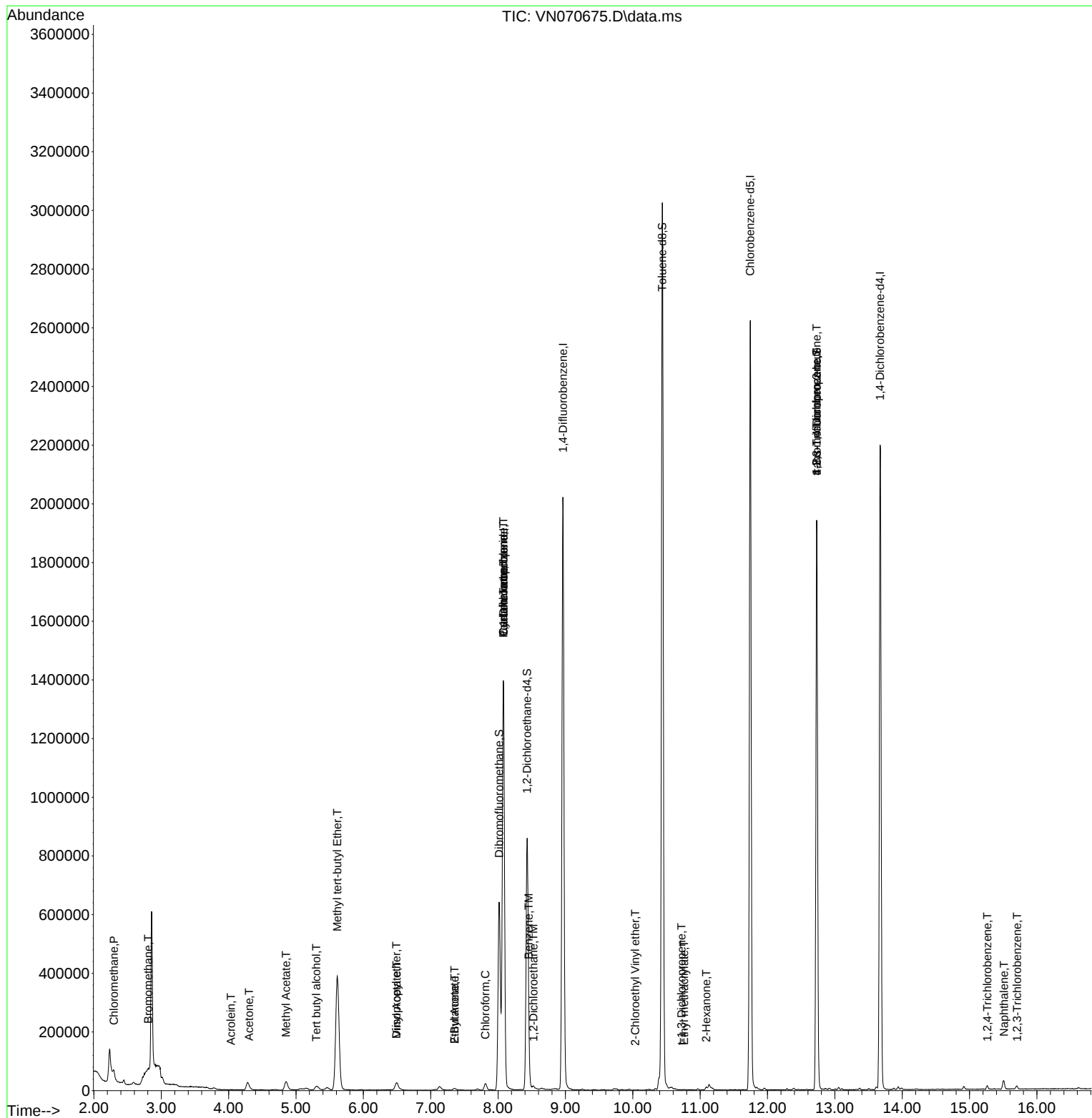
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

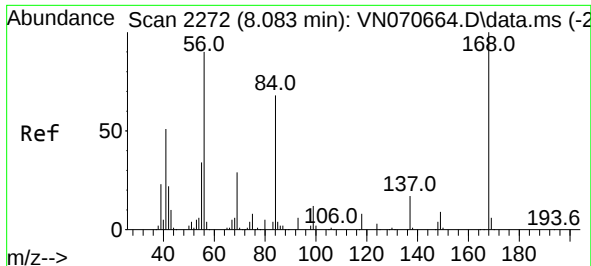
Internal Standards						
1) Pentafluorobenzene	8.080	168	1075730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1733815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1503249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	609719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	718906	46.631	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.260%
35) Dibromofluoromethane	8.016	113	482760	44.888	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.780%
50) Toluene-d8	10.438	98	2164508	47.774	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.540%
62) 4-Bromofluorobenzene	12.731	95	708314	43.872	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.740%
Target Compounds						
					Qvalue	
3) Chloromethane	2.295	50	20860	1.148	ug/l	97
5) Bromomethane	2.808	94	3052	0.339	ug/l #	76
11) Tert butyl alcohol	5.302	59	14635	5.262	ug/l #	71
13) Acrolein	4.033	56	1402	0.351	ug/l #	40
16) Acetone	4.304	43	10661	0.996	ug/l #	87
18) Methyl Acetate	4.851	43	66870	3.178	ug/l	90
19) Methyl tert-butyl Ether	5.613	73	618486	14.548	ug/l	95
22) Diisopropyl ether	6.490	45	17103	0.333	ug/l	88
23) Vinyl Acetate	6.493	43	17571	0.403	ug/l #	72
25) 2-Butanone	7.354	43	10576	0.785	ug/l #	76
30) Chloroform	7.809	83	23192	0.422	ug/l	97
31) Cyclohexane	8.078	56	25980	0.957	ug/l #	19
36) 1,1-Dichloropropene	8.078	75	87128	4.812	ug/l #	49
37) Ethyl Acetate	7.354	43	10576	0.440	ug/l #	68
38) Carbon Tetrachloride	8.078	117	106225	6.595	ug/l #	16
40) Benzene	8.456	78	36616	0.653	ug/l	99
42) 1,2-Dichloroethane	8.526	62	8410	0.432	ug/l	90
53) t-1,3-Dichloropropene	10.722	75	364	2.420	ug/l #	49
56) Ethyl methacrylate	10.760	69	438	2.318	ug/l #	21
58) 2-Chloroethyl Vinyl ether	10.036	63	78	21.248	ug/l #	45
59) 2-Hexanone	11.092	43	8897	0.523	ug/l	83
76) 1,2,3-Trichloropropane	12.731	75	370986	22.941	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	370986	68.345	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.265	180	3954	3.752	ug/l	92
95) Naphthalene	15.509	128	29665	5.794	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.705	180	4336	3.593	ug/l	97

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

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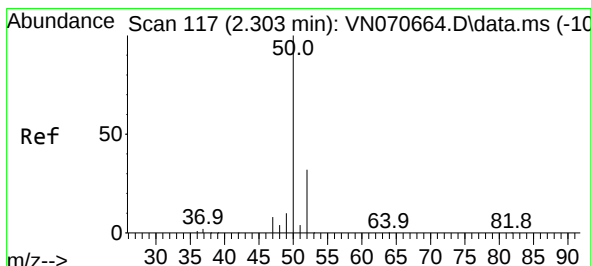
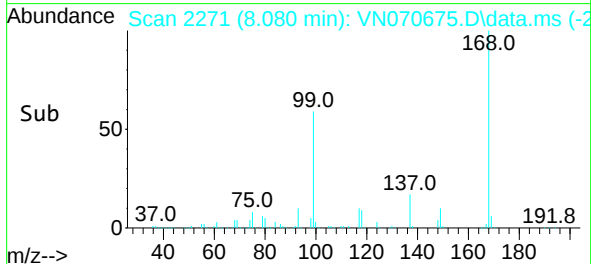
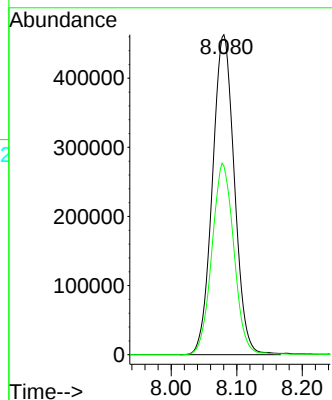
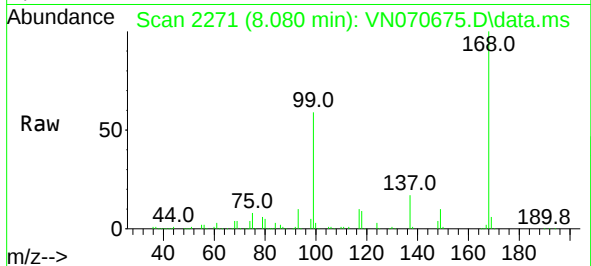
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
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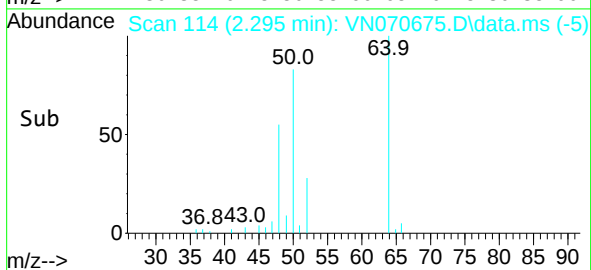
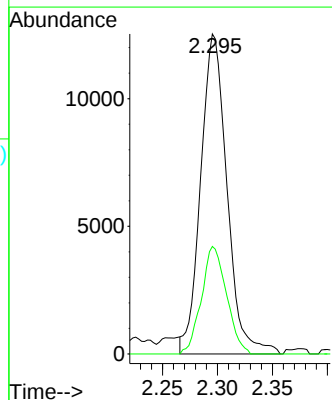
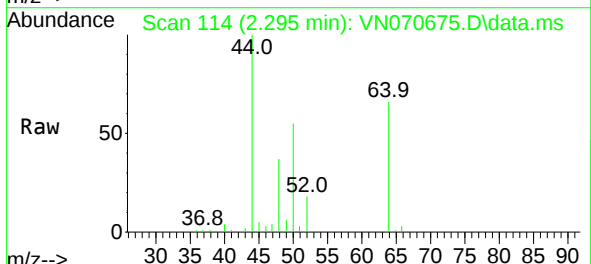
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.003 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

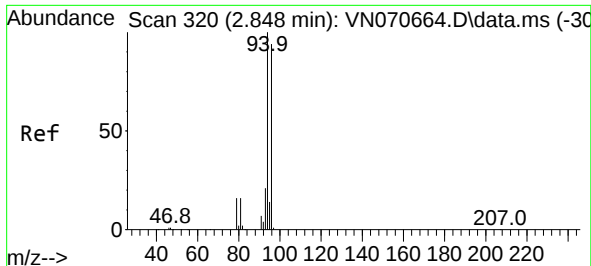
Tgt Ion:168 Resp: 1075730
Ion Ratio Lower Upper
168 100
99 59.0 41.3 61.9



#3
Chloromethane
Concen: 1.148 ug/l
RT: 2.295 min Scan# 114
Delta R.T. -0.008 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

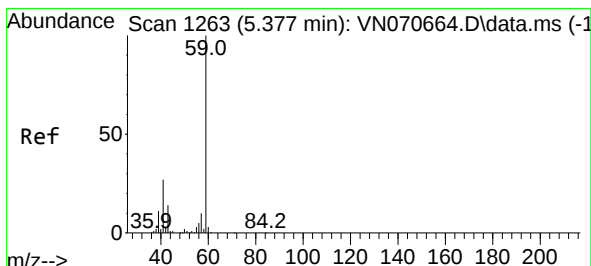
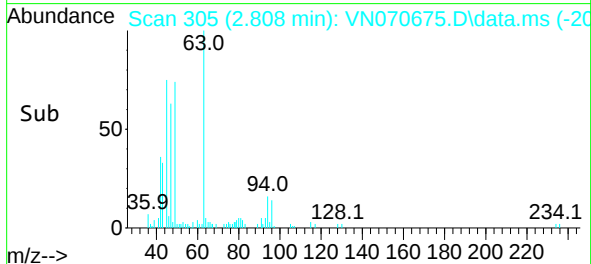
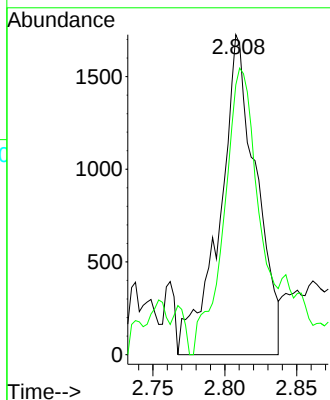
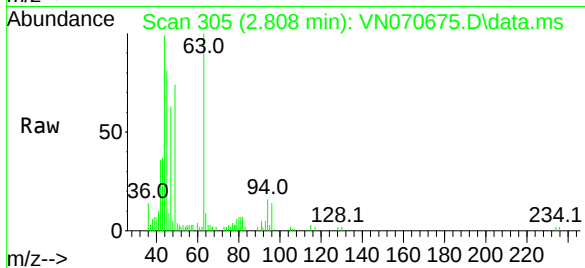
Tgt Ion: 50 Resp: 20860
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.0





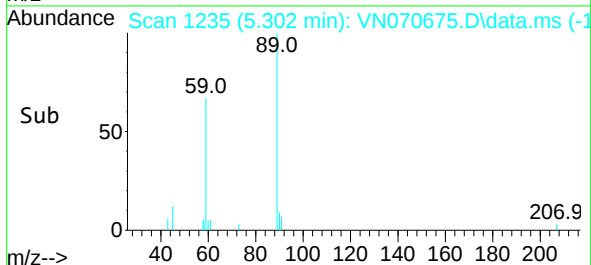
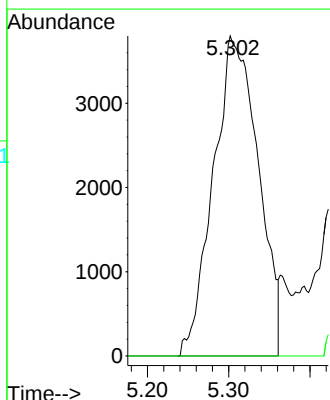
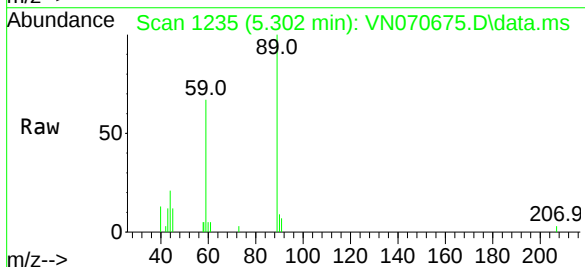
#5
Bromomethane
Concen: 0.339 ug/l
RT: 2.808 min Scan# 305
Delta R.T. -0.040 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

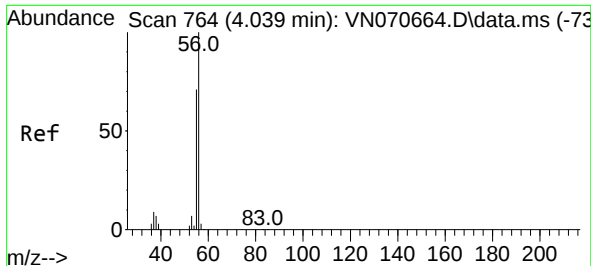
Tgt Ion: 94 Resp: 3052
Ion Ratio Lower Upper
94 100
96 68.9 73.8 110.8#



#11
Tert butyl alcohol
Concen: 5.262 ug/l
RT: 5.302 min Scan# 1235
Delta R.T. -0.075 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

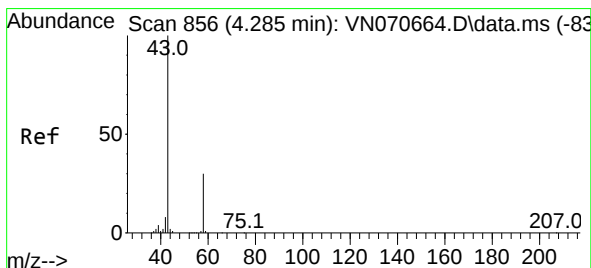
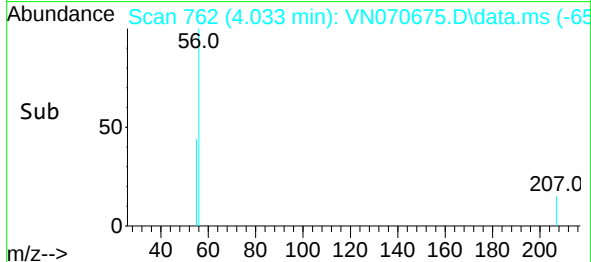
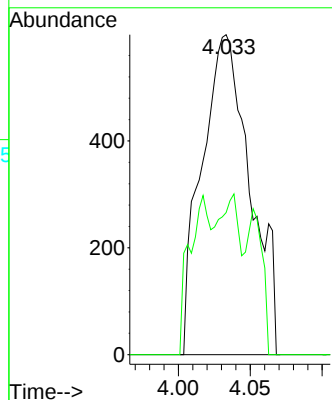
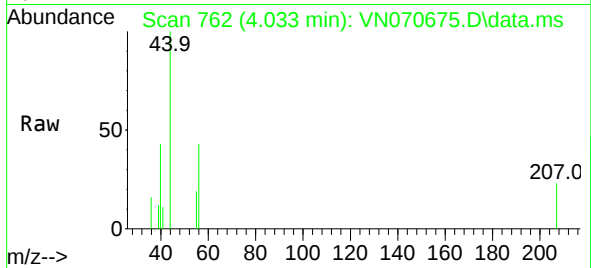
Tgt Ion: 59 Resp: 14635
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





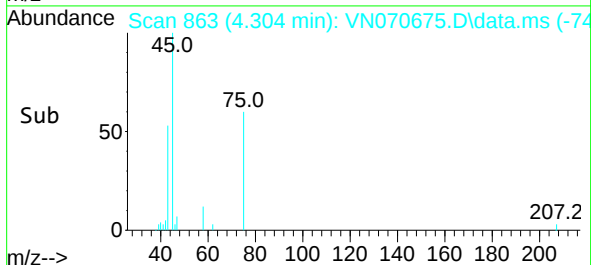
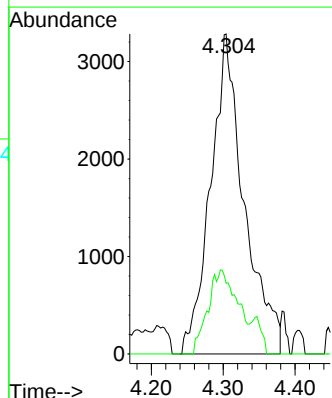
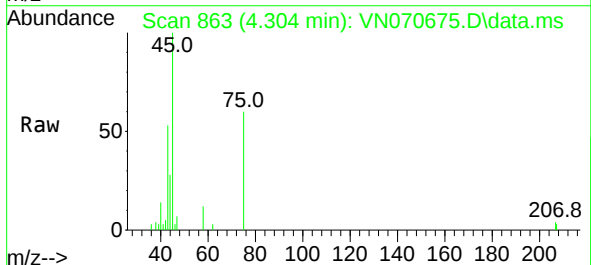
#13
Acrolein
Concen: 0.351 ug/l
RT: 4.033 min Scan# 762
Delta R.T. -0.006 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

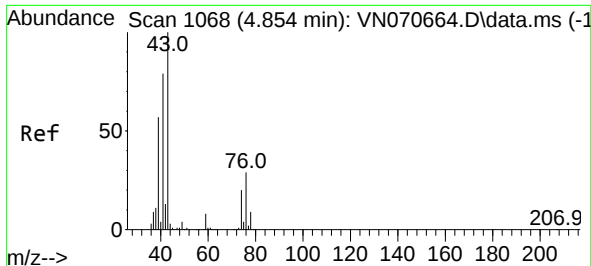
Tgt Ion: 56 Resp: 1402
Ion Ratio Lower Upper
56 100
55 21.5 56.6 85.0#



#16
Acetone
Concen: 0.996 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

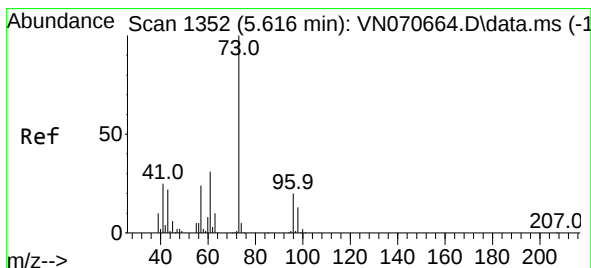
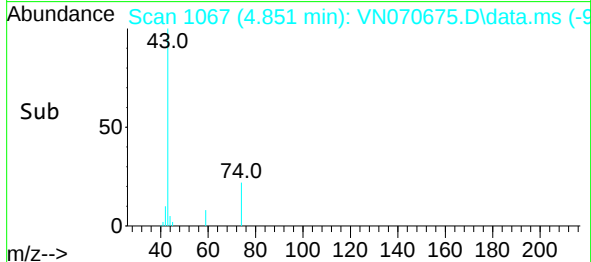
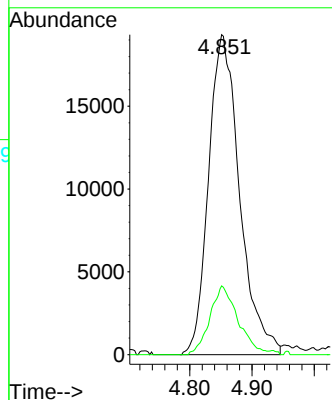
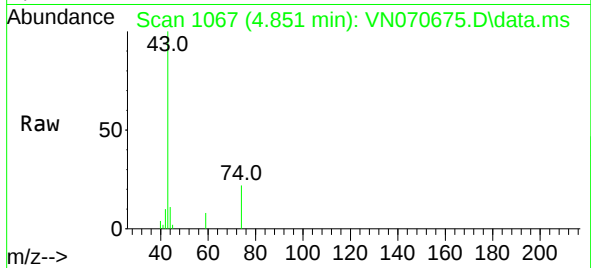
Tgt Ion: 43 Resp: 10661
Ion Ratio Lower Upper
43 100
58 22.1 23.1 34.7#





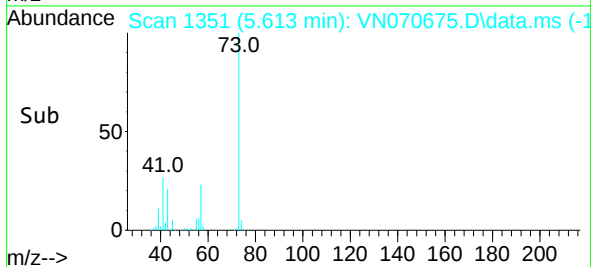
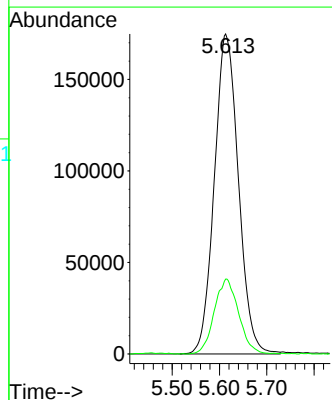
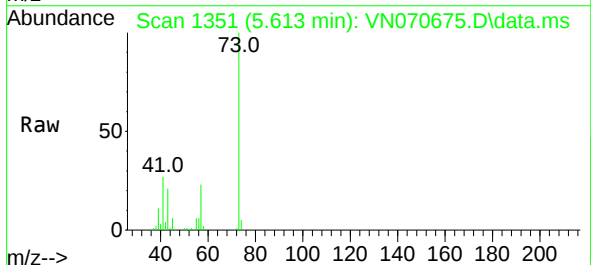
#18
Methyl Acetate
Concen: 3.178 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.003 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

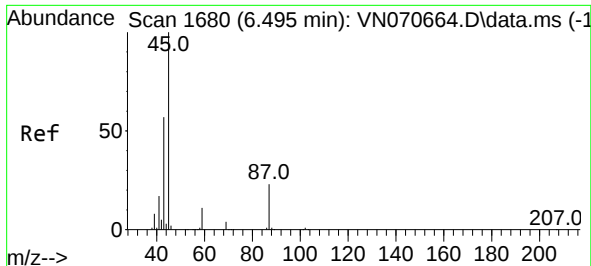
Tgt Ion: 43 Resp: 66870
Ion Ratio Lower Upper
43 100
74 19.5 19.4 29.2



#19
Methyl tert-butyl Ether
Concen: 14.548 ug/l
RT: 5.613 min Scan# 1351
Delta R.T. -0.003 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

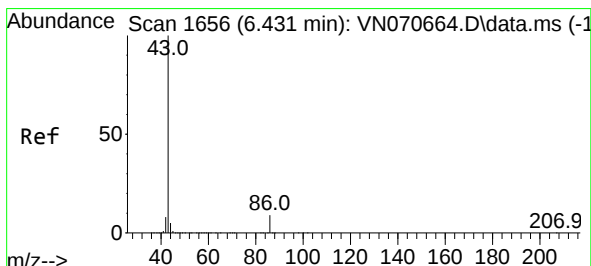
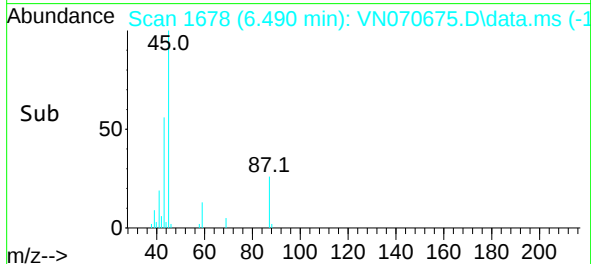
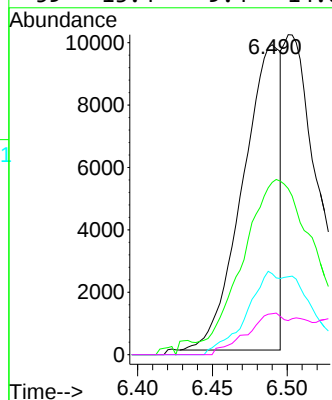
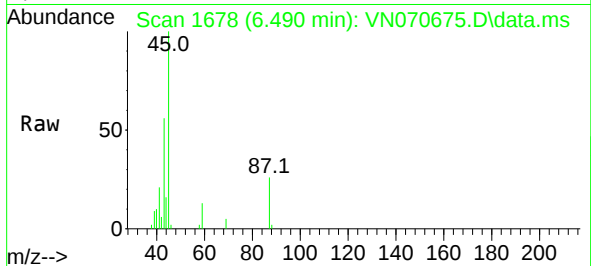
Tgt Ion: 73 Resp: 618486
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2





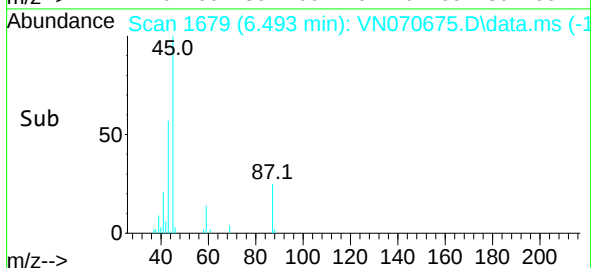
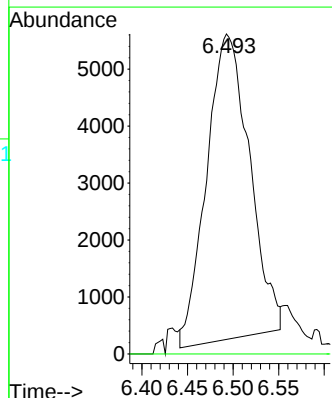
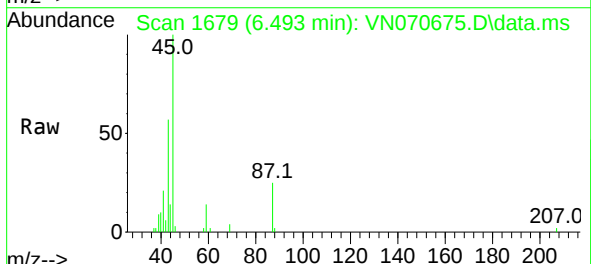
#22
Diisopropyl ether
Concen: 0.333 ug/l
RT: 6.490 min Scan# 1678
Delta R.T. -0.005 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

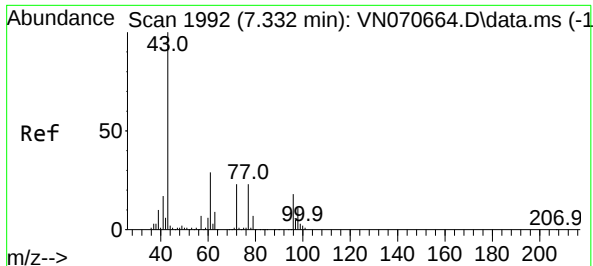
Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.1	51.7	77.5
87	26.5	23.2	34.8
59	13.4	9.4	14.0



#23
Vinyl Acetate
Concen: 0.403 ug/l
RT: 6.493 min Scan# 1679
Delta R.T. 0.062 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

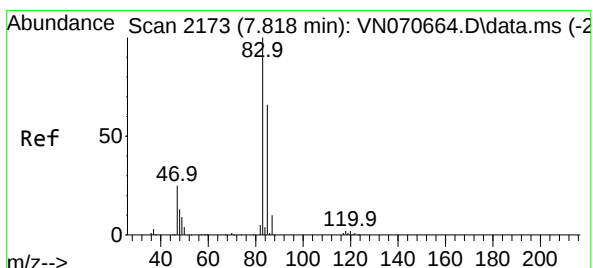
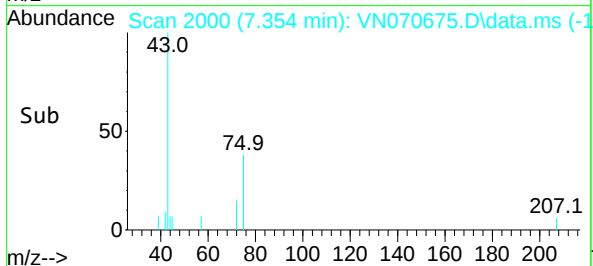
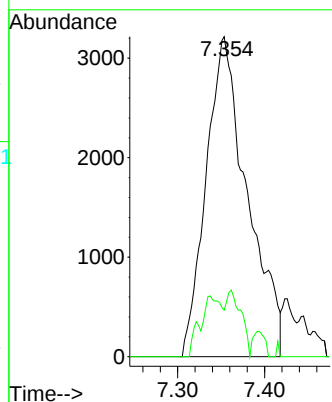
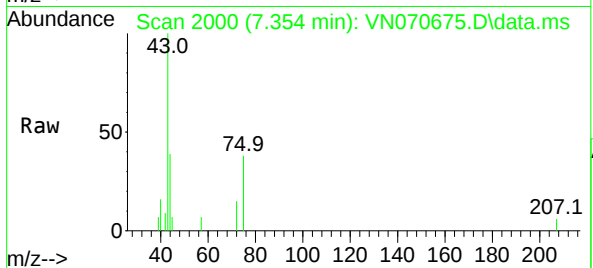
Tgt Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.5	12.7#





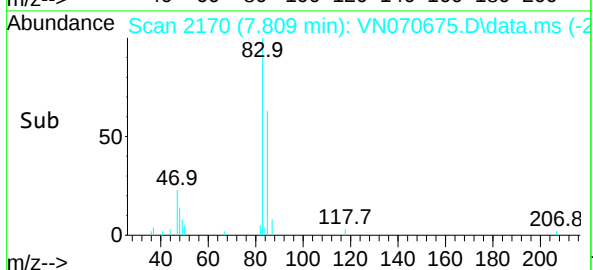
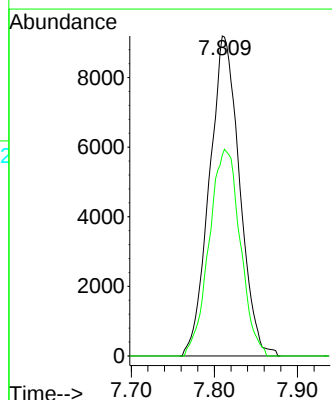
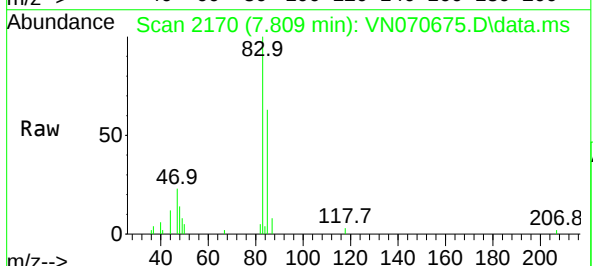
#25
2-Butanone
Concen: 0.785 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. 0.022 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

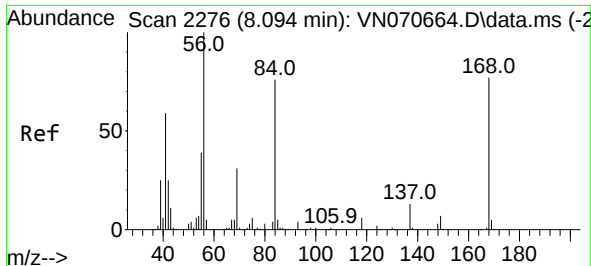
Tgt Ion: 43 Resp: 10576
Ion Ratio Lower Upper
43 100
72 14.6 21.7 32.5#



#30
Chloroform
Concen: 0.422 ug/l
RT: 7.809 min Scan# 2170
Delta R.T. -0.009 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

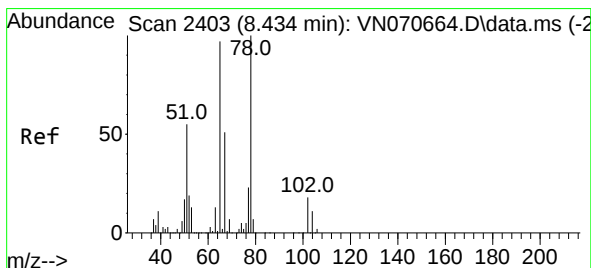
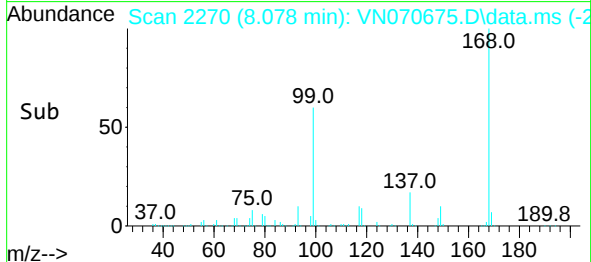
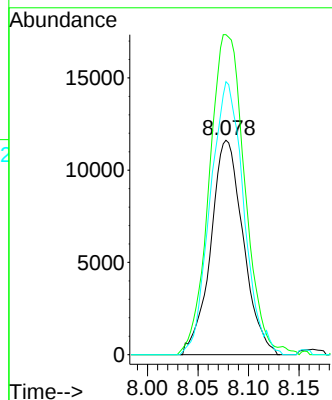
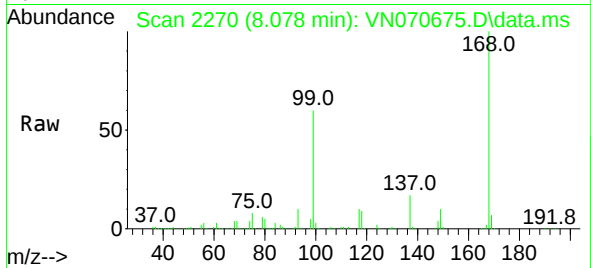
Tgt Ion: 83 Resp: 23192
Ion Ratio Lower Upper
83 100
85 62.8 51.9 77.9





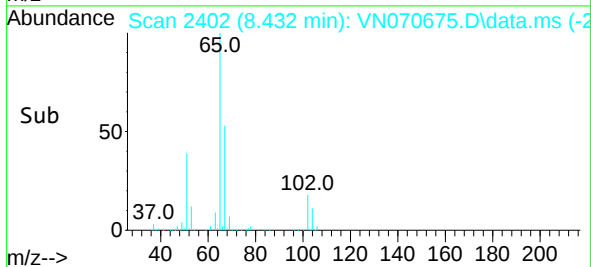
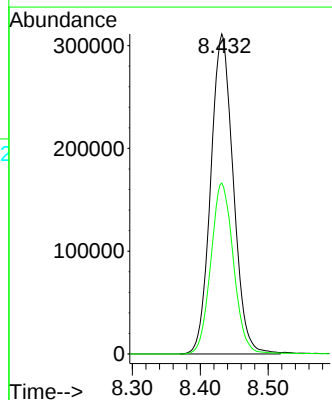
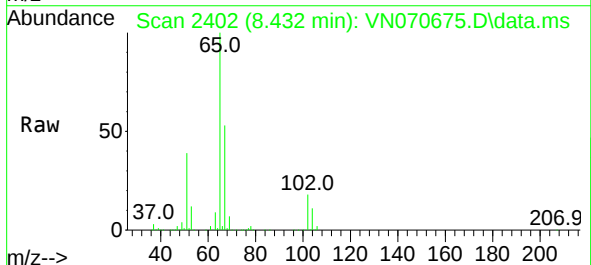
#31
Cyclohexane
Concen: 0.957 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.016 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

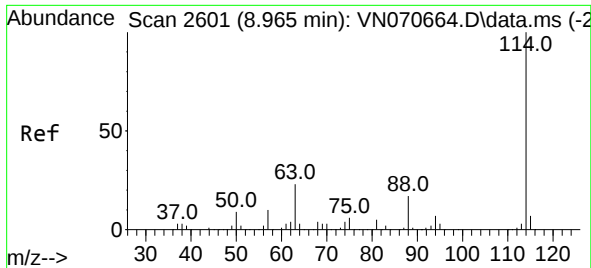
Tgt Ion: 56 Resp: 25980
Ion Ratio Lower Upper
56 100
69 147.9 27.1 40.7#
84 127.4 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 46.631 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.002 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

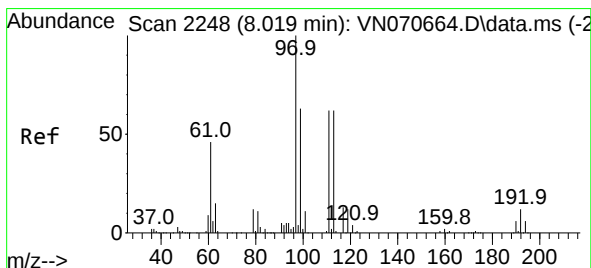
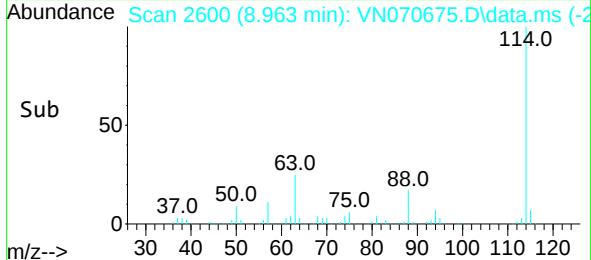
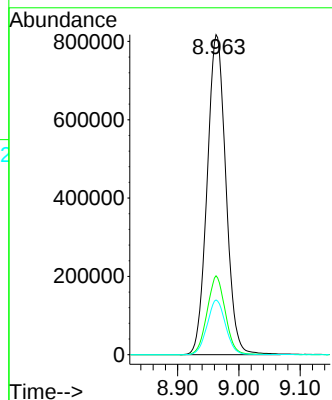
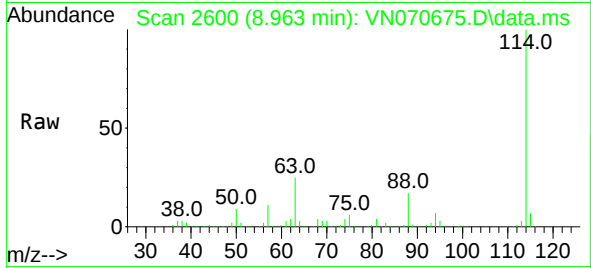
Tgt Ion: 65 Resp: 718906
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.0





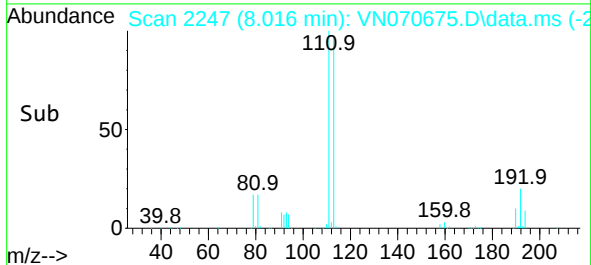
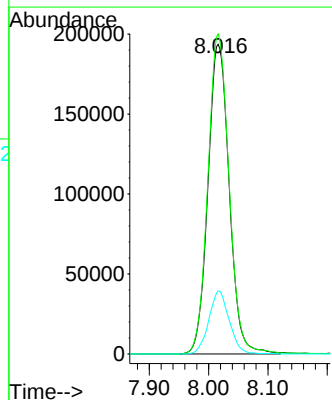
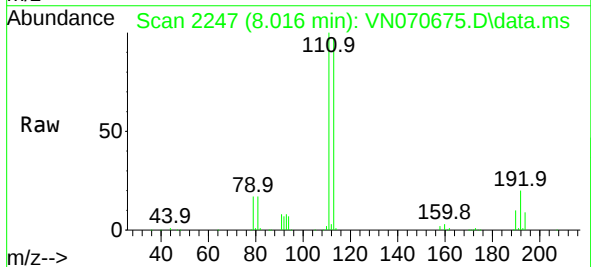
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 2600
Delta R.T. -0.002 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

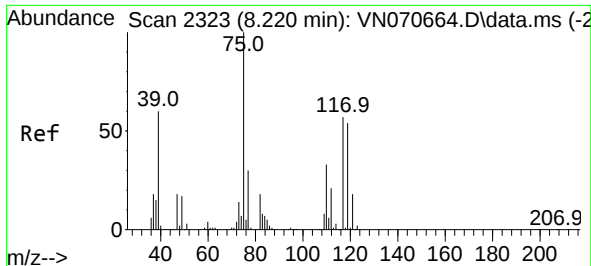
Tgt Ion:114 Resp: 1733815
Ion Ratio Lower Upper
114 100
63 24.6 0.0 37.8
88 17.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 44.888 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.003 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

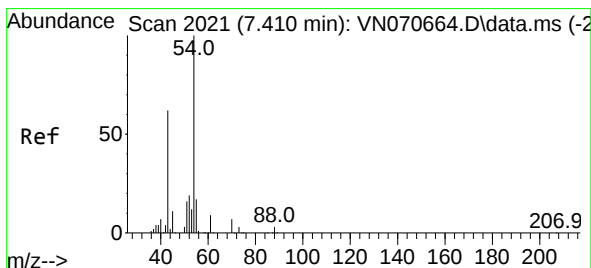
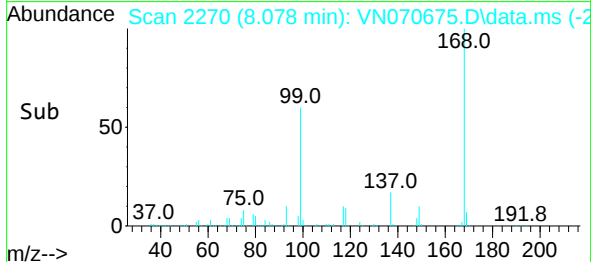
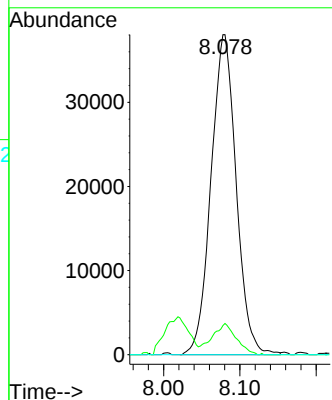
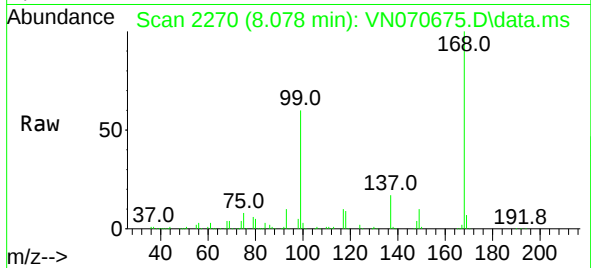
Tgt Ion:113 Resp: 482760
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.5 16.9 25.3





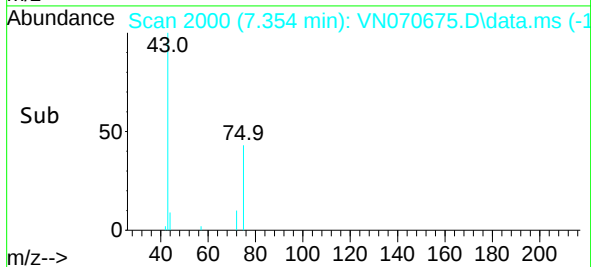
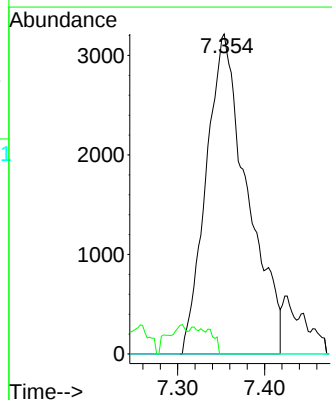
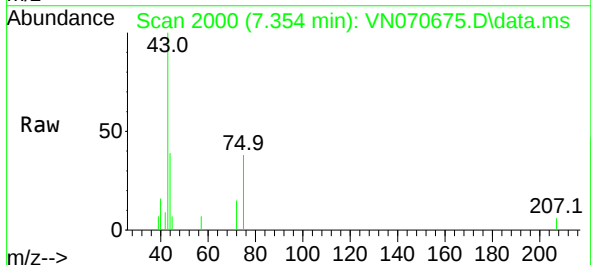
#36
1,1-Dichloropropene
Concen: 4.812 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.142 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

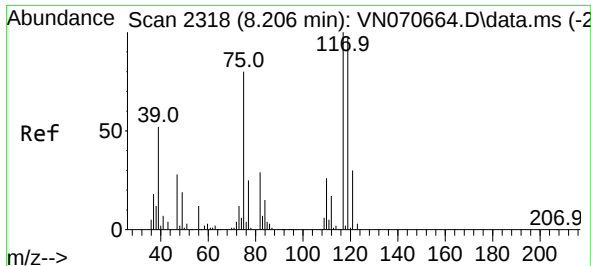
Tgt Ion: 75 Resp: 87128
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.440 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. -0.056 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

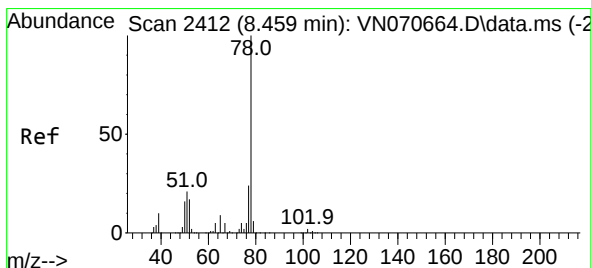
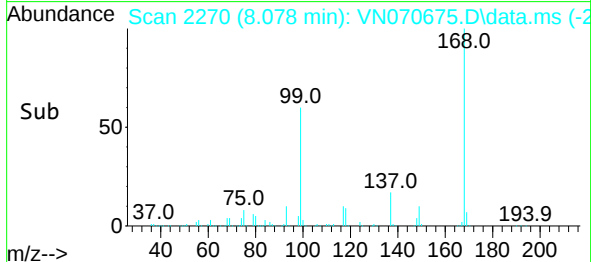
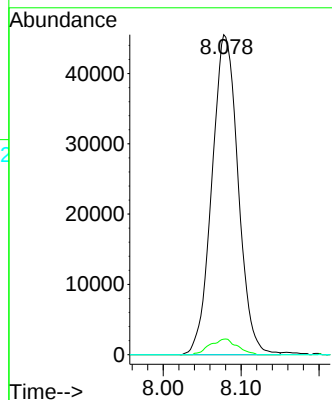
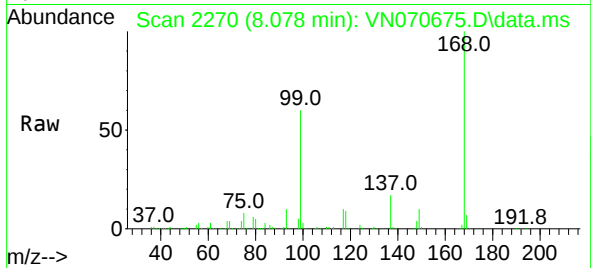
Tgt Ion: 43 Resp: 10576
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#





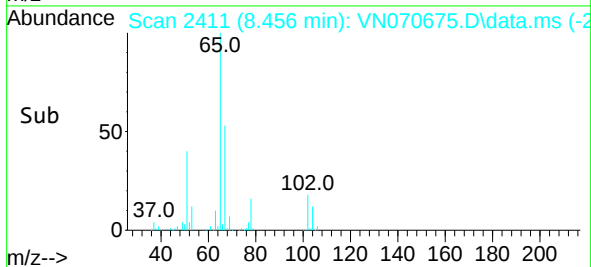
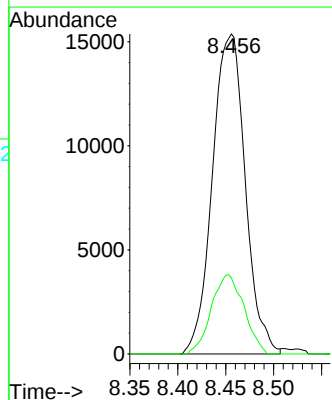
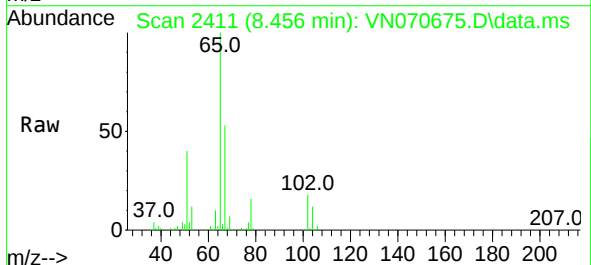
#38
Carbon Tetrachloride
Concen: 6.595 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.128 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

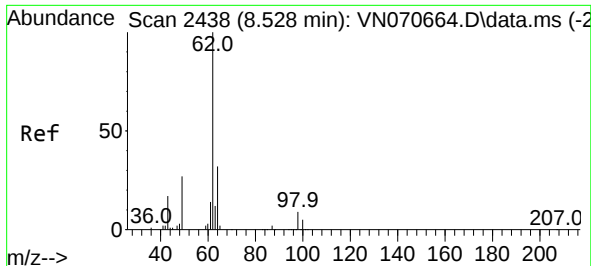
Tgt Ion: 117 Resp: 106225
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 0.653 ug/l
RT: 8.456 min Scan# 2411
Delta R.T. -0.003 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

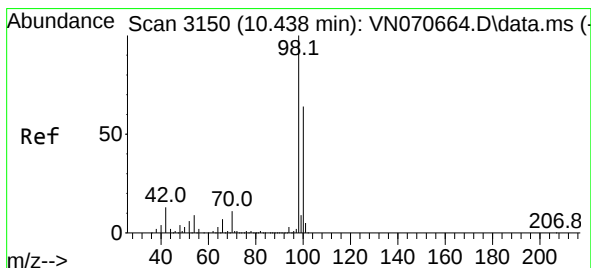
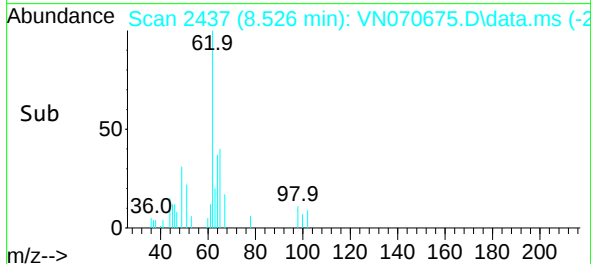
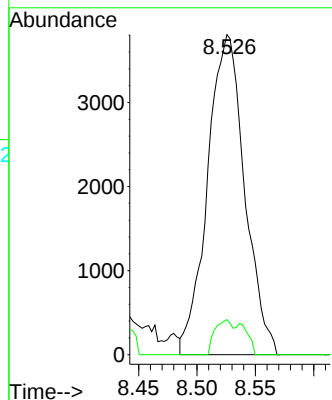
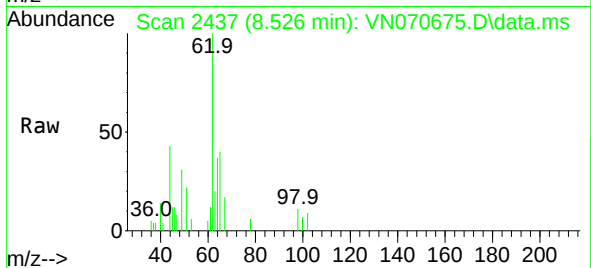
Tgt Ion: 78 Resp: 36616
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





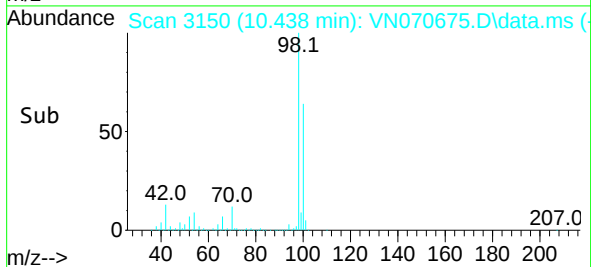
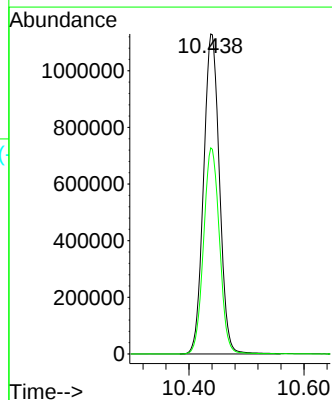
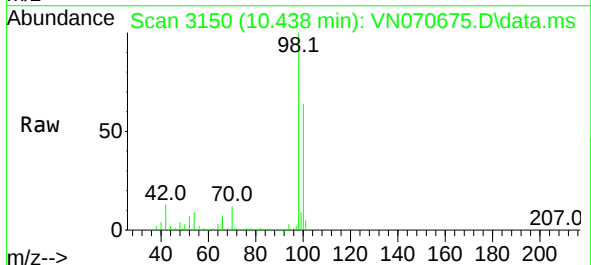
#42
1,2-Dichloroethane
Concen: 0.432 ug/l
RT: 8.526 min Scan# 2437
Delta R.T. -0.002 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

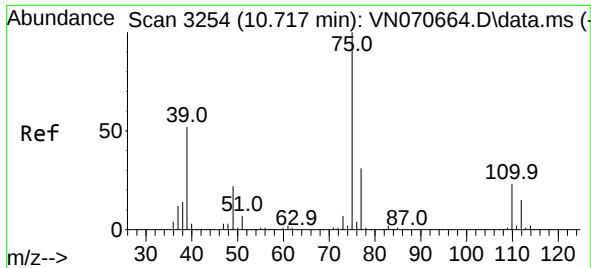
Tgt Ion: 62 Resp: 8410
Ion Ratio Lower Upper
62 100
98 5.2 0.0 17.6



#50
Toluene-d8
Concen: 47.774 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

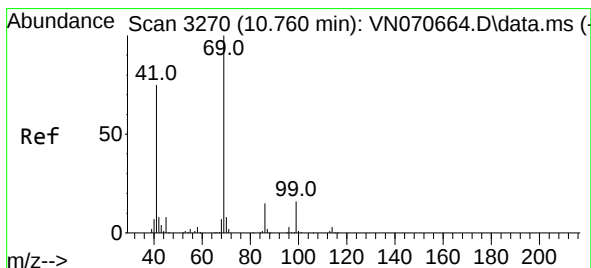
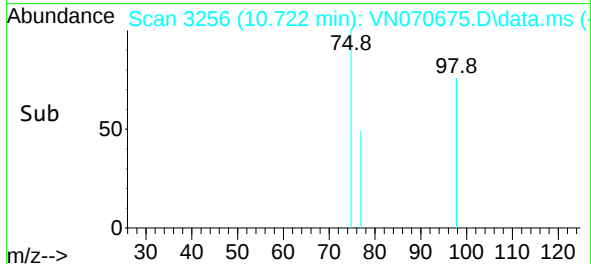
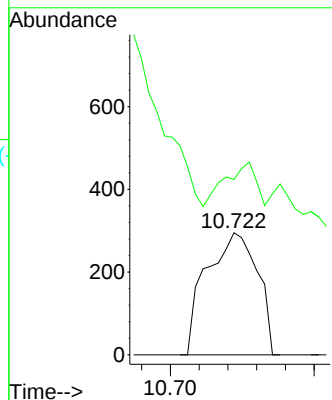
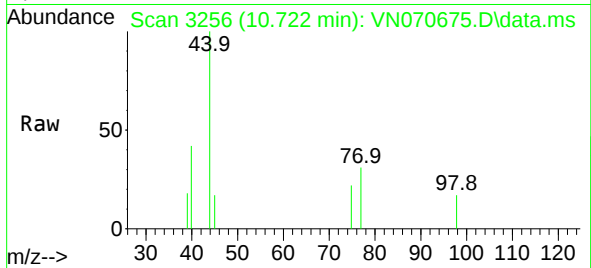
Tgt Ion: 98 Resp: 2164508
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6





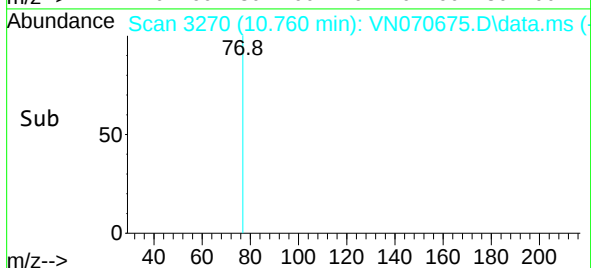
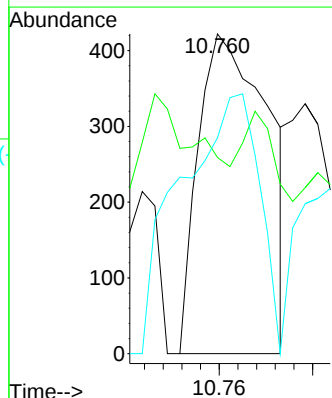
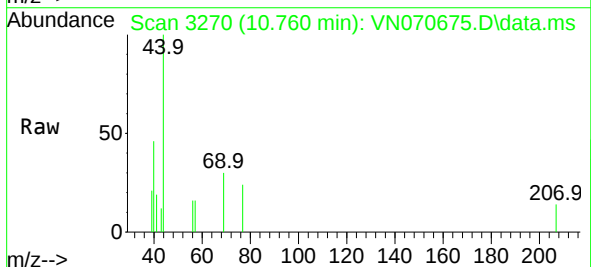
#53
t-1,3-Dichloropropene
Concen: 2.420 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.005 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

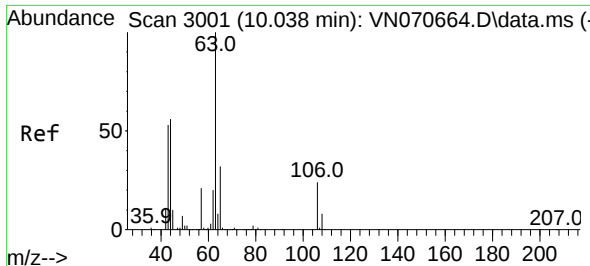
Tgt Ion: 75 Resp: 364
Ion Ratio Lower Upper
75 100
77 3.7 25.6 38.4#



#56
Ethyl methacrylate
Concen: 2.318 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

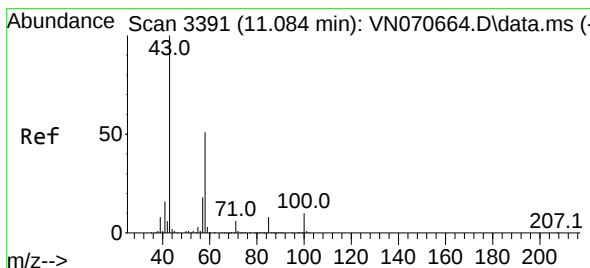
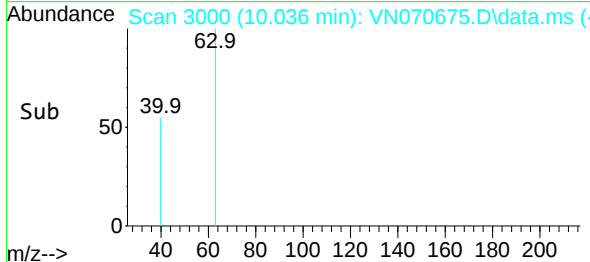
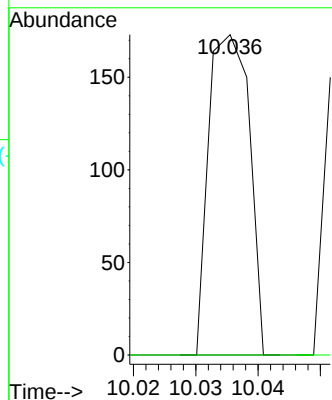
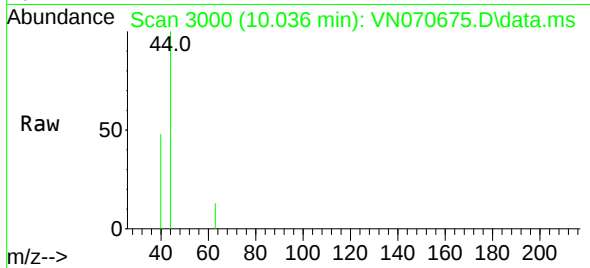
Tgt Ion: 69 Resp: 438
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 91.8 34.6 52.0#





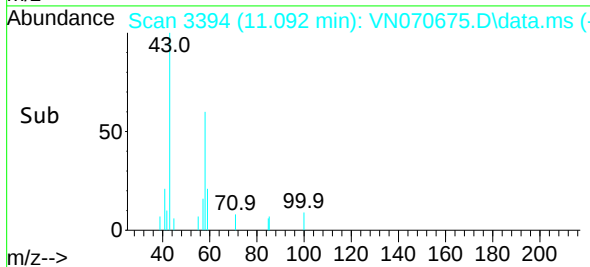
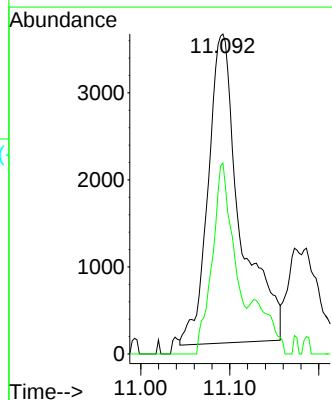
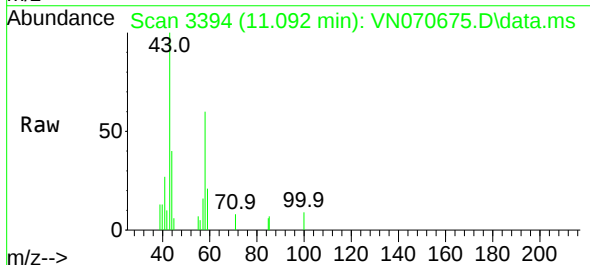
#58
2-Chloroethyl Vinyl ether
Concen: 21.248 ug/l
RT: 10.036 min Scan# 3000
Delta R.T. -0.002 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

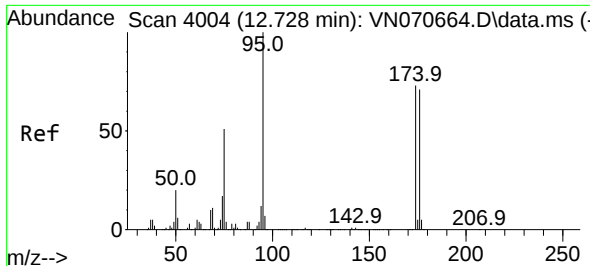
Tgt Ion: 63 Resp: 78
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.523 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.008 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

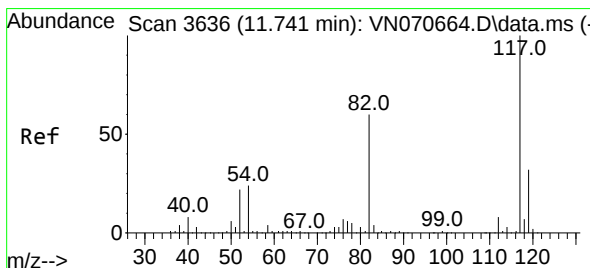
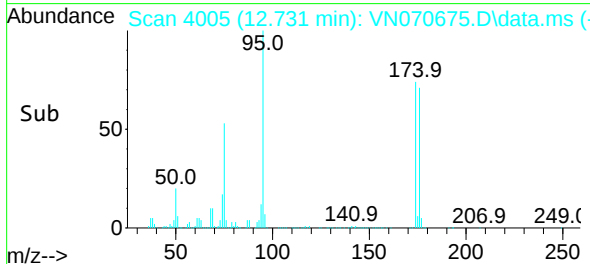
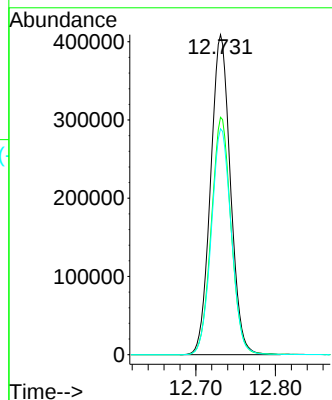
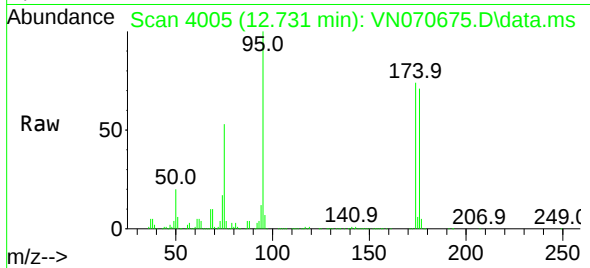
Tgt Ion: 43 Resp: 8897
Ion Ratio Lower Upper
43 100
58 41.6 26.9 80.7





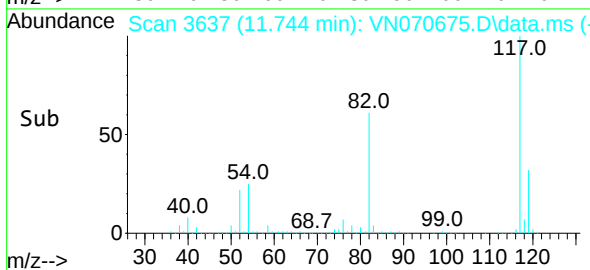
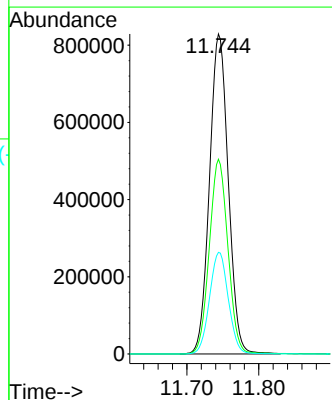
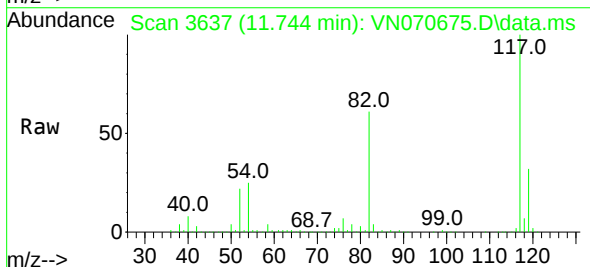
#62
4-Bromofluorobenzene
Concen: 43.872 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

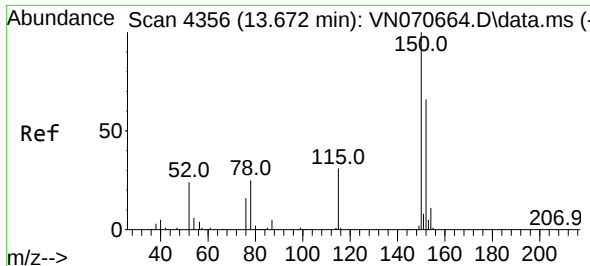
Tgt Ion: 95 Resp: 708314
Ion Ratio Lower Upper
95 100
174 73.9 0.0 187.2
176 71.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

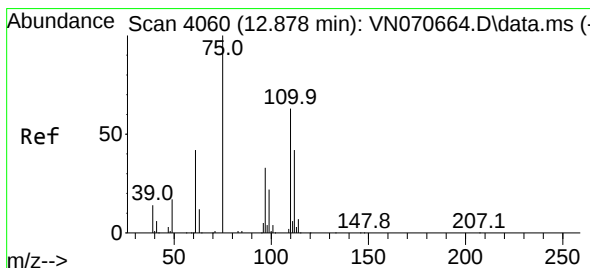
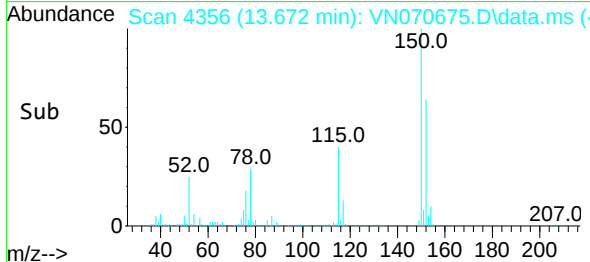
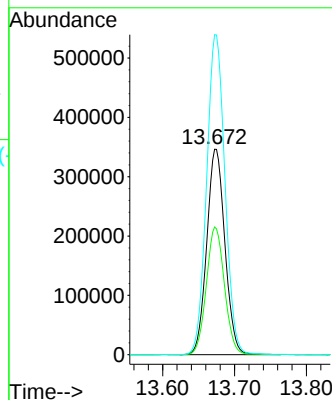
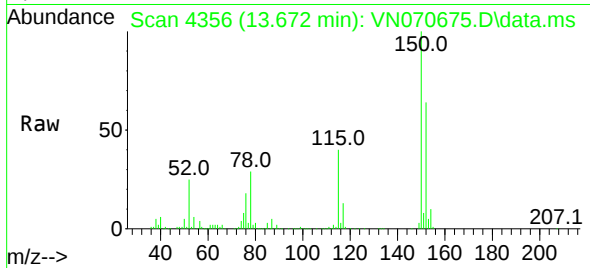
Tgt Ion: 117 Resp: 1503249
Ion Ratio Lower Upper
117 100
82 60.9 42.4 63.6
119 31.7 25.4 38.2





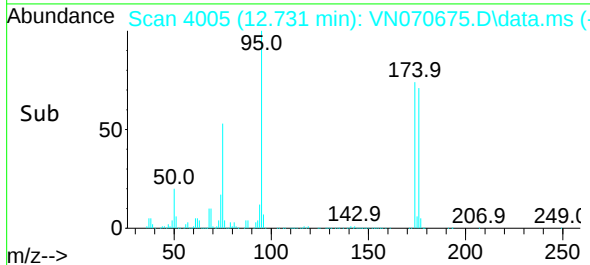
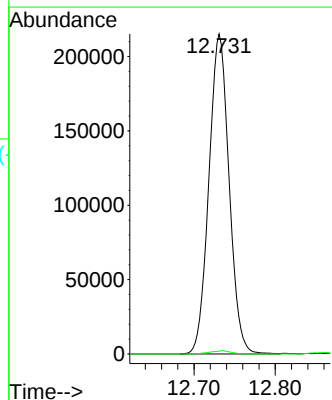
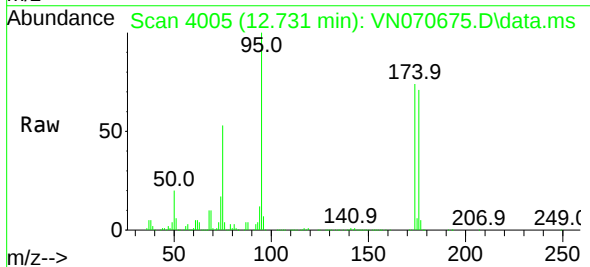
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

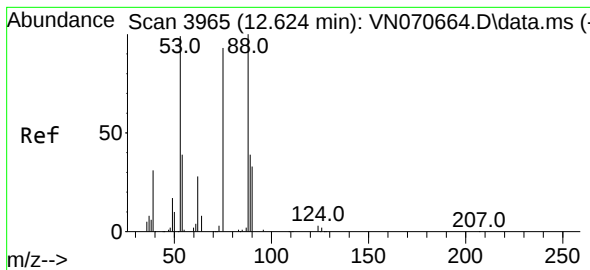
Tgt Ion:152 Resp: 609719
Ion Ratio Lower Upper
152 100
115 61.9 27.5 82.5
150 156.8 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 22.941 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

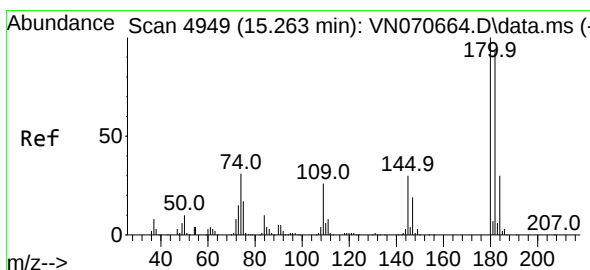
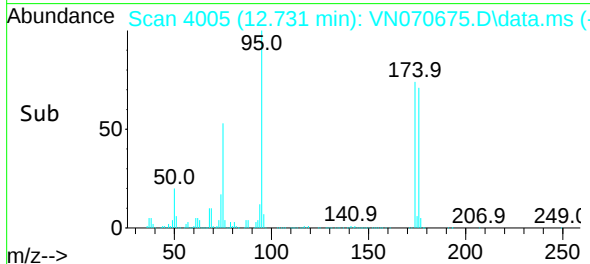
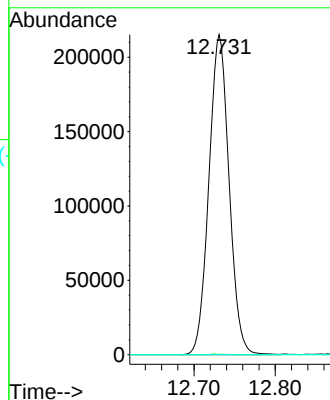
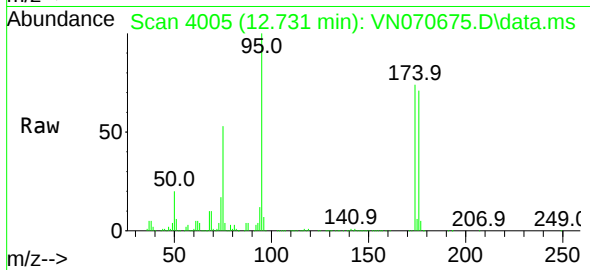
Tgt Ion: 75 Resp: 370986
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#





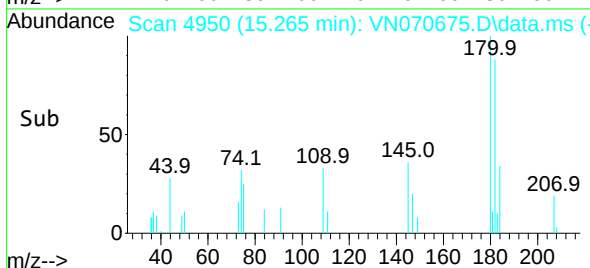
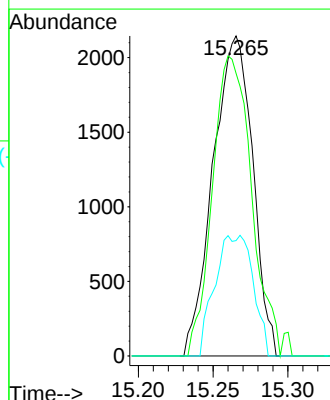
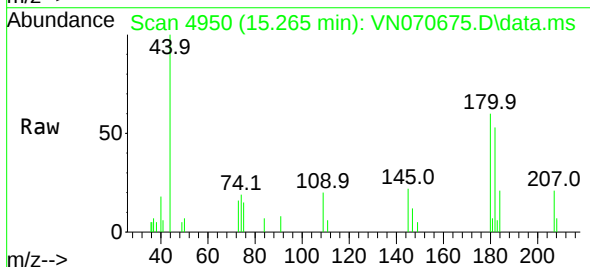
#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.345 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. 0.107 min
 Lab File: VN070675.D
 Acq: 18 Jan 2022 19:25

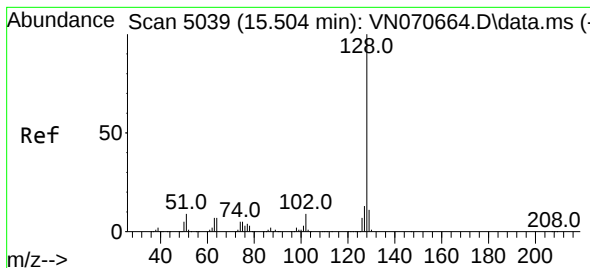
Tgt Ion: 75 Resp: 370986
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 38.2 57.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.752 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. 0.002 min
 Lab File: VN070675.D
 Acq: 18 Jan 2022 19:25

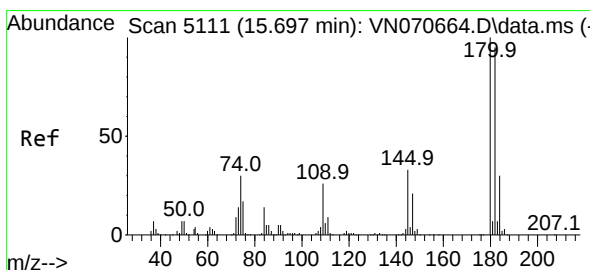
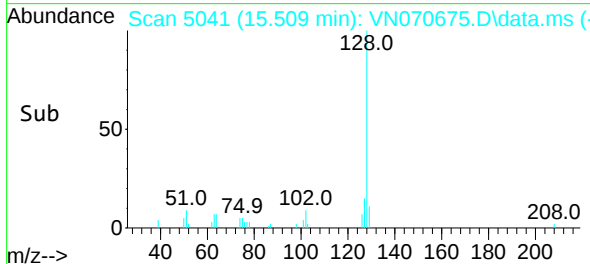
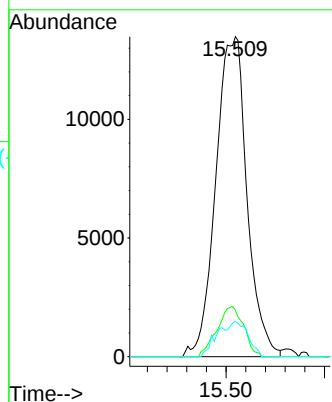
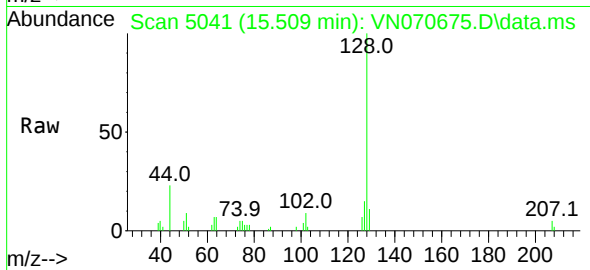
Tgt Ion:180 Resp: 3954
 Ion Ratio Lower Upper
 180 100
 182 92.1 48.3 144.9
 145 18.2 14.5 43.5





#95
Naphthalene
Concen: 5.794 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.005 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

Tgt Ion:128 Resp: 29665
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 6.4 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.593 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.008 min
Lab File: VN070675.D
Acq: 18 Jan 2022 19:25

Tgt Ion:180 Resp: 4336
Ion Ratio Lower Upper
180 100
182 93.9 47.4 142.2
145 35.0 15.0 45.1

